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NORTH AMERICAN SHORTWAVE ASSOCIATION

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*****February 1966*****
HEADQUARTERS NASA 1503 FIFTH AVENUE, A2 ALTOONA, PENNA. 16602

NOT WHAT IT SEEM'S TO BE!

One of the columns in a recent edition of one of the national/commercial magazines was brought to our attention by a member the other day. He was quite concerned re what it said/inferred, and well he might be. "Despite the facade of friendliness between a dozen or so clubs, they hate each other like poison."...sed the column.

Sad part is that, in ways, this is quite factual!!! Yet perhaps the word "hate" is improper. It is true that there are "dislikes" and "frictions" between some of the clubs, but not "hate like poison"! Still and all, there is more than just friendly competition! There are heated arguments and strenuous differences of opinion!

Even with the inception of ANARC, not all clubs are sincere in their modes when it comes to cooperation. Most remain aloof to ideas and/or suggestions unless such are par or similar their own...those that might benefit one or two particular clubs instead of all combined. Yet this cannot be termed "hate" between one another! It is merely a built-up force that has come about over the years of competition for gaining new members and recognition. Officials of this or that club feel they have the best...that theirs is the only. Those that dont feel so, should not be officials!

What hurts, and results in the dislikes and frictions is due the fact that all clubs are mainly/only able to contact one another via some mode of correspondence; There is no way the officers of each can meet regularly to discuss, face to face, matters which would possibly bring about closer cooperation. Conventions held at times by some clubs tend to better that club, but not the all of clubs! Meeting/convention of combined club officers however, would better all, yet such is impossible to set-up because most officers have vocations and/or other duties which disallow all to attend at the same time.

But getting back to the point...there isnt any real "hate" between clubs, at least not the poison-like. And even though there are dislikes and frictions, perhaps in time, once all clubs realize the strength and good "Unity and Friendship" will do the combined, these will subside. But all in all gentlemen, the action has got to be started, the seed must be sown by YCU the members of the clubs. So let yourselves be heard...no matter the club(s) you belong. And remember "We need not see eye to eye to stand shoudler to shoulder."!!!
Bill Eddings

Attention!!! Be sure to read the special report : Dominican Republic! See Hdq section.

AMERICAN STATION
WORLDWIDE SERVICE



FRENDX is the official publication of the North American Shortwave Association. It is not copyrighted. There are no subscriptions! Only sincere and active, in good standing members are entitled to receive copies upon application/joining the organization and paying membership fee (\$4.00 per year). All copies are sent via third-class mail unless otherwise arranged with headquarters and additional fee is paid.

This and all editions are made possible through the combined interest/cooperation of club officers, bulletin staff and supporting/reporting members.

Our motto is
"UNITY & FRIENDSHIP"

The North American Shortwave Association
is in affiliation with
The Association of North American Radio Clubs
..ANARC..

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AWARDS

Numerous requests are being received here for copies of NASA awards program; once again I would inform all that presently it is being revised and is not ready for release. New awards are being added and certain of them pertaining to the handbands need approval from CHC official so that they will count for credits thereto. Time being this is the main reason for delay. Approval is expected directly and as soon as it is given, complete new/revised program will be sent to all members along with upcoming edition of Friendx. We appreciate the interest of the many OM, members and non-members, who have written requesting info on our awards. Tnx!

GROWTH MEANS WORK!

NASA continues to grow rapidly (as can be seen in monthly new member column). As it does, more and more support/reports are recieved by the various section editors. This means more work for them (and they love it!!!) However, since most of us are employed fulltime, have vocations, times are we find QRM entering in...the added section/club work becomes a bit of a task or burden. For this reason then, certain sections, editors thereof, will have an assistant or co-editor appointed to them. These will be selected by hdq from lists of recommendations submitted by the now present section editors. They will then be assigned certain parts or columns of respective sections...will do the work re them. This will relieve the chief editors somewhat and will aid in bettering the sections and the bulletins overall.

DO YOU HAVE YOURS??

Over three fourths of members have club rubber stamps; Are you one of them? They are available from hdq! Price is only 89¢ each postpaid!!! We would like to see all members have one and use them. This is an added way of showing your support of the club..also of publicizing it. Why not order yours today without delay?

CONSTITUTION

While many members submitted ballot cards per instructions, prior to designated deadline, many others did not. And even though majority did, making it official that the constitution is approved...we are holding back such announcement in order to allow overseas members more time to get their ballots here. (Being some are in the armed forces abroad!) What "bothers" us most is that certain of members who did not submit ballots are or have been known/considered devoted supporters of NASA...yet when they are given opportunity/privilege to vote in such an important matter, they do not act. (Shades of national elections whereas some individuals dont go to the polls to vote, yet later gripe and complain about doings of elected administration!)

