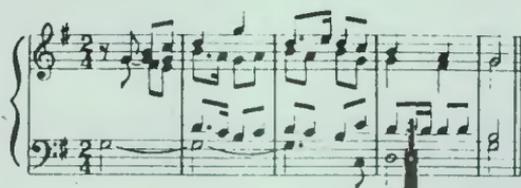
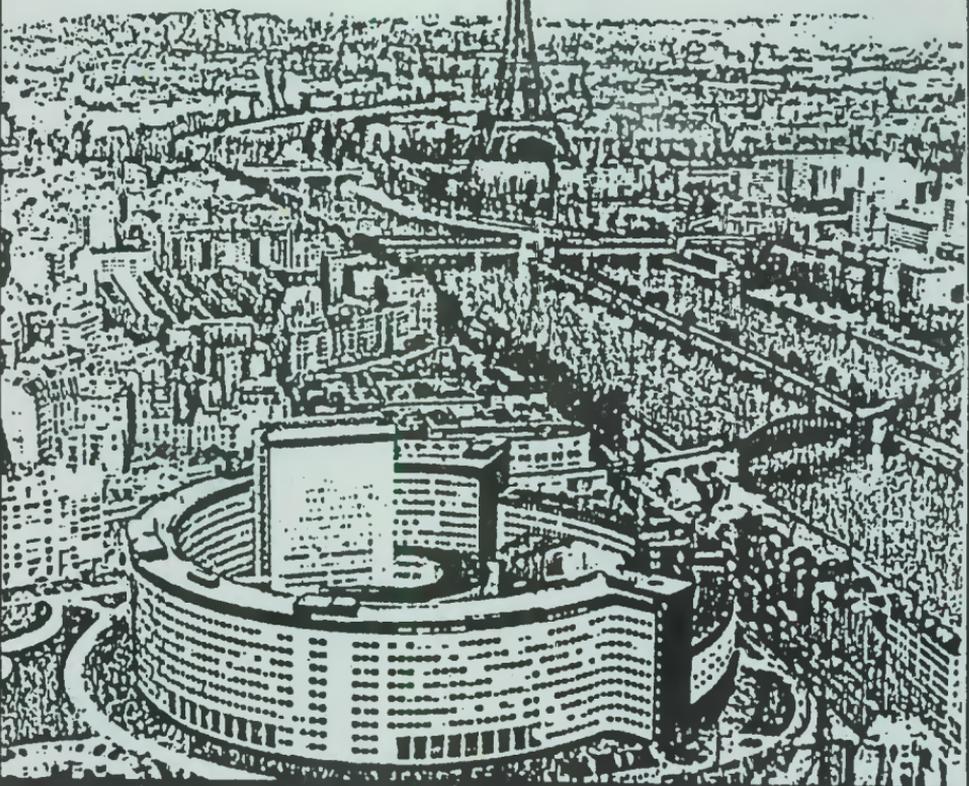


FRIENDX



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NASWA

HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

46 WILDFLOWER ROAD, LEVITTOWN, PA. 19067

I would like to thank those who offered congratulations on my new job. I do not regard this move as a change of authority, but as a more even distribution of the NASWA/FRENDX work. Few people realize how much effort Mac Leonhardt put into NASWA the past six years. I worked with Mac most of that time and even I couldn't begin to list the many things he did. To illustrate, let me quote from a letter he sent to the FRENDX editors to announce the change. He wrote....

"As Business Manager I will continue to handle processing of new members, membership renewals, publication of special pamphlets and the like, handle membership inquiries, mailing of samples, preparation of financial reports to the Executive Council, pay bills, plus a number of other things required to keep everything going."

Please remember that this is what Mac is still going to do...and while he was doing all this and the Executive Director work the membership rose from 850 to 2100.

Mac Leonhardt is a hard act to follow!

Bill

NOTICE

NOTICE

NOTICE

NOTICE

We have a new Distributing Editor! Effective immediately, Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758 will be the Distributing Editor for FRENDX Log Reports. Please send all items to Terry at that address in time to arrive not later than the 12th of the month.

We would like to thank Gregg Bares who served as Distributing Editor for the past 18 months and we hope to see Gregg back on the staff when he finishes his college education.

LOG REPORT EDITOR CHANGES:

As Terry Colgan, our former Section "D" editor, will now be the new Distributing Editor, his position will be filled by Steven Wiseblood who now serves as Section "B" editor. Steve, in turn, will be replaced by Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173. Jerry is well-known in the DX/SWL hobby and his articles have appeared in ShortWave Center. He is no stranger to the FRENDX Log Reports either. For a period up to April of 1972 Jerry did the entire Log Report by himself!

To recap the changes:

Distributing Editor - Terry Colgan, 8120 Ripplewood Drive, Austin, TX 78758.
Log Report "B" - Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173.
Log Report "D" - Steven Wiseblood, 707 Loma Way, Santa Maria, CA 93454.

THE COVER

Featured on this month's cover is Radio France International which has just completed, under various names, fifty years of shortwave broadcasting. Congratulations!

Another 50th Anniversary celebrant is HCJB, the famous religious broadcasting station in Quito, Ecuador. For stamp collectors, a first day cover is available which is franked with Ecuador's HCJB stamps and dated December 1, 1980. The price is \$2.50 in US dollars from HCJB-50, Box 3000, Cpa Locka, FL 33055, or HCJB, Casilla 691, Quito, Ecuador.

June of this year marks the 16th Anniversary of the Australian Radio DX Club. This organization has served Australia and the surrounding area well over the years and we wish those involved many more years of good DX. An item in the May issue of the ARDXC bulletin, Australian DX News, which might be of interest to North American DXers reports on 8 cassettes covering Latin American stations. Two of the cassetts, those on Bolivia and Paraguay, were recorded in the studios of the stations concerned during a DXpedition of the Asociacion DX del Litoral in Argentina. The price of each cassette (C&O) is US\$10 or 28 IRCs. No address of ADXL is given but information can be obtained

from ARDXC, P.O. Box 227, Box Hill, Victoria, 3128, Australia. For information please include return postage.

If you are interested in old radios, NASWA member Don Dickey suggests that you contact Vestal Press, Ltd, Vestal, NY 14816. They reprint old catalogs like RCA's "Radio Enters the Home" originally issued in 1922. Other titles include "The Saga of the Vacuum Tube" and the 1922-1923 catalog of the Robertson Contract Electric Company of New York, a radio equipment supplier.

KAP III:

KAP I started everything off with a bang!...KAP II was even better!...and now it's time for KAP III! June 28, 1981 at 86 South Quinsigamond Avenue, Shrewsbury, MA 01545. This get-together, hosted by John Kapinos, is fast becoming one of the important East Coast "meets". A \$2.00 donation will keep you fed for the day. On the schedule is a HAP auction with Sam Barto presiding. Beginning SWLs and DXers are especially invited to attend....this is the type of get-together where you'll feel welcome. Remember, June 28!

THE GWDXA CONVENTION:

The Golden West DX Association is holding its third annual convention June 25-28 in Chicago, IL. More details on this meet appeared on page 43 of the May FRENDX but if you missed them, details are available for a SASE to Mark Strickert, 2507 North Kimball, Chicago, IL 60647.

AND THE BIG ONE.....ANARC '81:

DATES: July 17, 18, and 19, 1981.

PLACE: All convention sessions will be held at the Airline Motor Hotel in Thunder Bay, Ontario, Canada.

Information on ANARC '81 is available from ANARC '81, P.O. Box 142, Thunder Bay, Ontario, Canada P7C 4V5 for a SASE with either Canadian or US postage. Since an assured hotel reservation is possible only for reservations received no later than June 15, 1981, a list of hotel rates might be in order. Single: \$32.50 Canadian or \$27.50 US. Double: \$38.50 Canadian or \$32.75 US.

Further, the Convention Registration Fee is \$15.00 Canadian or \$12.75 US. This includes the Sunday morning buffet breakfast. The same price applies to the Friday evening banquet.

An interesting program is planned beginning with the "Ice-breaker" on Thursday evening for early arrivals and ending with a possible two-hour boat trip in Thunder Bay Harbor on Monday, July 20 if enough people are on hand.

Further information on this convention and a registration form appear on page 56 of this FRENDX.

AND YET ANOTHER ONE!...

The New England Area DXers Outing isn't until September 13 but it's never too early to make plans. This is the sixth NEADXC and advance reports say it's going to be the best yet! The outing is held at Black Rock State Park around Watertown, CT and there will be a banquet the previous evening (Saturday, September 12) at the Preston Hill Inn in Middlebury, CT. Space at the banquet is limited so if you intend to attend, write for a registration form to Sam Barto, 460 Emmett Street B-19, Bristol, CT 06010.

WHAT TO SEND TO WHOM DEPARTMENT

To reduce any confusion caused by the recent change in the NASWA Headquarters location, I would like to mention that a good rule to follow is: If you are sending money with your letter, send it to P.O. Box 13, Liberty, IN 47353. This includes new memberships, renewals, orders for special publications, etc. Membership inquiries should also be sent to Liberty. Almost everything else, FRENDX material, club notices, other items for announcement, Helping Hand notices, etc. and also letters on NASWA matters should be sent to 45 Wildflower Road, Levittown, PA 19057. Change-of-address notices can be sent to either or both because they have to be recorded at both locations.

shortwave CENTER

THE JUNE 1981 CHRONICLE OF DX ARTICLES, INTERVIEWS, AND OPINION

GERENTE: John J. Moritz Jr., 4779 Pine Trace, Youngstown, Ohio 44515

Amigos mios! This month we start off with a Special Feature on the history of NASWA! A three-part series compiled and edited by Don Jensen, it takes us from the founding of NASWA in 1961, right on up to the present and our 20th anniversary in November of this year. It is truly a first of sorts; since we have no actual recorded history of our club in print. Old and new will surely enjoy it, and our thanks to Don for his efforts. A lot of time and labor went into the making of this series, and despite all the conflicts and arguments that took place throughout our history it only points up the fact that NASWA is still the best club, with the best publication in existence today. I am truly happy and proud to take part in this special 20th anniversary celebration, and along with Mac and Bill, and the rest of my co-editors, we promise to keep on bringing you the best that this hobby has to offer. As Tony Beretta used to say, "You can take that to the bank"! On to the goodies...

A History of the North American Shortwave Association, By Don Jensen

PART 1. NASWA. THE EARLY YEARS -- 1961-1966

NASWA -- it was just NASA, the North American Short Wave Association then -- was founded in November 1961. And because, to my knowledge, there is no complete collection existing of all issues of FRENDX, the full history of the club may never be compiled. What is known of the earliest era has to be pieced together from several sources, but mostly from comments in later FRENDX issues.

In terms of membership, it seems safe to say that Californian Don Erickson has been a part of NASWA longer than anyone else now a member of the club. The author of this review didn't come along in the club until the fall of 1963.

In November of that year, NASA was struggling to recover from a major blow...Its publisher/printer (read: the guy with access to the mimeo machine), Rick Roll resigned in July. Operation of the club fell on the shoulders of editor William P. Eddings, an easygoing, goodhearted, thin-skinned fellow from Altoona, Pa. He found he liked to run a club more than he liked to tune shortwave, so the switch in hobby emphasis was easy -- though the work was long and hard.

Eddings had no money for the club, no mimeo to print it. The July and August issues had been missed. September, on an emergency basis, member Erickson ran it off on his mimeo. A pleas for funds for a mimeograph was sounded. Some dollars came in, Eddings added to the total his own funds. The November 1963 issue was the first printed in Altoona on a new machine -- which cost a total of 69.39, including tax and shipping. And there was still 42.75 in the treasury for things like paper, ink and postage to mail the next issue.

FRENDX scarcely resembled today's "magazine." It was standard 8½ by 11 size, no illustrations and with a much different content. NASA was a general club, then, with coverage of medium wave, ham band listening, something called "Outer Space," edited by an Army Sergeant Nick Vrettos, and a "Friendship Corner," devoted to a hobby spinoff very popular in those days, exchanging SWL cards...sometimes called simply, cardswapping.

There wer3 a few familiar features, though, a brief Logging Section, rarely more than two or three pages, the predecessor of our current Log Reports, and something called Newsroom which would evolve into Listener's Notebook. The former was edited by Robert Newhart, a young GI, who took over from Eddings after the former compiler admitted members were complaining about his "errors." Newsroom was edited by an Ohio listener, Ron Luyster. (Newhart at one time would have the distinction of providing the only U.S. bulletin that featured at least some tips in Swedish for European readers--

that, however, was in a bulletin other than FRENEX).

In June 1964, after six months of trying to elect a board of directors, Eddings announced that the BoD: Irvoyd Kuney, John Arthur and Don Jensen. Arthur, after an absence of some years, recently rejoined NASWA, returning to the club he once served as director, a decade and a half ago.

In 1964, it cost just 3.00 for a membership to the club. The club's headquarters, as described by Eddings, was a 2-room, 2-windowed apartment on the third floor of a building "on the other side of the tracks" in Altoona. There Eddings worked in a cramped corner of one room, at least forty hours a month, cranking out a bulletin and administering a club that was growing over 200 members.

A new column was begun in November of 1964...Shortwave Center. Edited by Eddings, it was mostly members letters and short comments.

The editorial staff of FRENEX, as noted in the January 1965 issue, consisted of Bill Eddings, Joseph Pela Jr., Rihhard Little, Alan Herrington and Larry Marshall. Other new features began showing up that year, notably short station articles and Scoreboard. There also were features about members and other well known DXers, including "DXing Dean" August Balbi and "Space Buff" Louie Stober of Oregon. Stober had become a director, when Kuney had resigned.

A fellow named Doug Benson, a professional radio newsman in New York, later New Hampshire, became an active part of NASWA operations. He took over Newsroom from Luyster and added a professional newsman's touch, plus a bit of humor.

For about a half year in mid-1965, NASA ran a captionless cartoon, inviting members to send in their contributions to caption it. The prize was a transistor portable.

There was continuing concern in the hobby about inter-club squabbling. A desire to bring peace to the hobby led to the formation of the Association of North American Radio Clubs (ANARC) in 1964, but, like the United Nations, it could only try to use reason and goodwill to promote peace. ANARC struggled along; some critics openly doubted its value because it had no real power to end the widespread bickering. By 1966, an observer in a national radio magazine wrote: "Despite the facade of friendliness...(the clubs) hate each other like poison." In a February 1966 editorial, Eddings reluctantly agreed with that observation, and urged a peaceful solution to the problems between clubs...apparently the result of jealousy and a competition to grow.

"We need not see eye to eye to stand shoulder to shoulder," Eddings wrote. He would editorialize on that theme many times over several years.

Relative peace did settle on the clubs in the next year or two. One reason, it seemed, was that things sorted themselves out, various clubs found their own particular niches to fill.

Eddings, in a page one FRENEX editorial in the October 1965 bulletin saw the future might be in the "coming age of 'specialistic' clubs." He was not convinced then, though. "Are they needed? Can they succeed?" he asked. He also promised that "should members show...interest in...an era of specialization, that is the course we will take." Seven months later the question of going "all -SW" was put to members.

Shortwave was taking on greater emphasis in NASA. The logging section through 1965 grew from about three pages to 5, then 6, even eight or more. But in November 1965, the small scoreboard has only five DXers with over 100 countries verified. The top score was 180 countries heard on shortwave.

In that same month, a flamboyant 14-year-old Connecticut youth burst upon the DX scene. He took over one smaller club, picked fights with others, showed much enthusiasm and considerable talent, although unbridled. For a couple of years he burned like a minor meteor. And a few years later, hobbyists learned, the young man committed a murder while hitchhiking from Florida, was convicted and imprisoned -- reportedly for life. The hobby, over the years, has been peopled by all sorts of characters -- perhaps a subject for an article in its own right, someday.

In December 1965, in response to chiding from another DX club that promoted itself as the only democratic organization in the hobby, Eddings offered a draft of a constitution to club members.

January 1966 brought the debut of a character who would become a hobby fixture for years, Charlie Loudenboomer. Ol CL was a satirical columnist with a wicked pen, poking fun at the foibles and fakes in the hobby. He could be very funny, or fall flat, he was at times a boor, sometimes a bore, disliked by some, loved by others. He was a FRENEX exclusive, but was occasionally reprinted in other club bulletins. He never revealed his identity. Some readers spent years trying to figure out who Charlie really was. Many names were suggested. No one confessed. Some said they were just as happy not knowing.

Eddings, who presumably knew CL's identity, initially expressed reservations. Loudenboomer sought confrontation, controversy, something with which Bill Eddings was never comfortable. But he became proud of CL, when other clubs praised the column as "best satire ever to appear in a club publication," or similar. In later years, after Eddings' death, Loudenboomer's columns reached subsequent FRENEX publishers via circuitous routes, apparently, and they maintained they did not know the real identity of their unusual columnist.

Charlie's subsequent departure from NASWA will be told in a later segment of the club history.

The April 1966 FRENEX promoted the first annual AMARC convention which was scheduled for July 29-31 at the Muehlbach Hotel in Kansas City, MO.

The same bulletin also offered a special discount price on the 1966 WRTVH for members: 3.80, a reduction from the cover price of 4.95.

The slowly developing emphasis on shortwave in the club reached the point in May that a proposal to devote the entire bulletin to SW, and abandon the other aspects of coverage, medium wave BCB, hams, TV and VHF/Space, cardswapping, etc, was put to the membership. Members with other interests were offered a deal. They could switch to the all BCB club, IRCA, or the broad-based Canadian DX Club for the remainder of their membership, with their fees paid by NASWA, or they could get a cash refund.

About 70% of the membership voted, a rather startlingly high percentage. The vote was 196 to 102 in favor of converting NASA to an all-SWCB club. The result, announced in July, 1966, was not really a surprise, but a few did complain in the bulletin that they were being exiled from a club they'd long supported. But many who voted "no" stayed on as members.

Don Jensen became shortwave editor, with Luyster and a Canadian member, Gregg Calkin (now a Canadian diplomat) as assistant editors. Calkin developed the QSL section. Soon the Log Section had its own editor, Texan Del Hirst, recently rejoined member again. The section was now 10 to 12 pages long with many contributions. Dan Henderson took over as Newsroom editor. Bob Hill became contest editor/manager.

Though still a mimeographed bulletin, FRENEX had taken on most of the features that make it what it is today.

The switch came in August 1966. Eddings announced "NASA Now New Era Club for SWBCers!"

Membership in the new NASA cost four dollars a year.

Two months later, the club completed five years of existence.

(To be continued)

-0-

THE SHORTWAVE CENTER INTERVIEW: CARSTEN WIEDEMANN, RADIO DENMARK

(Editor's notes: I went to Carsten Wiedemann, one of the key people in the shortwave section of Radio Denmark for some answers as to the future of this fine station. Over the past year many rumors have surfaced about Radio Denmark; a possible new English service, more power, and new equipment. Mr. Wiedemann kindly consented to give me the facts. What follows and emerges is the true story of just what is happening at Radio Denmark.)

SWC: Welcome to Shortwave Center. How is the progress going on the new 50kw transmitter? Will it be ready shortly?

Wiedemann: Two months ago a contract was signed with the Swiss firm Brown-Boveri. For approx. 500,000 dollars we'll get a 100 kw-transmitter, semi-automatic and synthesizer-tuned. It will be delivered here in Denmark in September and will be ready for operation around January 1982. Unfortunately we'll be unable to use its full effect, since the present antenna (log-periodic) will not allow more than 50 kw.

SWC: So, it turns out to be 100kw and not 50 as I had understood. Are there any plans for resumption of an English service once the new transmitter is installed? Radio Denmark had one of the nicest English programs going a number of years back. Whatever became of that exotic lady with the very sexy voice who used to do the English broadcasts? Her name escapes me at the moment.

Wiedemann: We have lots of plans in order to reestablish an English Service. We feel that it is a shame to broadcast in Danish only, but as you may know the transmissions in foreign languages was stopped by the Radio Council, and this decision can only be altered by the Council itself. So far it has been impossible for us to get through to this top of Radio Denmark. But we sure hope that we'll have a comeback in English with our new facilities. The exotic lady with the sexy voice could have been Susanne Jackson, working with Christian Flagstad on the "DX-Window" a very popular program in former days. Whatever became of her I frankly don't know.

SWC: We notice from the new WRTVH that two 500 kw transmitters are also in

the works, to be installed by 1985. Can you tell us anything about these, and will there be some additional frequencies?

Wiedemann: The 500 kW-transmitters are still in the foggy future. But as far as we know two antennas will be ordered this year. Most likely they will be rotatable curtain-antennas. Of course we'll be able to broadcast in a number of different frequencies with these transmitters, but that also goes for the Brown-Boveri transmitter.

SWC: While many of the major broadcasters have gone over to QSLing only once a year, Radio Denmark continues to openly request reception reports and QSL on a regular basis. Why do you think this is? By the way, we congratulate you on it!

Wiedemann: Three reasons why we still QSL regularly is that the number of reports we receive is not very large, naturally because we broadcast in Danish only. We receive approx. 1000 reports per year. So until we reestablish broadcasts in foreign languages I think that we'll maintain the present QSL policy.

SWC: What one thing, or event, would you like to see take place in the world of international shortwave broadcasting? Thanks so much for giving of your time.

Wiedemann: The most happy thing to happen in the Shortwave-world for a small station like the Danish would of course be that there could be established some sort of control or limit so that the larger (propaganda) stations should not be allowed to occupy so many frequencies. We don't think it fair for instance that one station should broadcast on several frequencies in the same band at the same time. It leaves very little to the minor stations. I hope that you have been able to learn something from this, and I wish you a lot of success with your club and its magazine.

SWC: Thanks for the kind words and the fine information. We wish you the best of luck in your future broadcasting endeavors.

RADIO BAHAI. By Marlin A. Field

Radio Baha'i is operated by the National Spiritual Assembly of the Baha'is of Ecuador. The medium wave station, on 1420 kcs., was launched on December 12, 1977. It is a non-commercial, cultural, educational, religious station, which serves principally the rural, indigenous populations of the Andean valleys of Otavalo and Cayambe in northern Ecuador. The station transmits from four a.m. to seven p.m. local time (0900 to 0000 GMT) with the power of one kilowatt.

Radio Baha'i shortwave, on 2340 kcs., was launched on November 12, 1979, also operating with one kilowatt. During its first year the station repeated the medium wave service from 0900 to 1300 GMT. However, a new independent program schedule was initiated on December 19, 1980, with broadcasts nightly, except Sundays, from 2400 to 0400 GMT.

Both stations serve as a pilot project for further ventures into broadcasting by Baha'is in other locations. They have received much publicity in the Baha'i press around the world, and more recently, in DX publications. The staff is small and largely Ecuadorian, but there are several North Americans who are assisting in technical, programming, and management capacities, mostly in a training role.

My verification, in the form of a personal letter written in Spanish and English, was signed by Michael J. Stokes, secretary for the Commission for Radio Baha'i. A copy of the letter was sent to Baha'i World Center, Haifa, Israel; Sr. Raul Pavan; National Spiritual Assembly of Ecuador, and Mr. K. Dean Stephens.

QSL cards are being printed. The station's address is Radio Baha'i, Apartado fourteen, Atavalo, Ecuador.

(Additional info: your SWC editor recently received a letter from Mr. Stokes indicating that the station is considering a move to the 90, 75, or 60 meter band, providing they can get an assignment. He indicated that at the time of their original application only 120 meters was available. The station went to Shortwave in an attempt to get national coverage in Ecuador. Also, the QSL cards are printed, and are very striking with a picture of Cuycocha lake and the Cotacachi in the background.)

RANDOM THOUGHTS AND GRIPES FROM ALBERT A. MILLER

The decision some years ago by VOA to eliminate the identification of its various transmitter sites at s/on and s/off was not necessary. I don't accept their reason that the host countries were objecting to the practice. All governments in the world know where the VOA has transmitters!

DXING FEVER! CATCH IT IN THE PAGES OF SHORTWAVE CENTER!!!



VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

DXing With McMurdo Silver's Masterpieces
(produced from 1932 - 1938)
by Hardy Trolander

Following the meteoric rise and fall of Silver-Marshall, Inc. (1924-'31), Bill Halligan picked up its bankrupt pieces, used its name (Silver Marshall by the Hallicrafters) for a brief period, and then went on to write his own place into radio history. While Halligan was switching the Hallicrafters from home to ham receivers, McMurdo Silver was modestly beginning over again by switching his endeavors from mass production to top-of-the-market "custom built" home sets. In reality, from Masterpiece I through Masterpiece VI and bankruptcy again, the sets are more accurately characterized as being of limited production; for, though some were built to order, others were built on speculation. All of the sets, from model change to model change, followed nearly identical circuits, tubes and parts. The Masterpiece IV was an exception; as it was switched to many octal based tubes in mid-run. The Masterpiece I appeared in 1932. In late 1937, the Masterpiece VI (the finest of them all) turned out to be the harbinger of another business failure, and the end of the series.

All of the Masterpieces were designed and built to appeal to those who had the money to spend on superlatives; to those who wanted a radio that went beyond the more commonplace RCA, Spanton and Zenith sets. These receivers had to clearly establish their presence, and this was achieved in part by chrome plating everything on the chassis! They employed the most powerful speakers of their time; provided by Peter Jensen, a personal friend of Mr. Silver. While E. H. Scott's receivers got along perfectly well with somewhat hum-drum Magnavox products, Jensen adapted his then awesome eighteen inch electrodynamic theater speakers for home use as standard equipment on the Masterpiece V's and VI's. Thus, their speakers alone make these sets collector's items.

The Masterpiece V (below) rests on a Clifton cabinet ... art-deco at close to its best. The eighteen inch Jensen is inside, slightly offset to accommodate the power amplifier and power supply (two 6C5's, two 6L6's and two 5Z3's). Lift off the chromed cover of its RF chassis, and everything underneath is also chromed (the RF and IF cans, Variable condenser shield, and all of the grid cap shields atop its metal tubes). There are fourteen tubes in this part of the set, including the magic eye at the apex of the tuning dial.



But the guts of this set make it yet a great DX machine forty-five years after it was produced. Its tuning range is .44 to .42 Mc LW and .54 to 70.0 Mc covered in five additional bands. A single conversion superhet, it employs two-position IF selectivity at 5 and 12 Kc. Two tuned RF stages, with 6K7's in ceramic sockets, cover all but the highest band. A 6L7 mixer and 6J7 local oscillator feed the three stage (6K7's) IF amplifier at 465 Kc; while separate 6K7 and 6H6 tubes amplify and rectify the AGC voltage and provide the signal to the 6C5 magic eye.

Almost without exception, all trimmers and padders in the RF, IF and AGC stages are air-tuned; hence, re-alignment of these sets is rarely, if ever, needed. A 6Q7, functioning as the second detector and EFO, is followed by a 6L7, 6C5, and 6H6 in audio amplifier/volume expander configuration. The expander, which widens the volume range by boosting the strong portions and mulling down the weaker segments, is for the SWL but of no use to the seribus DXer. From there, the signal goes to the 6C5's of the power amplifier. Turn the volume control full up, and they drive the push-pull 6L6's (in class AB amp) to deliver 35 watts into the high-efficiency Jensen. From the standpoint of pure noise, if not fidelity, the audio output is awesome, and its sound pressure exceeds the threshold of pain for a considerable distance from the speaker.

Other features of interest to the DXer include a phone jack that kills the speaker, separate bass and treble tone controls that go from telephone sharp to wide range bass and treble boost, and mechanical band spread dialing through planetary ball bearings and split gears that are able to resolve, for example, 18Mc to a couple of hundred hertz with almost

imperceptible backlash.

The other side of the coin, briefly, is that this set is huge, heavy (more than 100 lbs.), and whatever else it does or does not do ... when the AC switch is turned on, it is a twenty tube, 195 watt electric room heater. There is no battery option.

But, how does the Masterpiece V fare in 1961? Should, or should not, a DXer who is also a fancier of old radios rush out and try to acquire one of these chrome-plated monsters? The following table represents my attempt to rate the Masterpiece V with several other sets of various ages, currently in my possession, in side-by-side comparison. The antenna used for this purpose is a seventy foot long-wire, oriented NE/SW in the attic of my house, and about fifteen feet above ground. The sets, listed alphabetically, are all in first-rate condition, and all comparisons were recently done on the shortwave broadcast bands.

MANUFACTURER & MODEL NO. OR NAME	Sensitivity	Selectivity	Background Noise	Freq. Stability	Audio Clarity	Birdies	RF Overload	Audio Output Power	Tuning Ease	Construction Quality	Level of Technology @ Production Date	Overall Rating	KEY TO RATINGS
Barlow-Wadley XCR-30	F	G	F	G	F	P	P	G	F	V	F*		* - Xtal Filter
Drake SSR-1	G	G	G	V	F	P	P	F	V	G	G		V - Very Good
National HRO-50T	V	V*	G	F	F	V	V	G	F	V	P	G	G - Good
1938 Scott Phantom	P	F	F	F	F	P	V	G	P	P	F	F	F - Fair
1936 McMurdo Silver V	V	G	V	F	V	V	V	V	F	V	V	V	P - Poor

It is recognized that these ratings, done by a single person, are likely not to be without personal bias. One or two additional comments may be in order. The Scott, for example, is an otherwise fairly high quality receiver if one discounts its cheap friction and string dialing system; hence, it cannot be given serious consideration as a DX machine. Furthermore, its ill-conceived, cats-cradle underchassis layout of parts and wiring destroys any appearance of care in design and assembly. The high static friction characteristic of the HRO dial system earns an otherwise very precise dial a fair rating for ease of tuning. The Silver is the only receiver in the group equipped with a bass tone control, and it is capable of extreme attenuation of the lower audio frequencies.

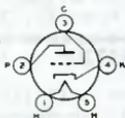
Although in this author's opinion, the Scott Phantom is somewhat disappointing, all of the receivers in the group are worth the attention of collectors and several are worthy DX machines as well.

Mr. Trolander began DXing shortwave broadcasts in 1934 with a homemade regenerative two-tube receiver. He is a Senior Member of the Institute of Electrical & Electronic Engineers.

TUBE OF THE MONTH

27/227 MEDIUM-MU TRIODE

The UY-227 triode tube was the end-product of research and development for a tube capable of operating its filament from AC line current. RCA requested this development in 1926 and several versions were forthcoming from the kind folks at Westinghouse. The prototypes were basically 01-A triodes (with minor differences in loads, capacity, etc.) and were called the UX-226. These valves, however, could not be used as detectors. Coincidentally, the UX-225 was developed utilizing an indirectly heated cathode rather than a filament. In order to eliminate the need for a grid cap on the top of the tube, Westinghouse suggested the use of a five pin base. The UX-225 designation then proceeded through a series of changes that included AY-225, AY-227, and finally the UY-227. The earliest 227 tubes were plagued by grid emissions due to their sheet metal anodes. These were soon changed to mesh plates; production bugs were eliminated; and the AC age was then under way.



MEDIUM-MU TRIODE

Class type used as voltage amplifier or detector in ac-operated receivers. Outline 26, OUTLINER SECTION. Tube requires five-contact socket. Heater volts (ac/dc): 2.5; amperes, 1.75. This type is used principally for renewal purposes.

27

I wish to thank you all for your warm reception and response. Without you; people like Hardy Trolander, Henry Shaw, John Vogelman and Ed Insinger; I'd feel like a voice in the wilderness. Remember, gang; you don't have to be old to be an olde tyme. 73 de *Gid*

KING

A SHORTWAVE SHORT, By Al Sizer

A new shortwave station in Lebanon has been heard since early February on 6215 kHz despite opposition from the U.S. State Department.

The station is KING, "The King of Hope" operated in simulcast with a medium wave station on 94.5 kHz called WORD, "The Voice of Hope" and TV Station HOPE, Channel 12, called "The Star of Hope" by High Adventure Ministries, Van Nuys, CA. as part of its Holyland Broadcasting Network. (Since the program is simulcast the only IDs that have been heard on SW are for WORD and "The Voice of Hope".) Do not confuse with the Voice of Hope program broadcast on nearby 6220 kHz on the facilities of Radio Andorra.

The medium wave outlet began broadcasting September 8, 1980. The stations operate with 30 kilowatts of power and are located in "Free Lebanon" in Marjayoun on the road from Metullah to El-Khiam in a mine field, according to George Otis, president of High Adventure. The location is called "Valley of the Springs" and its low level protects the station from shelling. The twin broadcasting towers are decorated with white peace doves.

Otis says the purpose of the station is "to help bring peace and give encouragement to the people under the guns of the PLO." The format has been country-western, gospelmusic, news, United Nations material and children's programs. Special selected and edited religious oriented programs in English Arabic and Russian round out the format. News every hour on the hour is in English, five times daily in Arabic and once a day in French.

There is also one other unique feature which Otis calls "God's commercials". At the end of each 15 minutes of music there is 60 seconds of reading from the Old Testament.

The station is not intended as a propaganda stage for politicians but as a project of God who loves peace, according to Otis. Despite this intention the project ran into flak from the U.S. State Department at the start. The U.S. asked for a postponement of broadcasting because of the lack of U.S. recognition of Free Lebanon and its fears for the station's staff's security.

However, Otis said the U.S. request arrived two days after test broadcasts had already begun and since the station "in no way interferes with U.S. or Canadian foreign affairs; it would proceed on schedule."

Further information on the disagreement comes from a series of articles in William Loeb's right wing Union Leader in Manchester, N.H. by Ray Saidel. Saidel said he was in the room when Otis received a call from a U.S. official in the embassy in Israel which, Otis charged, suggested that Otis was endangering the tax exempt status of his ministry by going ahead with the station. Saidel says he relayed the story to major newspapers and wire services in the U.S. but no one except his paper has printed it.

"It isn't pleasant", comments Saidel, "to have your government try to bulldoze you into shutting down a project you consider of great human and moral value."

Permission for building the station was given by Major Sa'ad Haddad, Free Lebanese military leader, who participated in the first broadcast. The station is located in a former Lebanese customs house. A Pat Boone rendition from the movie "Exodus" was among the first songs played.

Since Otis is a known friend of Israel and an enemy of the PLO the station received good publicity in the Israeli press and obviously did not displease the Israeli government when it began operations.

- 30 -

(Editor's notes) broadcast times for the 6215 kHz outlet have been noted as *0400-2200* GMT, varying a bit on either end. QSLs have been received from both Van Nuys, California, and Metulla, Israel.)

ANTENNA RESTORATION AND PRESERVATION by Andy Robins

Severe weather and man-made pollution are hard on shortwave antennas. Here in Michigan we have both in abundance. High humidity and corrosive compounds usually require replacing wire and coaxial cable every year, a practice I've followed for almost a decade. However, the rising cost of nearly everything, including wire and cable, forced me to think about ways of economizing. Here are a few tips I've learned that may be useful if you use uninsulated copper wire as an aerial.

When that year-old antenna comes down, it's difficult to remember that the black wire was once shiny, and that the coax efficiently conducted signals to your receiver. The soldered connections have been degraded by corrosion while the rot also was sabotaging the dielectric in the cable. Instead of

buying more of each once a year, think about restoring the wire you have and preventing damage to the lead-in.

Take that ugly black wire and let it soak a few days in a mild corrosive like distilled white vinegar. The Heintz variety sells here for about 70¢/qt. Your wire will look almost brand new. This isn't important for aesthetic reasons; those who've tried know it's almost impossible to get a decent soldered connection with wire that's not clean.

Prevent deterioration of the coax by sealing the end connected to the antenna. Instead of silicone gel, use a hardening compound of the "plastic rubber" kind. It stays flexible but keeps water out of the dielectric, stopping corrosion before it starts.

The cost of copper used in wire and cable, like all basic metals, is continually rising. Save money by recycling as much as possible. It'll help pay for that new Drake R-7.

FAVORITE QSL by Martin Foltz

Picking out a most prized QSL is fairly difficult when you have several nice ones. Like many, some of my best are plain looking, including several prepared cards. But the most prized is sometimes one you never expected to get. My first Peruvian report was to Radio Andina in Huancayo. It was't until a couple months later that I found out how hard it was to verify them. When I heard this, I put them on the "I've sent them a report" list and quickly forgot about the report. But 11 months later I received a form letter and their beautiful hand painted pennant. A nice surprise and my best Latin verie.

(Editor's note: Indeed, to this day your SWC editor's QSL from Andina ranks as his most favorite. The hand painted pennant? Well, I just think it cannot be topped, anywhere! I spent a good many years and many more reports to get that Gerente at Andina to answer my letters. It was well worth it!)

WORD PUZZLES by Jim McClure

SOUTH AND CENTRAL AMERICA RADIO STATIONS AND TERMS

J K Z A R A C A Y V U J P O B A E W D
O Q W C A O H U A Y A C O C O T L A V
I A M O U N Z B A C Q L B O J O A O V
J W Q T Y I J C W M D Z V S H H N A B
F D M S A T L A N T I D A T R M O E E
P F B C G M A V G Y R K G C B S I G C
A R I Y N Q F D S S K A A S L M C R U
P O Z G A N L A V O Z D E T X H A R L
Q D T W M F C J D N I M V L G J N P T
U A A V A W X P E T J L Y R I A L O U
I T D W R H L T B G I B C M M T D X R
T C K R A D A E I Z F B J C H I L E A
O E V Q C T R O P I C A L A P T A T L
V P G V U N R I P C O L O S A L V F D
E S T S B O G D C Q H I E B Y A A C L
L E S N C D H A E M A T U R I N P D N
H L I P B V I R A C M R V K K Q Y L E
J E C O S D E L T O R B E S C H I O Y

ATITLAN
ATLANTIDA
BUCARANANGA
COLOSAL
CULTURAL
ECOS DEL TORBES RADIO
EL ESPECTADOR
HCJB
CHILE
TROPICAL
HUAYACOCOTLA
IA VOZ DE
MATURIN
NACIONAL
QUITO
RAE
SUTATENZA
ZARACAY

Said a DXer in India's Darjeeling
"I've got an antenna on my ceiling
To hear RAI
And Radio Dubai
But that wire doesn't look too appealing"
Said a Russian Cosmonaut in Orbit
"I am about to take a fit
Coming thru the intercom
I can hear some
American ham saying da-da-da-da-dit!"
By William Wurtzel, The Rhyming Poet

MORE PLAIN TALK ABOUT ANTENNAS by Neal A. Perdue

6. Dipoles are fine if you are interested in directive reception (broadside to it's plane), but for general nondirective reception I recommend the inverted-V with a center angle of as close to 90 degrees as possible. Orientation of this antenna is essentially unimportant. I recently placed 60M inverted-Vs at right angles to each other just for a test of directivity. The difference between the two was undetectable. This test was run for over two weeks, at all times of day and night, with reception from many areas of the world. I consider the results to be conclusive. If you'll feel better placing your inverted-V broadside to your favorite target area, do so. But, if you can't, don't give it a second thought. Put it wherever it will fit. The ends of the inverted-V can be as low as 10 feet above GND.
7. An inverted-V should be fed with 50 ohm coax such as RG-58/U, a dipole with 75 ohm coax such as RG-59/U.
8. Insulated wire in no way impedes signal transfer in an antenna, and will greatly extend the life of the antenna.

DX SMORGASBORD

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

ON DX'ING: CENTRAL AMERICA

In April we looked briefly at several of the Central American countries. We'll finish that tour this month.

HONDURAS A couple of newer stations in Honduras were mentioned in April. Probably the Honduran first heard by most listeners is HRVC, La Voz Evangelica, broadcasting from Tegucigalpa on 4820 kHz. The station operates in Spanish from 1100 to 0300, and in English from 0300 to 0500 daily, according to a schedule recently received directly from the station. Observations indicate the sign off will vary 5-10 minutes either side of 0500. Reports in English are acceptable and they will verify, usually within a month.

R. Juticalpa is widely heard around 1100 and evenings to around 0600 on 4780 kHz. You'll do better to report to this one in Spanish. Try the NASWA Spanish language reporting guide.

There are other Honduran stations, but the last one we'll mention here is Radio Lux, in Olanchito. This station operates on 4890 kHz, and is most often heard in the evenings, to sign off around 0300.

As with all stations in the 60 meter band, or any other band, be sure you've got the station you think you have before reporting reception to the station or to the log report. The bands are crowded, stations change operating schedules, even frequencies, at times without notice.

NICARAGUA There are presently two stations known to be operating from Nicaragua. La Voz de Nicaragua, Managua, on 5950 kHz, is widely heard with its 50 kw transmitter. Try for them mornings after 1100, and evenings till around 0600. The station is being received with a strong signal as this is being typed, though with an annoying heterodyne. There have been some indications the station is also operating on the 25 meter band. A recent sked from the station quoted 11870 kHz (5kHz down from the frequency in use a few years ago). 11837 is another frequency sometimes mentioned. Whether they operate on 25 meters or not, those needing to hear Nicaragua can hear them easily on 5950. They QSL rather quickly, too; report in Spanish.

Another Nicaraguan known to be active is Radio Zinica, in Bluefields, on 6120 kHz. Try them after 1100. This one runs much less power (1 kw) than Lv de Nicaragua (50 kw), and is more difficult to hear. It is operating, though, so keep trying.

Yet another Nicaraguan known to have been operating in the recent past is Radio Hernandez de Cordoba, reported by Ernie Behr in the February Listener's Notebook to have been heard Christmas Eve 0440-0618*. This one seldom operates at times that it will propagate into NA. So, as Ernie suggested in February, try for it next Christmas. If you get it be sure to report it to Log Report.

PANAMA There is nothing currently operating from this country on the shortwave broadcast bands. The last station known to operate from Panama was La Voz del Baru, David, on 6045 kHz. It has been off the air for several years.

COORDINATED MONITORING EVENT

A Coordinated Monitoring Event is an effort, by concentrated simultaneous (or nearly so) monitoring by many DX'ers, to obtain a picture of shortwave broadcasting activity in a particular band, or from a particular region of the world....

This time the C.M.E. is one covering the 13 meter international broadcasting band, 21450 - 21750 kHz. To participate merely supply me with notes on reception of stations between 21450 and 21750 kHz from the time you receive this bulletin until the end of June.

Information needed, preferably in the order given, is: Frequency, Country, Station, Language, Time (in GMT), Target Area (if known), Date(s). Sign On, Sign Off, Fade In, and Fade Out times are of particular importance, as they help give an accurate picture of activity in the band. When you send your notes, send also a self addressed stamped envelope with postage attached for one ounce of weight. You will receive in return a computer printed summary of broadcasting activity noted by all who participate.

Overseas members may send 2 IRC's instead of the postage. I have mail for a number of different DX/SWL activities, including the bi-monthly computerized list of English Shortwave Programs (esp), personal DX correspondence, etc., arriving at my Post Office Box, so it would help me to keep things organized if you would note "CME" on the lower left corner of your envelope.... Be sure also to report appropriate loggings to the Log Report.... Back next month. Dan F.

IT SOUNDS TO ME!

BY ALVIN V. SIZER, 22 COUNTRY WAY, NORTH HAVEN, CT 06473

The text for this month's sermon is from an UPDATE logging:
"UAE RCTV DUBAI, 11755.. 'Breakfast Show' w/insipid McCartney tune and after I cursed the ubiquity of western pop mx it broke suddenly into AR lang and mx, praise be to Allah."

John Hedstrom, IL, from mid-February issue.

John's logging spurred me to comment. I have been long meaning to speak out about the deplorable trend of shortwave stations to forgo their own native, indigenous music in favor of Western pops. And by "Western", of course, I am not referring exclusively to country music, although that is also part of the problem, but rock, show tunes and what we call MOR or "middle of the road" music.

It isn't that I have anything against these types of music per se but when I turn on my shortwave receiver I am looking for something apart from my usual listening experience. If not, I would be content with local radio, TV, tapes and records. If I dial an Arabic station then I am looking for Arabic music' if I tune in Venezuela I hope for music of that country; if I'm lucky enough to get Indonesia then I'm seeking gamelan or some other local musical fare.

Instead, what do I get? Well, Hedstrom has pointed out what you're apt to find on an Arab station. From Venezuela or Colombia I might well hear the same selections I could hear in this country. Indonesia might well give me the "oldies but goodies" of a past generation that are being featured full-time on one of our New Haven outlets.

To cap it all, a Papuan station might beam back at me country music from the U.S. instead of the exciting ethnic output from its own terrain.

I'll concede this is not always true. There is still a good deal of interesting native music to be heard on SW. But the trend is there.

I first became conscious of this several years ago in listening to Radio Juventud, Barquisimeto, Venezuela, a powerhouse on 4900 kilohertz. It was featuring nothing but rock and its QSL card showed a teenaged couple dancing to disco stuff and bore the motto, "Une Emisora Joven para la Gente Joven" (A Young Station for Young People.)

You may object that Juventud, or the Papuans, are not international SW stations. O.K., even more regrettable. The home folks are giving up their own native music. Now Juventud seems to have vanished from SW. Is this coincidental or related?

Other S.A. stations are beginning to follow the new musical trend. Even in cases where they haven't gone for rock, they have increasingly deserted the more exotic for the more conventional. In this connection Stu Klein, N.J. noted in mid-April UPDATE noted that he had logged the Peruvian R. Atlantida on 4790 with power but "the trouble was they were playing Latin pops not the great local stuff I prefer."

There is another side to this question, of course. International stations might tell me that if they are to influence other peoples it makes sense to play the listeners' kind of music. An Arabic station like Dubai might well feel that to get their message across they have to play the kind of music that says, "Look, we're up to date, modern and not all that different from you folks."

On the other hand, the Voice of America, R. Liberty and Free Europe by sending our kind of music into tightly-controlled countries like Russia have built up an audience of eager listeners and forced the Soviets, for example, to loosen up their musical curbs somewhat. Russian music on the VOA wouldn't have the same effect.

To recap, speaking for myself and possibly for many of you, I do not go to my SW receiver for music I can hear at home. I tune in to be entertained and informed by something off the beaten track of my day-to-day routine. If I can't find it there, I will probably turn off my set.

Hey, I can hear the kind of music some of these shortwave stations in other countries are playing by opening my window wide and listening to the teenagers around my neighborhood playing their records!

Send those comments, whether you agree or not, to the address given above.

A PERSONAL NOTE: After 37 years in newspapers I have packed it in only to have my paper, The New Haven Register, ask me to continue part-time on my own terms. One of the things I'm doing is writing a weekly column, "Second Round", about people of the "retirement set" into interesting second careers, hobbies and volunteer work. I'm glad I have an interesting hobby like shortwave!

This Is The Way It Sounds To Them!

Feedback from April on Namibia and Paul Theroux as a Travel writer

Two items in my miscellany column in April have brought comment: my criticism of approval of Namibia as a country on the NASWA list and my defense of Paul Theroux as a travel writer.

NAMIBIA: I said that the NASWA Country Committee had "rightly" decided Transkei, Ciskei, etc. were nothing but South African satellites and denied them country status but should not have made an exception for Namibia. Note that I said nothing about apartheid or political philosophy.

However, Joseph H. Udelson, Nashville, TN, accuses me of being a "biased" editor and severely criticizes the decision not to include the above named countries as "unwarranted politicizing of DXing by the NASWA and as a member I protest vigorously against it as a violation of members' personal liberty and a distortion of the hobby." Udelson cites evidence to back his claim Transkei, Venda, Bophutswana, etc. are legitimate radio countries.

Don Jensen, chairman of the NASWA Country committee, in a five-page letter to Udelson, has explained the committee's action. This position is well summarized at the beginning of the NASWA "Radio Country List and Awards Program" booklet. Although Don's letter is too long to use here I'm sure he would send you a copy if you're interested or if there is enough demand we might have a separate article in SWC.

In an accompanying note to me Don emphasizes that apartheid, racial policies, et al have no bearing on the country list committee decision. "We have come in for some totally unwarranted 'praise' for our wise decision. Counting or not counting a country has nothing to do with whether its leaders wear white hats."

The decision to exempt Namibia was because of its history. It was a former German colony mandated to South Africa as a trust territory and not an integral part of South Africa.

Other comments :

CHRIS LEITHNER, Brentwood, TN: "I disagree in your assertion that Namibia does not have country status. I presume you mean radio country as there is a big difference between the two terms." Chris cites the historical factor noted above and concludes: "There are cultural, historical and linguistic differences between Namibia and the Republic of South Africa and for that reason the Country List Committee was correct in giving it 'radio country' status."

DON MOORE, Bellefonte, PA: "What I don't understand is the double standard of the NASWA Country Committee. The various 'republics' of the USSR are separate countries yet they are certainly no more independent than Transkei, etc. I would be interested in the committee's justification of this double standard." (I believe hobby history and tradition is the criterion here.)

JOHN C. HERKIMER, Caledonia, NY: "Your comments on Namibia were well expressed and certainly relevant in light of the committee's recognition of this as a legit radio country while snubbing Transkei."

Two comments came on my defense of Paul Theroux as a travel writer: **GEORGE SCHNABEL**, Rochester, NY: "The book by Theroux ('The Old Patagonian Express').. I too looked into it for a travel guide and found instead blather about obscure books written by 19th Century scribbler. How he could concentrate on reading those things while passing across some of the most interesting countries in the world I will never be able to grasp. The only great scene in the book is the futbol game in San Salvador." (Editor's Note: Paul Theroux does not write travel guides.)

DAVID L. WALCUTT, Houston, TX: "I was pleased to see your comments regarding Paul Theroux as I share your opinion. As a matter of fact, what is interesting is that Theroux is one of the few writers who gives passing attention to shortwave in a few of his works. Walcutt enclosed excerpts and I regret I don't have room to run them. But here are the references: "The Consul's File" (but Dave didn't have a copy to refer to); "Girls at Play" in the chapter entitled "Silence"; "The Great Railway Bazaar", Chapter 15 and "Saint Jack", Part II, Chapter 4.

Theroux in the last named mentions the "BBC Overseas Service" and David comments, "The use of the word 'overseas' rather than 'World' shows that Theroux, at any rate, is not a fanatic SWL. Nevertheless, it is interesting to see somebody mention the subject of shortwave at all. He has a very wry sense of humor which must be taken into account in reading the excerpts I cite, all of which are really quite satirical."

Theroux in the "Girls at Play" excerpt cites "Big Ben booming an intro to a BBC quiz", "the familiar harridan screeching the thoughts of Mao on Radio Peking", "the platitudes of the gospel station in Ethiopia", "vowelly Portugese from God-knows-where" and "a loudmouth on what B.J. privately thought of as the Force of Chermany."

ON THE ROAD IN SOUTH AMERICA

Juliaca -- by Pitt McNeil

(Editor's notes: During the past two years Pitt McNeil has spent a good deal of time in Peru, visiting various sites along with many radio stations. Starting this month, and continuing during the coming months, we will be running Pitt's impressions of the places he visited.)

Juliaca is a small, dirty, spread-out town in southern Peru, the connection point for the railroad going between Cuzco to Arequipa. Juliaca's claim to fame is its supposed cheap alpaca goods. Notice the "supposed." The market women have caught onto the game and are charging a higher-than-Huancayo price now.

There is little to see in Juliaca outside of the market. The countryside is boring landscape -- barren flat puna; so about the only thing to occupy time is to visit the stations.

Radio Juliaca, one of ENRAD's representatives in town, is located a block up from the square, in a small one-story abode-based building. A small sign, barely noticeable, announcing the station, is over the doorway. Through the door is the waiting area/auditorium, to the right a small office, and up ahead the small studios. The director invited me to sit down in his small portion of the office. It turned out that this gent was quite interested in reports, or so it seemed. He had his folder with all the reception reports received this year, in his top desk drawer. Beside each was the carbon copy of the station's reply.

Radio Juliaca became part of the ENRAD net in '72 or '73, I was told. It is running 1 kw on MW and SW, 1100-0400. Their antennas are located on a hill outside of town. (Editor's note: Pitt's visit took place about a year and a half ago, and since then the operation of Juliaca has been somewhat irregular. It was last noted at 0100 GMT by Jack Perolo in November of 1980.)

The studios were compact. The announcer, with one of those bassy Top Forty DJ type voices, was reading a series of ads (for businesses, called anuncios) which, while going across the air were also being taped on cassette, in the other part of the studio for future use. After being shown around the studios by the DJ, a remarkably short process, by the way, I did a special interview, including an ID announcement, saying, in effect, that when I'm in Juliaca, I listen to Radio Juliaca, and you should too.

After filling out my customary postcard of DJ for friendly stations visited, I went out in search of Radio El Sol de los Andes, which announces itself on the air as "the most powerful station in southern Peru." After being totally misled by two well meaning Juliacenos, I found the station, basically on the other side of town, in a more spacious building near a small park. As one enters, there is a large waiting room, with the offices--real offices this time, unlike Radio Juliaca's partitioned room--to the right, and the studio to the left, up on a platform. One looks in on the studio directly. There were a couple of turntables, a modest record collection, and a tape recorder or two. An LP of huaynos was playing. The only thing missing in the studio was the DJ, and one never appeared during my short visit.

The gerente's office was closed up for the day, I was told. And the secretaria's office had a long line of people waiting to give their mensajes (messages) or musical requests. Forseeing a long wait with a result of little more than a few minute's words with the secretary, I split, after looking at the list of the latest Top 20 per the Sun of the Andes. About five US disco tunes, whose names were unfamiliar to me--like all the disco tunes, for that matter, were on the list. Cultural imperialism strikes again!

Back near the square I found the last of the stations I'd planned to visit. Radio Collasuyo, named after the southern west quarter of the Tahuantinsuyo, the Four Quarters of the Inca Empire, has a colorful sign over the entranceway to the station. Like El Sol de los Andes, the station was running short of staff, at 10:30 a.m. a case of either being late for work or taking an early siesta. My introductory spiel about being a radioaficionado was cut short by the young man holding down the fort, who remarked that the station didn't broadcast on SW, and hadn't for quite some time. Asked when the station was planning to return to the shortwaves, he said "in a couple of months," which I take to mean any time between a couple of months and seven years. (Editor's note: indeed, at last look Collasuyo was still inactive on its 3250 frequency, and will most likely remain so. This, despite a letter to John Tuschcherer from the station indicating that it would return in January of 1980 on 3250 kHz, with more power. This is the basic norm experienced. Ask them and they will always tell you they are coming back on SW. It is usually the other way around!)

A Short But Very Efficient 60M Antenna, by Neal A. Perdue

A bet project of mine through the years has been to try to develop short antennas for use on the Tropical bands by those DXers with limited space. Many base-loaded and helically-wound vertical designs have been tried, some pretty decent, but I have never found a vertical which really approached the performance of a full size inverted-V or dipole on those bands.

Originally, when I came upon this antenna, I was trying out a 1/10 wave design which I had reason to believe might work. It didn't. In the course of the experiment, I disconnected the GND side of the antenna and there was an immediate and dramatic increase in signal strength. Using only one side of the inverted-V antenna, which is only 9½ ft. long for 60M operation, signal strength was within 1 S-unit of that on the full size 96 ft. inverted-V. An added bonus was significant noise-reduction properties.

I frankly do not understand exactly why this antenna performs so well in a region of the RF spectrum where "plenty of wire" has always been the accepted rule of thumb. But, it stands to reason that if you can't get ½ wave of wire up (two ¼ wave sections for a dipole or inverted-V) some length of wire must be better than some other length. "Get as much wire up as possible" is not a viable theory, especially now that most receivers have 50 ohm antenna impedance networks. Too much wire can actually hurt your reception. My 90M inverted-V is pathetic, without a tuner, on 60M.

This antenna is non-directional. It can be used, on the band it is cut for, without a tuner, but an inexpensive random wire tuner is recommended for optimum performance. Only the center-conductor of the coax is connected at the receiver or at the antenna switch, so the more expensive coax-tuner is not required. This antenna is not recommended for image prone receivers. It is definitely recommended for receivers with 50-ohms antenna input circuits, although the impedance of the antenna is not 50 ohms. Image prone receivers need resonant antennas to help them out. This antenna is not resonant, but provides the best performance of any antenna I've ever tried out which is not resonant. It is truly a remarkable performer, considering it's size. Typically, a loss of about 1 S-unit will be observed compared to a full size dipole. This is certainly negligible to DXers with limited space. Excellent results have been obtained here with a height of only 25 feet at the feed point. With a 90-degree included angle at the apex, at this height, only 55 feet of ground space is needed for the inverted-V, with rope coming right down to takes at GND level.

Regardless of location of the antenna, I would suggest forty feet of RG-58/U coax since that is the length used successfully here. It is questionable whether or not this section acts as part of the antenna when used as a "floating GND" as it is in this design. Actually, it's more like a shielded downlead. The shield of the coax is connected at the feedpoint as with a dipole to one leg of the antenna. The center conductor is connected to the other leg. The difference is that only the center conductor is connected to the receiver. For 60M operation, each leg is 10 feet long, with 6 inches folded back on the insulator. For 90M, use 14 ft., 9 inches on each side also with 6 inches of it folded back. A difference of an inch or two is no big deal.

I see no reason why this antenna could not be used indoors, in either a dipole or inverted-V configuration. Don't coil the coax, though as this will effectively load the antenna to a different resonance. Yes, it will, even tho it's shielded! If space limitations are all that are keeping you from Tropical band DX, don't pass this up. I've worked 12 years to come up with this one. It's a good one. Please use it, someone.

To those of you whose only hobby writing is to send criticizing letters to those who contribute to these columns, I say- don't knock this one on the basis of theory- try it out before you write and tell me it won't work. Also, try writing up your own experiences sometime rather than just pick apart the efforts of those who take the time to contribute.

- 30 -

SHORTWAVE CENTER SPOTLIGHT: The ANARC NEWSLETTER

The ANARC Newsletter is the monthly publication of the Association of North American Radio Clubs. Each month's newsletter is jam-packed with info about each member club, new equipment on the market, and a monthly HAP-report. It is edited in fine style by Jeff White, with able assistance from executive secretary Dave Browne, publisher Joe Barr, and auditor Mike Maghakaian. If you are interested in what is available from the various dx clubs in the U.S. and what they have to offer, then this is the bulletin for you. An annual subscription is only 5.00. It can be had by writing to ANARC Newsletter, 409 Laconia Lane, Schaumburg, Illinois 60193. Tell them SWC sent you! Why not pick up on a subscription today and enjoy yourself?

CQD... CQD... CQD...

The CQD, general call distress, was the equivalent to our modern S.O.S. call. In the very early days of radio; when wireless communications were of a purely utilitarian nature; this call immediately commanded respect.

Now that Mr. Peabody has repaired the "Way Back Machine", its time to take another trip back through radio history.

One of the main uses of early wireless was to provide a link between ships at sea, as well as between ships and land installations. Just eight years after Marconi's trans-Atlantic QSO, there occurred an incident which established the true value of radio contact. The year was 1909. Across the waters off Nantucket Island, the S.S. Florida plowed through the fog. She was destined to ram the S.S. Republic with a grinding crash.

A new toy had recently been installed aboard the doomed ship. A man named Jack Binns, the Republic's wireless operator, began to pound out a CQD distress call as his ship settled ever deeper in the waters of the north Atlantic. His call got out. His message was read on shore; and, more importantly, he was copied by other ships in the area. A rescue was effected with a loss of only six men.

This widely hailed incident was recalled just three years later. As the "unsinkable" Titanic slipped beneath the waves, the S.S. California passed by her unnoticed and unknown. Her radio officer was "off duty". Other ships had heard the distress call, but they were unable to respond in time. One of the results of this tragedy was the mandating of 24-hour radio operations.

Today, operators observe two silent periods to monitor distress calls. Special clocks are kept by naval and maritime radio operators that show two three minute pie slices (hl5 to hl8 & hl5 to hl8). During these "silent" periods, the officers take a break from rag chewin' to listen to the distress frequencies (500khz, 2182khz, and 156.8mhz FM). The combination of 24-hour monitor service and the silent periods virtually assures the quickest aid in an emergency.

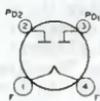
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TUBE OF THE MONTH

TYPE 80 FULL WAVE RECTIFIER

One of the most indispensable tubes in the history of radio is the 80 rectifier. This tube was originally developed by Westinghouse (1927) as the UX-280. The 280 was designed for use in battery eliminators which permitted battery sets to be operated from AC current. The type 80 tube saw wide service in radio power supplies throughout the thirties and forties.

Full wave rectifiers, as the 80, have a filament and two plates. As the AC cycle flows positive, the electrons are collected by plate # 1. In the negative half, plate #2 does the collecting. This fairly rough DC current from the transformer and rectifier is then rippled & smoothed by chokes and capacitors before leaving the power unit.

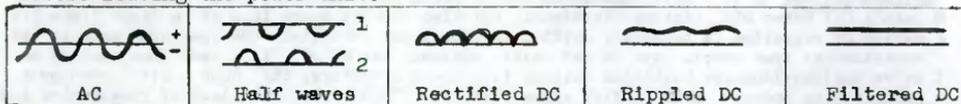


FULL-WAVE VACUUM RECTIFIER

80

Glass type used in power supply of radio equipment having moderate direct-current requirements. Outline 29, OUTLINES SECTION. Tube requires four-contact socket and should

be mounted preferably in a vertical position. Horizontal mounting is permissible if pins 1 and 4 are in a horizontal plane. Filament volts (ac), 6.0; amperes, 2.0. For filament operation, refer to type 5U4-G. Type 80 is electrically identical with glass-octal type 5Y3-GT.



* * * * *

Just a quick note. Thank to all of you who have written. Your cards and letters are what really make it all worth it. Special thank go to the guys who have offered to help with reviews, old magazine articles, anecdotes, etc. I can't promise to use every one in *Frendx*; I received about fifteen offers in the first ten days; but it appears that there may be more than ample interest to warrant a *NASWA* booklet at some later date (membership, Board and publisher willing). I would like to ask a favor of you. If you would like a response, please send me a *SASE* or postcard. There are about 2000 of us; and only one of me.

Coming up in future issues we'll have more nifty little stories and reviews of *Trans-Oceanics*, SP-400-X, SX-100, S-M Masterpieces, and much more. Don't touch that dial. Don't go away.

Listeners NOTEBOOK



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PROPER CREDIT

the NASWA Listeners Notebook.

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K E Y Letters along left margin enable you to spot items in categories of interest: D = death, E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, P = future plans, Q = QSL, S = stamps/postal, T = timezone jumps, X = DX programs, V = television.

ALBANIA R Tirana DS hrd *0300 on 5057 (WBI 16/4) Ex-*0500, partially due to DST there (gh) death, E = English, H = harmonic, J = jamming, L = program listening, M = mediumwave, P = future plans, Q = QSL, S = stamps/postal, T = timezone jumps, X = DX programs, V = television.
ALGERIA Alg R ancd 21/4 that DST of GMT+1 would begin at midnite 23/4, so all DS & ES pgms T hrd 1 hr earlier from 24/4 (WBI 23/4) EG ES hrd 25/4 2000-2030 on 25700 17745 15215 1304 & E 251 kHz (WBI 30/4) Good on 17745 6/5, not among fqs ancd; search 16m for them (Wolfson, NY)
ANDORRA [Cf May LN-1] Sud R continued daily BC on 819 since 6/4 but R Andorra 702 and AWR pgms M on 6221 did not return until 8/4, but 10/4 at next check and subsequently, neither was on X the air (WBI 16/4) Police closed R Andorra down 9/4 at 1900. The Amicié-DX pgm [in FR] has P been suspended but is considering using the RTE [Portugal] xmtr on 9760 [sic; usually 9670] (many reporters, SCDX 28/4) R Andorra still off, hope back soon (RN Espacio Diexista 16/5)

ANGOLA All the RNA EG xmsns now obs: Mon-Sat 1130-1155, Mon-Fri 2230-2255 in the ES; Sun/LN- E 1600-1700, Mon-Sat 1630-1700 V of Namibia; D 1730-1800 R Freedom clard pgms, all on 7245 7/14 9535 (announced as 9660) and 11955 (QTH Africa 10/5) Lobito 7000 erratic (Ginbey, RNMN 14/5)

ANGUILLA The Caribbean Beacon, 1610 kHz has a Spanish gospel show at 0300-0330, obviously M evangelical, all other times (during darkness anyway) in EG; don't confuse with another stn on 1610, non-evangelical SP, looping further west, believed Ecuador harmonic [qv]. Here's E their s/off at 0400: "This is the Caribbean Beacon, broadcasting from the beautiful island of Anguilla, West Indies. It is now midnight..." (then they give 690 & 1610 fqs) "...and at this time we are bringing to a close today's transmission. From 6 am this morning we have been broadcasting... (then they say they serve the community and anyone seeking to have public annts carried, please write) "... on behalf of the management and staff of The Caribbean Beacon, we say good evening and have a pleasant night. And as we leave you, we leave a special evening hymn." Then starts a long "Goodbye--Goodnight" hymn, sung by a man to 0405*. Per phone conversation, has been hrd well in Toronto; nice people (Maxfield Greenwood, 9/5)

ANTARCTICA R Nacional Arcángel San Gabriel hrd on 6030 but also on 11955 & 15476 testing as ancd, best here around 0100 with IDs each 3 mins giving fqs 2/4 & 29/3 (Emilio Pedro Povrzenic, Rosario, Argentina, May ADKN & Play-DX 27/4) Have checked 15476 often for 2 weeks at 0100, but no trace of it in May; not much chance of getting thru on 11955 due Lisbon (gh)

ANTIGUA [Cf May LN-2] Finally something in the press about VOA stn, an AP story 30/4 in San M Juan's "El Nuevo Día" (Antonio Fernández, PR) Also similar story from AP in Tampa Times 7/5 P saying US reception is temporary until directional ant installed; VOA spokesman said it was necessary as some people have SW but nearly everyone has MW rx; "it's been long needed" to serve English-language Caribbean nations (via Rusty Sereberg, FL) Good & clear even on a pocket radio indoors, high quality signal into Sam, 10/4 0215. With lack of imaginative and varied pgms on some regional MW stns, this VOA stn could have a large and ready audience (Ian Millett, Port of Spain, Trinidad) VOA J81 sked shows it sked only at 0000-0400 (gh)

Q Got QSL from Washington but they claimed I heard Marathon 1180! (John Santosuosso, RIB) Now that AP has carried the story, perhaps VOA-Washington will acknowledge it properly? (gh)

ARGENTINA R Municipal de Malargüe, unlisted in WRTH 81, believed the stn hrd 19/4 1017 w/Arg folk mx (mainly sambas) mixed with GMT-3 TCs; bad adjacent channel QRM and obliterated by R Provincia de Misiones at 1056; not Misiones at earlier hour as the 6160 pgm not //620 (Tony Jones, Paraguay, 22/4) That's it, on 6160 31/3 1030 ancing net w/R Nac in BA then abrupt w/off w/SP annts (Povrzenic, ADKN) New stn, 3 kW LW19, R Malargüe, address E. Aldao 350, 5613 Malargüe, Ma; MW is 1120, 5 kW (Povrzenic, WRTH-1A 15/4) R Nac Mendoza, 6180 now 24h on all days incl Suns (Tony Jones) RAE 11710 0100 26/3 in SP, not EG, u/Moscow splatter (Mike Shockley, NV, SPEEDXGRAM) A Thu, probably just running a few mins late; not hrd here since January; look at Brasil-17830 to see what 16m would do for them! (gh)

AUSTRALIA In a letter to Arne Skoog, former Nederland DX Juke Box host Dick Speekman says X he will be doing a DX pgm on R Australia, from late May or early June, monthly at first but

P maybe biweekly or weekly later (SCDX 12/5) Art Cushen told NZ Calling Listeners 18/5 that RA plans to put a DX pgm w/Speakman into xmsn sked possibly as early as 1/6 (Phil Ternahan, Kent WA) Dick Speakman was on hand with recording gear from RA during the ARDXC DXPO-81 in April interviewing those present; some may be on RA soon; plans are well in hand for a new L DX/SWL pgm on RA (May ADXN) RA pgm changes with J81 include weekly instead of daily shows on business and editorials; former Sun 0312 0512 1110 1312; latter Sat 0212 0412 1110 1312. Further changes as of 1/7: International Report replaced by Four Corners, Mon-Fri 1812 2012 2212 [Tue-Sat, presumably:] 0012 0212 1212; Focus on Australia becomes Australian Insight, E 1110 1312 1512 1712 1912 2312 (via Woody Seymour, NC) R Australia J81 EG: 1800-1900 on 5995 6045 6060 6080 9505 9580 11725 17795 21630. 1900-2000 same plus 11790 and 6060 to 1930 only. 2000-2100 9505(to 2030) 9580 11725 11790 17795 11770 6080(to 2030). 2100-2200 9580 11725(to 2130) 11790 15160 15240 17795 11770 21650 6035 11820. 2200-2400 15160 15240 17795 17890 21650; 6035 to 2230, 15310 from 2230; 11820 to 2330. 0000-0100 15160 15240 17890 21650 15310 21680. 0100-0330 15160 15240 17795 17890 21740 21650 21680; 17725 & 17870 from 0130. 0330-0400 15160 15240 17795 17890 17725 21650 17870 21680, 0400-0500 15160 15240 15320 17795 17890 17725 21650 17870 21680. 0500-0600 15160 15240 17890 17725 21650(to 0530) 17870 21680. 0600-0630 15160 15240 17795 11820 17725 17870 21680 17755 21525. 0630-0700 15115 15160 15240 11820 17725 17870 21680. 0700-0800 9570 11740 15115 15240(to 0730) 17725 17870 21680. 0800-0900 6045 9570 11740 15115 17725 15410 21570 21680. 0900-1000 6045 15115 17725 21570 21680(to 0930). 1000-1100 5995 6045 15160(to 1030) 11820 9770 11705 21570. 1100-1300 5995 6045 6080(from 1230) 9710(from 1130) 11820(to 1200) 17795 9770 11705 9580. 1300-1500 5995 6045 6060(from 1330) 6080 9710(from 1400) 17795(from 1400) 9640(from 1400) 9770 11705. 1500-1730 5995 6045 6060 6080 9710 17795 6035(from 1530) 9770. 1730-1800 5995 6045 6060 6080 (RA via ADXN) Regular xmsns commence this month from Au's first stn for the blind, "3RPH" [Radio for the Print Handicapped], Melbourne on 1705 kHz; initial budget \$35,000, P run by volunteers; more such stns shortly in Brisbane, Sydney, Hobart; sked local evenings but plans 24h (Melbourne Age 30/4 via ADXN) First test was 7/4, 500 watts, 1130 (Cushen, NZ, SCDX 19/5) Should make quite a DX target up over (gh)

AUSTRIA ORF's Austrian SW Panorama pgm is indeed carried at 0434 now GMT Mons on 12015 17745. X More often than not it contains some feature/DX material from gh you will not have heard on other DX pgms; everyone's invited to listen and send ORF your comments (gh)

BAHREIN Gulf News Agency says Info Min said a new radio stn would be built for Bahrain R in two P months, audible all over Gulf since new xmters would be 5 times more powerful (WBI 7/5)

BANGLADESH EG on 9575 0445-0515, hvy QRM, Saudi? (S Abeyesinghe, UADX Apr/21685 (Goonetil- E leke, ibid) Varies, announces 9550, *0600-1000* Bengali; move to avoid Bombay? (Sarah Weerakoon, Sri Lanka, DUDXS) Dacca also on 6145 1230-1315*, 5 mins EG 1255-1300; Delhi *1430 on this channel (David Foster & Geoff Cosier, DUDXS) Reception a lot easier for 1815 EG nx now that drifted to 11768 from 11765 (Finn Krone, Denmark, 23/4)

BHUTAN Per an ISI report, talks on greater economic coop w/India 1/5 in New Delhi included P discussion of plans by Bhutan to set up a 20 kW SWBC xmtc (WBI 7/5)

BOLIVIA R Machupo, 5431 definite ID 0115 & 0118 7/5, very weak & marginal but just enough to confirm it; about 400 Hz high (Maxfield Greenwood, Devon PA) R Illimani, 6025 & 4945, both very strong 0132 ID, light mx; did not move as predicted in May LN, but power seems much higher (Ernie Behr, Ont, 6/5) R Florida on 3262 ex-4868 (Stig Hartvig Nielsen, Denmark, WRTH LA 15/4) R Panamericana is on 6105 as authorized fq, not xmtc problem, 1030-0500; opens w/"Buenos Días, Bolivia" pgm (Chris Martin, Sydney NSW, RNMN [R Nederland Media Network] 21/5) 6100, hrd at 0200 25/3 & 30/3 (Povrženic & Ink, Argentina, Play-DX 27/4) Cf May LN-2 & 3, some updating info: 3480 R Padilla 2300-0200 daily. 4708 R La Voz de la Frontera, irregular, some morns 0930- (nominally *0900), to 1100v, occasionally eves from about 0000 to 0330*. 4875 R La Cruz del Sur, *1000 (ex-*0930) since early Apr; rest of sked same. 4980 R Batallón Topáter, often f/in later than nom *1000 (Sun *1100); s/off remains 0500* Mon-Fri, 0400* Sat, 2400v0030* Sun (local days). 5265 R Centinela, *1130, 0230* (Sun tent *1230 & 2400*, tho both may vary, further checks needed). 6146 R Luis de Fuentes *1130 daily but Sun s/off is variable, 1800/1830/1845/1900*; weekday s/off unknown (Tony Jones, 22/4)

BOTSWANA Reports that 9590 inactive are wrong; hrd daily 0635-1415; but during school holidays is used Mon to Wed only at 0900-1415; 10 kW; also active are 3356 4845 5965 (QTH Africa 30/4) 4845 hrd 27/4 during big Af opening, 0428-0448 IDs, Am soul mx, pop, hi-life (Max G)

BRAZIL [Cf Apr LN-4] Am quite certain the strong OC on 6154.5 is R Cultura da Bahia; finally showed a weak, barely audible trace of mod 15/4 0105 songs & anmt in Braz PT to 0123* abrupt s/off; 9594 also very weak and off same time; carrier on 9577 is still there most days; Cf May LN-11, Bayrak was just a guess, disregard; R.Cultura hrd 1/5 again on both fqs to 0232*. R Record is using all 4 SW xmters Sats only, hrd 2330-0230 Brz mx & IDs on 6055 9505 11965 15135, all strong. 26/4; ancd 50 yrs on air. R Clube Ribeirao Preto, 15414.75, 26/4 from 0030, fair w/PT sports. R Transamazônica, Acre, 3525 and R Jornal da [Estrada] Transamazônica, Altamira, 5025, are two different stns, often confused, cf May LN-3 (Ernie Behr, Kenora Ont) R Dif Poços de Caldas, 4945, *0800, not 0830 as in WRTH (Tony Jones, Paraguay) R Timbira do Maranhão still on 15215 days; R Marajoara back on 4955 to 0400* after tech problems (Djarcy Frank Silva, Belém, May SPEEDXGRAM) R Timbira, 4975 from 0840, rustic Braz mx, IDs, SIO 423 with ECSSB to dodge a ute (Maxfield Greenwood, ME) Hrd at poor level are R Por um Mundo Melhor, 4855, almost daily after 2300; 6/5 R Alvorada 3335 0135-0200+, R Clube Marília, got an ID at 0105 peak 6/5 on 3235; R Cultura Poços de Caldas, 3265, 0110-0132 SIO 232, much chatter, rustic ranchera, mx typical of Mato Grosso (Maxfield Greenwood, PA) The SW site of R Brasil 4785 is Campinas, 1 kW on 4785, while their MW 1270 is in Valinhos. SW Q sked is 0500-0100 local; director Dr Synésio Pedrosa says they answer all reports if return

postage is sent. Pgm is mx, info, nx, sports; PD is Dr Ralfo Pedros; Tech Dir is Sérgio Erick Schmidt de Andrade. Addr is Rua Benjamin Constant, 1214, 5º Andar, Caixa Postal 625, 13100 Campinas, São Paulo (Torre Ekblom, DSWCI Apr) R Nacional, Brasília ancd 6/5 that they had begun the day before a daily 15-min PT ncast for Brazilians abroad, immediately preceding all EG xmsns, i.e. 1845, 2045, 0145 (gh) RNB Sunday Specials alternate music and talk features: 7/6 Precious Stones Industry, 14/6 Instrumental Mx, 21/6 Alcohol as Fuel, 28/6 Roberto Carlos, the Singer (from a sked thru August via Munz & Munster in June RIB) LN-14

BULGARIA R Sofia ancd 22/5 this revised sked for the xmsns carrying its DX program: Fri X 2130 on 11720 11750 15135; Sat 0000 15110 15330, 0730 9590 11790 [had it as 11970 in May LN] E and 15160; Sun & Wed [?] 0000 & 0430 [?] 11750; 2230 15110 15330 (gh) [Cf May LN-14] another Af svc is at 1830-1930 on same fqs as 2030 (WBI 14/5) R Sofia is running a contest; post-mark deadline is 14/6; first prize a week in Bulgaria; listen for details but only if you know whether buffaloes, tuna-fish or dingoes live in Bulgaria (via Rowland Archer, June RIB)

BURMA Indigenous lang svc on 4725 seems to s/off at 1445 daily, ex-1545 (Goonetilleke UAX)

BURUNDI LVR says two diff xmters are used on 6140, one 10 kW, other 25. Sked: 3300 25 kW at 0330-0600 & 1600-2100. 6140 25 kW 0600-1600 & 10 kW 1600-2100. No mention of EG (Paul Kargianis, UK, QTH Af 10/4) EG is 1645-1700 on 6140; now both xmters on 6140 rather than one on 6142, and the switch occurs at 1700 after EG (Miki Včelař, QTH Af ed)

CAMEROON Stn on 3762 thought to be Garoua, EG & FR from around 1600 to 2130 fade; distorted signal (Craig Seager, Bathurst, RA DX 10/5) 25/4, not // 5010 (Craig Seager, Bawley Point, ADXN) Sounds like rx fault, or xmt fault; doubt a sked opn (Peter Bunn, ADXN ed.) INDO LN-5

CANADA RCI strikes have spread from journalists to other unions resulting in disruptions of programming and/or transmissions around Mayday and again from 19/5. If this occurs on a X Friday, gh's DX news cannot be taped; the rest of DX Digest could only be carried because Ian McFarland pre-recorded it before leaving for a month in Europe. When NABET strikes nationally against CBC, the Sackville xmters themselves are closed down. Unless all this is P settled soon, which seems unlikely, RCI and its listeners are in for a very bad and frustrating time. Not to mention continuing propagation disturbances often making RCI hard to hear even in NAM even when it is operating normally (gh) CFCX 6005 hrd as early as 2000, 18/5, SIO 454, but I suspect it could be heard earlier (Joe Hanlon, Philadelphia) Yes, within a certain radius of Montréal, local noise level permitting, CFCX should be audible all day long, perhaps with CFRX the only signal on the 49mb at midday (gh) Window for CHNX 6130 reception is around 2335 to 2350 when VOA carrier on; and must wait till VOA [Munich] 2230*; however there can be QRM from Laos (Paul Karigianis, UK, SDCX 19/5) Tsk, task (gh)

CANARY ISLANDS [Cf May LN-4] The DX pgm starts earlier than sked 2205 and appears to be a X repeat of last night's one from Madrid, not locally produced (gh) CHAD LN-14

CHINA On 24/4 R Moscow DS reported that the "Peking authorities" had agreed to construction P of a VOA stn in China, based in Canton "against USSR, Vietnam, Korean PDR, Kampuchea, Laos, Afghanistan, India". RMMs carried a similar report claiming unambiguously that VOA xmters themselves would be in Canton. V of Vietnam also quoted Nhân Dân newspaper 25/4 on this (WBI 30/4) CPBS Peking reported 30/4 that TASS & Pravda had "fabricated more sensational news" charging that China had agreed to VOA stn. CPBS then quoted acting VOA director as saying 24/4 that VOA had no plans to build a stn in China (WBI 7/5) RFE/RL does not plan either to broadcast from China; most of our audience is in EU & W USSR; I hear from an emigré that R Liberty is now audible in Moscow since some of the jammers are used against VOA (Stanley Leinwell, RFE=RL, RNMN 21/5) Inner Mongolian PBS, Hohhot Std Ch svc on 7300 is at 2130-1530 Mon-Fri; Sat & Sun 2130-0540 & 0930-1550, per obs & anmts (WBI 14/5) QSL via R Peking for Xinjiang PBS, 5800, hrd at 1900 27/3 says 30 kW (Allen Hughes, Sunnyvale CA)