NO M.O.M. LATELY

We've not designated any "Member of the Month" lately because we are having a special award/certificate made up which will be given to all members named MOM. Regretfully, a bit of QRM has been met in the printing of these...so until it is rectified and certifs are recieved here at hdq, we will refrain from doing.

QUESTION!!!

Do you like Friendx? WHY????????????????? This is a question we would like many of you to answer (even though many already have done so in past!) We nat your answer so that it can perhaps be used as guide for future editions and also actions by the club. Being we are growing at a very rapid pace, there must be reason(s) and no doubt such reflect on the bulletins; For after all, a clubs bulletin is, in essence, the club itself! So we would like your answer to the above question; Write it, if you will, on a separate sheet of paper so it can be kept on file, for reference and future use here at hdq. And please know that whether your answer be yes or no, it will still be appreciated...all that we ask is that you be sincere and that you keep the club motto in mind. Thanks!

....."UNITY and FRIENDSHIP".....

AROUND THE CLUBS

RYNWSWLC latest bulletin neatly done and fancy, but considering it has over 1000 members, it is less worthy, content-wise, than bulletins put out by various small clubs with less than 100 members.

IRCA will have a new publication site in near future...moving to Alabama from its present location in Colorado. Club hdqs however will remain same.

ASWLC announces resignation of G. Klinck as publisher of "SWL" and says new publisher will be S. MacKenzie; Therefore the bulletins will henceforth come from Calif. instead of Buffalo, N.Y. as before. Klinck plans to remain on "SWL" staff.

CDXC gave a bit of "heart" to its SWBCers when it recently decided there is room enuff in "Cadex" for SWBC and Utility. So once every three months, alternately, an SWBC, then Utility column will appear if interested members support/report.

DXI put out a "Club Directory" recently for which we would like to extend thanks. Not only have we rcvd hearty words of appreciation from DXI members due our being the club with longest "ties" with them, but too, many are coming aboard NISA.

NNRC sorta surprised many OM around the clubs a month or so ago when it stated, in its statistics section, that it only has a membership of approx 580. Majority of OM presumed number to be far greater!

PENNSYLVANIA DUTCH..

The following sign appears in shack of WPE3EZV/WPE3FZK. It is directed to visitor. "Achtung! Alles onlookenfolken. Das machine is nicht fur gerfingerpoken und mittengraben, is easy schnappen der springerwerk, blowenfusen und popp encorcken mit spitzensparken. Ist nicht fur gerwerken by das dummkopfer; Das rubberneckten, sightseeren keepen hans in das pockers, relaxen undd watch das meterbouncen, switchenflippin, knobsehturnen. Sitzen down fur das kaffenklatchen.

Ich bien das switchenflipper."

(Ted & Emily Templeton)

NASAer GOES NUTTY!!

Dont think its possible, eh? Well tis!!! And in this case, we are kinda regretful about it because it has brought about a loss of one of our oldest and most FB members, formerly on Frendx staff. Take, if you will, an OM in his early 20's attending college, partaking of the usual activities outside studies and bookwork; Couple it with desire to make a few extra pennies for that proverbial "rainy day"; Add to this his being a most popular OM in and out the club/hobby and thus much of his time being efforted to hold, even gain added esteem...and you'll find him ...not heading for the hills, but going nutty. Thassa fact!

Larry Marshall has recently, reluctantly too, notified us he will not be renewing membership due he is now preoccupied with what started out simply and has grown to be a very worthwhile venture....selling nuts! No longer will he be known as the "Friendly DXer", but the "Almond Boy!" Hi! Of course we dislike seeing him QRT old NASA after being on board for no less 4 years, but all in all we are happy for him in that much of where he has been and is going, worldwide and businesswise, he was aided in ways through his works and his friendships in hobby. Larry wont forget us...we wont forget him...and I betcha a pound of blanched nuts (almonds that is!) one day in future he is back with us. Nutty or no, wish him well all ways, we do!

DUES INCREASE

It had to happen!...and it has!! We here notify all members that membership fee's are now \$4.00 per year worldwide (there no longer is differentiation between rate for NA and overseas residents/members!) Specified rate is for 3rd class mailing of bulletins! First-class mailings can be arranged for those interested provided additional fee is paid. (Write club hdq for rates!)

Increase was made necessary due to growth of club and bulletins, added expenses. We are non-profit, not a business and therefore new revenue is needed to operate and expand. Members are asked to consider this point and understand the increase is made so that all will benefit.