H Fuzhou pgm I at 1145-1230*, 2130-2330f on incredible 11th harmonic of 2340, 25740; also hrd on 2nd, 3rd and 9th harmonics, 4680, 7020, 21060 (Geoff Cosier & David Foster, Australia, E Down Under DX Survey 27/4) Std Fq stn BPM on 15000 has added EG anmts to Chinese, hrd at 0859 & 0929; also the times are not listed in WRTH (Finn Krone, Denmark, 23/4) Some R Peking pgm highlights for June from a longer listing in June RIB: 7/6, Chinese Idioms and Their Origins; 9/6 a bamboo museum; 18/6 puppet shows (gh)

COLOMBIA R Nac, 15495 0405 28/4 // 15333, classical mx, mushy, harmonic? (Chuck Oliver, TX) No (gh) 15496a, half AM, half SSB, Haydn 2100, ID 2130 for 570; strong Arab QRM 15495 to 2110 (Steven H Reinstejn, FL) Obviously a feeder to other R Nac stns in the country (Chris Martin, Australia, RNMN 21/5) Not so obvious; a rather high fq for close-in coverage (gh) R Nac on 6377, 1102 6/4 (Craig Seager, ADXN) They've FM net; SSB maybe for San Andres (gh)

COMORO ISLANDS NO EG at 1600 on 3331 as in WRTH 81 (Victor Goonetilleke, RN DXJB 23/4)

CONGO Af unID stn on 15190 in FR 2200, Congo back? (Rolf Gunnar, CO, 10/5) LVRC Brazzaville, E 15190 2135 EG talk, 2200 Af mx, FR ID, NA to 2300*, strong carrier but weak mod, 16/4 (Ernie Behr, Ont) Reactivated, 25/4 2250 (Padula, ADXN) Maybe extended sked 11/4 to 2300*, not hrd since (Craig Seager, ADXN) Pointe-Noire, presumed, dead-on 4843 just below Botswana, 27/4 0449-0520 fade, SIO 232, traditional & hi-life mx; 4 kW (Maxfield Greenwood, PA)

COOK ISLANDS Rarotonga more or less regular on 11760; Thu 2/4 0811 request pgm (Craig Seager ADXN) 27/3 to 0900*, good (Gerry Rosam, NSW, ADXN) RCI on 11760 0548 full ID, 0600 RA nx relay, island mx and phone calls to 0910* 26/4; almost as strong as Tahiti (Behr, Ont) 30/4 on 11760 0659-0908*, fair strength but somewhat undermodulated; low-pitched het to about 0755, then fq wide open; TCs, IDs always buried in middle of DJ chatter; island & US pop mx; off 0908 w/choral anthem. Also 1/5 0735-0906*, talk to 0800, YL ID, ABC world nx, pop mx to 0906*. Many tnx to Bares for tip (Scott McClellan, MI) Not audible 3/5 tho fq open; wonder if certain days only or if they've left 11760 (ibid) Nor audible 2/5 (ibid) 11760, 10/5 E 0730 fade in w/M anc, Maori w/phone reqs, South Sea Is mx, all Maori until EG ID 0912, cho-

ral anthem, 0915* Maori ID, carrier off 0918; good carrier but weak audio (Chris Lobdell, MA)
 E) 10/5 0615 past 0908 t/out; lady host to 0700 w/some EG, IDs 0634, 0700, then M host, mostly in Maori; poor sig; 11/5 far superior 0615-0818, pop mx, TGs to 0630, then classical or vocal mx, 0659 drums, 0700 ID, US pop, disco, SPac; 0815 ID, mention 25mb, then Sherlock Holmes drama (Mike Bolitho & Neil Wolfish, Toronto, Ont) 11759.5, 10/5 & 11/5, 0630-0818, Maori w/some EG, numerous IDs; poor to fairly good; 0815 Sherlock maybe RNZ or BBC tape; hrd on a makeshift window-to-window antenna rather than a 420' FIBS beverage. I'm sure Nooroa will get writers cramp signing all the veries on this one--Cook is no longer rare DX, even in Toronto! First heard about 11760 from Arthur Cushen on RNMN [7/5]; probably the strike delayed gh's usually prompt info on this one (Syd Osterman, Ont) Tsk, tsk, I had it on DX Digest 25/4; you must pay closer attention, hi. Taped 11760 11/5 0750-0800, guess it's (gh) I don't doubt these reports are all correct, but beware of Swaziland, listeners closer to Africa, cf LN-9 (gh) & BBC Cyprus on 11760 (Newton, GA) Yes! WS *0600 past Cook s/off (gh)
 COSTA RICA On 16/4 R Nacional hrd on new 6035 as ancd //575 & 101.5 (WBI 30/4) 16/4 0150 on 6035, saying 6035 was for abroad, thanking people for listening; maybe using Faro del Caribe xmtx? ("MAC", Play-DX, Italy) R Nac suddenly on 6035, just 5 weeks after R Noticias del Continente xmtx vanished; from 0100 SP talks, many IDs to 0300 VOA s/on; strong. Strange things happening down there, 6/5. Cf May LN-4, don't know what RCI has to do with a Marxist 'net of solidarity' in Cam, but they better not waste tax dollars on such schemes (Ernie Behr, Ont) TIRN, R Nacional on 6035 since 15/4, 1000-0600 (Sun 1200-0600); also plans to go on 9615 [former R Noticias fq] (Giovanni ---, Québec, SCDX 12/5) R Sandino in Managua failed to carry pgms made by Intl Net of Solidarity w/RNC on 7/4 and subsequently; had been Tue-Sat 0530-0600, 0615-0645, 0730-0800 (WBI 16/4) Mx and SP annts 1200-1300 28/3 on 9643, presumed E TIFA (Mike Willis, Vic., ADKN) R Casino, 19/4 on 5954, comedy in EG (Mike Westphal) Time? CUBA RHC playing musical fqs for 2050-2140 EG xmsn; last week on 15230 & 17705; 10/5 today E on 15155 only (Rolf Gunnar, CO) Mostly on 15155, others probably switching error (gh) RHC on 17480 at 1840 18/4 (Chuck Oliver, TX) Mix or spur (gh) Awful mess from RHC; 190C 24/4 I tuned-ear for FR on 11920; strong but also hrd on 11950 11940 11930 11910 11900 11890 11860 11800, all of which carried identical RTTY-like QRM. Hrd on 3 different rx and ants. All this hash hrd four times this week on 25m, and previously on 31m; combine all this debris with J Soviet jammers and you have a nearly useless band. A commie plot? (Steve Reinstein, FL)
 EYCPURUS Due to DST since Mar, R Bayrak EG nx at 1115 & 1730; GK 1100 & 1700 on 6150v(WBI30/4)
 CHILE [Cf Mar LN-4] The report that R Patagonia Chilena was on 6105 is completely incorrect --it is still on 6080, and it did not come from me (Carlos Maslatón, Argentina) Very sorry--the WRTH IA editor has the annoying habit of identifying contributors by initials and not explaining them--this was from "CMA" which I took to be you (gh) R Agricultura well hrd at J 1015 on 9630 w/political cmtry, the jammer on fq (Don Moore, Bellefonte PA)
 DENMARK R Denmark sked, all in Danish on 15165; 0900-0955 SEU/WAf. 1000-1050 Greenland/Pac DS relay. 1100-1155 FE/Au. 1200-1255 SAs/PG. 1300-1355 ENAM/Carib/Grnld. 1630-1730 Grnld /Pac DS relay. 1800-1955[sic, means 1855] NAM/Grnld. 1900-1955 ME/Eaf. 2000-2055 Sam/Carib 2100-2155 SEU/Af. 2200-2255 FE/Au. 2300-2355 NAM/Grnld (WBI 14/5) Besides being one hour earlier due to DST, this is considerably at variance with WRTH 81 which i.a. omitted the 0000 broadcast to NAM, and shewed xmsns in the 1500-1655 gap; and targets differ (gh)
 DODECANESE ISLANDS VOA Rhodes extracted from J81 sked, all 50 kW to Naf/Eu/ME. 5965 0400-0600 6015 1620-2200. 6080 0320-0400. 7205 1620-2100. 11805 1500-1720. 15195 0330-0600. Times are apx from graph bars, but beware other sites immediately following on some fqs: 6080 Wofferton, 7205 Tangier, 15195 Tangier; 11805 simultaneous with AFRTS-Delano (gh)
 DOMINICAN REPUBLIC [Cf May LN-11] Tentative ID for the 2720 stn is R Rutas Musical, La Romana H on 2nd harmonic of 1360; can still hear carrier but no audio since I was in Maine (Greenwood)
 ECUADOR Letter from Clayton Howard says he will be going back to US on leave for a while, so F we'll be hearing a new voice on DXPL in the near future (Lani Pettit, IA, 3/5) HCJB J81 EG: X Nam 1200-1600 15115, 1200-1430 11740, 1230-1600 17890. 0030-0700 9745 26020, 0030-0200 E 15155, 0030-0230 17885, 0030-0500 15360, 0500-0700 11915 & 6095. SAM 1200-1600 15115 26020, 2330-2400 15180. Eu 0600-0730 15235 11835, 1700-1730 21480 17835. 1900-2000 26020 21480 17835. 2130-2200 26020 21480 17835 15295. SPac 0700-1030 11900 9745 6130 26020; however at 0800-0930 9745 and 11900 carry a separate pgm (HCJB) 17835 quickly went back to 17790 after J they realized there was jamming on 17835. 26020 more like 26021; QRMing SRI from 2200 in SP on 15305 (gh) R Ondas de [1] Zamora, 4858, 0940-1010 fade 8/5, poor and fading but positive ID; listed s/on is 1130; I don't see this being logged. Listening to Caribbean Beacon on H 1610 21/4 0100-0400 I picked up a 1AM stn in SP w/ID containing the syllable "cal", looping 10-15° west of Anguilla, and since 805 kHz is the only possible fundamental I tentatively ID this as R Canal Tropical; don't confuse with Beacon's SP at 0300-0330 only (Maxfield Greenwood, PA) R Melodía, Quito on 3375 ex-3370 (Stig Hartvig Nielsen, WRTH-IA 15/4) [Escuelas] Radiofónicas Populares, Riobamba still hrd on 3985 despite reports it intends to switch to 60m; hrd from *1000 to 1130 fade; sometimes Indonesian co-channel (Craig Seager, RA DX) R Circuito de Emisoras Iris is new name for 3381 stn, hrd 5/2 0140, 522. (Povrzenic, UADX)
 EGYPT Tnx to tip from Ken Zichi, R Cairo noted again on 12000in AR 0000-0200, EG 0200-0330 E to Nam (Andy Newton, GA, 29/4) Maybe moved from 12005? (Chuck Oliver, TX, 28/4), No, 12050 (gh) 12000 0230 4/5 (Joe Hanlon, PA) EG and other Eu langs one hour earlier on 9805; EG at 2115 (Tony Legendre, France, SCDX 28/4) -2245 (gh) Rest of R Cairo xmsns seem unchnged in time (QTH Africa 30/4) V of Africa EG pgm of R Cairo, 1730-1930, as well as EG 1630 on 15257 H instead of 15255 (QTH Af 20/4) R Cairo EG to Eu hrd on 19610 (2 x 9805), and in AR on 19358 (presume Cairo 2 x 9675v) both at 2215 (Don Moore, Bellefonte PA)
 EL SALVADOR ACAN reported 7/4 that the natl radio net imposed on Sal stns by the govt 10/1

has been reduced to a 20-min pgm daily at 1830-1850. It had been at 1300-1400, 1800-1900 and 0200-0300 (WBI 16/4) YSS still active on 9553, e.g. around 0100 (gh) EQ GUINEA LN-14

FINLAND R Finland and it would add 17800 for the 1200 EG to NAM, instead of using the xmt r E for Eu/Af (Sam Ward, OH, 29/4) ex-15265 (SCDX 12/5) Much-needed improvement as // 15400 gets absorbed (gh) On 11830 ex-11755 for FN to NAM 0335 25/4 (Bob Padula, Australia, ADXN)

FRANCE RFI on unlisted 15125 at 2210-2300 with election returns 26/4 (Ralf Munster, GA) Used E it again 10/5 // Gabon 15435 (gh) Paris Calling Africa J81 1600-1700: 15300 11845 15315 17850 17720 21515 21580 21620 25820 (via Charles George, TX) Reports elsewhere that certain of these are Sunday only result from misinterpreting the sked; the Sun-only business applies only to the 1500-1600 period (gh)

GABON TDF fq sked for J81 shows RFI in FR to Af via Moyabi 1800-2130 on 15435 & 7170 (WBI 23/4) RFI relay obs on 11930 & 15435 since 12/3, probably ANO, 1900-2130* in FR (Ernie Behr, 14/4) Africa Number One, 15435 is the only audible RFI relay, 1900-2130* 22/4, a split second behind numerous Paris fqs such as 15425 15300 11930 11805, correcting above report. No sign of ANO on 21680, cf May LN-5; another SCDX fantasy item? (Ernie Behr, Ont) No GM is hrd --indications are it is not carried at all via Gabon (SCDX 12/5)

GERMANY EAST RBI again noted on 11975 ex-11970 for WNA 0230-0315 (gh)

GERMANY WEST An informed source tells me that DW will expand its NAM svc in EG to 50 mins as E of 6/9 (Kim Andrew Elliott, MA) DW EG to NAM for J81: 0120-0150 from German sites: 6085 500 kW 300P, 6145 500 285, 9565 2 x 100 kW 295 & 320P, 11865 100 295, Malta is also on 11865 250 kW 275P, and 250 kW 2900 on 9590 & 15105. 6040 Antigua 250 kW 340P. 9545 is sked as 50 kW, 0/180P, therefore Montserrat, but not hrd in months. At 0530-0550: Germany 500 kW on 5960 285P, 6100 315P, 9650 330P, 11905 300P. On 11905 a second German xmt r with 100 kW beams 320P. Antigua 9545 250 kW 340P & 50 kW 11705 180/360P=(Montserrat) Previous reports of G.G. Thiele's retirement were premature, but he was expected to retire in June (Ralf F Munster, GA)

GUAM After 3/5, KTRW QSL policy modified--minimum of 30 minutes program content must be reported. And for airmail replies, 3 IRCs are now required(KTRW via Bob Reinecker, PA) But X we still QSL year round and do not limit them to one per listener. Celebrate the first anniversary of DX Listeners' Log by reporting it during June; if you request it, we will send S a photo of the DXLL staff (Gary Whitmore, KTRW, 3/4) Domestic US postal rates apply to and from Guam, so the 3 IRC bit is for others (gh) Tentative J81 sked: Xmt r One: 0458-0700 on 17830, 0815-0957 11735, 0958-1057 15240, 1058-1429 11735, 1430-1600 11895, 2058-2158 11800, 2159-0130 17800. Xmt r Two: 0457-0700 15150, 0745-1059 11840, 1100-1358 15350, 1359-1600 on E 9510, 2058-2129 11945, 2130-2229 15135, 2230-0140 17770. EG: 0745-0930 11840, 1430-1500 9510, 0000-0140 17770 (KTRW via NASWA HQ)

GUATEMALA R Chortiz, Jocotan sked on 3380 is 1055-1230 & 2125-0330, in SP w/mx, bible study, educ study (M Witte, MA SPEEDX) R Cultural, TGNA sked: Mon-Sat 1100-1115 SP, 1115-1200 local lang, 1200-0300 SP, 0300-0430 EG, 0430-0830 SP. Sun 1200-0030 SP, [GMT Mon] 0030-0430 EG, 0430-0830 SP (C Stark, ibid) NY, 29/4, RIB)

GUYANA For a dilettante's news of C&SAM, 5950 is startlingly loud at 0900 (Darryl Holland, / HONDURAS [Cf May FRENCH-42] I should not have been credited with the ID "LV de Justicia" for 4910--I have always reported it as LV de la Mosquitia, which I believe to be correct (gh) Is sponsored by the Global Outreach Mission of Box 1, Tupelo MS 38801. Ancr said reception Q reports to that addr would get a QSL sooner, as hrd 13/5 during 0100 EG (Chuck Bolland, FL) E LV de la Mesquitla [sic] noted on 4910 0100 4/5; either mod level very low or there was another carrier on fq; was apparently off the air most of Apr (May SWNS)

INDIA AIR GOS to NEAs 2245-0115 on 15275 ex-15280 (R Australia Japanese DX Time 12/4)

INDONESIA R Moscow abandoned 11790 freeing V of Indonesia at 1400; they landed on 11720 E wiping out the CBCNQSWS. Figures, doesn't it? (Rolf Gunnar, CO, 10/5) During Apr trip to SEAs, VOI not hrd at all on 19m (SWNS May) RRI reported 11/5 that the radio director had P told his staff that two 230 kW xmt rs are to be built in 1981--one in Medan and the other in Jakarta (WBI 14/5) Odd figure; perhaps they're 500s with inefficiency assumed (gh) Delete RRI Balikpapan, 3317; this was never on the air (Geoff Cosier, Bali, UADX) RRI Kendari, 3762 [cf Cameroon, LN-3] vy strong, 1358 ID and // 4000 28/3 (Robert Yeo, ADXN) RPDT2 Tana Laut, Pelehiari is new stn on 3578, local mx 1400 (Goonetilleke, UADX via SPEEDXGRAM)

IRAN VOIRI DS obs: 15260 0750-1610. 15084 0230-2030. 9770 1615-2140. 9022 0230-0750. 7230 2030-2140; times vary considerably. Also traced on 3778, 7 12/4 1720, 25/4 1900. At 2030-0230 15084 & 9022 carry Familiar Voice svc in Persian for abroad, including relay of DS nx 2030-2130; at about 2140 9720 joins this svc; also includes AR pgm 2230 (WBI 30/4 & 7/5) 3779 *1430 // 15084; in 1972 3780 was used with 100 kW (Victor Goonetilleke, ADXN May)

IRAQ R Baghdad has appeared on 13m w/super power, probably 500 kW, first noted 17/4 on 21600 E in AR 1800-2308*v, a week later on 21585 w/EG *0300-0400*. V of Masses in AR *0500-2428*v, incl various revolutionary pgms 1800-2200 (see CRANNY). All times vary. Also on 15105, AR VOM pgm 0230-0505* one day only, 30/4; was // 21585 but no EG on 15105 (Ernie Behr, Ont) 14/4 VOM obs on 21600 at 0400-0620* (WBI 16/4) 21600 seems almost 24h, // 17780 9500 7180 (WBI 23/4) VOM now hrd 0230-2315 apx on 21585 & 15105 ex-21600 (WBI 30/4) VOM on 15400 ex-15105; at 1000 4/5 // 21585 11935 9745 9555 6095 (WBI 7/5) VOM obs sked: 17780 0800-1730. 11935 0600-1200 & 1500-2330. 11782 0230-1730. 9745 0500-1300. 9555 0230-1500. 7245 0230-0800 & 1600-2330. 7180 0500-0800 & 1600-2330. 6095 0230-1200 & 1300-1730. VOM also continues, perhaps experimentally, on 21585 & 15400 until 1800 when cld pgms begin. R Baghdad also to Eu a VOM in AR on 9745 1530-2130 (WBI 14/5) 21585 ruins Switzerland EG 2145-2215 (gh) 9745 E no longer QRMed 2130-2230 EG, decent; but poor mod (Herbert Wolfson, NY) RB 20/4 on 17770 EG 0357 ancing 11925, into AR, fair mod, strong sig, ruined by VOA *0500; not since (Novello NY)

IRELAND R Dublin on SW Sat & Sun only, 0900-1100 on 6910 (a Swedish reporter to SCDX 28/4)
Hrd only during week on 6910; daytime only; carrier only at night (Simon Robertson, Scotland)

ISRAEL Galei Zahal now on 18127 USB, 1900 Kol Israel HB nx on hour, and all- SCDX 12/5)
mx pgm past 2400; as strong as most KI fqs, 7/5 (Ernie Behr, Ont) Mostly ute QRM on this fq
but 14728 over darkness path often hrd, clear if weak, still 24/5 (gh) 14728 active again,
4/5 0015 (Andy Newton, GA) 14842 GZ hrd once here; I think both IBA & MinTelecom use its pgm
as (intentional or involuntary) test feeds from time to time, or when pgm-prod staffs are
P on strike (John Campbell, UK, DUDXS) So Israel has a back-up source of SW pgms if KI should
E go under (gh) Kol Israel J81 EG: 1200-1230 WEU/ENAM 21675 21600 17612 15405; SREAs/ANZ 15605
other 25640 17685 15485, 2000-2030 WEU/NAM 21495 17645 15582 15415; Af 9009 17685; other
21675 15485, 2230-2300 NAM/WEU 15582 15415 11637 9815; Lam 21710 15582 11637; other 21675-
SSB 17685 15485, NAM 0000-0030, 0100-0125 & 0200-0225 15582 11637 9815; 0000 & 0100 also
to Lam 15582 11637, Hebrew HS: 25605 0610-1400, 17630 0400-2310, 15615 0400-0610 & 1800-
2310, 15582 0610-1400 & 1800-2000, 15105 0400-1630, 11655 1800-2310, 11610 0400-0610 &
2000-2310 (IBA) These fqs may be down for maintenance: 0500 11655, 1200 15405, 2000 17645,
2230 9815, SSTV test 24/5 on DX Corner was to be a "monster show" picturing Ben Dalen and
other air personalities (DX Corner 10/5) They want reports on their Persian broadcast to
T NAM, 1530-1625 on 21675 & 21600 (Vladimir Cucura, PA) DST time shift unlikely this summer
P (Tuvia Keenan, RIB) It pays to listen to Israel Radio on holidays for special pgms, like
L 5/5 Memorial Day, 6/5 Independence day; they had an extra fq, 11655 during prime time (Ralf
V Munster, Decatur GA) No SSTV 24/5--no normal pgming, labour or military troubles? (gh)

ITALY Italian BC Corp, 7363 10/5 1220-1250 w/DX pgm from Play-DX, 60-m Brazilian band scan
X (Dario Monferini, Play-DX 11/5) RAI J81 EG includes to GB 1935-1955 11800 9710 7275; Japan
E 2200-2225 15330 11800 9710 (Ralf Munster, GA) more, LN-14

JAPAN A solution for ENAM listeners unable to hear R Japan NAM svc: 98% of the time the ANZ
E svc at 0930-1030 comes thru SIO 434 on 15235, despite CubARM on 15230; I most highly recom-
mend the MFJ 1040 which adds 33 db gain (Darryl Holland, NY, 29/4) // for that one 11840 ex-
11875. Also several changes in Genl Svc; to As 2200/2430 15195, 0100/0730 17810, 0800/1130
15195, 1200/2130 11815, Eu 0600/1130 17785, 1200/0530 15310, NAM 0500/0730 15325, 0800/18
30 9505, 1900/0430 17755; via Portugal 0700-0730 15235, 2200-2230 15425 (NHK)

JIBUTI [Cf Feb LN-6] 4780 is back after 6 mo absence, Fade in 1445 to 1600 in AR, 1600-1900
in Afar (similar to Somali) (Victor Goonetilleke, Sri Lanka, RN DXJB 23/4)

JORDAN AR svc obs on SW: 11920 0330-1500, 9530 0930-1400 & 1500-2330, 7155 0330-0730 & 1900
E -2330, EG 9560 1500-1730 (WBI 16/4)

KAMPUCHEA VOPK DS, Phnom Penh on new 6100, very good at *1100 NA, in Khmer, QRM grows after
1130; only DS channel audible here (Peter Bunn, Melbourne, RA DX 26/4) *1100-1500* // 7373
(Hisashi Hasumi, IRDX via RA DX 3/5) ex-6090, both hrd to 1330 (David Foster, DUDXS 27/4)

KASHMIR AZAD Monitored sked for AKR updates WRTVH: *0045-0220+ 6010, +1200-1400* 6275 with
carrier *1135, *1410-1800* 4980; relays Islamabad UD nx 1745, A monitoring stn in Pakistan
says AKR also on 3665 at 1145-1800, spur? (Victor Goonetilleke, April UADX)

KENYA VOK reported that a VOK official said there were plans to boost reception of Kisumu
P stn so as to reach 60% of Kenya population thru the stn's 6 vernacular langs; also was pro-
M posed to BC Natl & Genl Svcs from Kisumu as soon as more xmtrs built (WBI 30/4) MW only?

KIRIBATI [pronounced Kiribas] A DX news flash! Have been logging R Kiribati, Tarawa on USB
E 16432, relaying 846 kHz, 5/5 0625 EG radio play, 0915 local dialect, 1900 RA nx relay, then
brief local nx, Breakfast Show in EG; good using only vertical whip & DR28 (Bryan D Clark,
Auckland NZ) Martin Hadlow, Solomon Islands says it's 16430 1 kW, but to be raised to 10 kW
in a few months; sked 1800-0300 Mon-Fri; 0600-1000 (Andy Sennitt, RNMN 7/5) Readable here 23
L /5 on 16433 0615 Man from the Ministry, 0627 local anmt by woman, hard to understand heavy
accent but believed in EG; whenever studio mike is open, high background noise level, seems
to be on AGC circuit; 0630 TC for 6:30 and another BBC transcription, panel game on spotting
errors; some MUX QRM from 16430 but Kiribati getting stronger; 0656 ID, fill mx, 0700 BBC nx
in SW relay, echoing compared to 15070; 0709 local nx in EG almost unintelligible, 0715 wx,
0716 ad for something in bottles (pre-taped w/out noise), TC, talk, mx, 0728 ID & TC, and
Mary(?) said good night, ending EG pgm; any doubt that she spoke EG vanished when man came
on in obviously local lang. I wonder if "Kiribati" is a corruption of "Gilbert"--or vice
M versa; seems phonetically possible (gh) This is a feeder for relay by a new MW stn on the
Christmas Island in the Pacific, which was established last year, 7/80 to give radio to the
seventhouousand Line Islanders; there were forces stns on Xmas, however, WVUU (AFRTS) active
1944-1946, and BFBS 1962-1964 (Adrian Peterson, AWR Asia, India)

KOREA SOUTH R Korea surprisingly good on 9570 EG 1000-1100, no QRM (Don Moore, PA) more LN14

KUWAIT Since fourth March week, R Kuwait on 9880 ex-9870 1100-2105 apx for DS Pgm I in AR;
E 21545 now carries AR 0500 ex-EG (WBI 16/4) unID 17650 AR mx 2047-2100 nx, 2110* (Chuck Ol-
iver, Spring TX) Cf May LN-6

LAOS Xieng Khouang Province Natl R now on 5613 ex-5603, fade in 1035-1100 ethnic minority
lang (Lao Soung?), 1100-1200 Lao Soung (Meo-Yao type), 1200-1300 Lao relay Vientiane, 1300-
1330 Lao Soung (Meo-Yao type), 1330-1400* another ethnic minority lang (Isao Ugusa, Kobe,
Japan, DX Front Line 18/4)

LEBANON R National Sam svc now on 17745, 2300 PT, 2330 AR, 0030-0100 SP (R Levinstein, RN)

LESOTHO Spurious mixing products between MW xmtr on 891 & SW on 4800 are being radiated by R
Lesotho, fair level on 3909 (4800 - 891) & 4691 (4800 + 891) (Colin Miller & Miki Včelaf,
RSA QTH Af 30/4) BBC relay currently testing: 0400-0530 on 9535, 0600-0730 11710, 0930-1330
15140, 1330-1615 9600, 1645-2030 7250; info from Lesotho says these fqs were chosen by Lon-
don; rather strange choice. In two cases fqs are occupied by strong local xmtrs, 9535 Luan-

da 100 kW, stranger still 7250 Lusaka 120 kW making reception very difficult; feed to xmtmr mainly taken off Atlantic relay but sometimes directly from UK. Bearing is about 150, targets are Malaŵi, Zambia, Zimbabwe. Times may vary by up to 30 min and tests are to run for few weeks; unk now when regular xmsns start (QTH Af 10/5) So that explains time discrepancies in following (gh) BBC WS relays resumed 23/4, obs at 0500-0545 9535, 0545-0730 11710, 1030-1330 15140, 1330-1645 9600, 1645-2030 7250-QRM Zambia (R Glnbey, RNMN 14/5)

LIBERIA [Cf May LN-14] ELWA is the stn on 11930, *0620 usual IS & IDs, AR relig pgm to 0730* X loud & clear, no mention of "R Catholic National". Beware of SCDX info; they quote a lot of nonsense from unreliable sources and seem rather uninformed about SW news (Ernie Behr, 28/4) Xmsn sked from ELWA for M81 does include 11930 D[aily] 0620-0730. Other fqs, times apx from bar graphs: 11870 D 1645-1745, Sun 1615-1700, 11860 Sun 1340-1630, D 1800-2120, 11835 D 2000-2115. 11830 Sat 0600-0830, Sun 0600-0940. 9550 Weekdays 1200-1330, Sat & Sun 1200-1400. 6135 Sat/Sun 0830-1630, W 1520-1730. 6070 D 1800-2000. 4765 W 0545-0820, Sat 0545-0900, Sun 0650-0900. 3230 D 0600-0800 & 1800-2220. 50 kW, 18° to NAF on 11930 & 11835. 50 kW, 81° to C&Waf on 11870 11860 11830. 50 kW 97/325° to Francophone Waf on 9550 6070. 10 kW same bearings to Liberia on 6135; 10 kW non-dir to Liberia on 4765 & 3230. Curtain array on all except 4765 & 3230, hi-incident angle antenna (via Bill Taylor, PA) = J81 (NL) **MAIWA** Elusive 3380 in best ever at 42+3 0335-0405 tune in & out times 27/4, excellent tribal mx & vern talk, but IDs & TCs in EG; have they fixed a waning xmtmr? only 2nd time ever noted here in 2 years; signal better than Zimbabwe this day (Maxfield Greenwood, PA) J81 sked revision drops 7130: 3380 0300-1110 & 1300-2210. 5995 0400-1615; pgms of the Intl Svc E in EG & vern are sked 1600-1800 (QTH Af 20/4)

MEXICO E German news agcy ADN reported 16/4 that a SW xmtmr centre, which would improve Mex P natl & Intl BC was under construction near Tectihuacan [sic] w/GDR assistance. When completed it would be "one of the most important installations of its kind in IAm". Main supplier was Funk & Fernmeldeanlagenbau Berlin, part of the Leipzig Nachrichtenelektronik Kombinat. SW xmtms being produced by radio works in Berlin-Koepenick. Coop agmt includes training Mexican techs in the GDR (WBI 23/4) XERMX operates 2000-0330 on 17765 15430 11770 9705 5985. All E pgms in SP exc Mexico in one Minute in EG, FR, IT, JP, SP (WBI 30/4) Oh? BBCMS ignores half-X and one-hr EG pgms, cf Feb LN-7, which I have often heard (gh) DX pgm in SP, "Visión DX desde México", first Mon & Fri [vLN-14] and between 2000-2200 15430 is only fq (Chris Rogers,

MONGOLIA Ulan Bator DS continues appearing on unassigned fqs during *2200 xmsn: 30/3 ADKN) yg strong 4818 // 4750 at 2345; 2/4 on 4751 & 4830 only at 2245. 4/4 audible on 4750 & 4761.5 but by 2340, 4750 had become 4751 and 4761.5 was gone (Paul Karagianis, UK, UADX) UB noted on new HS outlet, 4895.7, Pgm I in Mongolian (Takasaki, NDXC via May ADKN) From RUB comes this info: Stn started 1/9/34, from a 2-storey house which is now the Yugoslavian embassy. Started with 3 person-staff, 2h per day; now has 2 editorial boards and 10 sections for HS & FS, 3 depts (art & culture, technical & pgm, mailing). Two HS pgms, 24hpd. First EG was in 1965, first FR 1970. Xmtmr site for FS is Khonkhoryn, 25 km from UB, where one 250 kW and two 100 kW are used. HS uses different xmtms, 25 to 100 kW. When I queried them in Feb 1979 they said "2 new xmtms are being erected now near UB in Khonkhoryn, one 250 and one 100". Hence, the 2nd 100 kW must have been there previously or is addl since 2/79. They also noted that relays were erected by specialists at Altaï & Choybalsan City. One can only assume by Russians, and that these are the newer ones on 4995, 4830, etc. But ITU THFBS geog coords for Mongolia SW say 92.00 E, 50.00 N, right near the far western border, nowhere near UB. In the 1960s two sites were listed, both in this western zone: Bain-Ulgei (20 kW) and Tsagaanuur (5 kW at 89.20E, 49.30N). Still in use? And what has been their primary site in past years, before Russian-aided sites? Could be R Moscow uses some of these high power xmtms for themselves; do we really know? Unfortunately, WRTH is out of P touch; FR xmsns never been listed tho started 11 yrs ago! And RUB is slated for yet another 4 high-power xmtms. Still much to be learned, DX-wise about Mongolia (Geoff Cosier, DUDXS)

MOZAMBIQUE Maputo 6975 moved back to 7108, QRMing Swazi Comm R 7105, days GMT (Richard Glnbey, RSA, RNMN 14/5) 7110 ex-6980v, Interprovincial pgm; also on new 9435 // 9541 daytimes. Maputo Nacional pgm back on 4858 after short spell on 4871. All fqs drift considerably; currently used with nominals parenthesized: 3208(3210), 4858(4865), 7241(7240), 9618(9620), 11818(11820), 15297(15295), all for Natl Pgm in PT. Interprov: 3342(3338), 4812(ex 4925), 7110(ex 6980v), 9435(ex 6050?), 9541(9600). External: 3265 4855 9541 11818 (QTH Af 10/5). E EG: 0400-0430 3265 4855, 1100-1130 9540v 11818, 1800-1830 3265 4855 11818 (QTH Af May)

NETHERLANDS Some tentative topics for RN Media Network, Thurs: 18/6 BFBS Germany & World-X wide; 25/6 separate pgm for As at 1430; 2/7 Holiday DX--stns w/tourist pgms in Eu (J Marks)

NEW ZEALAND RNZ dropped 6105 in Jan due to problems of QRM to TV sets in the Titahi Bay area P so it's unlikely this fq can be used again. Plans to use third ^{low} fq, 9885 in Sept 1800-2105 ex-15485, 30° to Pac. NZ Cabinet is considering RNZ prop. o establish a new SW xmtmr site with 4 x 50 kW in the centre of North Island, at Waiouru, where NZ Navy has a large xmtmr stn. Issue may not be settled until Nov election. If proposal is shelved, RNZ is not anxious to continue with the present SW svc after the end of 1981, due to lack of funds from the Foreign Affairs Dept. SW svc previously closed for 5 weeks in May/June 1976 due to a similar situation (Robert Jones, Sydney, Australia, May ADKN) Tho missing in J81 sked, VOA noted on 17860 in EG 0300 23/5 blocking RNZ; keep checking // 15485; sometimes the ute is off early, especially weekends(?), or is it weird propagation lately? The insensitivity VOA shows toward struggling stns in friendly countries, and their would-be listeners within USA, is depressing (gh)

NORWAY R Norway noted on 17875 to Nam 1300-1430 & 1700-1830, Instead of listed 17840; not / E sure why, as 17875 is co-channel WYFR on Sundays, and RCI after 1800; EG Suns 1400 & 1800.

NEPAL & NIGERIA LN-14 (gh)

OMAN R Oman, Miscat, sked rxd w/QL: 11890, 0200-0805 AR, 0900-1100 EG, 1100-2115 AR. I
E sent a report in EG on their AR xmsn hrd on 11889.5 (Vladimir Cucura, Jr, Reading PA) 9773
was noted // 11890 at 1430 (Victor Goonetilleke, March UADX)

PAKISTAN R Pakistan EG slow nx to Eu 1100-1115 on 17665 & 21782.5 (May WWDXC) And at 1600-
E 1615 noted varying from 21755 to 21757.2 3/5 (gh) 21755v also at 0230-0245 ex-21590 (Bryan
Clark, NZ, DUDXS) Karachi presumed on 9776½ down from 9780 0435-0615+ (Victor Goonetilleke,
DUDXS) Karachi on new 6590 +1300-1700, probably SW feeder, Peking QRM (Sarath Weerakoon, Sri
Lanka, DUDXS 27/4) 6950v, 1400-1730+ 3/3 (Weerakoon, UADX) One of those is a typo; WRTH puts
Peking on 6590 not 6950 (gh) R Pak ES in Dari obs 20/4 1600-1800 on 7375 & 5091.5, but next
day 7375 was in Urdu and the other had drifted to 5093 (WBI 23/4) Letter from PBC Deputy
Controller for Research confirms 5095 carries Dari, "an ES for a near target" 1600-1800 &
HS 1145-1600 (Paul Karagianis, UADX) 0230 21590 & 21755 (WRTHV Newsletter)

PAPUA NEW GUINEA R New Ireland, 2428, 2 kW V/S J. Malisa, Provincial Stn Mgr, expresses a
Q favorable view of QSLing, via accurate reception reports, as they wish to know just where in
remote parts of the world they are heard (Maxfield Greenwood, PA)

PARAGUAY R Nac xmtr on 11914 apx currently 40 kW; started off around 28 kW. Reports have
been rxd from many countries, incl France, Germany, Italy, Canada, most of SAM, but the vast
majority are from Finland, Sweden, Japan and the USA. I spent an hour going thru the re-
ports, paying special attn to those rxd from NASWans, and am pleased to say that the report-
ing quality was relatively high (tho one Canadian forgot to put the SINPO rating!) Tho the
Chief Tech was away when the new eqp was installed, the Am personnel responsible later in-
formed him that the rhombic used w/new xmtr has beam centred on NY; intention was always
P that HF relay of MW DS provide max coverage possible in target area, the Ams. All reports
Q will be answered, tho this may take some time, due to large number rxd. Please do not send
f/ups for time being; and no, stn has no pennants; in fact, pennants are practically non-ex-
istent at Pgy stns now (Tony Jones, Asunción, 22/4) All stns must relay R Nac nx at 1230
L & 1930 local [GMT-4 S winters, -3 summers], and most carry Colorados (govt party) pgm at
2000 local. Opposition party Liberales also has weekly pgm on some stns. 50% of mx pgms
must be Paraguayan. MinCom considers entire country non-tropical despite geography so no
use of tropical bands and non-govt stns not allowed above 6.2 Mhz, putting them all in the
crowded 49mb. Main reason for what SWBC there is, is for migrants beyond stn's local area
inside & outside the country: LV del Kmabay, 5995 is for people in Asunción. It is esti-
mated that more than half the Paraguayan nation works abroad [!]. R Primero de Marzo, one
P of the most modern & prestigious stns in LAM, is interested in installing SW, but the trend
is toward FM & higher-powered AM which cover flat Paraguay well (Jones, RNMN 21/5) R Centena-
rio, 6090, 0230 21/2, football Pgy/Ugy in SP; and 11950 for southern part of country, but
unhrd; first time on SW? (Stig Hartvig, Peru, DSWCI) Sure this wasn't relay by some other
stn, like Argentina? & there's a non-SW Centenario in Uruguay too (gh)

PERU R Nac back on 9562 since 1/4 0100-0230+ w/Peruv songs & IDs, but not daily (Ernie Behr,
Ont) LV del Valle de Mantaro, Jauja, 3386 0233 9/2, SIO 422, mx for lovers and pgm "El
poema central de la niche" [sic] (Emilio Pedro Povrženic, Argentina, UADX Mar) more, LN-14

PHILIPPINES R Veritas Asia plans to boost xmsns to China since it rxd 4000 letters from
P there last year, compared to 100 from SEAs, 90 from Taiwan; total power is now 300 kW; or-
dered 6 new xmtrs to raise total to 1500 kW (Keith Dalton, Manila, RNMN 14/5) Latest moni-
E tored sked for RVA EG: 1130-1200 15215 11770 9605. 1430-1500 15215 11955 9605. 0030-0100
17705 15280 15135. 0300-0330 17705 15280 15210 (Hayashi, JADK, May ADKN) We will be making
some minor fq changes 10/5; xmtr powers are 100 kW on all fqs except 15280 15285 15215 which
is 50 kW Gates ex-SEARV, permanently tied to 260° log-periodic antenna. The 100 kW is a
Siemens (Victor Goonetilleke, UADX Apr) For FEBC mx in EG try 11890, 0830 usually clearer
than 0930 (Darryl Holland, Riverdale NY, 29/4)

POLAND Polish R reported 17/4 that per agmt betw State & Church, a Holy Mass'd be BC for
L first time at 1300 19/4 for seamen & fishermen on board Polish ships @ sea--Suns 1300-1355,
and so it was, per anmts on these beams: 9675 Medit/GuineaGulf/SAT1, 7285 Baltic/North/NAT1/
Carib, 6095 IndOc, 1503 Baltic/North Seas. Third Pgm obs on SW: 9755 0357-1400, 9570 uncon-
firmed, 7180 0500-1300, 7110 1400-2300, 6035 0357-0500 & 1300-2300. (Sun *0457-)[Some of
these were previously reported to be relays via USSR]. Polish Pathfinders Stn on 11800 &
X 6195 1000-1600 Tue-Sat, 0800-1600 Sun (WBI 23/4) R Polonia DX Club pgm to Nam is on Sun &
Thu at 0200 (J81 sked via George Munz, NJ) GMT Mon & Fri, I think; 15120, 11815 etc (gh)

PORTUGAL R Portugal letter says they are unable to use taped reports, as they do not have a
Q tape recorder at hand(!) (Manfred Wilhelm, GFR, Apr WWDXC) RP noted 4/5 at 0300 on 6155
E [EG] (Charles George, TX) Tho still ancing 6025 3/5, and said 0500 EG to WNA would move to
0530; 6155 //11925 also applies to 0100-0300 PT, and I presume 0030-0100 FR (Kevin W Davidson
Easley SC) Nonsense, they must tape shows 3 days in advance, as not till 6/5 did they get
E around to airing their J81 sked, hi: 0300-0330 6155 11925, 0530-0600 6155 9575, 1600-1630
(not Sun) 21475. 1800-1830 17770 21530 (Sun 1700-1730 on 17770 only). 2030-2100 6010 9605
11775. Trying to one-up WRNO's projected usage of 6155? (gh) New 21590 Af FR 2030-2100 13/4
P (Bob Padula, Victoria) RDP plans to add 2 x 250 kW xmtrs; there are now 7 x 100 kW and 2 x
X 50 kW SSB (Carlos Relvas de Assunção, Portugal, SCDX 28/4) AWR DX retimed to 0830 ex-0930
[Sun] on 9670 (Tony Legendre, France, SCDX 28/4) 9665 (Allen Dean & Edwin Southwell, WDXC)
R Renascença an hour earlier due to DST, *1730 on 11745; RDP Sun to Nam 1400-1800 on 15270
ex-15295 (Roberto Levinstein, Madrid, RN PT DX 7/5)

QATAR [Cf May LN-8] QBS testing since 14/4 1300-1500 15315, 1600-2000 11730--pop mx mbrd
w/stn anmts in AR, EG, FR, reports invited (WBI 23/4) First hrd 16/4 1800-1835 on 11730;
sked 1745-1915 (Don Rhodes, Vic., ADKN) 17/4 1817 EG ID, poor sig, way down in mud, but

tape-able (Jay Novello, NY) 18/4 1907-1930+ 11730, poor due RN but QBS generally winning; AR mx to 1919, EG ID, addr, asking reports, ABBA's "Angel Eyes"; then FR & AR IDs (Scott McClellan, MI) Junky fq 11730, no ment of target; hope they get act together faster than Dubai (Rowland Archer, NC, RIB) 19/4 11730 1908-2005*, the 250 kW xmtr WRTH mentions? (Steven Reinstein, FL, RIB) Their 1700-2000 test on 11730 included playing an AR tape backwards! (Jonathan Marks, RNMN 23/4) Excellent daily in Denmark 1800-1900/1930*, don't confuse w/RN, also E in AR (Finn Krone, 23/4) 11730 ending test 25/4 0955 (WBI 30/4) EG IDs every 20 mins, 1900-2000*, improves some toward s/off (Andy Newton, GA, 29/4) 11730 tests obs till April end at 0800-1000 & 1530-1800 apx (WBI 7/5) QBS 11730 8/5 EG IDs 1930 & 1945 w/addr, severe RN QRM and off air or buried by RFI 1946--first time hrd after 7 attempts (Maxfield Greenwood, PA) 1275 well over RN FR Af 1930, to QBS 2000*; Box 9399, Doha (Vlad Cucura, PA)

SARAH Kotakinabalu is on 5980, unlisted in WRTVH, 10 kW, same times & services as on 4970; E EG hrd 1330-1600 (Victor Goonetilleke, Sri Lanka, Mar UADX)

SÃO TOMÉ noted 17/4 2215 on 4807 or 4806 using a loaded auto antenna!--first time I hrd it since 1/4 (Maxfield Greenwood, PA)

SAUDI ARABIA Riyadh/Jeddah USB feeder on 4980 to 2230/2300*; hrd now and then on fqs below 5.1 MHz, e.g. 4980, 5028, 5068, a few days only always; no QTH given (W Bernok, GFR, DUKXS)

SCOTLAND I'm forlorn after reading one DXer got his QSL from Weekend Music Radio and it is Q only 20 watts. If I don't get my QSL, I'll declare war on Scotland! It's been 77 days since I sent a report with 3 verbatim quotes; sending f/up w/LRCs & tearful pleas, for I P wish to eventually get a 5 kW QRP award (Maxfield Greenwood, PA)

SENEGAL R Sénégal Natl Svc 0600-0900, 1155-1600, 1715-0100 on 4890 765 and unconfirmed 1710. E Intl Svc 0600-0800, 1200-1400, 1800-2400 (incl EG 1840-1900) on 11895 W&CAf, 1305 and unconfirmed 7210 (WBI 14/5) Had been reported inactive on SW (gh)

SEYCHELLES FEBA J81: 6140 0042-0145. 9510 1827-1845(Sat/Sun 1900). 9705 0042-0145. 11725 1642-1730. 11855 1222-1605(Sat/Sun 1620). 11860 1637-1800. 11865 0157-0300(M-Th 0245). 11915 0312-0525. 15160 0657-0745. 15170 0927-1000. 15300 1802-1835(1850 F/S/S). 15320 1222-1500. 15325 1500-1605(Sat/Sun 1620). 15360 0445-0525. 15400 0307-0445. 15405 0157-0300. 15430 0917-1005(M/W 0950) (FEBA) EG 0400-0455 1915 25 kW EAF 2800, broadband antenna of 68° @ 6 db points; 0700-0745 15160 52° SAs narrowbeam, 36° @ 6db points; 1520-1605 (Sat/Sun 1620) 11855 100 kW & 15325 25 kW, both 52° SAs narrowbeam (FEBA)

SINGAPORE During Apr trip to SEAs, R Sing not noted on either 9530 or 15200 w/EG (SWNS)

SOLOMON ISLANDS For past month, SIBC very audible on 9545 at 0730--half the time it is hidden by QRM, DW or utes. But the other half! 28/4 was so loud I sighed and turned to R Australia thinking DW was on again, but tuned back 2 mins later to hear SIBC Honiara ID, then 15-second bamboo pipe signature; 0730 local rx (Darryl Holland, NY) 5020 21/4 0856 local rx and Q sports, SIO 353 (Jack Jones, MS) **SOMALIA**; more **SOUTH AFRICA**, LN-14

SOUTH AFRICA R RSA J81 changes in EG: 0200 Nam 9585 & 5980, no 11900. 0300 9585 5980 4990. E 2100 11900 9585 5980; rest same (DX Corner 3/5) Start of R RSA's new SAM svc confirmed for P 15/6, 2200-2300 PT (Roberto Levinstein, RN PT DX 23/4) Cf Mar LN-9 for fqs; some reports claimed a 1/6 start (gh) The SAM ants are completed; testing them on the NAM svc 0157-0257 until 31/5 on 2940 on 5980 or 9585, alternate evenings with old 3050 antenna; also 11900 testing with 2840. Reports wanted noting differences in reception on consecutive days (R RSA DX Corner 21/5, wanting them sent to Box 6, Honeydew Tvl addr) SP to be 2300-0100 (gh)

E Radio Five on 1170 ex-9680, 0545-1515 (R Ginbey, RSA, RNMN 14/5) 7170 0550-1515, 3250 0300-0545 & 1520-2200. SABC J81 EG svc: 11790 0550-1515(Sun 1450), 4835 0358(Sat 0430, Sun 0500)-0545 & 1520(Sun 1455)-2115(Sat 2205). AK svc: 11885 0555-1515(Sun 0530-1515), 9560 0550-1520(Sun 0525-1520), 4880 0348-0550(Sat 0427-0550, Sun 0457-0525), 1520-1607, 1607-1655 M-F Market Reports & Meat Prices, 1655-2115 (Sat 1520-2205, Sun 1520-2115). 3965 0348-0545 (Sat 0427-0545, Sun 0457-0520), 1525-2115(Sat 2205). R. South Africa night svc 3250 2200-0300 (WBI 7/5) Zimbabwe BC Corp reported 1/5 that Capital Radio had been taken over by Transkei authorities. Joburg reports said a new Co. called Capital R Transkei'd taken over stn with a 'clear balance sheet'. Major reason was shortage of funds (WBI 7/5) 11750 replaced by 9765 0530-1600; 7160 -2300*, Sun -2200* (Richard Ginbey, RNMN 14/5) Cap R reactivated 75m 3950 0300-0530 & 1600-2300; 0530-1600 11750; 2nd xmtr on 7160 to 2200 or 2300 (QTH Af 10/4) Noted back on 7160 27/4 0359 usual pop mx, female DJ format, "Independent Radio News from Capital at Six" at 0400 (BoLitho, ont) Hrd regularly on 3950 from around 1800 (Krone Dmk)

SPAIN [Cf May LN-9] REE Programa DX revised M81 sked: SP EU Sat 1715-1730 7105 9570 11920 X 15395. SP Seas/ME/AF/N&SAtl Sat 1815-1830 11775 11790 15190 15330 15410 17890. SP Ams Sun 0210-0225 9530 11945 SAM, 9360 11775 GAM; 0510-0525 same plus NAM 9630 11880 (REE DX 4/81)

SRI LANKA Commencing 31/5, Radio Monitors Intl will play a series of 8 recordings, one per S week; they are Bhutanese postage stamps which are also disc recordings. Upcoming highlights X on RMI: 14/6 England-early SW; AWR-EU World DX News. 21/6 Tangier, ARDXC NZ on SW. 28/6 Venezuela; Exotic Islands II. 2/7 Alaska, RCI DX Digest; 12/7 Midway Island; ARDXC Austral-ia on MW (Adrian Peterson, Poona, India, AWR) SL nx F-G on 9720 1300, no 15425 (Gunnar, CO)

SWAZILAND TWR EG J81: 0430-0630 3275 5055. 0645-0835 7295 11760 [don't confuse with Cocks] E 1200-1400 7295. 1530-1600 Sun 11740. 1600-1700 3365 11740. 1800-1935 3240 (Felix, TWR)

P Swaziland Broadcasting Service [the govt-comm stn on MW & FM only] has long term plans for an external service (Richard Ginbey, RNMN 14/5) **more SRI LANKA; SURINAM** 14

SWEDEN STA surprised us by putting a Varberg SSB xmtr since 3/5 on the 0230-0300 NAM svc, E beamed due N toward the Pacific on 17810 (SCDX 5/5) Those who wish to telex rather than X mail DX tips to us may do so with Sweden prefix + 11738 (SCDX 5/5) unID SSB on 21645 18/4 1720 sports, 1730-1732 bell carillon, more sports, no anmt, unk lang (Chuck Oliver, TX) No doubt Swedish DS relay; Mar LN-10 sked holds except 1200 instead of 1100 beamswitch. Full

- E J81 EG sked: 0230 Nam 11705 & 15315 3100. At 1100 9630 Eu 210, 21610 ANZ 70. 1230 21635 E As 55, 21690 Af 180. 1400 21615 Nam 310, 21700 SAs 90. 1600 17845 SAs 90. 1830 6065 Eu 210, 15240 Af 165. 2100 15240 Af 165, 15320 ME 145. 2300 11705 & 15380 Nam 310 (R Sweden)
- SWITZERLAND** SRI J81 EG: Nam 0145-0215 6135 9725 11715 15305, all 305° and all 150 kW except E 500 on 9725. 0430-0500 Nam 9725 11715, both 320°, 150 kW. 0700-0730 & 0900-0930 9560 2600° & 15305 245° both 150 kW to Au [longpath across Lam; 2600° also used in non-EG 2300-0130 on 15305 to Cam] & 21695 50°150 kW FE, 21520 80° 500 kW S&SEAs. 1100-1130 Af 15430 2000 500 kW --rest 150 kW: 17795 185, 21520 170, 21630 140. 1200-1230 Eu non-dir 3985 6165 9535. 1315-1345 AuAs/FE 21695 50 150; S&SEAs 17830 80 150, 17850 80 250, 21520 80 500; Nam 21570 305 150. 1530-1600 Af 15125 170 250, N&ME 17830 125 150, 21570 125 500. 1815-1845 Af 15415 170 250, 17830 185 150, 17850 140 150, 21570 165 500. 2145-2215 Af 15305 190 500, 17830 170 150, 17850 140 150; 21585 230 150 SA [also good in ENAM except for Baghdad]. The 0700, 1315, 1530, 1815 & 2145 are also non-dir to Eu 3985 6165 9535, 250 Kwhs (Swiss PTT) Red
- P Cross Broadcasting Service J81 dates are: 7210 non-Dir 150 kW 0600-0700 & 1130-1230 & 1700-1800, 25/27 May, 22/24 June, 27/29 July, 24/26 Aug. Directional at 0945-1015: 26/5 & 28/7 9560 260 150, 15305 245 150, 21520 80 250, 21695 50 150. 28/5 & 30/7 15430 200 150, 17830 125 250, 21520 170 150, 21630 140 150 (PTT)
- TAIWAN** V of Asia 5980 & 621 kHz sked rxd 8/5: Mon-Sat 1030-1430 to Phil/Indo etc, 1430-1900 E to Thai/Sing/Malay/HK etc; same Suns but contents differ: Mon-Sat 1030-1040 EG Chinese lesson, 1040-1050 same in IN, 1050-1100 Chinese History in Chinese, 1100-1200 EG nx, mx, features, 1200-1300 IN, 1300-1315 Chinese nx, analysis, 1315-1430 CH pgm. 1430-1440 TI Chinese les, 1440-1450 IN Chinese les, 1450-1500 Chinese History in Chinese, 1500-1530 EG Music Gallery, 1530-1700 Thai nx & pgm, 1700-1800 CH, 1800-1900 IN. Sun= 1030-1040 EG nx, 1040-1200 CH pgm, 1200-1210 IN nx, 1210-1300 CH drama, 1300-1430 CH nx, listeners club, 1430-1440 TI nx, 1440-1600 CH Asia's Scenery, 1600-1700 CH nx, drama, 1700-1710 IN nx, 1710-1900 CH pgm.
- THAILAND** R Thailand noted w/dramatically increased sig strength on 11900 (Mike Hardeste, CA)
- E [sic] kHz and some retiming of pgms--12/4 onward, strong in Kuala Lumpur & Singapore but carrier has loud hum effectively ruining listenability. "Midday" EG noted +0500-0600*, no FR as in WRTVH. Ancd "eve" EG 1130-1230 (vs WRTVH 1055-1155). Lao apparently still *0915. 9655 also noted, weaker sigs than 11905[sic] and no distortion (SWNS May) 2nd harmonic of H 7115 on 14230 noted in Thai 0630 (Victor Goonetilleke, Sri Lanka, March UADX)
- TURKEY** VOT J81 EG 2030-2130 again on 9725 ex-9615; 2200-2300 continues 7215 9725 but 11770 E ex-11895 (VOT anmt via gh) 11805 ex-11770 at 2200 since 14/5 due to Moscow QRM (Adrian Childs, UK, BRT DX 25/5) Only sign I get of Turkey is IS at 1425 on 15125; I recall an interview on their DX pgm w/the guy who chooses fqs; he explained the lengths they go thru deciding what propagates best. They either don't know the characteristics of SW or they don't care. Any [censored] can tell you that 9725 is a lousy fqt to NAM mid afternoon (Rolf Gunnar, CO) Except to the E in winter. Let us be charitable and assume for technical reasons they cannot use 15 MHz or higher bands on their NAM antenna currently (gh) QSL from Turkish State Meteorological Svc says they have 2.5 kW xmtr for V of Meteorology; ant is delta matched open wire balanced 500-600 ohms, 28 meters long by a height of 17m from the ground. Pgms are mx and wx nx for public: 0358-0600, 0700-0840, 1100-1550, all on 6900 (John M Fisher, Chelmsford MA, 4/5)
- U A E** UAE Radio, Dubai, obs 14/4, apx times: 0230-0400 17775 15320. 0430-0600 17810. 0615-0900 21700 21625. 0900-1100 21695 21625. 1100-1315 21695 21655. 1315-1430 21700 21655. 1430-1550 21655 17710. 1550-2050 21655 (WBI 16/4) 1800-2050* since 27/4 on 17710 21655 L (Andy Newton, 29/4) World of Arab Music pgm 22/4 1620 on 21655, very well done (Steven H E Reinstein, FL, RIB) So this one retimed to before nx (1630) instead of after (gh) Hrd 3/5 1615 Arab mx, 1630 nx on 21655 17710 but announcing 21700 17710 15320; obviously a lack of communication between engineers and programmers; bodes ill (gh) Same 10/5 1615-1700, perfect EG, good listening (George J. Munz, NJ) The SWBC xmtr site is 45km from Dubai city, reached by narrow tarmac road thru rolling sand dunes. Sometimes, heavy ground mist in morning is balanced by blinding sandstorm in afternoon, requiring oilbath air filter to protect bldg which is fully air-conditioned against day temps as high as 50°C (122°F). Three 300 kW xmtrs are Marconi type B6124, high level class B modulation; xmtr control uses C-MOS logic, containing memory to store tuning settings for 32 preset fqs. Ants: 15 Marconi 4-band folded dipole curtain arrays w/fixed wire screen reflectors; each can op on 4 adjacent SW bands; slewable ± 30°; this info per their data sheet (Mike Nikolich, May SPEEDX) QSL from V of UAE, Abu Dhabi, 9695, hrd in Jan included sked: 9695 120 kW 1600-2130, but has been u/Cairo since Mar (Ernie Behr, Ont, 23/4)
- UGANDA** R Uganda seems to have discontinued in mid-Apr use of ES Soroti xmtr for DS purposes; HS had been hrd on 9730 or 6030 for some time, but now on 4976 only (WBI 23/4) Contrary to the above, intermittent use of 9730 for DS resumed 22/4 (WBI 30/4) verna f/in 0440 on 9730, E 0515-0545 EG; *0600 Af langs on 9730 to 1600*; SAF svc unhrd (Richard Ginbey, RNMM 14/5)
- U K O G B A N I** BBC WS has three pgms on possible futures, "What If...?" drawing on SF literature, weeks of 15/6, 22/6, 29/6, Mons 0100, Tues 2030, Fris 1330. "Trooping the Colour", the Queen's Birthday parade will be described 13/6 1215, 14/6 0130. REVIEW OF INTERNATIONAL BROADCASTING now carries extensive advance BBC pgm details each month (gh)
- UNITED NATIONS** [Cf May IN-10] I have been unable to confirm the new UNR pgm in EG Fri 1900-1945--15410 definitely had VOA as usual, 15305 inaudible. Fri 2215-2230 Carib ancd on 15305 & 11830 but hrd on 15240! VOA J81 sked little help, but shows Tangier 15120 35 kW at 1830-1900 (gh) 1830 EG Fri 11900 15410 15305; SEu Sat 0737-0745 9680 & 11770 Tan, fed from Gvl 11735 & 15125; also 0800-0815 // Monrovia 15235 17860 (UNR via May WWDXC)
- Q UPPER VOLTA** Took 8 tentatives over 9 yrs to get a mimeo QSL for MW 747 (D Monferini, PlayDX)

URUGUAY SODRE Intl Svc in SP & EG has two 10 kW xmtrs, 4 parabolic ants for Eu/NAM/Auf[?], EG 2245 & 0015 on 11855 [sic--surely 11885], and 0145 & 0315 on 9515 (Nelson Maudlin, SFR DX 11/5 quoting Daniel Faccioli, Uruguay) LV de Artigas 60m FTP Suns & holidays with sports only, 5 kW(?), is on 4955 ex-4945 (Tony Jones, Paraguay, SCDX 12/5)

U S A NBS stns WWV, WWVH & WWVB will add a leap second to their xmsns at 2359:60 UTC 30/6; T details of this are given every hour at :04 (Joe Hanlon, PA & gh) After counting the 61-second minute, you can further amuse yourself by determining how long it takes various other timesig and BC stns to catch 'up' (gh) Reagan's choice for VOA Director is James B. Conkling, 66, a recording industry pioneer who has been involved in Bonneville Intl, LDS Church broadcast arm. Also has been pres of Columbia Records, and VP of CBS, a perfectionist and workaholic born in NJ, now living in CA, married to ex-Donna King, of the King Sisters; expected to be officially appointed shortly (SIC Deseret News 13/5 via Lamont Jensen) The US hardly needs another missionary station (gh) Jack Anderson's 14/4 column accused R Liberty of many sins such as criticizing Pope John Paul, parroting R Moscow, siding with the Kremlin on Polish issues, anti-democratic and anti-western BCs criticizing WEU 'political freedom' as responsible for terrorism, Russian Orthodox broadcasts slurring Catholics, quoting an P eyes-only memo by James Critchlow who visited RL in Jan (gh, RIB) WYFR's 7th 100 kW xmtr is P to start tests during J81 for W Canada (ADKN) Not following their sked for J81 printed far M in advance--Can svc on 9535 to 1700, then 11830; 5985 on earlier than sked (gh) KERE 710 X Denver CO has retimed gh's 'World of Radio' to GMT Mons 0500; they assure me it will stay there for a while (Rolf Gunnar, CO) And perhaps reach wider nighttime audience within KERE's tight directional pattern slightly counterclockwise from NE/SW (gh) KGEI has DX contest 15/6 w/essays, etc (Espacio Dixista, RN 16/5) Check in SP at 0115 some nites (gh) Besides P WRNO, FCC has two appls pending, for Saipan to Japan and Florida to SA; FCC makes no distinction between commercial & religious (Charles Brady, FCC, RNMN 21/5) Though awfully vague, I suspect this refers to FEBC Saipan, and WYFR FL to add another service, rather H than a totally new stn (gh) QSL from WCOU Lewiston ME for 2480; they were very appreciative and are trying to locate & correct the problem; 250 watts night (Max Greenwood, PA) So by reporting reception to stn, you succeed eventually in ruining a harmonic DX possibility(gh) H AFRTS 12060, 0325 29/4 baseball, probably Delano (Chuck Oliver, TX) Never on this fq (gh) U S S R R Moscow & associated ES made extensive fq changes with effect from 2000 [midnight P in Moscow] 4/5. Now seems they'll make major time & pgm changes 1/4 & 1/10 w/coming and going of DST in USSR, but major fq changes left until first Sun in May & Nov or shortly E thereafter; interim fq ch 6/9 (WBI 7/5) RM Nam svc *2200 6/5 ancd: 17.70 15.45 15.42 15.50 [7] 15.13 15.10 12.05 11.96 11.92 11.78 11.77 11.75 11.72 11.70 0.60; hrd on 15455 15135 11920 11780 11770 11750 11720; at 2300 close 15.45 & 15.13, add 12.03 & 11.71, but it takes until 2330 for pgm to come up on 12030; thereafter it's the best fq generally; at 0100 they add 9.66[5]; at 0200 close 11.70, add 15.40 & 9.70[0]=Sofia, actually *0130; Meanwhile, RMWS pgm back on 21530 instead of Nam svc during this time period; from 0300 5/5, RMWS hrd on it plus 11920 11750 11735 11720 9785 9700 9665; back at 0000, drop 11.78, add 9.60[0]=Havana. R Kiev 2330-2400 hrd on 12060=best, 11735 9800; 0200-0230 on 17870 11735=best, 9800 9765(gh) R Vilnius 2200-2230 ancd on 17870 17805 15180 12060 11735 (Tony W Campbell, VA) But hrd here only on last two (gh) Those two are best; R Vilnius is having a listeners' competition, L deadline 1/12/81--listen for Q&A (Dean Reich, PA) R Moscow Nam svc has revived 10-part series on Sov/Am relations, this one in the 1917+ period, Mon+GMT Tue last half of alternate hours; all weeks too? (gh) 1/5 RM DS carried May Day parade reportage +0550-0730 on some 70 HF channels in Russian; RMWS had it in EG 0545-0630 on some 27 channels, Chinese at same time on about 10 (WBI 7/5) RM GB&I svc in a Radio Day talk 6/5 said that Soviet external BC was in 77 foreign langs, with an output of 262 h per day [that's an average of 11 prgrams at once...]. Last year the ES received some 300,000 letters (WBI 14/5) RM's Cuban svc has essentially been merged into the general Lam svc in SP 2230-0500 w/some Cuban hold- H overs in the 0100-0200 period (WBI 16/4) Vladivostok hrd at 1240 w/Chinese PS on 2952, 2 x V 1476 (David Foster, Australia, DUDXS) [Cf Mar LN-11] It now appears that the "Ekran" satellite TV system (as opposed to the "Orbita" which uses microwave frequencies) operates on ordinary UHF TV channels and has been underway for some time. Here are latest references to it by BBCMS, included here because of its implications in intl BC (gh) While Orbita satellite rx stns require sophisticated rx eqp and 12m diametre dishes to track Molniya satellites, Ekran is to provide TV to low-density population areas with inexpensive and simple eqp. Power is higher, 200 W instead of 40, and is from geostationary position at 99°E, on 714 MHz FM, covering 40% of USSR territory; first Ekran satl launched 26/9/76. Ekran installations are being expanded especially in remote far northern areas (WBI 23/4) Ekran operates in aband from 620 to 790 MHz to over 800 rx stns. Another system in between Ekran & Orbita is just starting up, called "Moskva", at 3675 ± 17 MHz with 40 W, narrower beam, requiring 2.5m parabolic dish to receive (WBI 30/4) I heard a report somewhere, I think on RNMN or ASWP, that BBCMS is belatedly installing at Caversham a TV satl rx dish for this et al (gh) Russian satl stn on TV ch 51 [Eu std] changed times, to about 0445-1700 (B Padaki, Mar ADXR) VANUATU Ex R Vemarana ancr Robert J Schnell (air name Derek Hodding) QSLed my taped report Q Initially was 350 W, then 1000 W on 3577, both cases halfwave E/W dipole; xmtr QTH varied but mostly nearby Luganville, Espiritu Santo (Bryan Clark, NZ, DUDXS) Schnell admits he was the Australian ancr nicknamed Lord Paw-paw by the left-wing Englishman, John Beasant (Fr. Walter Lini's govt spokesman, adviser & chief policy maker). Schnell's addr is 10 Halmon Ave, Everard Park SA 5035, Australia (David Foster, DUDXS 27/4) VATICAN R Vat EG sked: 0445-0500 6190. 1345-1400 7250 9645 11740. 1930-1945 6190 7250 9645 E to Eu; ANZ 1500-1515 weekdays 11810 15110 17825; 2210-2230 9615 11830 15120. Af 1115-1130

Weekdays 17840 21485, 1200-[1215?] 17840 21485, 1600-[1615?] 11810 15120 17730, 2045-2100 & 2115-[2130?] 9625 11700 15120, NAm 0100-0115 6015 9605 11845 (R Vaticana 5/81 pgm sked)

VENEZUELA R Carora, 4910 in the clear 0340-0415 8/5, 322, soulful & romantic ballads; no Em Gran Colombia; don't see it logged in 14 back issues of FRENDX; mentions Carora (Greenwood)

VIETNAM Possibly best time to hear [Voice of] Vietnam [in EG] now is at 1100-1130 on 10080, E SIO 343 (Dean Rekich, Prospect PA) VOV Ho Chi Minh City regional on 9623 v & 6165: 2157-0030, 0215-0400, 0430-0600, Sun 0600-0930, 0930-1100, 1145-1200, 1230-1430, 1500-1530 (WBI 16/4) Vinh Phu tentative again hrd in VT *1300-1330* on 4243; first hrd on 4248 2/79, unhrd for several months; now regular tho weak and some ute QRM, Bac Thai won't stop drifting; first try 6762, then try 6722; traced as follows 18/3-17/4 w/some days not checked: 6759-20-60-61-22-59-23-57-57-60-57-22-60-22-63-63-62-63-63-22-63-63 (Isao Ugusa, DX Front Line)

YEMEN NORTHWEST R San'a DS in AR 14/4 & 15/4 *0230 ex-0300, on 9780 7265 4853 (WBI 16/4)

YUGOSLAVIA R Zagreb reported 16/4 that a proposed law would be decided 22/4, envisaging the T introduction of Winter Time, putting clocks forward (sic) one hour 1/10 to 31/3 (WBI 23/4)

ZAIRE Kinshasa in well at 0545 9/5 on 15245 but severe fading as usual (Max Greenwood, PA)

ZAMBIA ZBS GS 120 kW xmrtr on 7250 lately stronger, possibly back to full power, irregularly // ES 5582 around 1600-1800; not ancd & maybe a mistake as happens frequently when wrong modulation is superimposed on 9582 ES (QTH Africa 10/4)

ZIMBABWE Radio 2 on 7122, not 7175 (Rikard Johansson, maritime mobile, May DSWCI SW News)

UNIDENTIFIED

3580 maddening fairly strong continuous mx, soul & disco 0905-1010 6/5; classical mx same time 7/5 (Maxfield Greenwood, Devon PA)

6560a +0525-0545 7/5, pirate, couldn't make out ID thru local T-storm (Rolf Gunnar, CO) Perhaps R Music Intl, if more like 6579 (gh) 6990 *0400 6/5 Gypsy-sounding mx w/vigorous violin & same selection over and over; just before 0413* a male voice said (I think) "Terminá" thrice (Kim Andrew Elliott, MA) Likely Romanian, east European spy stn w/out numbers this time (gh)

CLANDESTINE CRANNY

R Quince de Septiembre [Cf May LN-13 & 14] This is the correct identity of "R Frente Septiembre" & I have seen another erroneous report as R Quince de Diciembre. Anti-Sandinista stn named after Nic's original indep day 15/9, steadily on 5565.3 w/pgms of one hour + whenever checked at 0400 and also at 1100 (tho ancd 5:30 local); first hrd here 23/4 0431; much rhetoric and repetitive IDs viewing Nic govt as Marxist, trying to stamp out religion and turn country into another Cuba, especially along E coast and has had unID lang segment, presumably Miskito, 0427 24/4; says it is run by the 15th of Sept Union, and mentions the Nic Democratic Rev Alliance, 7/5 was on extended sked, already on at 0340-0543*. 25/5 at 0500 check there was strong pulse jammer centered on 5562, spreading ± 20 kHz almost obliterating 15 Sept. Otherwise good signal but usually troubled by atmospherics (gh) 22/4 0500-0530* 5565 SP "R Liberación de Nicaragua", political talks & slogans; march mx, storm mx from Flying Dutchman, very good audio, SINPO 44444 (Charles George, TX) 19/4 0403-0452 5570 (John Santosuosso, FL) Steady on 5565.5, *0400 anthem & IDs (Behr 26/4) By sheer good luck ran across it on 5560 0420-0512*, anti-Sandinista, peaked around 0440, shrill voiced woman w/two dozen shouted IDs (Steven Reinstein, FL, 21/4) Also noted on 5565 22/4, 23/4 25/4 in same time period (ibid) R América in Tegucigalpa (Honduras) reported 9/4 that R 15 de Sept was on at 1100, 2400 & 0400 in the 49 & 60 m bands [between them obviously -gh] "from somewhere in Nic". R Sandino on 9/4 said one of the ancrs was a former Radio [Estación -gh] X ancr; stn was radio of the Somozist guard; R Sandino claimed that this same Natl Guard stn had functioned for several months on Hond terr, but had been dismantled. R Sandino believed the same persons had reactivated it (WBI 16/4) However, the stn clearly claims to be not only anti-Sandinista but anti-Somocist (gh) Absent 26/5 0430 & 1100! (gh)

R Venceremos on 6994 SP 1200-1300, ex-7034; before 1200 R Peking in SP to SA on fq (Craig Seager, RA DX 12/4) Ancd that on Suns it BCs 1400-1500, 1900-2000 & 0000-0100 (WBI 23/4) This FMLN stn obs 1200 4/5 on 7022v (WBI 7/5) Since then at 1200 & 2400 on fqs varying between 6927 & 6995, 6/5 stn called for vigorous propaganda campaign to familiarize public with stn times & fq via slogans on buses and walls everywhere (WBI 14/5) Hrd 18/5 0110-0116* on 6902v, characteristic "wobbly" FMing of fq, tnx Phil Marshall & Andy Newton tip; at s/off seemed to give xmsn times as 8-9 am, 1-3 pm, 6-7 pm on "40 metros". 19/5 0030 check on 6904v (gh) Back on 17/3 0028 on 6995, excerpt of Reagan speech and attack on US; 10/4 *0003 6985, drift to 6981 by 0020 tune out (John Santosuosso, Lakeland FL)

R Cuba Libre This one has been adhering to a regular sked as ancd of GMT Mon & Fri 0300-0330v on 6989 ("6990"), w/"theme" pgms for Mother's Day 11/5, tribute to anti-castro martyr 25/5 who died in jail after 54-day hunger strike; 22/5 included message to Eugenia: "Recibimos mensajes sobre la fiebre amarilla" twice, and number sequence briefly. Always announced four addresses: Apartado 70-3-72 (or -62), Caracas 107, Venezuela; Apartado 10,220, México 1, DF; Apartado 4241, San José, Costa Rica; GPO Box 1031, San Juan PR 00936; Run by the Movimiento Democrata-Cristiano de Cuba (not to be confused with another MDCC--Miami-Dade Community College!) 6980a 6/4 0427-0430* contry on press control, latest reincarnation of LV Cristiana de Cuba, using same Caracas address (Apr SWNS) 4/5 0405-0423* on 6988, semi-pro sounding, closes w/Cuban NA; wideband noise next night that time--jammer? & 11/5 6989.5 an hour earlier (Kim Andrew Elliott, Northampton MA) Fq varies slightly: 6988.8, 6988.9, 6989.1. Opens w/beeps at 0300; 17/5 celebrated anniv of signing of first agrarian reform law; 15/5 claimed to be getting lots of reception reports from Cuba despite being jammed (gh) Oliver's unID May LN-13

R Revolución [Cf May LN-12/13] I stand corrected, R Rev is pro-Castro, hrd 15/5 *0104-0115* on 7430 praising Castro & attacking fascists such as Franco & Mussolini; claiming Communism is defender against fascism & totalitarianism and the true form of democracy; very bad mod, as usual; suspect sponsored by the pro-Castro Antonio Maceo Brigade, but that is just a guess (John Santosuosso, Lakeland FL)

R Libertad Cubana Clip at right may refer to "Com. David"

La Juventud Progresista Cubana 21/4 0237-0311*, same endless ramblings from a hoarse babbler, 7058; some interviews made at anti-Castro demos in Little Havana 19/4. Also 22/4 7058 *0224-0245*, 25/4 7057 *0227-0330* (Steven Reinstein, FL) Pre-DST timings (gh)

R Trincheras Two Cuban exiles confirm this is correct ID, but they were able to do this only after I suggested it as a possibility; then they were certain; it still does not sound right to me, but who am I to argue with Cubans on both sides of the Atlantic? (John Santosuosso, FL) I glean that the Trincheras group is connected with the Brigade 2506, survivors of the 1500 exiles who landed at Playa Girón 17/4/61... [more on this in June RIB] Logged 22/4 0210-0246* & 24/4 0215-0259* on 7076 (Steven Reinstein, Miramar FL) R Trincheras hrd GMT 18/5 0144* on 7078, much weaker than R Cuba Libre, saying they'd have a special broadcast at 9 pm Mon (Elliott) Not hrd then. LV de Alpha 66, 7052 gets Cairo 7050 het & QRM *0215; 21 to 24 min BCs from *0200 on 7052 logged 22/4, 23/4, 24/4, 25/4 (Steven Reinstein, FL)

V of Free Africa back on 4764 from 4664, SSB back to USB, believed from inside Mozambique, anti-govt, in PT & verns 0400-0500 & 1700-1800 (QTH Africa 10/4)

V of the Broad Masses of Eritrea hrd 1430-1630 for past 3 weeks on 7325 ex-7320½ (WBI 23/4)

R Vatana 15555 0425-0500* 25/4, M & F ancrs, mostly talk, location? (C Oliver, TX) Cairo(?)

V of Iran Another Persian cland, Free V of Iran, ancd in its 1500 xmsn 16/4 that VOI had officially started 21/3, not representing any particular group but all resistance groups (WBI 23/4) However, a DSWCI report from Karel Honzik, Czechoslovakia, dated 24/2, had an unID stn on 11785 at 0340 in Farsi with the "Hee sedohye Irana" [sic] ID & piano IS, not hrd next day.

Free V of Iran VOI reported 21/4 that FVOI xmtd from an area "nr Iran's W borders" (WBI 30/4)

R Iran SCIX reported it 1930-2030 on 9570; I have hrd only R Baghdad in Farsi on 9570v at this time, but an unID FS pgm at 0400-0500 could be R Iran; any info from BBCMS? (Behr, Ont)

pro-Bakhtiar stn said 19/4 in its 1330 xmsn that they were being jammed & 'd vary fq (WBI 23/4)

V of Al-Qadisiyah claiming to emanate from Ahvaz [Iran] ancd 14/4 that on 858 kHz it BC at 0430-0730 ex-0500-0800; eve xmsn still 1400-1900 (WBI 16/4)

V of Palestine (Saut ul-Filastin), 1800-1900; V of Arab Syria (Saut ul-Souriya al Arabiya) 1900-2000 and Voice of Egypt of Arabism (Saut ul-Misr'al Aruba[?]) 2000-2200v, AR cland pgms all carried on Baghdad 21585, 29/4 (Ernie Behr, Ont & BBCMS 14/5 which adds 15400 //)

V of Palestine, V of the Palestine Revolution 25/4 this Lebanon-based stn ancd that from 1/5 new format: AR in 3 segments: 1500-1900, 0500-0700, 1100-1300; HB from 1/5 1700-1730, sampled for 15 min 27/4 saying it would begin 29/4 (WBI 30/4) Hebrew svc to Isr from 29/4 at 1700 on 1270 & 1160, as decided last Dec by PLO (however, hrd on 1270 & 1143) (WBI 7/5) Retimed HB 16/5 to 1630 for 30-45 mins (WBI 14/5)

R Kulmis in Somali from Ethiopia excellent at 1815 on 7235 & 9595 using former R Voice of the Gospel xmters on the ants directed toward India (Victor Goonetilleke, RN DXJB 23/4)

KNU OBS [Cf May LN-12] There is no such stn and no Japanese svc; it is a made up story (Ryo Takeda via Hisao Tanabe, NHK Tokyo, via Isao Ugusa, DX Front Line, who adds:) Takeda is one of very few journalists who ever visited KNU guerrilla bases. I believe his comments are more reliable than the Japanese Playboy story reported last time.

V of Democratic Kampuchea in Cambodian from xmters in Ch'na, ancd it would change fqs 20/4 to: 2330-2430 11685 9470, 0400-0500 15100 11725, 0900-1000 15115 11980, 1200-1300 15165 11685)

R Libre Barbe Rouge, pirate stn of extreme left anarchist movements, was burnt (WBI 23/4) out by arson in Toulouse 2/5 (WBI 7/5) More VODK: also on unancd 12450 2330, 6995 1200 (DXFL)

Spy Numbers Traffic has been very heavy lately. 9074 28/4 with interruptions 0031-0245, SP YL 4digit groups up to 217 of them. 9074 on 29/4 0325-0504+ same but also CW bursts and msgs.