NEW

NEW

WELCOME

MEMBERS

MEMBERS

Dan Henderson/WPE4GW/3, Silver Spring, Maryland. "Started SWLing in '57 with a Knight SpanMaster and HeathKit AR3. Was QRT while at college, but am now back at the dials w/ an SX110, RME-DB23A and 50' doublet N/S. Prefer SWBCing and have 98 QSLs to date. Am single until coming June when I will add XYL to shack. Presently am an EE in Applied Physics at Johns Hopkins University. Interested in contests and awards, am a member of NNRC. Read about NASA in Poptronics."

Mike Luechtefeld/WPE9HMV, Belleville, Illinois. "I am a highschool jr. aged 16 and have been an SWL for over 3 yrs. Mr. Lafayette (my HA225 rx) has served me well, aiding me in logging over 50 countries so far. Antenna is a 75' longwire, but am planning on a Mosley SWL-7 in near future. I belong to RCSWC, am interested in awards and contests. Joined NASA on recommendation of friend/member Roger Parker."

Douglas McAbee/WPE8HLZ, Goodrich, Michigan. "I've been DXing SWBC and BCB for about 3 years now using a homebrew and a Silvertone with longwire antenna. Am 19 and a grad of highschool...am single. Am active cardswapper, interested in contests, awards and photography. Belong to local radio club and am happy to join NASA which I read about in the 1966 edition of PE Communications Handbook."

Allen Bethel/WPE4IGR, Old Hickory, Tennessee. "I am 15 and in sophomore year at highschool. Rx is a Knight StarRoamer and I use a 100' longwire antenna. DXing is done on SWBC and Hambands. I am interested in stamp collecting, awards, contests and also in cardswaps. Other interests include swimming and bowling. First heard about NASA when reading the '66 Communications Handbook."

Paul Donegan/WPE6FRW, Glendale, California. "Out to collect QSLs, I've been active at SWBCing for over a year now. Gear includes a Mohican Gc-1A and GR-54, also a signal generator. Antennae are 16' vertical and a Mosley SWL-7. Interests include electronics, philately, photography and awards. I'm married, age is 30, vocation is psychologist. Belong to ASWLC, DXI and BDXC, also the RCSWC and RFDXC. Read about NASA in recent DXI bulletin. Incidentally, I'm the Pacific Coast Sec. of RFDXC."

Robert Graham/WPE applied for) Saddle Brook, New Jersey. "Am 17 and attend highschool. I monitor BCB, also SWBC. Presently using a Lafayette FS251 w/dipole antenna. I'm a cardswapper, am interested in coins, stamps and geography (would like to hear from OM in Vermont and overseas countries!) I heard about NASA from a friend."

Pete Sils/WPE6EAX, Cedar Falls, Iowa. "Born in Manchester, England-1951, moved here in 1959. Rx is a Drake LA, also have a old Knight, and a CB rig - GD5. Antennas are a dipole and a ground plane. I like to DX BCB, SWBC and Hams...have 152 QSLs. Interested in contests, awards, cardswaps, also hunting, fishing, stamps, tapespending. Am a member of EIDXC where I first heard about NASA."

Jerry Batman/WPE4IUW, Greenville, South Carolina. "Age here is '18 and I am a senior in highschool. I've been DXing BCB/SWBC for nearly a year; use a Lafayette HE30 with a window antenna. Am interested in awards and contests and am a member of RNYSWC, also ISWL. I learned about NASA from Comm. Handbook."

John Patton/WPE3GOU, Tyrone, Pennsylvania. "First started DXing in '65, January to be exact. Prefer an assortment of SWBC, ARO and BCB, depending on condx. Receiver is a Hallicrafters S120, antenna a 100' Longwire which is 35' high. I collect coins, am interested in awards, contests, electronics, chemistry and soon hope to cardswap. Am member of RCSWC. Joined NASA after reading of it in latest PE Communications Hndbk."

Seppo T. Ketola, St. Johns, Michigan. "My home QTH is in Finland. I am now in the U.S. as an exchange student. Age is 18. Presently using a Lafayette HE30 with a dipole, I prefer SWBCing and some occasional BCBing. QSL total is 122, favorite being from Emisoras Pio XII. I am interested in contests, awards and philately. Back home I was the editor of Suomen DX-Kuuntelijat club bulletin "DX Kuuntelija". I read about NASA in the latest edition of World Radio-TV Handbook."

New Members cont'd....

Raymond Boik/WPE8FFF, Pontiac, Michigan. "Age here is 34 and I am married. Started my DXing in '62 and was SWBC editor of PSDXC in '63. Have been QRT for 1½ years, but am now back at the shack and am using an HQ145 w/a Knight R100 as standby. Antenna is a Mosley SLL7. Other gear is a Webcor tape recorder. DXing preferences in order are SWBC, utilities and hambands. Am interested in awards, contests, also in skin-diving, fishing and bowling. Am an NNRCer. Heard about NASA from member Jack Keene."