Letter date // 11532; 5812 15/5 same up to 225 groups 0215-0445. This one does not say "Final" but "Fin"; 75 dB early on 5812, 55-65dB later. Also a German with accent I can't place, YL on 9052 28/4 0212-0218, almost 555 SIO (Ralf Munster, GA) 11532, 4 digits in SP 28/4 stopped at 0247 but carrier on to 0340; 6778 9/4 0436 interrupted by "Hello, hello" 0440; also same thing 6822 0615 9/4, 20 over 9 (Chuck Oliver, TX) 22/5 1205 5-digit SP YL numbers first hrd on 13784, apparently 2 x 6892 where also hrd, both w/RTTY mix/QRM, 1206 "Final, final" (gh)

Syncom V of Syncom hrd 19/4 0249 on 6280 poor, 0455 on 7375 P-F, 0520-0810* on 6275 good.

Free radio at its creative best; pgms incl Easter Fox Hunt, Ralph Jensen's DX Pgm, and a real DX pgm. Read listener letters from Gordon Darling & Bob Foxworth; commented on anti-pirate remarks in Apr LN. Shame that Syncom is closing due to senseless threats by those who are only concerned w/the location of the xmtnd and don't give a damn abt pgm content (Scott McClellan MI) Tnx to gh tip on RCI, hrd their "final xmsn", 19/4 6275 0614-0809*, fairly pro, good mod, poor sig, fading, probably deliberate vs DF. Contemporary rock; read letter from Andy Newton & many others, plugged RIB, mentd FRENEX; DX pgm at 0710, mainly abt Eu pirates, gave McClellan addr for reports; sarcastic reply to Foxworth; closing statement from Chuck Felcher, pres of Syncom Enterprises mentioned "blackmailing threats of free radio enemies... many stations will rise to take our place" Closed with "We are the Champions" by the rock group Queen (Rowland F Archer, NC) Didn't make it to Denmark at either time on 19/4 (Finn Krone) The last Syncom xmsn was 19/4 0300-0430 on 6280; 0500-0515 on 7375 when xmtnd problems forced an abrupt switch to 6275 where we stayed to 0810; portions then repeated on unskd 6248 0830-1000; attempt to sign on 14752 at 2100 did not work, so at 2103-2200 we used 11588, all times apx. Any DXer who can honestly say he listened to Syncom and honestly believed it to be a Eu (even for 30

FCC angry over dropped charges

WASHINGTON (AP)—The Federal Communications Commission has filed a strong letter of protest and demanded the Justice Department explain the decision of Miami's U.S. attorney to drop charges against an anti-Castro Cuban accused of operating pirate radio stations. The decision by U.S. Attorney Alton W. Wampler to dismiss charges against Jose Gonnales was made April 14, just minutes before his trial was to begin. According to informed sources, Wampler's action came as a complete surprise to FCC officials, and their frantic efforts on the afternoon of April 14 to contact his superiors in Washington proved fruitless.

(Houston Post 5/5, via Chuck Oliver)

mins) can legitimately claim to have been misled by one of its relays. Self-proclaimed pirate DXperts cannot expect Syncom to assume any degree of responsibility for their own failure to recognize an actual Eu pirate when they hear one. Since Syncom was not even on the air 18/1, was never known to use 6270 and apparently has never misled anyone but Foxworth, he must lack DXing skill. Syncom has always been very careful to give IDs frequently. Careful DXers who listen for stn IDs thus should have no worries about Syncom. We've always accepted constructive criticism but ultimatums are totally unacceptable. Syncom pgm relays were never intended to be "funny"--some were at request of the Eu stn, some to provide Syncom listeners w/taste of Eu pgming; the 11/1 airing was the Impact 7-3-4-0 Show-tape, I ded itself as a tape several times and lasted less than 20 min. The final 5 mins contain repetitions of 7340 jingles; should not have been hard to deduce it was a relay, since aired on 6265. Since US pirates are not BC stns, not of legitimate interest, not of legit purpose and don't care about their listeners, why do people who feel that way want our QSL so much? P.S.: We require a report on signal quality and rx/ant info before we QSL (Chuck Felcher, stn mgr of a martyred operation) Jolly Roger Radio What do you get when you're a pirate with intelligence, faith in your work, dedication, spunk and downright luck? An application for a license! While other pirates of late were served with fines, all JRR rxd was an application for a license within a letter from George Sklom, FCC Chicago CE and the man who personally busted the stn. Incredible--the stn rxd respect. (Jack Widner, SWNS) Bruce Quinn of JRR says they are considering applying for 1 kW on 600 kHz at Greenfield, about 10 mi E of Indy. May sell stock to raise money for project (SWNS May) KDOR, Los Angeles was reportedly busted for the 5th time in early Apr; but FCC gave them 24h to broadcast after the bust. Run by a severely handicapped person (gh) 830 kHz "WPOP" hrd 19/4 *0055-0235+ on 7435, F-G, lots of QRN. Gave Yonkers box number for reports. Similar to WARG tho WPOP sounds "slicker" (Scott McLellan, MI) "WTBJ Radio 7000" new pirate circa 7000 kHz, local Sats 6-10 pm CT, offbeat mx, wrestling, mx by local groups from ND, SD, MN, WI, IA (John Santosuosso, FL) R Confusion 22/3 BC resulted in around 20 reports from USA, one each from Denmark, W Germany, S Africa (McLellan) R Indiana hrd 6990 0550-0600 3/5, really poor behind utes, CW maybe jamming him, SIO 322, long time since they've been on. "The best pirate radio stn in the world", they said (Lani Pettit, IA) V of Revolutionary Vinco will test Fri nite 22/5 at 0500 & 0530 on 7300, historic double mxtr site xmsn (anonymous female caller to gh) Nothing hrd (gh) North Star Radio 10/5 0455-0538* 13787, male ancr, mike squeals blues, oldies, rock, andc fq and 260 watts; SIO 353, improved as BC went on (Daniel J. Sampson Black River Falls WI) 13780 25/4 0535, oldies rock, vy strong, ancr from R Music Intl (Sams, AR, SPEEDXGRAM) 13785.3, 24/5 1037 mx segues; should be further from 13781 ute; also ocl woodpecker; 1044 ID as R North Star, off sometime between 1100 & 1111 check (gh) R Nolan QSL for 22/2 test. Ronnie Nolan says he has to go to jail for two weeks as result of being busted thrice. Not currently broadcasting (John Santosuosso, FL) 22/2 test was a success--13 reports, 4 from EU. For the last few weeks the GPO car passes by nearly every day; seems they are watching me carefully (Nolan 12/4 via Foxworth) R Denmark is a pirate hrd 19/4 1011-1036 on 11421; vy weak, fading, ID gave 250 W (Gordon Darling, UK, WDXC) East Coast Commercial, England, fair-good 2/5 1200-1500* on 11578 [Sat only] (Dario Monferini, Italy, Play-DX) R CBN Australia [cf May LN-14] hrd per sked by several ADXN reporters, 38 min pgm w/pops, rock; anmts say 100 W but QSL says 80 (Craig Seager, May ADXN) Gives addr: 1 Browns Lane, North Sydney NSW 2060 (Bob Padula, ADXN) QSL illustration apparently by R Crumb (gh)

PUBLICATION Down Under DX Survey No. 16 contains detailed Indonesian survey by fq and report on DXing from Bali; highly recommended. 6 IRCs by airmail (3 in ANZ) to DUDXS, 7 Donald Rd., Burwood, Victoria, Australia 3125 (gh)

LAST MINUTE INFO

ANGOLA Lobito 7170 ex-7001 (Johansson, DSWCI) Angola Press (ANGOP) says they have experimental svc to Eu on 22845 at 0930-1000 & 1430-1500; Af 1030-1100 & 1500-1600 on 11000 kHz; invites reception reports by telex to Luanda 3401 et al (Via Bill Schaap, DC) I suspect this RTTY, not voice (gh) BRAZIL R Marumby active on 9675 but not 6085 6125 (Povrzenic, DSWCI) CHAD 4904.5 hrd 1918 3/3 (Joel Moreau, France, SCDX 5/5) R Moundou uses 5 kW on 5100 0500-0800 & 1600-? (Albert Sommerfeld, Chad, WRTH-NL) Ndjamena ancs 5485 but only hrd on 840 (ibid) EQ GUINEA Bata 4926 *0505, not 0430 and s/off for morning andc as 0630, not 0700 (Johansson, DSWCI) ITALY Radiotre to 2125* better on harm 7990 than 3995 (Hatcher, Spain, DSWCI) KOREA S R Korea May 1 changed EG to Eu to 0530 on 9870 15575; to Ams also 0530 /ex-when?/ 11810; SEAs 1230 now 9570; 0230 add 9640 (W A Matthews, OH, SCDX 26/5) MEXICO /cf LN-7/XERMX SP DX pgm is first Mon & Fri 2045 & 0130 (F Garcia B, NL; C. Zettl, SCDX 28/4) NEPAL 17800 used unofficially 0020-0520 (Shepherd, Kathmandu, NL) NIGERIA VON EG 1010-1700 15120 (VON) 15-16 G via LF 11770 (Gunnar) 11777v (gh) PERU R Sicuani on 4826 ex 4965 (Povrzenic, DSWCI) SOMALIA /cf May LN-14/ I just got a QSL from SBS Mogadishu for AR 2030-2100 on 9585 in Dec; 3 IRCs (Paul Buer, FL) S AFRICA Sam svc 2157-0057 on 5980 9585 starts 1/6 (NL) SRI LANKA SLBC cutting RMI DX pgm back to 15 min (Goonetilleke, NL) SURINAM RN DXJB says SRS on 4885 ex-4850 (Bergmann, WHH, SCDX 28/4) VENEZUELA R Juventud back on 4900, 2400 13/5, first time I've hrd in months (Greenwood) VIETNAM Lai Chau 6917 ex-6815 *1140-1330*; Vinh Phu 4243 1300-1330 (Sun 1345); Bac Thai 6763v6770, but watch out for PLA China 6765! (Ugusa, DXFL)

Radio Direction Finder To Be Used by F.C.C.

An automatic radio direction finding system, patented this week for the Field Operations Bureau of the Federal Communications Commission, discloses the direction of an incoming signal from any point around 360 degrees. It has an extremely wide frequency capability and does not interfere with modulation that carries information on the signal.

Patent 4,263,597 was granted William F. Bentley, Arthur Luedtke and James E. Scott, staff members at the F.C.C. office in Powder Springs, Ga. The system is described as displaying an accurate bearing in less than half a second.

It is said to be small and capable of carrying an antenna unobtrusively on an automobile. A patent drawing shows one installed under the roof of a car.

The direction finder is being installed in 23 vehicles. The bureau enforces national and international radio laws and treaties, tracing clandestine radio stations and locating sources of radio and television interference.

(NY Times via Foxworth)

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QSL REPORT

Sam Barto, NASWA QSL Editor
460 Emmett St. B-19 Bristol, CT. 06010



NEAD XO: The Sixth Annual New England Area DXers Outing is scheduled for Sept. 12th and 13th. The banquet will take place on Saturday Sept. 12th at the Preston Hill Inn in Middlebury, CT. The outing will once again be held at Black Rock State Park in Watertown, CT. Write to me for further information. If you thought the past few outings were good you haven't seen anything!!!

AFGHANISTAN: Radio Afghanistan 15077 f/d "Dar-A-Laman Palace" cd. in 3 mo. for 3 IRCs. (Craighead-KS). in 4 mo. for 2 IRCs. (Leite-MA). "Silk Road Caravan" cd. in 65 ds. for 2 IRCs. (Lunna-VT)...IRC's required for a QSL from this station...Sam.

ALBANIA: Radio Tirana 7120 cd. in 2 mo. for 1 IRC. (Yingling-MD).

ALGERIA: Radiodiffusion TV Algerienne 21725 f/d folder cd. in 64 ds. for 2 IRCs. (Buer-FL). 21635 cd. in 39 ds. (Lunna-VT). 15035 * cd. in 71 ds. for 1 IRC. (Watts-AUST). 11740 cd. in 100 ds. (Chorosz-ME). 21635 cd. in 38 ds. (Archer-NC)...Most of the above QSLs were obtained after many tries...get them while their hot!!!

ANDORRA: Radio Andorra 6220 p/d cd. in 50 ds. for 2 IRCs. (Lunna-VT). Adventist World Radio 6220 f/d "Series III" cd. in 22 ds. for a tape and 2 IRCs. (Semesky-IN). "Flower" cd. in 51 ds. (Klein-NJ). "Pine Tree and Needle" cd. in 4 wks. (Fisher-ON)*.

ANGOLA: Radio Nacional de Angola 11955 ltr. in 6 wks. for an EG rpt. and * 3 IRCs. v/s Miguel C. Bras, Dept. Manager, Dept. of Exchange and Public Opinion. (Kirkland-ONT)...Very fine...not received too often...Sam.

ANTIGUA: BBC 9510 "Tower Bridge" cd. in 66 ds. (Watts-AUST).

ASIATIC RUSSIA: Radio Moscow via Nikolayevsk-on-Amur 21740 cd. in 66 ds. (Swedberg-OR). via Petropavlovsk-Kamchatsky on 12010 cd. in 80 ds. (Swedberg-OR) 21530 and 7150 cds. in 66 ds. (Swedberg-OR). 21530 "Flame" cd. in 51 ds. (Rigas-IL). via Omsk 17765 f/d "Kremlin Fireworks" cd. in 59 ds. (Swedberg-OR) via Vladivostok on 15130 "Tret'yakovskoy" cd. in 50 ds. (Swedberg-OR). via Yuzhno-Sakhalinsk on 7260 cd. in 30 ds. v/s Elena Belova. (Kretschmer-IA). via Irkutsk on 17880 cd. in 80 ds. (Swedberg-OR). via Komsomolsk-Amur on 9705 f/d cd. in 61 ds. (Swedberg-OR). via Khabarovsk on 7175 and 17805 cds. in 66 ds. (Swedberg-OR). 12050 "Red Square" cd. in 31 ds. (Kretschmer-IA). via Blagoveshchensk on 9580 cd. in 59 ds. (Swedberg-OR). via Yakutsk on 7201 cd. in 2 mo. (Huniwell-NJ)...Guess we covered this pretty well...Sam.

AUSTRALIA: VLM4 4920 f/d "Map" cd. in 56 ds.

for 1 IRC. (Lunna-VT). in 44 ds. for ms. (Falkenhan-MD). VLO9 9660 f/d "Map" cd. in 146 ds. (Rigas-IL). VNG 12000 cd. in 2 mo. (Kidd-CA). Radio Australia 9580 cd. in 28 ds. v/s Peter Barnett, Controller. (Hitsman-IA). Recently, Radio Australia has implemented a policy of only QSLing one month a year. Last year I believe it was November.

AUSTRIA: ORF 5945 f/d "Art" cd. in 54 ds. for 2 IRCs. (Kretschmer-IA). in 5 wks. w/ sticker. (Yingling-MD). 21655 silver cd. in 4 mo. (Matthews-OH). 5945 f/d "Moo-sbrunn SW Transmitter" cd. in 2½ mo. (Matthews-OH). 21500 same cd. in 64 ds. (Banares-PHIL).

AZAD KASHMIR: Azad Kashmir Radio 6275 via Muzaffarabad f/d ltr. in 3 wks.

* via registered mail for a taped rpt. and US \$1.00. v/s M. Sajjad Ali Siddiqui, Engineering Manager. (Lobdell-MA)!!!

AZERBAIJAN: Radio Baku 4785 f/d cd. in 3 mo.

* w/ pocket calendar in R5 for an EG rpt. (Klein-NJ)...Nice hearing from you Stu.

SERVICIO EXTERIOR



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ONDA CORTA

BUENOS
AIRES

RADIO RECORD-7000 KHZ
ESPECIALISTA
EM BRASIL
NEAD XO-81



MAKE YOUR

RESERVATIONS NOW!

BANGLADESH: Radio Bangladesh

* 15285 f/d ltr. in 4 mo./v/s M.D.K. Rahman, Research Engineer. (Huniwell-NJ).

BELGIUM: BRT 15385 f/d cds. of "Grand Square" & "Zee Laan" in 1 mo. (Byron-NY). 11695 "Eglise Monumentale" cd. in 49 ds. (Rigas-IL).

BELIZE: Radio Belize 3285 f/d "Map" cd. in 39 ds. for 1 IRC and ms. v/s J. Johnson. (Meyer-KS) in 18 ds. for 2 IRCs. (Algeri-PA). in 27 ds. for 1 IRC. (Overstreet-GA).

BENIN: La Voix de la Revolution 4870 "Rainbow" cd. in 54 ds. (Meyer-KS). **BOLIVIA: Radio Ilimani 6025 "Lake Titicaca" cd.** and ltr. in 3 mo. for a SP rpt. v/s Mario Ortiz Ortiz. (Howard-CA). "Kalasasaya Temple" cd. in 3 wks. for a SP rpt. and ms. * (Lobdell-MA). "La Paz" cd. in 3 1/2 mo. (Klein-NJ). ltr. and "Monolith Ponce" cd. in 61 ds. for a SP rpt. and ms. (Not used on reply) (Buer-FL).

BOONAIRE: Trans World Radio 11815 cd. in 30 ds. for 3 IRCs. (Thompson-ONT). 9755 cd. in 29 ds. (Kononchik-CT). **Radio Nederland 9590 cd.** in 22 ds. (Forman-NY).

BOUGANVILLE (North Solomons): Radio North Solomons 3322.5 * p/d ltr. w/ pennant in @ 1 mo. v/s N. Gevina, Reception Clerk. (Krause-MN).

BRASIL: Radio Bras 15290 f/d cd. w/ sticker in 60 ds. for 1 IRC. v/s Antonio Augusto Gomes. (Kretschmer-IA). in 21 ds. for an EG rpt. (Overstreet-GA). **Radio Cultura do Para 5045 cd.** in 222 ds. for a PT rpt. and 1 IRC. (Hardester-CA). **Radio Bandeirantes 9645 cd.** in 23 ds. for a PT rpt. (Rigas-IL). **Radio Brasil Central 4985 f/d form ltr.** in 12 wks. for an EG rpt. v/s Arthur Guilherme. (Dittrich-FL).

BULGARIA: Radio Sofia 11830 f/d "Melnik" cd. in 32 ds. (Demmitt-PA). cd. and pennant in 20 ds. for a SP rpt. (Meyer-KS). 7115 f/d "Bachove Monastery" cd. in 172 ds. (Rigas-IL).

* **BURUNDI: La Voix de la Revolution 3300 folder cd.** in 2 mo. for a * FR/EG rpt. and 2 IRCs. v/s Niyokindi Theodore, Le Chef du Service Technique. (Kirkland-ONT)...Very nice QSL.

BYELORUSSIA: Radio Minsk folder cd. in 2 mo. (Kirkland-ONT). **Radio Moscow via Minsk on 15540 cd.** in 6 wks. (Fisher-ONT). 15490 f/d cd. in 43 ds. (Rigas-IL).

CAMEROON: Radio Garoua 5010 f/d ltr. in 6 mo. for an EG/FR rpt. and 2 IRCs. v/s M. Madji. (Witte-CA). in 6 wks. for 2 IRCs. (Forth-IL). in 42 ds. for 3 IRCs. (Watts-AUST). in 3 mo. (House-OH). in 57 ds. for 2 IRCs on 4th try! (Moore-PA). in 158 ds. for 2 IRCs. (Clifford-FRG). in 55 ds. * for 2 IRCs. (Newhall-CT). **Radio Bafoussam 4000 f/d form ltr.** in 2 mo. for 2 IRCs. v/s David Walther LEA, Journalist Assistant. (Fisher-ONT).

CANADA: Radio Canada International 15150 "35th Anniversary" cd. in 145 ds. v/s Ian McFarland. (name?) 5960 and 6165 same in 142 ds. (Rigas-IL).

CANARY ISLANDS: Radio Exterior de Espana 15365 f/d cd. in 39 ds. (Meyer-KS).

CHILE: Radio Agricultura 9630 f/d note on pennant in 93 ds. for 2 IRCs. (Meyer)

CHINA: Radio Peking 9860 f/d cd. w/ 2 pennants in 30 ds. (Leite-MA). 17680 f/d "Autumn View of the Great Wall" cd. in 1 mo. (Matthews-OH). **Xijang PBS 4500 f/d cd.** in 3 wks. (Orcutt-CA). **Guizhou PBS 7276 f/d cd.** in 37 ds. via Peking. (Meyer -KS). **Hunan PBS 4990 cd.** in 1 mo. via Peking. (Craighead-KS). **Jiangxi PBS 5020 cd.** in 1 mo. via Peking. (Craighead-KS). **CPBS 7095 "Tai Ho Hall" cd.** in 5 wks. (Barto-CT).

COLOMBIA: Radio Surcolombiana 5010 ltr. in 5 mo.

* for a SP rpt. and 2 IRCs. v/s Luis Martinez Barragan, Gerente. (Kirkland-ONT).

COSTA RICA: Radio Casino 5954 cd. in 1 mo. for a SP rpt. and ms. (Forth-IL). **TIFC 5055 ltr. & cd.** in 38 ds. (Posporelis-NY). "Microphone" cd. in 49 ds. for 3 IRCs. (Thompson-ONT).

CUBA: Radio Moscow via Habana 6110 cd. in 56 ds. (Swedberg-OR). **Radio Habana Cuba 11760 "Pinos Island" cd.** in 245 ds. (Swedberg-OR).

CYPRUS: Cyprus Broadcasting Corp. 9695 cd. in 21 ds. for an EG rpt. (Rigas-IL).

CZECHOSLOVAKIA: Radio Prague 5930 f/d cd. in 65 ds. (Choroszy-ME). 11990 f/d "World Map" cd. in 116 ds. (Swedberg-OR). 7345 "Peace Square" cd. in 90 ds. Also rcvd. a contest prize! (Demmitt-PA).

REMEMBER THE NEADXO IN SEPTEMBER - SEE YOU THEN.....Sam.

HCJB-ECUADOR



DENMARK: Radio Denmark 15165 f/d "Antenna" cd. in 31 ds. for 2 IRCs. (Meyer-KS). (Leite-MA).

DODECANESE ISLANDS (Rhodes): VOA 6015 f/d cd. in 11ds

DUBAI (U.A.E.): Dubai Radio & Colour TV 11755 f/d cd. in 28 ds. v/s K.F. Fenner. (Gold-NJ). in 30 ds. (House-OH). in 20 ds. for 1 IRC. (Choroszy-ME). in 38 ds. (Demmitt-PA). in 27 ds. for 2 IRCs. (Newhall-CT). in 1 mo. for 2 IRCs. (Insinger-NJ).

ECUADOR: HCJB 9745 f/d cd. in 40 ds. (Kretschmer-IA).

"Agriculture" cd. in 59 ds. (Demmitt-PA). 15295

f/d "Ben Cummings" cd. in 57 ds. (Watts-AUST).

9760 f/d "50th Anniversary" cd. in 42 ds. (Banares-PHIL). 21480 and 17890 cds. in 7 wks. (Barto-CT).

Radio Quito 4920 cd. in 3 wks. for a SP rpt. and ms.

(Forth-IL). **Radio Zaracay** 3395 ltr. in 1 mo. for a SP rpt. and 1 IRC. v/s Elssy Cun C.,

EQUATORIAL GUINEA: Radio Malabo 6250 sent a souvenir postcard of Miami, FL. to the station.

* They returned it as a prepared card. I now have a QSL from Malabo which reads "Greetings * from Miami". This was received in 52 ds. for a SP rpt. and 2 IRCs. (Buer-FL).... This is the * first QSL I've seen from this station in almost 10 years!!... Great QSL Paul!

ESTONIA: Radio Tallinn 6085 f/d "Sailboats" cd. in 100 ds. (Gliksman-IL). (Meyer-KS).

ETHIOPIA: Voice of Revolutionary Ethiopia 9560 f/d green and gold cd. in 119 ds. for 3 IRCs.

EUROPEAN RUSSIA: Radio Moscow via Tula on 9610 cd. in 6 wks. (Fisher-ONT). via Volodga on

15350 cd. in 2 mo. (Matthews-OH). via Ryazan on 15275 cd. in 2 mo. (Matthews-OH). via Arma-

vir on 15320 cd. in 2 mo. (Matthews-OH). "St. Peters" -d. in 50 ds. (Swedberg-OR). 15470 cd.

in 66 ds. (Swedberg-OR). 12040 f/d "Hotel Rossiya" cd. in 55 ds. (Swedberg-OR). 11980 cd. in

59 ds. (Swedberg-OR). via Serpukhov on 15185 cd. in 80 ds. (Swedberg-OR). 17730 cd. in 59 ds

(Swedberg-OR). via Kazan on 11950 cd. in 59 ds. (Swedberg-OR). via Zhigulevsk on 15460 cd.

in 66 ds. (Swedberg-OR). via Moscow on 9750, 9785 and 9650 cds. in 59 ds. (Swedberg-OR).

9450, 11745 and 15435 cds. in 55 ds. (Swedberg-OR). 7440 cd. in 77 ds. (Swedberg-OR). 15500

f/d cd. in 80 ds. (Swedberg-OR).... Guess we covered this one pretty good too!!! Morley Kirk

land received a ltr. from Mrs. Vera Svetlova

stating that only USSR stations that have a

foreign service will QSL. Better luck next

time Morley on Radio Arkhangel'sk!... Sam.

FEDERAL REP. OF GERMANY: Suddeutscher Rundfunk

6030 f/d large yellow folder cd. in 4 mo. for

2 IRCs. Stickers rcvd. v/s E. Berner. (Lazarus-

LA). Deutsche Welle 21600 n/d cd. in 6 mo.

Pennant & stickers rcvd. (Dittrich-FL).

FINLAND: Radio Finland 21475 "Spring in Finland"

cd. in 21 ds. for 1 IRC. (Luke-OH). "Industry"

cd. in 34 ds. (Reinecker-PA).

FRENCH GUIANA: FR3 3385 folder cd. in 3 wks. for

a FR rpt. and ms. v/s Michel Bonnet. (Lobdell-

MA). in 37 ds. for a FR rpt. and a tape, also

1 IRC. Sticker rcvd. (Loh-AZ). in 32 ds. for 1

IRC. (Sedgely-CO). in 1 mo. for 2 IRCs. (Leit-

hner-TN). in 35 ds. for 1 IRC. (Choroszy-ME).

GABON: RTVG 4830 via Franceville n/d "Map" folder

cd. in 37 ds. for a FR rpt. & 1 IRC. (Meyer-KS)

GEORGIA: Radio Moscow via Tbilisi on 15305 f/d cd

in 66 ds. (Swedberg-OR).

GHANA: Ghana Broadcasting Corp. 4915 f/d cd. in 3

mo. for 2 IRCs. (House-OH). cd. in 4 mo. for 3

IRCs. (Matthews-OH). in 54 ds. (Rigas-IL). in 45

ds. for 1 IRC. (Archer-NC). in 101 ds. (Sedgely

-CO). 3366 cd. in 11 wks. (Leite-MA).

GREECE: Voice of Greece 9515 f/d "Poros Island"

cd. in 59 ds. (Forman-NY). 11730 f/d "Plomari"

cd. in 53 ds. (Harrington-CO).

GUAM: KTWR 9510 f/d "World Map"

cd. in 16 ds. for 1 IRC.

v/s G. Lors. (Loh-AZ). in

25 ds. for 1 IRC. (Lunna-

VT). in 20 ds. for 1

IRC. (Rigas-IL). 11840

in 23 ds. for 2 IRCs.

(Reinecker-PA). in 24

ds. for 3 IRCs. (House).



(Gliksman-IL).

SEE YOU IN SEPT..... Sam.



El Presidente Jaime Roldós

inaugura transmisor

500 mil vatios

18 DE FEBRERO 1981

**1,000.000 de vatios
SIRVIENDO a DIOS
al ECUADOR Y
al MUNDO**



GUINEA: Radio National 15310 f/d ltr. in 2½ mo. for a FR rpt., 1 IRC and ms. (Vranes)

GUATEMALA: Radio Chortis Jocotan 3380 f/d ltr. w/ pennant on the reverse side in 25 ds, for a SP rpt. v/s Juan Maria Xhrouet, Director. (Rigas-IL).

Union Radio TGMUA 5980 ltr. in 26 ds. for an EG rpt. and 2 IRCs. v/s Esteban Lopez Porras. (Kusalik-ALTA). Radio Maya de Barillas 2360 f/d form ltr. in 35 ds. for a SP rpt. and 1 IRC. v/s Francisco Juan Pedro, Gerente. (Meyer-KS). 3325 cd. in 1 mo. for a SP rpt. and ms. (Forth-IL). Radio Tezulutlan 4835 f/d cd. and ltr. in 28 ds. for a SP rpt. and ms. v/s Oscar A. Prado, Secretario. (Falkenhan-MD).

HAITI: Radio 4VEH 11835 f/d cd. in 63 ds. v/s Mrs. Edna Beachy, Secretary. (Demmitt).

HAWAII: WWVH 15000 "Dugout Canoe" cd. in 14 ds v/s C.L. Trembath, Engineer in Charge. (Falk-)

HOLLAND: Radio Nederland 17605 via enhan-MD). Lopik "Personnages" cd. in 31 ds. (Harrington-CO). 17695 cd. in 26 ds. for 2 IRCs. (Mazur-PA).

HONDURAS: La Voz de la Mosquitia 4910 HRXX cd. in 60 ds. for a SP rpt. and 2 IRCs. v/s L. Wilkerson. * ADDR: Mision Bautista, Depto. Gracias a Dios, Puerto Lempira, Honduras. (Futch-CA). same in 2 mo. for an EG rpt. and ms. (Lazarus-LA).

HUNGARY: Radio Budapest 9833 f/d cd. in 2 mo. (Barto-CT).

ICELAND: ISBS 12175 f/d "Autumn Landscape at Thingvellir" cd. in 2 mo. (Huniwell-NJ). in 90 ds. (Leite-MA). in 69 ds. (Demmitt-PA). in 47 ds. (Watts-AUST). in 21 ds. for 1 IRC. (Moore-PA). in 88 ds. for 1 IRC. (Meyer-KS). in 34 ds. (Newhall-CT).

INDIA: All India Radio 11620 f/d "Bonnet Macaque Monkey" cd. in 76 ds. for 2 IRCs. (Samuel-MAN). "Taj Mahal" cd. in 88 ds. (Buttrick-CT). f/d "Bombay" cd. in 123 ds. (Sedgeley-CO). "Jaipur Palace" cd. in 66 ds. (Demmitt-PA). 15335 via Madras f/d "Local Art" cd. in 189 ds. for an EG rpt. (Moore-PA). (Leite-MA).

IRAN: Voice of the Iranian Revolution 9022 f/d "Khomeni" cd. in 35 ds.

IRAQ: Radio Baghdad 9745 large folder cd. in 111 ds. for 2 IRCs. (Clearman-)

IRELAND: Radio Dublin 6315 f/d blue and white "Map" cd. in 2 mo. WA). for 2 IRCs. (Fisher-ONT). 6907 f/d "Map" cd. in 49 ds. v/s A. Meier. (Huniwell-NJ). 6909 cd. in 41 ds. for 2 IRCs. (Archer-NC)...Yes this counts! 6910 cd. in 6 wks. for 2 IRCs. (Lobdell-MA). cd. in 1 mo. (Choroszy-ME). f/d cd. in 31 ds. for 2 IRCs. (Sica-NJ). cd. in 5 wks. for 1 IRC. (Leithner-TN).

ISRAEL: IBA 7412 f/d "Jewish Workers" cd. in 2½ mo. (Matthews-OH). 11637 cd. in 38 ds. (Byron-NY). 9515 f/d "Agricultural Pioneer" cd. in 48 ds. (Forman-NY). 9815 * f/d "Chavuzim" cd. in 2 mo. (House-OH). cd. in 108 ds. (Demmitt-PA). Galei Zahal - Israeli Defense Forces Radio 14728 colorful f/d "Map" cd. in 40 ds. for 2 IRCs.

ITALY: RAI 15330 f/d "Bernini" cd. in 150 ds. (Banares-PHIL). 11800 cd. (Futch-GA). in 131 ds. (Swedberg-OR).

JAPAN: Radio Japan 9505 f/d "Wisteria Flowers" cd. in 42 ds. (Rigas-IL). 11780 "Dolls" cd. in 52 ds. (Clifford-FRG). JJY 15000 f/d "Costumes" cd. in 5 mo. (Fisher-ONT). NSB 9760 f/d "Female Sailor" cd. in 140 ds. for 2 IRCs. (Swedberg-OR). Far East Network 6155 "Logo" cd. in 58 ds. Rpt. was sent to the San Francisco HQs of FEN. (Gotsis-AZ).

JAVA: Voice of Indonesia 11790 "Highlands" cd. #8000677 in 55 ds. for ms. (Choroszy-ME). f/d "Mount Bromo" cd. #8000625 in 91 ds. (Demmitt-PA).

KAMPUCHEA: Voice of the People of Kampuchea 11938 f/d personal ltr. in * 135 ds. for a rpt. sent via Hanoi. v/s Miss Som Kim Suor, Head of the Foreign Service. (Meyer-WI).

KENYA: Voice of Kenya 4934 f/d ltr. in 1 mo. (Leithner-TN) in 6 wks. v/s E.I.C. Karen (Craighead-KS).

KHIRGHIZIA: Radio Moscow via Frunze on 17825 f/d "Mischka" cd. in 80 ds. (Swedberg-OR).

KOREA, PEOPLES REP: Radio Pyongyang 7290 f/d "Opera" cd. in 2 mo. (Barto-CT). 9977 cd. in 1 mo. (Barto)

33 ANOS 1977-ANIVERSARIO

EMISORAS Gran Colombia

LA VOZ DEPORTIVA DE LA CAPITAL



50.000 WATS DE POTENCIA
QUITO ECUADOR

105.3M6.FM.
4910 KCS.

20.000 WATS. DE POTENCIA

EMISORAS Gran Colombia

LA PRINCIPAL EMISORA DEL PAIS

LA VOZ DEPORTIVA DE LA CAPITAL

30 ANOS ANIVERSARIO 1977

615 KCS.

SEE YOU IN SEPT.

KOREA, REPUBLIC OF: Radio Korea 11725 f/d "Inlaid Celadon Water Jar" cd. in 1½ mo. (Matthews-OH). same in 124 ds. w/ pennant. (Banares-PHIL). 9570 "Logo" cd. and pennant in 7 mo. (Posporelis-NY). 9720 same cd. in 76 ds. (Harrington-CO). 3930 via Suweon f/d "Art" cd. in 3½ mo. for 2 IRCs. Pennant rcvd. (Kusalik-ALTA).

KUWAIT: Radio Kuwait 11650 folder cd. in 30 ds (Archer-NC). cd. in 84 ds. (Harrington-CO). in 93 ds. for 2 IRCs. (Newhall-CT). in 1 mo. for 1 IRC. (Yingling-MD). in 81 ds. (Sedgeley).

LATVIA: Radio Moscow via Riga on 21615 f/d cd. in 2 mo. (Matthews-OH). "Bus" cd. in 57 ds. (Moore).

LEBANON: Radio Voice of Lebanon 6550 f/d form ltr. * in 3 mo. for 1 IRC. v/s Joseph El-Hashem, General Manager. (Fisher-ONT).

LESOTHO: Lesotho National Broadcasting Service 4800 f/d * "Flag" cd. in 3 mo. (Craighead-KS). same in 2 mo. for 3 IRCs. (Davis-CA).

LIBERIA: ELWA 4765 n/d "Antenna" cd. in 79 ds. for 3 IRCs. (Samuel-MAN). cd. in 7 mo. (Posporelis-NY). 4770 cd. in 23 wks. for 2 IRCs. (Taylor-PA)...Your gonna get yours in Sept! 11830 cd. in 193 ds. for 2 IRCs. (Futch-GA). cd. in 4 mo. for 2 IRCs. (Kirkland-ONT). cd. in 10 mo. for 2 IRCs. (Witte-CA).

LITHUANIA: Radio Vilnius 9710 f/d plain white cd. in 9 wks. v/s * J. Lukosevicius. (Gliksman-IL)...This 9710 channel is the domestic service from Kaunas. The majority of other Radio Vilnius outlets are actually located throughout the Soviet Union...Sam. 7150, 15240, 17870, 15100 and 9750 cd. in 104 ds. (Thompson-ONT). Radio Moscow via Kaunas on 11860 f/d cd. in 57 ds. (Moore-PA).

MALAGASY REPUBLIC: Radio Nederland 15220 f/d "Three Personnages" cd. in 24 ds. (Lunna-VT). 21480 same cd. in 30 ds. (Banares-PHIL).

MALAYSIA: Voice of Malaysia 15295 cd. in 4 mo. for 2 IRCs. (Kirkland-ONT).

MALDIVES: Voice of Maldives 4754 f/d ltr. in 5 mo. for a registered rpt. and * 1 IRC. (Meyer-KS)...Very nice QSL!

MALTA: Deutsche Welle 9565 n/d cd. in @ 1 mo. (Yingling-MD). Xandir Malta 9670 ltr. in 171 ds. for 1 IRC. v/s Victor Aquilinn, Head of Radio Programs. (Briscoe-IN). IBRA Radio via Radio Mediterran 9510 f/d cd. in 50 ds. (House-OH).

MAURITANIA: Radio Mauritanie 4845 f/d cd. in 43 ds. for a FR rpt. and 1 IRC. (Meyer)

MEXICO: Radio Mexico XERMX 15430 f/d cd. in 44 ds. for an EG rpt. and 2 IRCs. Also rcvd. stickers. (Newhall-CT). cd. in 4 mo. (Posporelis-NY). cd. in 34 ds. for 2 IRCs. Stickers and a very beautiful book on Mexico was also rcvd. (Watts-AUST).

MONACO: Trans World Radio 9495 "Antenna" cd. in 24 ds. w/ pennant for 1 IRC. (Lunna-VT).

MONGOLIA: Radio Ulan Bator f/d "Horseman" cd. in 109 ds. Also rcvd. "Boy w/ Bear" pennant. (Hoffman-PA). 6385 folder cd. in 113 ds. (Demmitt-PA). (Fisher-ONT).

NAMIBIA: Radio South West Africa 4965 f/d "Mountain Fire" cd. in 3 mo. v/s C. Hegge.

NEW ZEALAND: Radio New Zealand 15485 f/d cd. & pennant in 68 ds. for 2 IRCs. (Rigas-IL). 11945 "Wood Carving" cd. & pennant in 2 wks. for 2 IRCs. (Yingling-MD).

NICARAGUA: La Voz de Nicaragua 5950 ltr. and pennant in 51 ds. for a SP rpt. v/s Eustasio Sanchez, Director Onda Internacional. (Rigas-IL). in 58 ds. for 2 IRCs. v/s Esperanza Roman. (Newhall-CT). same in 40 ds. for ms. (Falkenhan).

LA VOZ DE LOS ANDES

QUITO ECUADOR

HCJB



EQUADOR HCJB ECUADOR

EQUADOR HCJB EQUATEUR



NIGER: ORTN 5020 f/d ltr. in 5 wks. for a FR rpt., 3 IRCs and ms. (Meyer-KS).

NIGERIA: Voice of Nigeria 15120 f/d cd. in 1 mo. for 1 IRC. (Archer-NC).

REMEMBER THE DATE
SEPT. 12 & 13

RADIO OCCIDENTE

Tovar 1974



ЭКВАДОР ГОЛГОС АНД

OMAN: Radio Oman 11890 f/d "Al-Kamil * Scene" cd. in 94 ds. Sked also rcvd. C/V #100!(Cucura-PA)..Fine!

PAPUA NEW GUINEA: NBC 4890 p/d ltr. in 1 mo. v/s N. Gevina, Reception

* Clerk.(Krause-MN). Radio Central 3290 f/d ltr. in 6 mo. for 1 IRC. (Klein-NJ). Radio Milne Bay 3360 f/d form ltr. & pennant in 6 mo. after a follow-up for 1 IRC. (Klein-NJ). Radio West Sepik 3205 f/d ltr. received direct in 13 mo. for a tape rpt. v/s Gabriel Dechwalen, Station Manager. (Kusalik-ALTA). Radio Northern 2468 f/d cd and ltr. direct from station in 1 mo. for 2 IRCs. (Leithner-TN).

PARAGUAY: Radio Nacional 11915 form ltr. in 6 wks. for a SP rpt. and 1 IRC. v/s Carlos Tomas Montaner, Jefe Tecnico. (Gliksman-IL) in 5 wks. for 2 IRCs. (Fisher-ONT). in 42 ds. (Leite-MA).

PERU: Radio Atlantida 4790 personal ltr. and new style pennant in 5 wks. for a SP rpt. v/s Ivan Tenorio Matute, Administrador (Barto).

PHILIPPINES: VOA Tinang 9545 f/d cd. in 22 ds. (Hitsman-IA).

POLAND: Radio Polonia 9525 "Lazienki Park" cd. in 59 ds. (Buttrick-CT). cd. in 2 mo. (House-OH). 15120 f/d cd. in 2 mo. for 1 IRC. Banner rcvd. (Meyer-KS). 7145 f/d "Old Town" cd. in 2 mo. (Matthews-OH). 7145, 9525, 15120, 11815 and 7270 f/d cds. in 6 wks. (Barto-CT)... Zdzislaw Frackiewicz is the v/s per all the above...Sam.

PORTUGAL: Radio Portugal 11925 f/d "Vasco da Gama" cd. in 35 ds. (Moore-PA). f/d cd. in 230 ds. (Kononchik-CT). IBRA Radio 9670 f/d cd. in 3 mo. for 2 IRCs. (Dittrich-FL).

* Radio Renascenca 11885 blue and white cd. in 10 wks. for 2 IRCs. and an EG rpt. (Fisher-ONT).

ROMANIA: Radio Bucharest 11840 f/d cd. and 1981 desk calendar in 5 mo. (Matthews-OH). 11940 f/d "Moldava Spa" cd. in 111 ds. Badge rcvd. (Swedberg-OR). 15335 cd. in 111 ds. (Swedberg).

RWANDA: Deutsche Welle 15410 n/d cd. in 5 wks. (Barto-CT).

SARAWAK: Radio TV Malaysia 4950 f/d "Broadcasting House" cd. in 21 ds. for 1 IRC. (Sedgeley).

SCOTLAND: Weekend Music Radio 6260 f/d large "Logo" cd. in 55 ds. for 2 IRCs. v/s Jack Russel. Also rcvd. 90 minute tape of their broadcasts. (Fisher-MA). f/d ltr. in 1 1/2 mo. 20 watts!!! (Klein-NJ). ltr. in 2 mo. for a taped rpt. This ain't the BBC Fishery Station. (Bares-CT)..Sure ain't!

SEYCHELLES: FEBA 15325 n/d "Map" cd. in 48 ds. for 2 IRCs. (Samuel-MAN). in 30 ds. for 3 IRCs. (Lunna-VT). 15160 n/d cd. in 233 ds. (Banares-PHIL)..Station only QSLs target broadcast areas...Sam.

SIERRA LEONE: SLBS 5980 f/d personal ltr. in 33 ds. for ms. v/s H.A. Lynch. (Falkenhan-MD).

SINGAPORE: Radio Singapore 11940 f/d "Logo" cd. in 179 ds. for 1 IRC. (Swedberg-OR). in 33 ds. for 2 IRCs. (Fisher-MA) in 78 ds. for 1 IRC. (Banares-PHIL). in 60 ds. (Reid-CA).

SOLOMONS: SIBC 5020 f/d "Logo" cd. in 32 ds. (Reid-CA).

SOUTH AFRICA: Radio RSA 15155 f/d "Railway Station" cd. in 28 ds. for 1 IRC. (Luke-OH). 11900 f/d "Elephant" cd. in 18 ds. (Moore-PA). 17775 same cd. in 36 ds. w/ pennant. (Banares-PHIL). 9585 f/d cd. in 33 ds. (Forman-NY). cd. in 24 ds. (Overstreet-CA) cd. in 24 ds. (Kononchik-CT). Capital Rad Radio 11750 f/d "Kob Inn" cd. in 3 mo. for 3 IRCs. (Craighead-KS).

SPAIN: REE 11880 f/d "Las Meninas" cd. in 33 ds.

(Kononchik-CT). 9630 "El Caballero" cd. (Buttrick-CT).

Radio Atlantida

PERU

OAX-BJ 1490 KC
ONDA LARGA

OAX-BK 9625 KC
ONDA CORTA

OAX-BF 4790 KC
ONDA TROPICAL

THIS IS THE NEW
MULTI-COLORED PENNANT
FROM RADIO ATLANTIDA.

QSL COLUMN
REPORT FORMS
ARE AVAILABLE
FROM YOUR EDITOR
FOR AN SASE...Sam.



QSL Inform Reception 21-10-10

3990

5000

QSL

RADIO AGRICULTURA CHILE

CB 57	MW	80 KW
CB 57	MW	10 KW
CD 120	MW	10 KW
XQB 8	FM	10 KW
XQD 11	FM	1 KW
CE 963	SW	10 KW
9.630 KHZ-31.152 M		

SRI LANKA: Adventist World R.
via SLBC 4940 cd. in 45 ds.
v/s Adrian Peterson. (Watts-
AUST). 15120 and 17850 RMI cd
in 44 ds. (Banares-PHIL).

SUMATRA: RRI Padang 4003 f/d per
sonal ltr. in 65 ds. for an
* IN rpt. and ms. v/s Ain Zain-
oeddin, Station Secretary. He
is a stamp collector! Get the
hint? (Kusalik-ALTA).

SURINAM: Radio Apintie 5005 ltr.
in 31 ds. v/s E. Vervuurt,
Director. (Rigas-IL). 5006 f/d
ltr. in 2 mo. for 1 IRC. (Cho-
roszy-ME). f/d ltr. in 76 ds.
for 2 IRCs. (Newhall-CT).
Radio SRS 4850 f/d ltr. in 1
mo. for 1 IRC. v/s Roy Zschu-
sachen, QSL Manager. (Choroszy-
ME). in 60 ds. (House-OH).

SWAZILAND: Trans World Radio 9730
folder cd. in 52 ds. (Harring-
ton-CO).

SWEDEN: Radio Sweden Internation-
al data cd. in @1 mo. (Barto)

SWITZERLAND: Swiss Radio Inter-
national 21570 via Sottens cd.
in 25 ds. (Fisher-ONT). 9725
"Schiara Mountain Range" cd.
w/ sticker in 89 ds. (Demmitt-
PA). same in 1 mo. for 1 IRC.
(Yingling-MD). 15305 "Globe" cd.
in 31 ds. (Banares-PHIL). in 26 ds. for 1
IRC. (Luke-OH). 21520 and 21585 cd. in 5 wks.

* (Barto-CT). United Nations Radio 14500 f/d "UN" cd.
in @ 3 wks. (Barto-CT).

TAHITI: FR3 15170 "Island Girl" cd. in 2 mo. for a taped rpt. and 2 IRCs. (Briscoe-IN).

TAIWAN: Voice of Asia 5980 via Kaohsiung f/d cd. in 1½ yrs. for 2 IRCs. (Lazarus-LA). cd. in
* 259 ds. for ms. (Hardester-CA). cd. in 54 ds. (Banares-PHIL). Voice of Free China 15270
f/d "Butterfly" cd. in 47 ds. Coin purse was rcvd. (Banares-PHIL). cd. in 78 ds. w/ pins.
(Gotsis-AZ). 11745 cd., pennant and decal in 29 ds. (Posporelis-NY).

TIBET: Lhasa Xizang PBS 7170 f/d cd. via Peking in 39 ds. (Leite-MA).

TOGO: Radio Togo 5047 f/d "Map" cd. in 95 ds. for 2 IRCs. (Loh-AZ). cd. in 2½ mo. for 1 IRC.
(House-OH). cd. in 87 ds. for a FR rpt. and 2 IRCs. (Meyer-KS). in 54 ds. (Samuel-MAN).

TURKEY: Voice of Turkey 9725 f/d cd. in 28 ds. for ms. (Sica-NJ). "Castle" cd. in 30 ds.
* (Kononchik-CT). cd. in 1 mo. for 1 IRC. (Yingling-MD). Turkish State Meteorological Service
6900 form ltr. in 2 mo. for 1 IRC. v/s M. Cemil Ozgul, Director General. (Gliksman-IL).

in 58 ds. for a tape and 2 IRCs. (Fisher-MA). in 9 wks. (Lobdell-MA).
UKRAINE: Radio Moscow via Simferopol on 15130 f/d "Hotel Rossiya" cd. in
80 ds. (Swedberg-OR). via Kiev on 7165 f/d cd. in 61 ds. (Swedberg-
OR). via Ivano-Frankovsk on 7115 f/d "Tretyakovskoy Gallery"
cd. in 56 ds. (Swedberg-OR). Radio Kiev 17870 f/d cd. in
49 ds. (Leite-MA). in 2 mo. w/ Olympic patch for 1 IRC.
(Yingling-MD). in 52 ds. (Hartsell-CA).

UPPER VOLTA: Radio Voltaique 4815 ltr. in 39 ds.
for a FR rpt. and 3 IRCs. (Meyer-KS).

USA: AFRTS 21570 Dixon f/d cd. in 45 ds. (Ban-
ares-PHIL). 15330 Delano f/d cd. in 24
ds. (Briscoe-IN). KGEI 9750 f/d cd. in
87 ds. (Banares-PHIL). WWV 15000
f/d cd. in 25 ds. v/s John B.
Milton, Engineer in Charge.
(Falkenhan-MD).

WYFR 5985 f/d cd.
in 24 ds. (Konon-
chik-CT).



Radio LUZ Y VIDA

1W 09'57K 0541
50 ANOS

1825 KLS. 63 1W

AL Servicio de Dios La Patria y la Cultura

LOJA

USA: VOA 9530 via Greenville f/d cd. in 15 ds. (name?) WINB f/d cd. in 2 mo. (Yingling-MD).
 * WPOT 7425 f/d "Logo" cd. in 21 ds. for ms. v/s Chuck Wood. (Semsky-IN). Voice of Syncom
 * 6275 f/d certificate in 3 wks. w/ poster. (Moore-PA). Radio Confusion 13988 "Scenic Lake
 * Confusion" cd. in 2 mo. via FRC-USA. v/s Crazy Roger. (Fisher-ONT). Jolly Roger Radio
 6210 f/d cd. in 1 mo. 30 watts! v/s Bruce Quinn. (Fisher-ONT).
 USSR: Radio Station Peace and Progress 17730 f/d cd. in 30 ds. (Rigas-IL). Radio Moscow
 12010 f/d cd. and ltr. in 41 ds. (Hitsman-IA)... When writing to Radio Moscow always re-
 quest them to list the transmitter site on the QSL card!... Sam.
 UZBEK: Radio Tashkent 15460 f/d "Building" cd. in 45 ds. Pennant and pin rcvd. (Semsky-IN).
 5945 "Textile Workers Cultural Palace" (you have to be kidding!) cd. in 3 mo. (Kidd-CA).
 VATICAN: Radio Vatican 6015 f/d "Building" cd. in 14 ds. (Kononchik-CT). cd. in 18 ds. for
 1 IRC. Schedule was also rcvd. (Overstreet-GA).
 VENEZUELA: Radio Yaracuy 4940 f/d ltr. in 53 ds. for a SP rpt. and ms. Pennant rcvd. (Meyer-
 KS). La Voz de el Tigre 3255 f/d form ltr. in 22 ds. for a SP rpt. and 1 IRC. Decal was
 rcvd. v/s Carlos Poleo, Director. (Meyer-KS). Ecos del Torbes 4980 f/d form ltr. in 3 mo.
 for a SP rpt. Pennant rcvd. (House-OH). same w/ stickers in 122 ds. and a SP rpt. v/s G.
 Gonzalez Lovera. (Demmitt-PA). pennant and ltr. in 90 ds. (Harrington-CO).
 VIETNAM: Voice of Vietnam 10080 f/d paper cd. in 91 ds. for 1 IRC. (Sedgely-CO). same in 125
 ds. (Meyer-KS). 10080 cd. in 165 ds. (Semsky-IN). 15012 in 390 ds. for 2 IRCs. (Newhall-CT)
 WEST BERLIN: RIAS 6005 f/d "Studio" cd. in 38 ds. for 1 IRC. (Moore-PA).
 WEST IRIAN: RRI Wamena 5044 f/d cd. in 3 mo. for an IN rpt. and ms. (Kusalik-ALTA). RRI Biak
 * 5451 f/d cd. in 1 mo. for an IN rpt. and ms. v/s Muchtar Yushadilaga BA in personal ltr.,
 Usman Iijas, Kepala Stasion on QSL card. Write to Muchtar... he will answer you in English
 (Lazarus-LA).
 YEMEN ARAB REPUBLIC: Radio Sana'a 9780 p/d ltr. in 406 ds. (Moore-PA). in 3 mo. (House-OH).
 in 4 mo. after many reports. (Craighead-KS).
 ZAMBIA: Zambia Broadcasting Service 4910 B&W cd. in 5 wks. for a tape and 2 IRCs. v/s H. Her-
 old. (Witte-CA). 4911 f/d cd. in 97 ds. for 2 IRCs. v/s Peter Musuba. (Loh-AZ).
 ZIMBABWE: ZBC Radio II 3306 n/d new "Zimbabwe" cd. in 18 wks. v/s S. Townsend. (Howard-CA).
 * ZBC Radio I 3396 f/d cd. in 73 ds. for 2 IRCs. (Lunna-VT). f/d cd. in 15 wks. (Taylor-PA).
 cd. in 94 ds. for 2 IRCs. (Loh-AZ). cd. in 6 wks. for 3 IRCs. (Kirkland-ONT).

This month we had our second highest total ever... 129 NASWA List countries reported!!!
 I believe that our highest total was 132 countries.... Pretty good for the Spring!... Sam.

NOTES: William Krause and others have noted that the NBC at Boroko has a new verification
 signer, namely N. Gevina, Reception Clerk. The NBC, in the past, has been extremely
 good in QSLing our reports. Bill plans to express his thanks to the NBC and hope
 that the new v/s will be as responsive to our reports and carry on in the same
 tradition... Good idea Bill!

John Fisher in Ontario says that he has just finished 5 years at the University and
 will shortly be vacationing in the Mariti e Provinces... Nice place to visit, wish I
 could be with you... Sam.

NEADXX: This years outing promises to be the best yet. Once again we expect somewhere
 around 100 people to attend. I have the feeling that we are going to get many more
 this year. Every quality item that you have seen in the HAP Page since Sept. of last
 year will be available at the outing!!! The banquet will be at the Preston Hill Inn.
 The room accommodations are cheaper than last year! Sorry no pool but lots of other
 wet stuff! You may write to me or call (203) 589-0083 for further information... Sam.

Radio Malabo

I saved the best for last. I was planning to have an all Latin column, but I had to put this one in. This is the first one I've seen or heard about in something like 10 years! Congratulations to Mr. Paul Buer!!! Like the card, my hand goes out to you Paul!

Till next time,

Sam

Informe de recepción:
 Fecha - 22 de Febrero de 1981
 Hora - 2245-2307 hora de Malabo
 Frecuencia - 6250 kilohertz

Paul Buer
 Mr. Paul Buer
 8295 SW 2nd Street
 Miami, Florida 33144
 United States Of America

AVION
 28.MAR.81-97
 MALABO
 GUINEA ECUATORIAL

Top View: Moon Over Miami
 Bottom View: Aerial view
 City: 70CS

REPUBLICA DE GUINEA ECUATORIAL
 REPUBLICA DE GUINEA ECUATORIAL
 REPUBLICA DE GUINEA ECUATORIAL
 REPUBLICA DE GUINEA ECUATORIAL

15 AVION
 28.MAR.81-97
 MALABO
 GUINEA ECUATORIAL

50 PAFAS
 1981
 MALABO

PO

BLOS PRESS, INC.

M
 BP

HAP BID WINNERS: S. Sbordone(376);L. Dekeyser(371);R. Kenneally(381);G. Walton(368,383);K. K. Chatterton(382);B. Campbell(336,342);E. Higgins(346);L. Kantor(341);N. Dickerson(338, 351);D. Moore(354,361);T. Adams(345);R. Wein(359);B. Matthews(364);K. Mason(378,384); A. Oskeno(348,349);B. Hassman(360,380);J. Fisher(389);P. Grenier(365,366);J. Pascoe(337); R. Kincaid(358,362);R. Kramer(374);T. Semesky(340,375,379);G. Hoefel(363,367);H. Grice(339, 387,390);A. Reid(391);G. Danilescu(386);C. White(357);and our big winner P. Chisholm(335, 343,344,347,350,352,353,355,356,369,370,373,388,392,393,394,395,396,397). Thank you gang!!

BID ITEMS: #458:R. Rhema-3XC(New Zealand)sticker(3x8.5")m/c-beauty! #459:R. Rhema-1XG(New Zealand)sticker(3x8.5")m/c-beauty! rare! #460:R. Kapiti(New Zealand)sticker(2x8")red,white & blue,100 watt station! #461:R. Taupo(New Zealand)sticker(5x6")100 watt station! #462:Lake-land Radio(New Zealand)sticker(3x8.5")red,white & blue. #463:HCJB "50th Anniversary" cloth pennant(4x7.5")blue,white & gold. #464:Radio Sam(New Zealand)adjustable cloth hat:red and yellow.This is a holiday station no longer in operation! #465:R. Waikato(New Zealand) T-Shirt(S)yellow & black"Rocktober in the 80's". #466:R. Monte Carlo sticker(2.5x6")red,white #467:R. Rhema-3XC(New Zealand)station pen,blue & white. #468:R. Rhema-3XC(New Zealand)poster (12x17")m/c-sharp! #469:Voice of Turkey flag pennant(4.5x7.5")red,white-beauty! #470: 7EX(Australia)key chain,red,white & blue-beauty! #471:WLUPMetal badge(2")cir)B&W. #472:Amateur Radio First Day Cover w/stamp from Anchorage, Alaska! #473:KEAR decal(5x6")m/c-sharp. #474:R. Marlborough-2ZE(Australia)decal(2.5x9")blue,B&W-beauty! #475:Bremen-TV(Germany) decal(4.5x6")m/c. #476:Bremen-TV Regional CH22 decal(6")cir)m/c-beautiful! #477:R. Marlborough-2ZE(New Zealand)key chain,blue & white. #478:R. Marlborough-2ZE(New Zealand)large pen, red,white & blue-sharp! #479:R. Solent-BBC(UK)station pen,m/c. #480:R. City-194(UK)station pen,red,B&W. #481:R. City-194(UK)key chain,red,B&W-very nice! #482:WPEZ paper hat,blue and white. #483:R. Waikato(New Zealand)cloth hat:red,white-super item! #484:WCIL station pen, beauty! #485:R. Hauraki(New Zealand)sticker(5x7")"Summer in the City"beauty!This was NZ's first pirate station-now legitimate! #486:R. France International cloth pennant(4x8")blue & white. #487:ORU(Belgium)cloth pennant-older version(5x8.5")red,yellow & black. #488:R. Netherland cloth pennant(4x6")m/c. #489:R. RSA(South Africa)sticker(3.5x5.5")yellow & black. #490:R. Veritas(Philippines)paper pennant(3x5.5")red,black. #491:AM Station Jingles from 6 different stations on cassette tape-great for collector! #492:R. Antilles(Montserrat)decal (2x8")red,B&W. #493:WVMI(Virgin Islands)sticker(3.5x5")blue & white-great demand item-just located some! #494:VOA First Day Cover w/ stamp-great for frame! #495:BBC Radio One sticker (2x1.5")m/c-sharp! #496:Frans World Radio sticker,m/c. #497:R. City-194(UK)cloth arm patch red,B&W-beautiful! #498:R. France International"Heart"station pen,orange & black. #499:WPX station pen,B&W. #500:CBC-Northern Service vinal pennant(3.5x8.5")blue & white. #501:CBC-Northern Quebec Service vinal pennant(3.5x8.5")blue & white. #502:R. Sweden paper pennant (4x8.5")blue & yellow. #503:R. New Zealand paper pennant(3.5x8.5")red,yellow. #504:R. Canada International vinal pennant(4.5x9")red,white. #505:R. Mexico-XERMX cloth pennant(6x8.5) m/c-sharp! #506:WWON ice scraper,orange. #507:WWON ice scraper,yellow. #508:R. Tay(UK)sticker(3x8")B&W. #509:CKVO(Newfoundland)sticker(5")cir)white,brown & yellow-sharp! #510:WWWE plastic litter bag(14x15")2 tone brown-beauty! #511:CBC(Canada)plastic tote bag(14x15") orange & white. #512:CFTR metal badge(2")cir)blue & orange. #513:WNET metal badge(1.5")cir) blue,yellow. #514:R. City-194(UK)metal badge(1")cir)orange,B&W. #515:R. Avon(New Zealand) sticker(5x7")m/c-beautiful! #516:BRT paper pennant(4x8")m/c. #517:WWON station pen,blue. #518:WWON station pen,yellow. #519:VOCM(Newfoundland)sticker(3x13.5")white,brown,yellow. #520:WCOZ paper holder, yellow,black & pink-beautiful!...Is there something here for you???

HAP DIRECT SALE ITEMS: The following stickers and decals are \$.25 each or 5 for \$1.00: WDSW, WDOV, KOMB, KMRJ, KPNW, WNOX, WBCS, WTMJ, KCUZ, KYXX, KJR (large), KFRC, WLUP, R. Rhema(NZ), WCIL, WGGH (large), WGGH (small), Swiss Radio International, R. Medway(UK), Abertawe Radio(UK), ZZA, R. Tees, R. Budapest, R. Trent(UK), R. Benelux, Piccadilly Radio, Downtown Radio, CKNW, CRE, CKCK, CKNX, CKAN, FWON, KWKH, KROK, WCMS, WGH, KUIK, WDCR, WCOZ, WJDY, WHAS (large), WHAS (small), KWNC, KREM, Canadian Forces Network (FRG), WGLE, KINK, WCUZ, WRKO, WWWE (small), WWWE (large), WWOV, WKHI, KOHI, WSBA, WLPX, KSHE (small), KSHE (large), WJEJ, WMMD, WAYZ, WPGC, WNDU, WNNY, KNIX (large), KNIX (small), WMNI, WQHI, KFOR, KROY, WRCK, WEFM, WRBR, WYSL, WWSW, WFPF (large), WFPF (small), WNET, WOKW, WRFK, KYMS, KJR, WHAL, WEEU, WKTJ, WCFL (large), WCFL (small), WDET (large), WDET (small).....The following stickers/decals are available for \$.50 each: Oceania...7EX, KGMQ, 3ZM, BDN, 12M, ABC-TV, 6WF, 22G, 2HD, 1ZH, 3AW, 2GB, KSSK, ABC-FM Perth, and ABC-FM Launceston. Europa...Polskie Radio, ORF, R. Nederland"His and Hers", R. Nederland"Afroszene", R. France International (small), R. France International (large), R. Skaraborg(Sweden), R. Trent, and VARA Radio. Americas...R. Canada International, CFMB Radio Montreal.....The following items are available at the quoted prices: WLS and KREM plastic ID cards at \$.25 each; Voice of Syncom mini-poster \$.25; European Music Radio banner at \$.25 each. We have these in red and black. KLOS "Too Hip" sticker at \$.50; ORF pin at \$.50; WHBQ "Banana" decal at \$.50; WRCK "Napkins" at \$.25.

USA SPECIAL: (My Choice) 6 different stickers/decals for \$1.00, 13 different for \$2.00 or 21 different for \$3.00.

SHIPPING: Most USA orders and some overseas ones are shipped via third-class mail. Allow a little time for delivery.

ADDRESS: Send your bids and orders to Sam Barto, 460 Emmett St. B-19, Bristol, CT. USA 06010.

HAP THANKS: Thanks go out to Mark Schlesinger, John Pascoe, Robert Wien, Scott Warner, Mark Strickert, Walter Dittrich, Kevin Meyer, Roland Archer, Al Schlaugat, Dario Monferini, Tom Haskett, Bob Fraser, Diane Levesque, Ralph Haring, Roger Gianinni and to my D.C. friend!!

Africa					Africa				
REPORTER/LOCATION	C/H	C/V	C/HC/V	Best QSL	REPORTER/LOCATION	C/H	C/V	C/HC/V	Best QSL
Cesar Braga, MA	159	79	29	5	Chris Pygott, Ont	90	65		
Bryan Price, KY	158	88	45	15	Alan Zeichick, ME	90	57	12	4
Steven Sbordone, FL	156	80	31	13	Daniel Sampson, WI	89	58		
John Meyer, WI	152	104			Duane Wise, IN	87	51		
Herman Ackermann, Ger.	152	110			David Mosier, CA	85	39	10	3
Bruce Ewenstein, NY	152	86	43	21	Thomas Semesky, IN	85	60	12	2
Kevin Mickell, IL	152	115	20	8	Clarence Wilson, TX	85	65		
Robert J. Vance, TX	151	117	37	23	Edward Stroh, IL	83	70		
Terry Colgan, TX	151	55	40	7	Jim Green, AL	81	66		
John Kapinos, MA	151	128	27	23	Richard Dale, MO	79	30	11	2
Robert Beaudoin, CT	151	117	29	25	Jim Shaver, OR	79	54	7	5
James McClure, KY	150	86	44	13	Gerald Clark, IN	76	57	12	5
Tom Overcamp, SC	147	126	41	30	John Lentz, WI	76	48		
Roly Desrosiers, MA	146	119	39	21	Louis Sica, Jr., NJ	75	20		
Jerry Johnston, KY	146	91			Terry Weinhold, PA	74	47	9	3
Walter Kunz, PA	146	71	39	15	Austin Kelly, IL	71	52		
Baxter Hensley, TX	145	126	35	24	Al Schlaugat, WI	71	59	8	5
Joe Talley, IN	143	143			Koe Kremer, WI	70	26		
Kevin Meyer, KS	140	95	12	7	Paul Brouillette, MI	69	54	9	5
Robert Viau, Que.	140	123	35	28	Jerry Schmidt, WI	69	44	6	4
H. L. Reeder, TN	139	10			Ed Dye, AR	65	37	7	2
Larry Cunningham, OH	137	42			Eric Mayer, OH	63	33	4	1
Walter Dittrich, FL	136	109	26	11	Michael Laird, MO	63	47	7	4
George Link, CA	135	106			Paul Janto, NY	63	35		
Stephen Leite, MA	134	115	23	20	Mike Reid, CA	59	23		
Mac Leonhardt, IN	133	70			Ron Carbis, CA	58	33	7	2
Daniel Vjens, NH	133	26	31	3	Jean-Pierre Caravan, PA	57	21		
Jim Hilliker, CA	132	99			Terry Ward, IA	54	46		
Terry Moon, CA	132	82			James Lonsdale, FL	53	40		
Don Moman, Alberta	131	43			Peter Giacomelli, NY	52	41		
Doug Wirsz, BC	130	100	26	12	George Tokarchick, NY	52	36		
Gilles Michaud, Que.	130	50	26	8	Karl Niehaus, OK	50	1		
Dave Maxfield, MI	130	28			N. L. Hawthorne, MI	47	27		
Charles Connell, CA	129	80	30	12	Joy Cronin, NY	44	35		
Chris Leithner, TN	128	97	26	15	Tom Clutters, OH	42	20		
Gerald Word, GA	128	105	30	20	Sally Owens, OR	42	23		
Shawn McDaniel, IN	120	20	27	8	Paul Lerner, NY	40	36	4	3
David Sedgeley, CO	120	96	23	17	Mike Colacarro, MA	40	37		
Chris Clayton, UT	119	29	22	4	Bob Gunderson, MN	37	23	4	1
Gene Eastman, TX	118	68	26	8	Walter Swain, FL	34	18	2	2
Charles George, TX	116	85	26	15					
Timothy Noonan, WI	116	83	33	9	Thanks again to our Scoreboard contributors.				
Jeff Kruszka, OH	115	16			You may update once a year if you wish by				
Robert Wallace, HI	114	91	21	15	sending me your C/H C/V totals and best QSL				
Ken Loh, AZ	113	70	28	13	for all continents in the following order:				
Bill Algeri, PA	111	76	25	8	Africa				
Thomas Lebrzyk, NJ	111	59	19	9	Antartica				
Paul Choroszy, ME	110	72	24	13	Asia				
Paul House, OH	109	64	29	10	Europe				
Robert L. Woods, VA	109	42	22	2	N. America				
Mildred Marshall, ND	108	93	24	18	Oceania				
Marjorie Burns, IL	108	83	25	17	S. America				
Mike Brooker, Ont.	108	83	20	11	Remember all countries and continents are per				
Pete Grenier, CA	102	74	12	9	NASWA Country List.				
Bill Taylor, PA	101	76	20	12	Next Deadline is <u>15 August 1981</u>				
R. N. Harrington, CO	100	61			Spotlight will be on Asia and Antartica, be				
Norm Newhall, CT	99	91	13	11	sure to let me know if you have heard and/or				
Michael Calderwood, CO	98	58			verified Antartica when updating totals.				
Kelvin Watts, Austral.	94	66			I need your updated totals for Asia, Antartica				
Eric Goodson, SC	92	34			heard/verified will be indicated by an *.				
Stephen Knuddle, RI	92	43			See you next time, JAL				
Bill Leal, Ont.	92	63							
Brent Daigleish, Ont.	91	46							

update

June 1981****Number 92

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 7-10p.m. Central Time ONLY

COMING DEADLINES: 10 June (Mid-June) 21 June (July) 10 July (Mid-July)

production permitted provided credit is given original reporter and NASWA UPDATE. Dates, times and days are GMT; freqs are kHz.

BANIA RT, 7065, in PT 0135-47; long lecture abt prosperity in People's Ablania. Do not confuse w/ Cuban clandestines. (Bob Rankin, KS 5-20)

BLIVIA R. Illimani, 6025, in SP/Ind 1028; good. Talk in Ind., fine ID by W in SP, freqs "desde Paz." Good despite AFRTS 5 kHz up. (Jack Jones, MS 5-1)---same, 2350-0114 9 May in SP w/ long itebol game and many items of team "los rojos de Santa Cruz." Mixing w/ Budapest 0026. Freqs 135 and into US top 40 stuff. Strong. (Steve Reinstein, FL)+++R. Panamerica, 6105, in SP 1045-49; air. Folk mx, ID 1052, and into "Presente Bolivia" by M. Deteriorated fast. (Reinstein, FL 5-9)

YTSWANA RB, 4845, in EG 0430; fair. M w/ nx summary and into verns w/ presumed same. (Stu Klein, FL)---Same is a regular here. tba

LAZIL Rdf Maranhao, 4755, in PT 0110; poor. Futebol w/ anncr screaming goooaal. Clear ID by M. et w/ UTE and fading. (Reinstein, FL 5-13)+++RN Cruzeiro do Sul, 4765, in PT 0233-50; weak. Slow ballads, light instr mx, sloppy audio, many mentions "Nacional" by M. (Reinstein, FL 5-11)+++Rdf Amazonas, 4801, in PT 0925; very good. Rhythmic local mx, M anncr w/ freqs, ID, QTH, TC, more x. (Klein, NJ)+++R. Timbira, 4975, in PT 0830; fair over UTE. PT pops, M anncr, talk, ID/TC over x, more ballads. (Klein, NJ)+++R. Cult. Cuiba, 5015, in PT 0500; fair. M anncr, talk, ID/TC over x, more ballads. (Klein, NJ)+++R. Guarua, 5975, presumed at 0903 5-9; long sought but seldom heard by me. Pretty good sig but heavy QRM. Tuned in too late for ID but was a religious message, which is how they open. Must try again for *0900. (Jerry Berg, MA)+++R. Aparecida, 010, in PT 0009-24; fast talk by M, US top 40, clear ID 0013. Bad het and // 5035. (Reinstein)

ANADA CFCX, 6005, in EG 0900-10; fair. ID, nx, weather, spts. (Frank Orcutt, CA 5-8)

HINA FFBS 1, 5900, in CH 1040; good. M6W w/ some kind of talk pgm, CH opera mx. (Klein, NJ)+++ eliongjiang, 5950, in CH 1141-1200; fair // fair 6150. Long talk by M6W, clear ID 1159. 6 pips 200 and presumed nx. (Reinstein, FL 5-15)+++FFBS 2, 6000, in CH 1035; good. W w/ vitriolic tirade and several ments of Taiwan. (Klein, NJ)

LANDESTINE R. Quince de Septiembre, 5565, in SP 1120-30; fair. Long talk by M6W, ment of "heranos Nicaraguenses", some campesino mx. (Reinstein, FL)+++R. Cuba Libre, 6988, in SP *0302-30*; strong but tinny audio. Trumpets and ID: "Atencion Cubanos aqui R. Cuba Libre." Anncd as 6990. Cuban NA, talks by M6W. Also ment as "Cristiana de Cuba." Anti-Castro rhetoric w/ religious slant (THs in Venez., Costa Rica, Mexico and Puerto Rico. (Reinstein, FL 5-18)+++R. Trincheria, 7078, in P 0131-43*; excellent. Talk by M6W, nx pgm 0134, ment of psecial b'cast at 9 p.m. 20 May to commemorate founding of Cuban Constitution. Editorial 0139 w/ many Trincheria IDs, W finishing w/ "Viva Cuba Libre" and gone. (Reinstein, FL 5-18)+++ R. Ondas Libre, 7080, in SP *0201-33; poor. Long talk by M, some MW type lcl mx. Several clear IDs. Mentioned 40 m. Off and on repeating a 12 min. b'cast for the 3d time. (Reinstein, FL 5-18)

COOK IS. RCI, 11759.8, in EG 0801-0903*; vy good. RA nx, ID at 0810, into 50/50 mix of island vocals and MoR w/ DJ. Choral anthem 0901 and off. Hard to believe. (Terry Krueger, FL 5-19)---same, 0626-0900*. Island mx, EG pops, W w/ phone request pgm, TC/IDs by M6W to 0900*. Traditional JS country mx in the island style. No nx at all. EG/verns. (Vlad Cucura, PA)---Same 0700-0904*; six of pop and island mx, EG W anncr, many IDs. Talk by M in vern 0730. RA nx 0800, more mx 0810. Full ID 0823. S/off anncmts 0859, carrier off 0904. On other occasions no RA nx at 0800. Fair sigs which improved toward s/off. Tnx John Kegel. (Gregg Bares, DC)---Same presumed 0835-0915 5-9; pretty good carrier but low audio. Island mx and some pops. (Berg, MA 5-9, 10)---Same here several nights 0630-0800 w/ details as above. Fair to good. Now I can retire. Wanted this for years. tba

---Same, 0655-0707. US pops, drums 0700, local nx and sports, many mentions of Cook IS. (Rankin)

COSTA RICA R. Nacional, 6035, in SP 0155-0207; good. Slick nxcast, "Coo-coos" and many IDs. Into drama // Mw 575. New on SW and sounds like abt 10 kW. (Krueger, FL 5-19)---Same, 0050-0113; QRM from Globo. Slow vocal mx, ID by M 0101 and 0116. World nx 0101. (Rankin, KS 5-20)+++ R. Rumbo, 6078, in SP 0913-40; excellent. Cumbias, ballads, ID/TC by M after each song. (Orcutt, CA 5-8)+++ (out of order) R. Casino, 5954, in EG 0525-35; MoR mx, ID, Nicaragua QRM. (Orcutt, CA)

DOMINICAN REP. R. Clarin, 11700, in EG 2228-2300; "This is Sto. Domingo," Rudy Espinal. Said xmxr conked out 3 mo. ago and Clarin had no money to repair. Now fixed and using 25 kW. "Maringa" mx, greetings to listeners. Off 2241-51 and back w/ horrible audio. (Reinstein, FL 5-16)

EL SALVADOR R. Nac., 9553, in SP 0326-40; excellent. World nx by M, TCs 2 min. off, pgm sked for tomorrow, marimba jingles, more nx. (Reinstein, FL 5-9)

ECUADOR RN Progreso, 5060, in SP 1010; very good. Local pop mx, M anncr, ID/stn hype, more mx (Klein, NJ)

FIRLAND RF, 11755, in EG *0230-0300; IS, nx and commentary. One hour earlier due to DST. (Brian Alexander, PA 5-10)

FR. GUYANA FR3, 4972, in lang 0920-0930, poor surfacing briefly w/ FR anncrs, songs and talks // 3385. UTE problems; only second time hrd here. (Krueger, FL 5-19)

GALAPAGOS IS. LVG, 4810, in SP 0220-30*; good. S/off anncmts, Ecu NA by band. Rather early. (Reinstein, FL 5-11)

HONDURAS LV Justicia, 4910, in EG 0118-30; fair. Bible talk by M, mention Box 1 Tupelo, MS and said QSLs would take 2 months. (Reinstein, FL) ***Thought this was Mostiquia. tba

INDONESIA RRI Ternate, 3345, in IN 1245-1330; good. Local pops, ID, nx, talk by M&W playing parts of an interview. (Orcutt, CA 5-1)

IRELAND R, Dublin, 6909, in EG 0545-0605; good. Usual format; "number 3 song, Silence is Golden." (Richard D'Angelo, PA 5-3)

ISRAEL Galei Zahal, 14728, in Hebrew from before 2000 to after 0200 regularly. Fair to good and must be more than an internal link. (Berg, MA) ---Same 0150-0301. Mx, IS on piano or similar at 0200 and 0300. Two minute ncast in Hebrew by M each hour. Mostly mx. Reduced carrier USB. (Rankin, KS 5-17) ---Same 2235-2330 w/ Israeli pop mx, M anncr. Tnx Agner for tip. Hrd as late as 0300 but w/ weaker sig. Generally good. (Alexander, PA 5-16)

KOREA (REP) RK is asking for beautiful and aesthetic postcards from its overseas listeners for a display in Seoul 17-22 June. If your card is used, you get a commemorative medal and another picture post card in return. Deadline: 15 June. (Wilder Pickard, IL)*** No "Greetings from Asbury Park" cards please. tba

LIBERIA ELWA, 3260, in vern 0620; fair. M anncr w/ talk, tribal chanting, some static in the band. (Klein, NJ)

MONGOLIA RUB, 12070, in EG 1235-49*; tough copy. Comment by W, ID as "You are tuned to RUB," also by W. Local mx w/ strings. (Reinstein, FL 5-8)

NEW CALEDONIA Noumea, 7170, in FR 1125-40; ARO QRM. US pops and talk by DJ. Took calls from 2 W listeners. (Reinstein, FL 5-16)

NICARAGUA LV Nicaragua, 5950, in SP 0555-0603*. Slight het. ID, talk by W&M. Nx. (Alexander, PA 5-9)***R. Zinica, 6120, in SP 1138; strong. TC and ID as "La cinco en la mañana con treinta och minutos en R. Zinica." (Reinstein, FL 5-11)

PNG R. West Sepik, 3205, in PD 1115-45; fair. Local vocals, Island mx, ID by M. CW QRM. (Orcutt, CA 5-6)*** NBC, 9520, in EC 0840; very good. M anncr, racing results and recorded track calls, other norts spews. In well but not even a whisper from 4890. Strange. (Klein, NJ)

PARAGUAY RN, 11915, in SP 0120-35; fair to good w/ het. Live futbol coverage. Many IDs by 2 M anncrs. (Orcutt, CA 5-13)

PERU R. Oriente, 3285, in SP 1015. Noticed two nights in first week of May w/ 1015 s/on w/ NA and into station ments. Other mornings covered by usual QRM. Fair to good at times w/ clear IDs by M and huayno pgm. (Meyer, KS)*** R. Coop. Satipo, 4785, in SP 0945; fair. Nice local mx, M anncr, many mentions Satipo but none of Cooperativa. (Klein, NJ) ***R. San Martin, 4810, in SP 0935; fair to good. Really wild nose flute selections (love 'em), M anncr, ID/TC, more mx. (Klein, NJ)***R. Chinchaycocha, 4860, in SP 0630; good. Nice Andean mx pgm, yipping, str jingle M anncr, more mx. (Klein, NJ)***R. Tropical, 4935, in SP 1015; good. Usual pgm of local vocals M anncr, many IDs. (Klein, NJ) ---Same 1030-47; long talk by M in SP w/ mention of economics and possibly Peru. Vy weak so mark tentative. (Reinstein, FL 5-13)***R. Andina, 4996, in SP and tentative 1000-16. High Andes vocals. First time I've noticed anything here in years. (Krueger) ***R. Moyobamba, 5015, in SP 1022; fair under hvy carrier. Huaynos and promos, local notes, political nx. QRM too much at 1045. (Kevin Meyer, KS 5-11) ---Same 1008-33; Andean mx, clear ID 1016; fair. (Reinstein, FL 5-10)***R. Lib. Junin, 5040, in SP 0635; awful mix w/ Cinco. Just got the flutes. (Klein, NJ)***R. El Sol, 5970, in SP 1030; vy good. M anncr w/ greetings, TC, str hype, ID and into usual pgm. (Klein, NJ) ---Same, 1047, w/ talk, TCs, ads, local mx. Vy good. (Jones, MS) ---Same, 1039+; nice local mx, many TCs, local nx by W. Great sig. (Reinstein, FL)*** R. Union, 6115, in SP 1057-1121; fading fast. Andean flutes, long ID/slogan by M, ment Lima, nx to 1108, light pop mx. (Reinstein, FL 5-13)***R. Tawantinsuyo, 6175, in SP 1020; fair. Andean vocals, M anncr, TC, ID, talk and more mx. (Klein, NJ)***R. Cuzco, 6195, in SP 0931-58; good w/ M anncr, Andean mx, ID 0950 and peaking. (Krueger, FL 5-19)

****QATAR** QBS, 11730, EG/AR/FR, 1935-2003*. Test tx w/ 3 lang segments, one song for each. M anncr. Wants reports. (Reinstein, FL 5-9) ---Same, 1840-1908; IDs in EG, FR and AR, "Call Me" EG song, one each in FR and AR. IDs frequently. Reports to Box 3939. (D'Angelo, PA 5-10)***Doha, presumably. tba***Same, 1745-2000 in AR/EG/FR. Annced as test xman and inviting reports to Box 3939 Doha, Qatar. After each ID in each lang. mx in that lang. Beware of R/Nederland co-channel 1730-1820 and 1830-1920. Stronger 1912 and by 1930 well over RN FR Ser co channel. S/off 2000. (Cucuru PA 5-12)

SOLOMON IS SJBC, 5020, in EG 1000; breaking through the muck w/ ID by M anncr and into RA nx. (Klein, NJ) ---Same, 0856 in PD/EG. Local nx and sports. (Jones, MS)

SOUTHWEST AFRICA SWABC, 4965, in verns 0510; fair-poor. M anncr w/ talks. Over Santa Fe. (Klein, NJ)

SWEDEN RS HS Varberg, 21645, in Swedish 1900-20; excellent. Nx by W and clear ID 1907. Nearly local quality. (Reinstein, FL 5-7)

TAIWAN Vof Asia, 5980, in EG 1055-1110: CH flute mx, nx by M 1100, clear ID though het and QSB. First time for me. (Reinstein, FL 5-11) ---Sked for this from belated QSL: Beamed east 1030-40 EG, 1040-50 IN, 1050-1100 CH, 1100-1200EG, 1200-1300 IN, 1300-1430 CH. (Sun only 1830-40 EG, 1040-1200 CH, 1200-1210 IN, CH to 1430). Westbound: 1430-40 Thai, 1440-50, IN, 1450-1500 CH, 1500-1530 EG, 1530-1700 Thai, 1700-1800 CH, 1800-1900 Indo. (Sun only 1430-40 Thai, CH to 1700, IN to 1710, CH to 1900.) (Berg, MA)

URUGUAY R. Carve, 6155, pretty fair w/ nx 0040 5-2. Het from 6156. ID 0048. (Berg, MA)

VENEZUELA R. Juventud, 4900rf, in SP 0145; excellent. Just there suddenly, usual format. Welcome back. (Klein, NJ)***Same here tnx Klein tip. tba

VICTNAM VoV noted on 10010 at 1114 in EG and 15012 at 2026 in EG. Fair to good. (D'Angelo)

OUT OF SPACE. 73. *TEA*

log report *section*

1600-4899



TERRY KRUEGER

I hope I can complete this column before the sinkholes suck me in. Very little news to report in this edition. In fact, most of my listening has been above 60 meters. I was very pleased to catch Cook Islands on 11759.8 0800-0903* on May 19.

- 2370 MEXICO UNID; 0350 SP M, mariachi-style mx, IDs given but not understood, but am certain it is bcst from Nogales, Sonora, as it was definitely part of ID -- no listing in WRTVH. (Bernackle 5-7) New SW, or 790 x 3 MW harmonic? Keep us informed... TK
- 2420H USA MW harmonic here, 90% sure of ID, "WBC nxtime," nx of ABCAM indictments (Leithner) 1210 is Clear Channel; no WBC here. Time?..TK
- 2428 NEW IRELAND RNI; 1100-1106 PD, EG TC/ID, rx and mx (Forth, Leithner)
- 2468 PNG R Northern; 1106 w/ IDs, rx inlang, ments PNG, mx, p (Leithner)
- 3205 BRAZIL R Riberão Preto; 0028 PT M&W singing, ID, rx, g (Eastman)
- 3215 VENEZUELA Ondas Panamericanas; 0020-0331 SP ID/TCs, LAm mx, rx headlines, bank ads (Michaud, Alexander, Leithner, Novello, Valko)
- 3220 ECUADOR HCJB; 0430 weak w/ EG ID, lang rel pgm (Leithner)
- 3222.5 PNG R North Solomons; 1054 PD anmts, instr. mx, ID 1109, g (Forth)
- 3225 VENEZUELA R Occidente; 0338 SP EZL ballads, ABBA, M ID, ID by SP M (Klein, Michaud) 1025 ID, YV mx under strong OC (J. Jones)
- 3250 S. AFRICA R Five; 0410 p w/ EG ID jingle, TC, pops (Lucas, Michaud)
- 3285 BELIZE RB; 0110-0437 EG pops, IDs, games, nx, SP IDs (J. Jones, Eastman, Michaud, Spiczka, Baker) 1120 EG pops, TC/IDs, g (Hensley)
- 3385 PNG RENB; 1020 PD local anmts, ID/TC, island mx (Posporelis)
- 3287I MADAGASCAR RTM; 0308-0323 Malagasy M w/ tlk and Afro choral mx; f/ out 0323 (Cucura 4-26) ID, OM... TK
- 3300 GUATEMALA TGNA; 0325 EG rel pgming, hymns, ID (Valko, Spiczka)
- 3307I ZIMBABWE ZBC; EG/lang, 0325 w/ drums weak, UTE/het QRM, W 0329 "... ZBC" lettered ID (Lucas 4-8)
- 3325 KALIMANTAN RRI-Palanekaraya; 1234-1250 IN M&W, laughter, mx, IDs by M 1234, 1249, 1250 (Wensley 4-18)
- 3335 BRAZIL R Cl. da Conquista; 0140 PT ballads, ID, g 1vl (Eastman)
- 3355 INDONESIA Re: May, LR-A; Meyer's log of RRI-Sumenep as Bali is incorrect. Sumanep is located in Propinsi, Jawa Timur which is in East Jawa, not Bali. (Al A. Miller, Jr.)
- 3366 GHANA GBC-2; 0535 EG M, Afro tunes, IDs (Alexander)
- 3375 BRAZIL R Nac. São Gabriel; 0040-0206 PT ballads, M TCs, ID, ments of Brasil (Klein, Valko)
- 3385 PNG Rabaul; strongest 4-14, PD/EG tlk on development, TC/ID, good (Leithner)
- 3395 ECUADOR R Zaracay; 0419 rapid IDs, SP LAm fast-paced mx (Leithner)
- 3480 BOLIVIA R Padilla; 0006-0019 blasting in w/ SP IDs, baladas, W ID, xtal clear (Krueger 5-3)
- 3985 ECUADOR Esc. Rfónicas Pop.; 1028 SP M discourse, g (Bolland)
- 3990 CYPRUS BBC; 0441 EG World Svc. "Waveguide" // 9510 (Clift)
- 3995 W. GERMANY DW; 0436 GM pops, ID // 6145, 6085, 9735, 9605, 9545 (Clift)
- 4656 ECUADOR CRE; 0427 SP, HC mx, s/off anmts, freqs, NA (Clift)
- 4696 BOLIVIA R Riberalta; 0019 strong w/ SP M ID and local affairs pgm, fast-paced (Krueger 5-3)
- 4739 BOLIVIA R Mamore; in weak w/ no clear ID, SP M discussion pgm, freq. ments of Bolivia. A regular in spring here (Krueger 5-3)
- 4740 AFGHANISTAN RA; 0133 lang wailing (Koran), tlks, f in UTE (Valko)
- 4755 BRAZIL Rdif. do Maranhão; 0200 PT live play futebol (Rigas)
- 4770 VENEZUELA R Mundial Bolivar; 0235-0400* LAm mx, SP M ID, calls, plug pulled (Klein, Michaud, Sica) OUT-OF-ORDER... TK
- 4756VI BRAZIL Rdif. de São Luiz; 0348* pops, echo anmts, "en São Luiz," TC, off mid-song (Novello 3-29)
- 4765 BRAZIL R Rural Santarem; 0355-0400* PT light vocals, ballads, M PT ID, plug pulled (Klein)
- 4765 LIBERIA ELWA; 0600 EG rel mx, tlk, ID (Rigas, Sica)
- 4780 HONDURAS R Juticalpa; SP M ID, ads, requests mx, g (Bolland)
- 4780 VENEZUELA LV de Carabobo; 0333 SP M ID, TC (Michaud)
- 4783 MALI RN; 0620 FR M, children's chorus, Afro mx (Alexnader)

- 4785I TANZANIA RT; 0316 anmts, lots of tribal drums past 0400. Poor at best (Leithner 4-20)
- 4795 ECUADOR LV de los Caras; 0450 SP fast LAM mx, canned ID (Klein) 0126 good ID, tlk (J. Jones)
- *4800 LESOTHO RL; *0400 NA, s/on anmts into rel pgm, choir lang mx, f (Valko) lang choral mx (Michaud) There was also a report (tent) at 0950. This, of course, is far too late for reception in NAM since Lesotho sunrise is much earlier; poss. local pgming from the Ecuadorian is the one this time... TK
- 4800 VENEZUELA R Lara; 0347 SP LAM pops, IDs/TCs, anmts (Clift)
- 4801 ECUADOR R Pop. 0630 SP local HC mx, chatter, ID (Klein)
- 4810 PERU R San Martin; 0935 SP M ID/TC, Tarapoto ads, flutes (Klein)
- 4811 GABON Africa No. One; 2258* FR M, dramatic mx bursts, flute mx, ID, s/off (Jordan) 0448 FR tlk, hilife, TC/IDs (Sica, Hensley, Michaud)
- *4814.5 COLOMBIA R Guatapuri; 0450 SP Latin mx, ID (Michaud, Clift)
- 4815 UPPER VOLTA RTVV; 0555 FR Afro mx, flutes and drums, M, pips at 0600 (Alexander 4-14)
- 4832 COSTA RICA R Relej; 1010 SP, "Costa Rica Campesino" pgm, TCs, ads for Casa Victor (Sica) 0515 SP ID, nx bulletins, LAM mx (Byron)
- 4835 BRAZIL R Nac. de Boa Vista; 0259-0340 PT M ID/TCs, local mx, ads, s/off anmts (Clift, Dunn, Michaud)
- 4835 S. AFRICA SABC; 0425 EG tlk, Relej QRM (Michaud)
- 4845 MAURITANIA Rdf. Nationale; 2323 AR mx, two M tlk (Sica) 0700 FR and AR, FR nx 0700, AR mx, AR ID, p (Dunn)
- 4850 CAMEROON RDDC; 2238 mainly black disco, FR W, ID, s/off (Bolland)
- 4850 SURINAM SRS R; 0320 DT/EG US pops, ID in EG/DT (Sica)
- *4855 BRAZIL R Por um Mundo Melhor; 0135 PT M tlk, ID into FT ballad; starting to go fady, TC/ID after each selection (Klein 4-9)
- 4855 COLOMBIA R Neiva; 0346 SP LAM (Michaud, Clift)
- 4860 PERU R Chinchaycocha; 0500 SP hi-Andes, long ID, f (Klein)
- 4865I BRAZIL Soc. Feira de Santana; 0055-0110 PT, Brazilian pops, sounded like ID for Sociedade at 0100, nx, more pops (Gliksman 4-26)
- 4865 COLOMBIA LV del Cinaruco; 0335 SP, nx, ID, CARACOL (Michaud)
- 4870 BENIN LVdR; 2302 FR hilife/chanting, ID, s/off 2301 w/ NA (Bolland)
- 4875 BENIN R Jornal do Brasil; 2350 PT ballads, M w/ freq ID/TCs (Rio time), jingles, etc, vg (Klein 4-9)
- 4880 S. AFRICA SABC; 0428 AK nx, f (Michaud)
- 4885 BRAZIL R Cl. do Para; 0339 PT, ads, f (Michaud)
- 4885I KENYA VoK; 0431 Yang Afro mx, f (Michaud) ID and more details? TK
- 4890 PNG NBC; 0808 EG ID, local sports pgms on soccer, vg-g (Dunn)
- 4895 BRAZIL R Bare; 0901 PT ID by M, Brazilian pops (Gliksman)
- 4895 TURKMEN SSR Ashkhabad; *0200 RS, Mayak IS, M in RS w/ ID, then into nx; //4930 which was much better (Valko).

3
Terry

NOTICE: Beginning SWL would like to correspond with more experienced SWL using an RF-4900 about antennas and supplementary equipment. Please write to Mert Fulwiler, 307 South Joseph Street, Appleton, WI 54911.

FOR SALE: Morse Code Decoder. See Morse code on LED. May be used for utility DXing too. The Morse A Letter is displayed alphanumerically. Price is \$65.00 or best offer. Andre Pineault, P.O. Box 312, Ancienne-Lorette, Quebec, Canada G2E 4N7.

FOR SALE: Yaesu FRG-7000 with Gilfer 4.0/2.4 bandwidth modifications. Excellent condition. Comes in original carton with manual and accessory antenna and jacks and Yaesu SP-120 external speaker. All for \$525.00 plus shipping. Also, MFJ-752-B dual tunable audio filter, \$50.00. Robert Conder, P.O. Box 823, Chapel Hill, NC 27514. After 9:00 pm call (919) 929-7601.

WANTED: Loan of manuals, etc. on Collins R-388/URR receiver. I will return material after photocopying and pay your postage. Please send a postcard first to confirm plans. Keven Axelson, 6424 Sligo Mill Road, Takoma Park, MD 20012.

log report

section

4900-6199

B

STEVEN WISEBLOOD

- 4900 ECUADOR LV de Saquisilí: 1128-1136, ID by M in SP, NA @ 1128. Good signal, apparently irregular as have tried many times with Juventud off w/no trace (G Sherman 3/14). 1059 TC, fast ID, Ecuadorian mx. Wonder what's happened to Juventud?. VG (Jones-MS). Beats me! -ed
- 4905 BRAZIL R. Relógio Federal: 2330-0300 M&W alternating in PT w/nx items, time pips every minute, several ID's (Klein, Wolfish, Leithner-TN). 0850-0900 PT tkl w/ads, M ancr, many TC's, ID's w/fqy. F (Forth 4/22).
- 4910 HONDURAS La Voz del Mosquitia: 0156-0300* SP religious pgm, "HRXV" ID, Pop mx, full and clear ID, s/off anmts 0256 (Gliksmn 3/9, Forth 3/2).
- 4910 ECUADOR Em Gran Colombia: 0420-0520 "Radio Cadena Nacional" net ID, LAM mx, mention of stns in net, ads, several ID's (Klein, Brissett, Kleon). 0854-0933 tkl by M in SP, ID, LAM mx (Forth, Nikolich, D'Angelo).
- 4915 GHANA GBC-Accra-1: 2210-2305* religious choir & organ mx, M preacher in EG, Afro high-life mx, M in EG w/nx @ 2245, hymn & NA (5 reporters).
- 4915 BRAZIL R. Anhangerra: 0037 ID, US pop/rock mx, PT anmts. F (McClellan)
- 4920 ECUADOR R. Quito: 0404-0430 tkl by M in SP, ads, jingles, ID's, high-andes Ecuadorian mx. VG (G Sherman-MN, McCoy 4/8).
- 4920 AUSTRALIA ABC-Brisbane: 1110 old time mx w/reminscing host (Archer-NC).
- 4925.7 BRAZIL Taubate: 2330-0540 various pop mx, nx by two men in PT, ID's, stn promo's, ads. F w/QRN and bad het (6 reporters).
- 4929.3 DOMINICAN REPUBLIC R. Mil: heard with avgood signal from 0000 (Leithner)
- 4930 TURKMEN SSR Ashkhabad: 0100 weak but clear, definitely them, as Tbilisi S/on is *0200 (G Sherman-MN 3/26).
- 4930 GEORGIAN SSR Tbilisi: 0225-0300 pop style mx and tkl by M, Mayak IS. Moscow ID @ 0300, then nx read by M in RS. G (Reinstein-FL 3/26).
- 4935 BRAZIL R. Capixaba: 2337-0040 live carnival pgm on 3/1, Brazilian mx & ID's heard on 3/2 (Gliksmn 3/1&2).
- 4935.7 PERU R. Tropical: 0230 Peruvian Andes type mx, ID by M. F (Dayen).
- 4940 VENEZUELA R. Yaracuy: 0304-0341 SP tkl, ads, LAM pop mx (Michaud, Sica)
- 4945 BRAZIL Rdf Poco de Caldas: 2350 PT ballads, canned ID by M. VG (Klein).
- 4945 COLOMBIA R. Colosal: 0710 SP M ancr, ID, Upbeat LAM mx (Bernacke 4/26)
- 4950 SARAWAK R. Malaysia-Kuching: 1220 W in EG w/anmts, ID. P-F (Forth 3/6)
- 4950t PERU R. Madre de Dios: (i.e. literally "Oh Mother of God"; 0025-0220 EZL type mx, LAM ballads, some chamber & clscI mx (Klein 3/27, Dayen 3/27)
- 4955 BRAZIL R. Cult de Campos: 2320-0300 lite US & Bras. pop mx, jingles, ads, M ancr in PT (Klein, Cacara 4/13). 0915-0930 M ancr in PT, MoR mx w/vocals, ID. P w/QRN. (Jordan 3/17).
- 4960 VENEZUELA R. Sucre: 0226-0356* light Instrumental mx, "Rumbos" net ID's, EZL mx, S/off anmts & NA (Clift, Wolfish 4/10).
- 4965 SOUTH-WEST AFRICA RSWA: 2240-0405 EZL, lite-pop mx, guitar IS, M in EG w/song titles, pgm in Afrikaans after 0400 (Klein, Sellers, Nikolich).
- 4965 COLOMBIA R. Sta FE: 0225 Romantic LAM vocals, ID & TC. F (Clift 4/12).
- 4968 SRI LANKA Colombo: 0015-0045, carrier in Rumbos splash, Chant type mx. Very weak & f/out at 0045 (G Sherman-MN 3/11 & 12).
- 4970 SABAH Kota Kinabalu: 1215-1315 tkl in Malay lang., ID, some EG tkl, Malaysian MoR vocals & EZL mx. F (Davis-CA, Dayen 3/25).
- 4970 VENEZUELA R. Rumbos: 0145-0253 ads, ID's, SP tkl (Rigas, Windsor).
- 4972 FRENCH GUYANA FR3-Cayenne: 0935-0950 tkl by m in FR, political discourse // 3385. Virtually gone by 0950. Wiped out by Rumbo (Dayen 3/24)
- 4980 VENEZUELA Ecos del Torbes: 0230-0300 LAM mx, SP tkl, ID (Windsor, Sica).
- 4985 BRAZIL R. Brasil Central: 0901-0906 PT tkl by M, ID, pop mx (D'Angelo).
- 4990 NIGERIA FRC-Lagos: 2230-2309* ClscI mx, Jazz mx, religious tkl in EG, M ancr w/nx in EG, ID, fqys, NA (Klein-NJ, Posporellis, Sica). (Jordan)
- 4990 VENEZUELA R. Barquisimeto: 0034-0346 SP nx, sports tkl, ID (Michaud, /
- 5005.7 SURINAM R. Apintie: 0154-0351 EZL mx, C&W mx, ID. VG (3 reporters).
- 5015 PERU R. Moyobamba: 0459-0500* SP tkl by M, ID, NA. G (G Sherman-MN).
- 5020 SOLOMON ISLANDS SIBC: 0736-1130* nx by M in EG, sports, EZL mx, "Shipping information", religious pgm, island mx, US pop & C&W mx, S/off anmts, fqys, sked, pidgin anmt, NA. VG (9 reporters).
- 5020 NIGER ORTN: *0529 NA, brief flute mx, ID by M, chants. F/G (McClellan):
- 5025 PERU R. Quillabamba: 1052 tkl by M in SP, ID. VG (G Sherman-MN 3/14).
- 5025 BRAZIL R. Journal de Transamazonica: 0750-0818 tkl by M in PT, ID @ 0800, Brazilian vocal mx, instrumental mx. P-F (Jordan 3/8, Moore 3/11).
- 5027.5 UGANDA Kampala: 0435 nx by M in EG. VG (Michaud 3/2).

- 5030 VENEZUELA R. Contiente: 0225 LAM ballads, ID. VG (Mattson, Jr. 5/6).
- 5035 PERU R. Imagen: 1057 t1k by M in SP. G (G Sherman-MN 3/14).
- 5035 BRAZIL R. Aparecida: 2353-0030 Lite pop Brazilian mx, ID's, ads, slow talking M ancr in PT. Very Good! (Gliksmn 4/25, McCoy 4/7).
- 5040 PERU R. Libertad de Junin: 1058-1100 t1k by M in SP, ID, NA (Sherman).
- 5040 VENEZUELA R. Maturin: 0230-0340 LAM ballads, "Noti-Rumbos" nx, ID's & TC's by M ancr in SP, ads. P-F w/high QRN (Brissett, Wolfish, Leithner).
- 5045 BRAZIL R. Cult do Para: 0100 t1k by W in PT, ID, VG (G Sherman-MN 4/8). 0525-0555 6-note chime IS, drums, NA, ID, FR nx, Afro mx (House, Sica).
- 5046 INDONESIA RRI Yogyakarta: 1130-1207 relay Jakarta nx by M in IN, old US mx from early 50's - Connie Francis. F-G (Zilmer 3/27, Dayen 3/23).
- 5047 TOGO RT: 2345-0000* FR ballads, ID's "Ici Lome", EZL mx, Afro high-life mx, IS & NA @ S/off. Deep fades (Brissett 5/4, Reinstein-FL 3/27). 0525-0555 6-note chime IS, drums, NA, ID, FR nx, Afro mx (House, Sica).
- 5055 COSTA RICA TIFC-Faro del Caribe: 0322-0330 sermon by M in EG (Spiczka).
- 5055 BRAZIL R. Maua: 0729-1130 fast t1k by M in PT, Bras. mx (Davis, Jordan).
- 5057 ALBANIA R. Gjirokaster: 0400-0520 nx by M in Albanian, exercise pgm, gypsy folk mx, middle-eastern type stringed mx. G (Sica, Jordan, Kohl'er).
- 5075 COLOMBIA R. Sutatenza: 0100 ID's (Mattson, Jr). 1021 "Mariachi con sombrero" Mexican mx, ID, G (Archer-NC 4/3).
- 5095 COLOMBIA R. Sutatenza: 0225 Classical mx, followed by beer garden mx, which I switched off (Gliksmn 3/23).
- 5170 CHINA FFBS-2: 1120-1200 M&W in CH, oriental operatic mx. G (Brissett).
- 5450.6 INDONESIA RRI Biak: 1132-1205 MoR Indo mx, choral mx, ID, SCI, into Jakarta nx relay & cmtry by M in IN. Terrible modulation, as is true on a number of other Indo stations (Dayen 3/28, Gliksmn 4/5&6).
- 5565.3* NICARAGUA R. 15 de Septiembre: Anti-Sandinista stn, first noted 4/23, usually has one hour broadcasts beginning at 0400 & 1100, give or take a few minutes. One of the announcers is a rabid female who always yells at the top of her lungs, including on their standard ID tape which is repeated every 3-4 minutes, and although I haven't been able to figure out the complete and exact text of her announcement, I seriously doubt that native speakers of Spanish will have had much better luck! The stn claims to be against Somoziism and communism, for god & the country. BBC-MS reports that this stn, according to R. Sandino, is backed by former members of Somoza's National Guard. Claims to broadcast from somewhere in the fatherland, though a Toronto Globe & Mail report quoted by SWNS puts it over the boarder in Honduras, in a remote and inaccessible jungle location. Condemns growing Cuban/Marxist influence, especially along the Atlantic coast, and has brief segments in an unknown language, which I suspect to be Miskito-4/24 @ 0427. Claims the Sandinistas are trying to abolish religion. Signals have been fairly strong, but not strong enough to overcome atmospheric or QRM from Havana-Miami aeronautical communications on 5568 (Hauser-TN). For a complete text of Hauser's report, I refer you to LN or RIB-Scw. 0404-0504* ID by W shouting in SP, lectures by M&W (Rankin-KS, Jordan).
- 5770 CHINA FFBS2: 1130-1140 Variety mx pgm, CH t1k, //5170, 6400 (Buer 3/19).
- 5882 ARGENTINA R. Rivadavia: 2340 Excited sports t1k by 2 M in SP (McCoy).
- 5930 EUROPEAN RSFSR Murmansk: 0300 IS u/Prague, my 200th Country! (Sherman-MN)
- 5935 TIBET Xizang PBS: 1311 t1k by W in CH, CW UTE QRM (Davis-CA 3/16).
- 5950 CHINA Heilongjiang PBS: 1145-1150 Operatic phm w/M&W in CH. F (Reinstein 1150 instrumental & operatic mx, t1k by M&W in CH. F (Forth 4/14).
- 5950 GUYANA GBS: 0134 Poor w/Nic. off, talk pgm w/phone conversations, "Sports Talk" pgm w/ discourse on various football games (Leithner-TN) 0750-0950 ID as "GBC-Channel2", Birthday nx, "Farming World", Hindi pop mx. TC, "Guyana nx" & 0950 by M in EG (Jones, Spiczka, Sellers, Mattson Jr).
- 5950 NICARAGUA LV de Nic: 0434-0550 ID's, SP nx, t1k (Sica, Lucas, Dunn 4/8).
- 5955 COLOMBIA LV de Centauros: *0940-1025 ID by M. sudden S/on w/mx & opening anmts, NA, TC, fays, LAM mx. het (McClellan-MI, Archer-NC).
- 5955 NETHERLANDS RN: 0727-0740 DT to Europe, IS, ID, nx by M @ 0730-0740, Good //6045, 7210, 9630, 11930 (all via Lopik & heard!) (Buer 3/18).
- 5960 CANADA RCI: 0000 The strike at RCI spread on 5/1 from journalists to announcers/producers, preventing normal programming from continuing except those which had been produced earlier (i.e. DX Digest minus the DX news), and for the first time, on 5/4 at around 0330, the technicians at Sackville also walked out, putting RCI completely off the air, until next heard at 1200 5/5 (with fill music, Technical difficulties, I'll say! Part of the difficulties have been caused by CBC's retaliatory lockouts. It sure looks as if this situation will worsen before it gets better. (Hauser-TN). Looked for DX Digest, Sun, heard fill music-Scw 5/24
- 5965 BRAZIL R. Guaiaba: 0915-0936 long t1k by M in PT, ID @ 0930 (McCoy).
- 5970 PERU R. El Sol: *1004-1047 S/on by M in SP, Peruvian mx, ads, ID's, TC's, Andean mx. F to Vy Good (McClellan-MI, Jones-MS 4/15).
- 5980 TAIWAN VoA: 1120 Oldies pop mx, ID by W in EG. F-G (Zilmer 3/27).
- 5995 MALI R. Nac: 2209-2305 Tlk w/2 M laughing and FR & US pop tunes, some Afro highlife & Arabic type mx, //weaker 4838 (Alexander 4/15, Valko).
- 5995 AUSTRALIA RA: 0833 ID, usual pgm of pop mx. P (Kohlbrenner 3/24).
- 5999 VENEZUELA R. Sensacion: 1017 ID, TC, LAM mx. F-G (Jones-MS 4/3).

- 6000 BRAZIL R. Inconferencia: 2315-2325 Brazilian ballads, US pop songs, M ancr between songs w/ID & fgy in PT(Buer 5/3, Alexander 4/17). 0819 PT tlk, Bras. pop mx, TC's, ID's. VG (Klein 4/19).
- 6005 CANADA CFCX-Montreal: 0230 Phone-in show, ads, Unusual time to hear this one here! Good (McClellan-MI 4/30). 0745-1500 Call-in tlk show, In the clear w/Relej off, EG nx, wx, sports, ID (4 reporters).
- 6010 BRAZIL R. Aparecida: 0005 ID between pop mx sets. Poor (Kowalski-WI).
- 6010 VENEZUELA R. Los Andes: *1006 choral NA, ID by M, also "1040"(Jones-M)
- 6010 PERU R. America: 1047-1104 rock mx, ID w/sound effects, tlk by M in SP, heard 5 ID's in 5 minutes! (Gliksman, G Sherman-MN).
- 6012 ANTARCTICA AFAN: 1200 ID in EG believed heard, but clear SSR(Sherman)
- 6015 DODECANESE ISLANDS VOA-Rhodes: 2145-2200* EG nx, ID (D'Angelo-PA).
- 6015 CHINA Urumqi: 1100 Oriental Operatic mx, nice & clear. G(Nikolich-IL).
- 6025 BOLIVIA R. Illimani: 1020-1040 Andes flute & guitar mx, tlk in lcl Indean lang, fine ID by W in SP, fqys, tlk by M. G(Jones-MS, Forth).
- 6030 EUROPEAN RSPSR Moscow: 0115-0130 Mayak ISM RS tlk. F (Sica 4/18).
- 6030 CANADA CFVP-Calgary: 0825 phone-in show, ads, EG tlk (Moore 3/11).
- 6030 USA AFRTS: A black mark to AFRTS (or VOA engineer) for closing down this fgy @ 1200 on 4/12 just seconds before the space shuttle blasted off. If a baseball game had been in progress, I'll bet that they would have found a way of keeping it on! (Hauser-TN). Well said-ed
- 6035 BRAZIL, R. Globo: 2342-0034 noted w/Good Friday observances in PT, only one interruption for ID, no other announcements.(Leithner-TN). 0034 Phone in request pgm, many mentions of Globo (Kowalski-WI).
- 6050 NIGERIA FRC-Ibadan: 2300-2305* W w/nx in EG, ID (Alexander 4/17).
- 6055 JAPAN NSB: 1240 discourse by 2 M in JP, ads, JP/EG after 1300 (McCoy).
- 6060 ARGENTINA RN: 0845-0905 Argentinian mx, SP nx, ID (Rigas, Jones-MS).
- 6065 COLOMBIA R. Super: 1106-1110 //6125 anmts by M in SP. F-G (Bolland-FL)
- 6070 CANADA CFRX-Toronto: 2050-2100 EG anmts, lite pop-MoR mx, ads(Sica).
- 6077.6 COSTA RICA R. Rumbo: 0730-1047 ID, TC, lcl ranchera mx(Klein, Jones-M)
- 6080 CHILE R. Patagonia Chilena: 1100-1130 ID in SP/EG, lcl mx(Rigas 4/12).
- 6090 LUXEMBOURG RL: 0030-0045 EG anmts, C&W pop mx (Sica 4/5).
- 6090 AUSTRALIA ABC-Sydney: 0815 M in EG w/nx. F (Davis-CA 4/5).
- 6095 COLUMBIA LV del Centro: 1009 SP ads, ID, TC, LAM mx. VG (Jones-MS 4/3)
- 6100 UNID USSR Vilnius presumed: 2150 RS opera arias, M&W ancrs(Gliksman).
- 6105 BOLIVIA R. Panamericana: 1033-1050 ID, calls, fqys, W ancr in SP, into "Bolivia Presente", "Esta es Bolivia", F(Forth, Posporelis, Jones-M)
- 6105 MEXICO Su Pantera: 1130 EZL, MoR mx, ads, tourist info(Forth 4/16).
- 6115 COLOMBIA La Voz del Llano: 1050 ads, SP anmts. G (Bolland-FL).
- 6115 PERU R. Union: 1101 ID by W, TC's, Good w/Llano gone. VG (Jones-MS).
- 6120t NICARAGUA R. Zinica: 1121 ballads, TC's, mentions of Nic.(Gliksman)
- 6120 ARGENTINA R. El Mundo: 0949 2 ancrs in SP w/nx & anmts, ID (Forth).
- 6120 CANADA Although the BBC relays on 15260 & 17830 were missing when checked on 5/4 @ 1600, as presumably all the Sackville mxtrs were closed due to striking technicians, this fgy was on as usual 5/5 @ 0200 check, while RCI was off the air (Hauser-TN).
- 6125 COLOMBIA R. Super-Cali: 0740-1120 "Super Show de la Salsa" pgm, M ancr in SP, ID/TC, ads, Latin ballads. G(Bolland, Forth, Klein, Sherman).
- 6130 CANADA CHNX-Halifax: 2300-2325 ID's as "R. 96-CHNS", nx update by M in EG, the "Bette Middler Show", ads (Leithner-TN, Rekich 4/5).
- 6135 SWITZERLAND SRI: 0145 M in EG w/World nx headlines. VG (Demmitt-PA).
- 6135 SOUTH KOREA RK: 1300-1330 IS, ID, nx in EG, Tourist onfo (Zilmer).
- 6150 CHILE R. Nac: 0030-0100 futbal game w/SP ancrs, VG (Rigas 4/15).
- 6155nf PORTUGAL RP: New fgy for RP to NAM, EG 0300-0330 and at a new time of 0530-0600; //11925 0300-0330, //9575 0530-0600. This fgy, by the way, is the one which WRNO in New Orleans plans to use! (Hauser-TN).
- 6160 CANADA CKZU-Vancouver: 0859 CBC theme mx, S/off anmts & NA. (Forth).
- 6160 ALGERIA Rdf Algerienne: 2303-2315 nx by M in FR, 1920's mx(Buer 3/28)
- 6165 MEXICO LV de America Latina: 1215 tlk by M in SP. G but QRM (Sherman).
- 6170 COLOMBIA La Voz de la Selva: 0910-0930 LAM disco pgm, SP tlk (Rigas).
- 6175 PERU R. Tawantinsuyo: 1031 ID by W following long ad string(Jones-MS).
- 6175*** BRAZIL R. Guarani: 0840 M ancr in PT, ID/TC, lcl ballads (Klein 4/19).
- 6180 VENEZUELA R. Turismo: 1010-1035 excited tlk by M in SP, ID's, ads, mention of 970 MW, but no mention of SW. G (Dayen, Bolland, Jones-MS).
- 6185 BRASIL R. Bandeirantes: 0850-0912 stn hype by M ancr in PT, lcl folk mx, rooster crows, ads, ID/TC, //9645, 11925 (McCoy, Klein).
- 6190 PERU R. Oriente: 1103 F w/BBC splatter, Peruvian mx, M ancr in SP. Terrible QRM (Klein 3/17). *1110 NA, theme mx "theme from the Sting", ID's, calls, fqys, "Yurimaguas, Loreto, Peru" G (Jones-MS 3/17).
- 6190 UNID? 1215-1232 oriental style operatic mx, tlk by W @ 1230(Reinstein)
- 6195 CANADA CBC-NS: 0530-0600 C&W mx. Strong (Spiezka 4/24).
- 6195 PERU R. Cuzco: 1042 tlk by M in SP, ID, Flute mx. G w/het(Sherman-MN). 73's to One & All, CU in LR-D for the JULY-FRENDX!!! 73/Steve

log report *section* **C**

6200-11699

PETER SCHIPELLI

31 Beaverbrook Road Burlington, MA. 01803 617 272-3142

- 6279 UNIDENTIFIED : 0355-0433a* EG, Pop Mx & 5 mins of tlk at 0400. OM w/ British accent. Hvy QRN (Rankin 4/19)
- 6313 PORTUGAL RP; 0508-0530 EG, xmtr spur. //6440.4 also a xmtr spur & 6185. Usual pgms. Xmtr spur was FMing badly. (Rankin 4/25)
- 6347 UNIDENTIFIED : 1104-1159* LI, OM anncr w/ tlk-rx? to 1118. Yl anncr w/ vocals, pgm ended w/ talk & tune played on organ. presumed Laos. (Gliksmen 4/28&29) more likely South Korea
- 6665 CHINA CPBS; 1158-1205 CH, Yl w/ tlks & anncmts. into Grand March Mx & psble ID by Yl @ 1200. //6750,6225,6220 (Jordan 4/9)
- 6981 CLANDESTINE R. Venceremos; 1217, ID noted, vy poor, unstable freq. (Hauser 4/21)
- 6988 CLANDESTINE Radio Cuba Libre; 0405-0423* SP, Tlks, Strong w/ occasional brief breaks in xmsn. Anncd addresses in Venezuela, Costa Rica, Mexico, and Puerto Rico. Semi-professional sounding. S/off w/ Cuban National Anthem. GMT 4 May. Not heard subsequent evenings, but I did hear widespread noises next night at the same time centering on 6998 and 6988, possibly Cuban jammers; noise was reminiscent of the jammer Spain used against Radio Espana Independiente. (Elliot 5/4)
- 6990 UNIDENTIFIED : *0400 Gypsy-sounding musical ensemble with vigorous violin solos. Same selection played over and over. During one of the breaks, and just before 0413*, a male voice said (I Think) "Termina...termina...termina" with unusual accent on the last syllable. CW QRN. (Elliot 5/6)
- 7050 CLANDESTINE : LV de Alpha 66; 0200 SP, Mx, ID, CW QRN (McClellan 4/25)(Sica 4/18)
- 7065 ALBANIA R. Tirana; 0015-0025 EG, Mx pgm abt Albanians. (Strauss 4/18)
- 7075 CLANDESTINE R. Abdala; 0229-0233* SP, OM w/ political tlks, ID (Jordan 4/8)
- 7075 CLANDESTINE R. Trinchera; 0230 SP, Anti-Castro stuff (Kowalski 4/27)
- 7078 CLANDESTINE R. Estela; 0223-0230 AP, OM & YL w/ political tlks (Jordan 4/8)
- 7090 CLANDESTINE R. Liberatad Cubana; 0204-0213* SP, OM w/ leisurely paced political sounding rhetoric, ID. (Jordan 4/19)
- 7175 USSR RM-Khabarovsk; 1330-1338 EG, YL ID, world Nx, folk Mx pgm (Hensley 4/9)
- 7260 AUSTRALIA RA; 1330-1341 EG/INDO, EG ID, world Nx @ 1330 (Hensley 4/16)
- 7260 VANUATU RV; 0702 pidgin EG, Anncmt after Nx "News Bulletin come long Radio Vanuatu." (sic?) very good this night //08 3945 also fair (Kowalski 4/27)(Jordan 4/11)(Lucas 4/8)
- 7280 LIBERIA VOA; 0715 EG, Nx, "African Sounds Show", ID (Castanon 5/9)
- 7345 USSR Mayak via Yakutsk; 0055-0110 RS, EL Mx, IS @ 0100, Nx. (Rigas 4/12)
- 7430 CLANDESTINE R. Revolucion; 0212-0234* SP, mentions of Cuba, tlks & martial Mx (Jordan 4/8)(Kowalski 4/27)
- 9360 SPAIN SFR; 0310-0445 SP, Lam Mx, "Touring Spain" pgm (Hitsman 4/17)
- 9475 EGYPT R. Cairo; 0235-0246 EG, ID, Egyptian Mx. (Bernacke 4/25)
- 9480 ALBANIA R. Tirana; 2248-2257* SW, Tlks, ID, NA. QRM de ute (Buer 4/5)
- 9485 ALBANIA R. Tirana; 0430-0458 EG, ID, OM w/ Nx, QSY to 9480 on 4/16 (Findlater 4/15)
- 9505 JAPAN NHK; 1700-1715 EG, Nx in general (Strauss 4/19); 1405 EG (Eastman 4/27)
- 9510 CANADA BBC; 1228 EG, "Jazz for the Asking", Sports Roundup (Demmitt 4/17)
- 9515 GREECE VOG; 0130-0145 EG, ID, Nx, Mx, //9655, 11730 (Williams 4/9); 020K(Brissett 5/7)
- 9525 CUBA RHC; 0700-0705 EG, ID, Lam Mx, asking for reports (Hensley 4/9)(hitsman 4/29)
- 9525 CANADA RCI; 0200 EG, Special police security squad being formed to avert unusual situations such as hostages & assassinations. Royal Canadian Air Force (Demmitt 4/20)
- 9535 USA WYFR; 2005-2040 EG, "Unshackled" rel pgm (Hitsman 4/14); 1400 EG (Hauser)
- 9535 CANADA RCI; 0400 EG, "DX Digest" tlk abt radio reception years ago (Demmitt 4/20)
- 9545 SOLOMON ISLANDS SIBC; 0731-0754 EG, Nx & many commercials. poor signal, lost voice at 0754 due to QRN (Spiczka 4/28)
- 9553 EL SALVADOR R. Nacional; 0100-0130* SP, Pop & EZL Mx, OM w/ Tlks. ID by Yl as "Radio Nacional de Salvador" (Brissett 5/8)(Briscoe 4/12)
- 9560 ETHIOPIA VoRE; *1500 lang?, Piano IS then ID by OM in lang? (Valko 5/1)
- 9575 CANADA CBC; 1300 EG, Israel attacks against Lebanon. (Demmitt 4/20)
- 9580 AUSTRALIA RA; 1140 EG, Inviting listeners to ask questions. Mx (Demmitt 4/17) (Earhart 4/24)(Hauser 4/10)
- 9585 SOUTH AFRICA RSA; 0200 EG, Nx abt Gold & shipping (earhart 4/26)(Demmitt 4/22)
- 9585 HUNGARY R. Budapest; 0200 EG, IS, ID, Nx. //17710 (Zilmer 5/6)
- 9590 MALTA DW Relay; 0141-0150* EG, Tlk abt Anne Frank (Buer 4/8)(McCasland 5/8)
- 9590 NETHERLAND ANTILLES RN; 0230 EG, Happy Station pgm. Special Easter show. (Demmitt 4/20) :0340 SP, Happy station pgm (Grosvenor 4/5)
- 9600 ASCENSION BBC; 2300 EG, a last minute decision ex-9580 during J81 for its 2300-0330 transmission. A bad move since R. Moscow via Cuba blocks fcy after 0000 (Hauser).

- 9605 FRANCE RFI; 0600-0630 FR ID, Mx w/ lively dialog. (Findlater 4/18)
- 9605 PHILIPPINES R. Veritas Asia; 1430 EG, IS, ID, fqys anncd 9605, 11955, 15215 then R.V.A. DX Nk (Zilmer 4/20)
- 9610 AUSTRALIA ABC Perth; 1205 EG, rebroadcast VOA Space Shuttle launch (Gunderson 4/10)
- 9615 TURKEY VoT; 2200 EG, on 4/6 on 9725 anncng that the 2030 xmsn would be moving to 9615 from 4/11. Subsequently found that this also applies to the 2200 xmsn; why didn't they say so? 9725 was co-channel RFE/RL, a suicidal situation (Hauser)
- 9620 YUGOSLAVIA RB; 2215-2230 EG, IS, ID, Nk items (Jordan 4/11)
- 9630 SPAIN SPR; 0030 EG, Nk of Spain & the world. Aircraft navigation (Demmitt 4/20)
- 9640 AUSTRALIA RA-Carnarvon; 1400 EG, Nk (Zilmer 4/26)
- 9645 FINLAND RF; 0235 EG, Nk abt a bank strike in Sweden (Demmitt 4/28)
- 9660 AUSTRALIA ABC-Brisbane; 0700-0730 EG, ID, Nk (Findlater 4/26)
- 9690 ROMANIA RB; 2013-2027 EG, Mx, address anncmt, IS (Bolland 5/10)
- 9695 SWEDEN RS; 0245-0257 EG, Sweden Calling DX'ers (Brissett 4/22)
- 9695 KAMPUCHEA VoKP; 1159 EG w/ tone, NA, s/on and into Nk by OM & Y1 to 1211, weak but mostly in the clear (Forth 4/9)(Cucura 4/13)
- 9710 AUSTRALIA RA; 1200 EG, Nk (Zilmer 5/6)
- 9715 NETHERLAND ANTILLES RN; 0750-0820 EG, Happy Station Pgm (Hitsman 4/24)
- 9725 TURKEY VoT; 2232-2245 EG, DX Pgm, Larry Brookwell's book on SW rcvrs was mentioned. (Eastman 5/2)(Fitzpatrick 5/2)(Brissett 4/24)
- 9725 SWITZERLAND SRI; 0145-0215 EG, IS, ID, Cmnty, inflation in Switzerland (Williams 4/9)
- 9745 ECUADOR HCJB; 0159-0300 EG, ID, rel pgm, "DX Partyline" (McCasland 5/7)(Hitsman 4/17) (Earhart 4/18)
- 9745 IRAQ R. Baghdad; 2205-2225 EG, nr East Mx, main headlines and Nk, EG Bc schedule was read over the air. (Bolland 5/9)
- 9750 ALBANIA RT; 0135-0140 EG, Y1 w/ world Nk, Columbia's reentry and its military implications. ID, State of Albanian economy (Baker 4/15)
- 9755 NETHERLAND ANTILLES TWR; 0445-0455 EG, rel pgms (Earhart 4/11)
- 9800 USSR R. Kiev; 2330 EG, noted on this unanncd fqy. also 0200-0230 (Hauser)
- 9805 EGYPT R. Cairo; noted 2245 EG, w/ closing headlines. EG Bc to Eur has been put 1 hr/17 earlier, unlike previous summers, succumbing to cancer of DST (Hauser 5/3)(Alexander 4/17)
- 9815 ISRAEL Kol Yisrael; 0000 EG, Nk-Calling All Listeners. (Demmitt 4/20)
- 9977 NORTH KOREA R. Pyongyang; 2215-2250* AR?, local Mx, ID, Tlks by OM, NA (Alexander 4/17)
- 11605 ISRAEL Kol Yisrael; 2230-2300 EG, Nk. Not anncd but replacing 11637 today (Zilmer 4/20)
- 11620 INDIA AIR; 2200-2230 EG, Nk, Interview w/ M. Thatcher (Strauss 4/9)(Sica 4/11)
- 11637 ISRAEL Kol Yisrael; 0000 EG, Jerry Lewis, taped interview at Tel Aviv airport abt helping the handicapped anywhere he is glad to. (Byron 4/9)(Alexander 4/17) 12)
- 11650 KUMAIT RK; 1815 EG, Nk, Pop Mx, Sports Roundup, poor signal (Spiczka 4/12)(Williams 4/17)
- 11655 ISRAEL Kol Yisrael; 0015 EG, extra fqy (besides 9815, 11637, 15582) for Independence Day pgms; not jammed during Hebrew pgms(0030-0100); listed i.a. for "D" 0500-0530 but so far in J-81 not heard that time. (Munster)
- 11685 KAMPUCHEA VoKP; *1200-1218 Cambodian martial anthem, anncmts, pssble ID, then to spirited oriental vocal & instrumental Mx; brief Nk spot by Y1 & OM, mentions of Kampuchea & Vietnam. No // heard (Jordan 4/25)

A very light turnout this month. Students were I'm sure working on last minute papers and rsuming for exams. What's the excuse for the rest of you?

I am now using a TRS-80 pocket computer. I hope to put together some programs relative to times, frequencies...schedules and so on. If any of you have any tips or intelligent deas please pass them along. Perhaps we can share ideas. *ASD*

Let's hope for a larger turn-out in July! Best of 73

NOTICE, PLEASE

The President of the Handicapped Aid Program, HAP-US, requests that all members who have not been in contact with HAP-US Headquarters since the first of the year please write to HAP-US, Route 4, Box 32, Rolla, MO 65401. Thank you.

log report *section*

11700 TO 17699

TERRY COLGAN



- *11705 SWEDEN RSI: 2315-2325 EG, cmntry on SW stamps (Fitzpatrick)
11710 ARGENTINA RA: 0118-0132 EG, wx, nx, cmntry on trade w/ Af (Spiczka)
- 11715 SWITZERLAND SRI: 0145 EG, IS, TC, "Dateline" (Demmitt)
11715 USA VOA: 1323+ PT, extended bcst 4/10 & 4/12 for Space Shuttle launch (Hauser)
- 11725 SOUTH KOREA RK: 1010-1034 EG, election results, ID, cmntry on SK's combat capabilities (Byron, Hensley)
- *11730 GREECE VOG: 0130-0145, 0340-0350 EG, ID, nx, freq/time sked (Gundersen, Mattson, Zilmer) 0230-0300 GK, mx, short tlks, ID (Rigas)
- *11730 QATAR QBS: 1745-2000* EG/FR/AR, test xmsn w/ address and request for repts, mixed lang mx; sked is 1300-1500 on 15315 and 1600-2000 on 11730; 4/18, 5/12 (Cucura, McClellan) sked via Cucura--tc
- *11750 BULGARIA RS: 0400-0500, 2130-2200 EG, ex-11860 (Hauser)
11755 UAE UAE R: 0330-0358 EG, ME nx, AR mx (Sica)
11760 CUBA RH: 0230-0300 SP, LAm mx, nx (Hitsman)
11760 COOK ISLANDS RCI: 0659-0905* EG, island mx, TCs, R Aust nx @ 0800, many IDs but often buried in chatter, pop mx; 4/28, 29 & 30, 5/1 (Bares, McClellan, Rankin)
- 11790 USSR RM: WS 1501-1508 EG, nx, ID (Hensley)
11795 WEST GERMANY DW: 0805-0815 GM, nx, mx (Hitsman)
11800 SRI LANKA SLBC: 2010 EG, W w/ ID, nx, freq anmt, into lang @ 2015 (House)
- 11815 NETHERLANDS ANTILLES TWR: 1300 EG, "Back to God Hour", ID (Posporellis)
- 11825 WEST GERMANY/PORTUGAL RFE: 2050-2100 EG, Fri cmntry on Soviet expansionism, //17835, f (Sica)
- 11826m SOCIETY ISLANDS RT: 0345-0355+ TT, tlk by M, het de RFE OC on 11825, f, //15170, 3/13 (Buer)
- *11835 SRI LANKA SLBC: 1115 EG, rel pgm to 1130* (Mattson)
11840 GUAM RTWR: 0915 EG, "DXLL" (McClellan)
11860 USSR RM: 0035 EG, cmntry on CFCT's attempt to use RM tapes & harassment by lcl nx media (Demmitt)
- 11860 LIBERIA ELWA: 2110 EG, "Back to the Bible" address, nx (House)
11864 BRAZIL R Clube de Pernambuco: 0815-0930 PT, Braz mx, very lively IDs @ 0830 & 0900 (Hitsman)
- *11880 SPAIN SFR: 0051-0200 EG, SP LL, IDs, "Panorama", cmntrys, wx, DX pgm (Bernacke, Hoffmann, McCasland) 0325-0430 SP, nx, mx, tourist pgm (Hitsman)
- 11885 URUGUAY SODRE: 2334 SP, M & W w/ tlk, ID, some guitar mx, vp (Forth) 0035-0057 EG, IDs & tlk by W, ballads & guitar mx, p (Gliksman)
- 11890 UNIDENTIFIED: 2049-2117* AR, ME vocals, TPs @ 2100, tlk by W, more vocals, abrupt s/off, freq nearer 11892, 4/18 (Gliksman)
- 11895 NETHERLANDS ANTILLES TWR: 0957 GM, IS, mult-lang IDs, into GM pgms (Posporellis)
- 11900 ECUADOR HCJB: 0955 EG, ID, freq anmts, IS, QRM de TWR-Bonaire (Posporellis)
- 11910 HUNGARY RB: 0105-0130 EG, topical tlks, mx @ 0120 (Earhart)
11915 BRAZIL R Gaucha: 2350-0000+, 0900 PT, tlks, many IDs, vocal & disco mx (Buer, Forth, Nikolich)
- 11915 ECUADOR HCJB: 0600-0630 EG, "Passport" (Hitsman)
11920 USA VOA: special freqs for Space Shuttle coverage 4/10 & 4/12; at this hr normally on-the-air in EG to FE only; on 4/12, found //21725 slightly delayed from //17840 but ahead of 11920; 3 different sites, but which ones?? (Hauser)
- 11940 SINGAPORE SBC: 1330, 1530-1545 EG, wrld nx read by W, IDs, cmntrys, mx (Eastman, Williams)

11945 CHINA RP: 1200-1255 EG, //15520 for ECNA, IS, ID, nx, drama, cmntrys, CH mx; blocks RNZ's final nx of the day (Hauser + others) gh also notes the RIB now carries RP's pgm listings in advance, something not generally available--tc

11945 NEW ZEALAND RNZ: 0715 EG, "Call to Worship", "Books of the Week" (House)

11955 VATICAN VR: 0200-0230 SP, IS, ID, M & W w/ dialog, p (Findlater)

11955 SINGAPORE BBC: 0942-0947 EG, "English by Radio", ID @ 0943 (Hensley)

11955 PHILIPPINES RVA: 1431-1451 EG, DX pgm, ID, //9605 best @ first, //15215 not hrd (Eastman)

11960 USSR RM: 0100-0130 EG, IS, ID, nx, cmntry, "Science and Engineering" (Williams)

11975nf EAST GERMANY RBI: 0323 GM, 5/5; up from 11970; likely applies to EG 0230-0315 (Hauser)

11990 CZECHOSLOVAKIA RP: 0119-0200 EG, pol cmntrys, folk mx, tlk on Easter customs, youth magazine (Earhart, Gundersen, Hoffmann)

12000 EGYPT RC: 0200 EG, here again instead of 12050, //9475 @ 0200-0330; believed in effect before J81 (Hauser)

12010 USSR RM: 1900 EG, hour to British Isles moved to 1900-2000 in early April; includes some familiar pgms + some only hrd on this svc, like the "UK Mailbag" (Hauser)

12015 AUSTRIA ORF: 0435 EG, addl airing of "ASWP", also //17745 (Hauser) gh frequently contributes to "ASWP" w/ items differing from what is hrd from him on other DX pgms--tc

12030 USSR RM: 2300 EG, looks like this will be the #1 freq for J81 as in previous periods; sked only 2300-0300; on 5/5, OC but no mod until 2330 (Hauser)

12060 USSR: #1 freq for secondary svcs such as RV @ 2200-2230 & RK @ 2330-0000; both //11735 (Hauser)

12070 MONGOLIA RUB: *1220-1249* EG, nx, lcl mx, tlks by M & W, cmntrys (Jordan + others)

12175 ICELAND ISBS: 1954-2002* Icelandic, orch mx to 1959, lively mx & M w/ anmts, AM, 3/22 (Valko)

14670 CANADA CHU: 0439, TPs, anmts in EG/FR by M (Valko) snicker if you wish but this is the first time this stn has been reptd to LR-D since I took over--tc

15000 ARGENTINA LOL: 2319-2335, CW IDs & lcl TC every 5 mins by W, g (Sica)

15006 SAUDI ARABIA BSKSA: 1542 AR, no doubt the AR stn wailing here 4/5; nothing on 15060; an engr got the digits reversed, not the first time (Hauser)

15010v VIETNAM VOV: 2030-2127* EG, IS, sked & freqs, M w/ nx, lcl mx, tlks (Alexander, Cucura, Glikzman)

15045 GRENADA RFG: 2230-0030 EG, US pop mx, ads, nx, sprts, IDs (Jones + others)

15076.5 AFGHANISTAN RA: 1900 EG, M w/ nx, pop mx, cmntrys (Alexander)

15110 BULGARIA RS: 0044-0100, 2230-2315 EG, DX pgm, pol cmntrys, patriotic mx, IDs, "Youth Corner", stamp pgm (Bolland + others)

15115 AUSTRALIA RA: 0830-1010 EG, ID, nx, freq sked, TC (Hensley, Mattson)

15120 POLAND RP: 0200-0244 EG, ID, nx, DX pgm, lbx (Cucura, Mattson, Spiczka)

15120 NIGERIA VON: 2130-2200* EG, nx, cmntry, exc (Loh)

15135 BRAZIL R Record: 0000 PT, lcl pgm of tlk & mx w/ crowd noises, f (Zilmer)

15150 INDONESIA VOI: 1410-1430 EG, cmntry, mx, QRM de RM, p (Rigas)

15150 CHILE R Nac: 2300 SP, futbol w/ excited anncr, p (Grosvenor)

15170 SOCIETY ISLANDS RT: 0645-0715 FR, lcl mx, vg (Rigas)

15180nf ECUADOR HCJB: 2330-0000 EG, ½ hr to SAM, but well hrd in NAM; includes some packaged pgms w/ limited evangelical elements (Hauser)

15190t CONGO LVR: 2208-2300* FR, Af vocals, anmts, rock mx after 2230, IDs & apparent s/off, 4/19 (Glikzman)

15190 CANADA RCI: 2310 PT, cmntry, mx, lbx, g (Grosvenor)

15220 HUNGARY RB: 0100-0127, 0300-0321 EG, ID, M w/ nx, interview w/ Willis Conover of VOA, topical tlks (Buer, Cucura, Spiczka)

15240 EAST GERMANY RBI: 1315 EG, nx, cmntry, freq & time skeds, to Af, f (Zilmer)

15250nf LIBYA SPLAJBC: 0050-0102 AR, tlk w/ interspersed mx, mod CCH unskd VOA from *0057. ex-15235, 4/14 (Buer)

- 15285 BANGLADESH RB: 1251-1300 EG, M w/ ID, lcl mx (Cucura)
- *15290 BRAZIL RNB: 0200-0300 EG, wx, nx, ID, Braz mx, cmntrys, sufferin from jamming against RFE, //17830 much better (McCasland, Rigas)
- 15300 FRANCE RFI: 1620 EG, Af nx & mx, cmntry, many //s (Alexander)
- 15315 CLANDESTINE Voice of Iran: 0330-0400* FS, bugle IS w/ IDs by W in-between repeats, choral anthem & bugle IS @ s/off; 4/25 & 26 (Jordan, McClellan) tlk sounds like off-the-air relay, leading to the hypothesis that this xmsn is a repeat of one the night before which is likely from a different site/country (Hauser)
- 15320 UAE UAE R: 0310-0330 AR, AR mx, ID @ 0313, TCs, freq anmts, M w/ wrld nx @ 0315, //17775 (Baker) 0330-0400 EG, nx, "Wide World of Arabic Music", IDs (Dunn, Fitzpatrick, Jordan)
- *15330 BULGARIA RS: 2300-2327, 0000-0100 EG, DX pgm, MOR mx, IDs, cmntrys, lbx (Rigas + others)
- 15335 INDIA AIR: 1330-1400 EG, IS, ID, nx, Indian mx (Spiczka, William)
- 15350 GUAM KTRW: *1300-1302 JP, noted w/ IS & s/on beneath RM WS, p (Buer)
- *15360 ECUADOR HCJB: 0230 EG, "DXPL" (Mattson)
- 15365 CANARY ISLANDS SFR: 2220-2250 SP, noted on weekday originating its own pgm of Flamenco mx; many IDs to 2240 w/ full ID, lcl nx to 2249, s/off anmts, def not //9630, 11880 from Madrid, 4/15 (Buer)
- *15380 SWEDEN RSI: 2300 EG, nx, "Panorama", "SCDX" (Zilmer)
- 15385 BELGIUM BRT: 0015-0100 EG, "Brussels Calling" (Byron, Earhart, Spiczka)
- 15385nf ASCENSION ISLAND BBC: *2144-2159* EG, "EBR", abrupt s/off & switch to 15390, ex-15390, 4/9 (Buer)
- *15400 FINLAND RF: 0246-0300 EG, pgm on design & marketing of FN goods (Gundersen)
- 15410 USA UNR: 1800-1812, 2130-2225 EG, UN Security Council mtg (Demmitt, Hoffmann)
- *15425 PORTUGAL RJ: 2000 EG, J81 sked for RJ relay hrd well (Hauser)
- 15430 MEXICO RM: 2330-0008 EG, SP mx, pgm abt Mexican musicians (Fitzpatrick) 0320-0332* SP, mx, tlk by M, f (Rigas)
- 15440 PHILIPPINES FEBC: 1330 EG, nx, f (Zilmer)
- 15450 PHILIPPINES FEBC: 2330-0000 EG, nx, rel pgm (Loh)
- 15460 USSR RM: 0740-0750 EG, W w/ tlk on RS mx, mixed RS mx, slight ute QRM (Jordan)
- 15460 USSR RT: 1200-1230 EG, IS, ID, nx read by W, cmntry, lbx (Williams)
- 15520 CHINA RP: 1230 EG, dramatic reading, //11945, f (Zilmer)
- 15500 COLOMBIA R Nac: 0020-0113 SP, mx, IDs, into tlk pgm @ 0110 (Gliksman)
- 15560nf MADAGASCAR RN: 1330-1340 DT, nx, ID, tlk, ex-17810, to SEA, //21480, 4/11 (Buer)
- 15560 NETHERLANDS ANTILLES RN: 1430 EG, "Happy Station", p (Zilmer) sure this isn't Madagascar, Bob?--tc
- 15584 ISRAEL KI: *0610 HB, Reshet Bet pgm; for this pgm published freq of 15582 is incorrect, but for other langs 15582.5 is correct, //17630 (Munster)
- *15605 ISRAEL KI: 1200 EG, nx, cmntry, p (Zilmer)
- 15790 CLANDESTINE VOMR: 1450-1535 EG, IS, ID x 2, march mx, time & freq anmts, pol tlks, p-f (Sica, Williams, Zilmer)
- 17605 NETHERLANDS RN: 1830 EG, IS, s/on anmts, W w/ nx, //15220 (Alexander)
- *15612.5 ISRAEL KI: 1200 EG, nx, cmntry (Zilmer)
- 17650 KUWAIT RK: 0805-0820 AR, exotic ME vocals & inst mx, W anncr, ID per WRTH @ 0808, short nx @ 0813 & back to mx (Jordan)

Frequencies preceded by * were reported for the J81 period; all others were reported for M81. Best wishes until next month. 73 de tc

P.S. Effective with the July issue of FRENEX, I'll be taking over as Distributing Editor. Steve Wiseblood will be doing LR-D and Jerry Berg will be taking over LR-B from Steve. My thanks to all those who have supported this column so well during the last 18 months--tc

log report *section*

17700 & ABOVE



BRETT SAYLOR

- 17710 HUNGARY R Budapest; 0104-0118 EG, nx and sports pgm (Spiczka) 0130 HG, tlk of successful space shuttle trip, Martin Luther's Bible translation (Byron) 0213-0228 EG, interview of a scientist by a W, good reception (Lucas-CA)
- 17720 FRANCE R France Int'l; *1605-1640 EG, Paris Calling Africa, naming contest winners (none from USA) (E Hoffmann 4/2)
- 17730 USA VOA; 0030 EG, answer to listener's question on KKK (Demmitt)
- 17745 ALGERIA R Algiers; 2025 EG, pop mx pgm w/ M DJ, ID, into SP nx w/ item on Lebanon; good (Jordan 4/27)
- 17765nf ALGERIA R Algiers; 0100-0110 AR, time signal at 0100, tlk (nx?) to 0105, guitar IS (same as at begin of EG xmsn); no definite ID but sure of that IS! //21635 better (Buer 4/16)
- 17795 AUSTRALIA RA; 0345-0352 EG, pop mx by W DJ, many ID's, QRM 0350 + fading (Baker 4/16) 1427-45 EG, world nx, Australia Tonight (E Hoffmann 4/13)
- 17780 SOUTH AFRICA R RSA; (out of order) *2058 EG, IS, ID, nx, Safr Panorama (Posporelis) 2122-2138 EG, PO Box 4559 pgm, exc (Dunn) *0630-0700 EG, s/on w/ ID, nx of Africa, Bible study (Bernacke)
- 17800nf FINLAND R Finland; 1200 EG, added from 12-1230, much-needed (Hauser)
- 17810 UNITED ARAB EMIRATES UAE Radio; 0450-0548 AR, MEast user) vocals, annm'ts by W at 0459, time pips, orch fanfare, into nx by W to 0513; EG @ 0543 (Jordan 4/11)
- 17830 BRAZIL R Bras; 0200-0300 EG, Brazilian mx, features on Brazil, good (Bernacke 4/26, Dunn, Spiczka)
- 17855 CHINA R Peking; 0012-0032 EG, fair but QRM made hard to follow; tlk by M, mx. //17680 (Earhart 4/23)
- 17860 NEW ZEALAND RNZ; 0315-0606 EG, easy-listening mx, nx, NZ Calling, regional nx and marine forecast (Spiczka 4/18, Clift, Loh)
- 17870 USSR R Kiev; 0215-0230 EG, Let's Discuss It, good (Rigas 4/28)
- 17885nf ECUADOR HCJB; 0035 EG, new NAM freq, jammed but they can overcome it; should have used 16m years ago for this svc (Hauser)
- 17890 AUSTRALIA RA; 0300-0315 EG, ID, world nx (Rigas 4/12)
- 19610h EGYPT R Cairo; 2218 EG, to Europe, 2x9805 (Moore 4/29)
- 21480 HOLLAND R Netherlands; 1430-1525 EG, Happy Station Show (Strauss)
- 21480 USSR Irkutsk; 0630-0700 CH, tlk by M & W, ID not understandable, but this is sked to be on in CH at this time (Findlater-CA 4/12)
- 21500 SAUDI ARABIA Riyadh HS; 1748-1800 AR, w/mx, no ID; s/off this freq @ 1800 (Bolland 4/28)
- 21510 UNID 0335 tlk in UnID lang, very strong, off at 0359 w/out IS or ID ??? (Hauser)
- 21515 FRANCE RFI; 1625-1655 EG, PCA, focus on Paris, world nx, Spotlight on Africa (E Hoffmann 4/25)
- 21525 AUSTRALIA RA; 0507 FR, 0600 FR/EG, FR to 0600 then EG nx (Michaud 3/21, Clift)
- 21530 USSR R Moscow; 2025 EG, nx & views pgm, classical mx (Bernacke)
- 21535 SOUTH AFRICA R RSA; 0601 FR, interview, //17780 better (Clift 4/17)
- 21545nf ALGERIA R Algiers; 0115-0125 AR, MEast songs, annm'ts, //21635 21725; is this a mixing product of the two? (Buer 4/18)
- 21560 ITALY RAI; 1830-1900 IT, nx, sports, fair (Bolland)
- 21570 SWITZERLAND SRI; 1535-1550 EG, Dateline (E Hoffmann 4/23)
- 21590 PORTUGAL Rdif Portuguesa; 1802-1830 EG, nx by W, folk mx (Bolland 2040-2050 PT, to Afr, PT songs w/annm't's, ex-21530; //17880, 21700)
- 21600 WEST GERMANY DW; 1735-1755 EG, Afr Svc, Window on the Wld, (Buer) nx & views (E Hoffmann 3/27)
- 21600 ISRAEL Kol Israel; 0500 EG, nx, 0515 FR, nx; //11637.5, 11582.5 (Munster 5/5-6)
- 21605 KUWAIT RK; 1911-1913 AR, tlk by M, good (Bolland)

21615 SWEDEN RS; *1400-1428* EG, ID, nx, tlk on smoking (Cucura 4/29)
1400, sudden ionospheric disturbance affecting entire 13mb for
about 10 minutes making all signals disappear; returned poorly
by 1420. 0230 bcst that day on 11705 vry strong (Elliott5/5)

21635 ALGERIA RTVA; 2205-2245 AR, lively AR mx w/ vocals, soft tlk.
ID by M, // 21725, good (Posporelis 4/10)

21640 JAPAN NHK; 0225-0230 EG, nx, ID and on to SP (Bolland)

21640nf UAE UAE Radio; 1310-1320 AR, nx and tlk to 1317 ID, then poss
commercial; some splatter from RFI 21645 (Buer 4/7)

21655nf UAE UAE Radio; 1615 EG, pgm of Arab mx, nx at 1630, //17710 and
probably 15320 (Hauser 5/3)

21675 ISRAEL Kol Israel; 0000 EG, nx, Calling All Listeners (Zilmer 5/4)

21680 AUSTRALIA RA; 0555 EG, pop mx, nx on the hour (Clift 4/12)

21685 HOLLAND RN; 2047-2120* EG, Newslines, Midweek Information (E Hof-
fmann 4/22)

21690 SWEDEN R Sweden; 1230 EG, nx, //15240 (Zilmer 5/3)

21690nf WEST GERMANY DW; 1338-1350* GM, to NAM, GM songs and tlk to 1348
s/off w/ music box IS; not Carib relay (Buer 4/5)

21695 CANADA RCI; 1928-2000 EG, DX Digest, good (Bolland 3/22)

21710 ISRAEL Kol Israel; 0500-0515, 2230-2300 EG, nx, //21675, 17685,
15582, 15485, 15415, 11637, 9815 (hrd or ann'c'd?? bs) (Zilmer 5/3
Hauser)

21725 ALGERIA RTVA; 2049 AR, MEast mx, vocals, time pips on hour, //
21635 (Bernacke 4/25, Posporelis)

21725 AUSTRIA ORF; 1245-1257* EG, to SEAsia, mx, IS at 1257, fading
& co-channel QRM (Buer 4/5)

21757 PAKISTAN RP; 1600 EG, dictation-speed nx, instead of nom 21755,
good (Hauser, Spiczka) 0230-0245* EG, nx (Zilmer 5/6)

21766 PAKISTAN RP; EG 1645, nx, ID, mx (Zilmer 5/4)

25690 ECRUGAL RFE/RL; 1230 RS, tlk, good copy but slightly jammed
(Zilmer 5/6)

25700 ALGERIA RTVA; 2020 EG, pop mx, ID, SP 2030, FR 2100 to fade-out
(Munster) 2100-2110 EG, hvy 'woodpecker' QRM (Loh) 1200 FR, tlk,
EG pop mx (Zilmer 5/6) 1600 FR, nx, local mx (Sica)

25730 NORWAY RN; 1545-1618 NO, mx pgm, nx, ID in EG (Bolland)

25920 MOROCCO VOA Tangier; 1445-1505, OC to 1458, s/on w/ mx, into RS
at 1500 (Buer 4/17)

25950 FINLAND RF; 1434 FN, nx (Moore)

26021.9 ECUADOR HCJB; 2305, //15295 w/ fading (Hauser)

26040 USA VOA; 1650 EG, story time (Grosvenor)

A small turn-out this month; hope the slow-down doesn't last long.
Please only send loggings which are recent (within a month of the deadline)
since the higher freq's change so rapidly. Watch out for Algeria & UAE !!!

73's

But

FOR SALE: Hammarlund HQ-200, 540 kHz to 30 MHz. Has built-in Q-Multiplier
and RF and AF gain and is also set up for frequency counter. Selectivity
variable from 100 Hertz to 3 kHz in one position and 6 kHz in the other
position. In excellent condition with manual. Price \$235.00 UPS to your
door. Steve Leite, 895 Bedford Street, Fall River, MA 02723. Phone (617)
675-2830 from 2200 to 0030 GMT.

FOR SALE: Heath GR-78 general coverage receiver with five bands including
LW, MW and SW to 30 MHz. Bands spread calibrated for International SW bands,
500 kHz calibrator, BFO, internal rechargeable battery or AC operation. Like
new condition, with manual. Price \$55.00. Lawrence Albert. P.O. Box 5394,
Fort Wayne, IN 46895. Phone (219) 485-9240.

FOR SALE: Yaesu FRG-7000 with Gilfer 2.4 modification, DC altered. Price
\$450.00 plus shipping. Also SX-59 preselector, \$50.00 plus shipping. Roger
Bisbee, 1702 Waldemore Street, Sarasota, FL 33579. Phone (813) 955-0234.

FOR SALE: Drake SPR-4 with calibrator and switchable narrow bandwidth. In
excellent condition. Price \$295.00. Jeff Stover, P.O. Box 494, Lock Haven,
PA 17745. Phone (717) 748-6729

ANTENNAS/ACCESSORIES

MIKE AIGNER

PA BLUE SHIELD, ERFORD ROAD, BUILDING W6E1, CAMP HILL PA 17111

Hi everyone! Before I get into something new, I want to complete "Jack" Reeder's list of stuff.....

L.L. "Jack" Reeder, Tn.

MFJ901 antenna tuner
GAR7 freq. readout
MFJ signal enhancer II
Yaesu SP901 speaker
Realistic Nova 40 stereo headphones
Telex 610-1 headphones
Lafayette RK85 cassette recorder
hombrew switchbox (plans, Jack? mja)
Mastercrafters 24 hr. clock

Now, let's head into the mail....

Charley Hoffman, Pa.

MFJ752B audio filter
MFJ959 tuner/preamp
B+W model 595 antenna switch
Heath 24hr. clock
Yaesu YH55 headphones
GE portable cassette recorder
Radio West DD2S digital display
KRS active antenna
Palomar tropical band loop
1 Horihel, 32 foot of wire
1 Horihel, 50 foot of wire
20 foot random wire, indoors
130 foot random wire, outdoor
23 metre long inverted-L, running E-W, 60 MB dipole running NW-SE, Phillips Continental 420 stereo recorder, Superscope C190 cassette recorder.

Mike Bolitho, Canada

++++I've had a couple of suggestions regarding the survey format. Do you prefer the format I used for Charley's stuff, or for Mike's stuff? I think the format I used for Mike's stuff is a tad crowded, but I will go with the majority decision. Comments, anyone??+++++

.....
Impedance and You- Part III (or, you and the ATU)...or transmatch, or matcher or tuner....they all mean the same thing. The last time, you'll recall, we said that tuners allow the use of an antenna whose impedance is characteristically not ideal for a given front-end. It does this by "fooling" the front-end into thinking it "sees" a good match.

Yes, I'm being vague and somewhat elusive. There's a good reason for it. Tuners are not miracle devices. They work on solid physical laws which are well defined. However, I must stress that no actual conversion takes place. If you have a mismatch somewhere in your antenna system, it is still there even if a tuner is being used. A tuner allows you to get the most RF from the antenna, as it is, into the front-end of your receiver. Period. That's all it does.

There are a great many different circuits for tuners, each having advantages and disadvantages. For example, a pi-network circuit (a good example is given in DXATN) is very fine when working with single wire feeders, but falls apart at the seams when trying to work with a coaxial antenna, such as a dipole. For coaxial antennas (actually, an unbalanced antenna is a better word), it might be more appropriate to use a L-network, examples of which can be found in the ARRL Antenna Handbook, among others.

Personally speaking (yes, this is only a comment!), I rather favor any circuit that allows you to switch from one type of tuner to another without much hassle. This way, if one circuit doesn't seem to work so well, with just a flick of a switch (or an addition of a jumper, etc.) you can try still another. It tends to lend flexibility to the system, particularly if you happen to be an antenna tinkerer.

Tuners can be a great help, particularly if you are in a tight spot. I highly recommend their proper use as they certainly can make the difference between the ID made or lost!



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 when fees are received. Please allow 2-3 weeks for confirmation.

"Remember", David K. Maxfield points out, "the world of SW is ANARCy!"



FRENDX CREDITS

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This month I have the great displeasure to report the lowest turnout that I can remember--only 55 of you contributed to the Log Reports. I would suppose that this was due to the fact that some of you did not see your contributions to last issue in print. Hopefully the mail is moving faster now...

Brian ALEXANDER, Mechanicsburg, PA (RF-4900, R-4)...Donald R. BAKER, Millsboro, DE (RF-4900)...Gregg BARES, Washington, DC (HQ-150, RF-2900)...Phil BERNACKE, Nogales, AZ (DX-302)...Charles F. BOLLAND, Lakeworth, FL (FRG-7000, DX-160)...Michael J. BRISSETT, West Allis, WI (SX-190, DX-160)...Ken BRISCOE, New Albany, IN (RF-2900)...Paul BUER, Miami, FL (SPR-4/FS-4)...Leslie BYRON, Laurelton, NY (Patrolman 9)...Mark CASTANON, San Antonio, TX (DX-302)...Anthony A. CLIFT, Campbellville, ONT (ICF 2001)...Vladimir CUCURA, Jr., Reading, PA (FRG-7000)...John DEMMITT, Bellefonte, PA (TV & Signal Generator!)...Kenneth DUNN, Hamilton, ONT (DX-200)...K.A. EARHART, Allentown, PA (NRD-505)...Gene EASTMAN, Huntsville, TX (FRG-7, RF-2600)...Kim Andrew ELLIOT, Northampton, MA (SPR-4)...J. FINDLATER, Universal City, CA (FRG-7000)...Leo FITZPATRICK, Chelmsford, MA (FRG-7000)...Karl FORTH, Chicago, IL (HQ-160, RF-2900)...Charles GEORGE, Dallas, TX...Sholom I. GLIKSMAN, Chicago, IL (RF-2800)...Norman C. GROSVENOR, Hollywood, CA (FRG-7)...Robert GUNDERSON, Northfield, MN (R-1000)...editor Glenn HAUSER, Knoxville, TN (FRG-7, ICF 2001)...Baxter W. HENSLEY, El Paso, TX (FRG-7, SX-190)...Kate HITSMAN, Des Moines, IA...Emmett J. HOFFMAN, St. Louis, MO (51S-1, R-1530)...P. HOUSE, Hamilton, OH...J.R. JONES, Jackson, MS...Rufus JORDAN, Pittsburgh, PA (DX-302, Zenith Transoceanic)...Dr. S. David KLEIN, Edison, NJ (DX-160)...Paul KOWALSKI, Milwaukee, WI (R-1000ultramod)...Chris LEITHNER, Brentwood, TN (DX-160)...Kenneth LOH, Phoenix, AZ (FRG-7)...R. LUCAS, Stockton, CA (R-1000, DX-160)...Carl MATTSON, Farmingville, NY (R-8, HQ-180A, FRG-7)...Tom McCASLAND, Kansas City, MO (Lafayette KT-200)...Scott McCLELLAN, Battle Creek, MI (FRG-7, SX-96)...Gilles MICHAUD, Pont-Viau, Laval, QUE (FRG-7dig)...Don MOORE, Bellefonte, PA (FRG-7000, XCR-30)...Ralf MUNSTER, Decatur, GA (R-7/DR-7, SPR-4)...Jay NOVELLO, (R-7, RF-2900), Endwell, NY--oops...James POSPORELIS, Troy, NY (RF-2200)...Robert L. RANKIN, Lawrence, KS (R-7/DR-7)...Christos RIGAS, Chicago, IL (VEF 206)...Louis SICA, Jr., Flanders, NJ (FRG-7)...Robert A. SPICZKA, Bloomington, MN (FRG-7mod)...Robert M. STRAUSS, Columbus, OH (FRG-7700, FRG-7mod)...Dave VALKO, Dunlo, PA (FRG-7, DX-160)...John WILLIAMS, Bloomington, MN (R-1000, R-4B, SPR-4)...Marjorie E. WITTE, Torrance, CA...Niel WOLFISH, Toronto, ONT (FRG-7)...Robert R. ZILMER, Rio Rancho, NM (R-1000, ICF 5900W)...

I hope to hear from many more of you next time. Please remember that the deadline is the twelfth of each month. Is your name listed above? If not then...

73a,

CONTRIBUTE!

NOTICE, PLEASE....

The new Distributing Editor is Terry Colgan, 8120 Ripplewood drive, Austin, TX 78758.

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