Warren Nordgren/WPE9DGI, Waukegan, Illinois. "Been in this good old hobby of ours for over four years and find much interest in reporting to/hearing from Missionary Radio stations. Am an SWBCer, use an HQ180C fed by inverted V's cut to 6100 & 11800. Other equipment is a Concord tape recorder and a BC221 freq meter. For the past year I have been privileged to have recommended freqs accepted by TWR, Bonaire. I've joined NASA on recommendation of friend/member, FB DXer-Frank Peters."

Vincent DeMeis/WPE3FEE, Philadelphia, Pennsylvania. "Fifteen is the age here and I am a highschool student. Been an SWL for three years, have enjoyed every minute of it. I use an HQ180A rx and a 175' longwire antenna. Other gear includes an NC60, a model 16A RTTY teletype machine and converter and a Hallicrafters CB3A rig w/ground plane. All my DXing is on the hambands. I'm interested in awards, contests, cardswaps photography and rock collecting. First heard of NASA via Larry Marshall."

Hugh Whitehead, Hampton, Virginia. "Vocation here is a pharmacist, I'm a college grad, aged 41 and a bachelor. DXing is done on SWBC bands and I've over 50 QSLs to date. Am interested in awards. Rx is a Hallicrafters SX122, antenna a longwire. Read about NASA in the PE Communications Handbook '66."

Jacques Dube/VE2PE1FU, Trois-Rivieres, Quebec, Canada. "I am French-Canadian, age is 25, married and vocation is Postal clerk. I began DXing in '60. Rx is a Hallicrafters SX110 and I use a 25' longwire antenna. I am interested in SWBC, Utes, BCB, awards, contests, cardswaps and photography; I also collect phono records. I belong to CDXC, IRCA, NNRC, CIDXC and NRC where I am member of CPC. R. Jenneman told me about NASA."

Paul Coleman/WPE5EKF, Port Neches, Texas. "I am 14 and a jr HS student. Have been an SWL for over 3 yrs and use a S120 and SX130 with 125' longwire antenna. Am interested in contests and awards, also stamp collecting. Belong to DXI; Have a penpal in Ghana. Read about NASA in the DXI club directory."

Jack Widner, Indianapolis, Indiana. "Been DXing about a year now and have logged 59 countries (SWBC/Ute) with QSLs from 38. Rx's are S38E and Knight StarRoamer; Antennae are V shaped longwire, inverted V and 3lm dipole. I am interested in coin collecting, awards, contests, also sports. Joined NASA via member Mark Hosmer."

Vincent Minichino/WGU2VJM, Corona, New York. "I am 21 and a student at Manhattan CC. Am single. Recently returned from 2½ years of studying in Europe. My ambition is to become a teacher. I use a European rx with 70' longwire antenna and prefer SWBC bands, but do some occasional listening to hams also. Am interested in awards, contests, cardswaps, also letter writing, hunting/fishing. Hrd of NASA from friend/member Lou Rivera."

Al Leskiewicz/WPE8FVT, Euclid, Ohio. "Married, have 3 children, am 43 and work as a tool-die maker. I DX on SWBC and BCB using a National NC190, Hallicrafters S53A with 65' doublet and 14AVS 100' longwire. QSL totals thus far are 59 on SW, 114 BCB. I am also interested in stamp collecting. Am a member of IRCA. First heard about NASA from Richard Jenneman/WPE9GCZ."

Applications arriving after 24th January will be listed in next months bulletin!!!!!!

RENEWALS

Fred Parsons, Frank Domineske, Charles Johnson and James Howard for their second year; Richard Jenneman for his third year; And Don Erickson, one of original NASAers, for his fifth year. Glad to have you all back again gents, our tnx and 73 to each....and to Don E., things have changed since the old NASA days, eh OH? Hi! Of the first 25 original members, there are only about six of us still around!

NOTE: NASA Hdq has been rcvng so mny requests for sample bulletins that we would here like to extend sincere tnx to the clubs, friends/members and publications which have given us space/mention in recent months. We are truly appreciative of the cooperation!

MARY HAPPY RETURNS!

ATTN PHILATELISTS!!

Birthday greetings to following members of NASA who are celebrating this month; Joe Sabo, Phil Flickinger, Bob Rooney, Frank Dominoska, Sam Rowell, Jerry Florance, Don Herbert, John Lindgren, Dave Lyon, Roman Weisenel, Mike McElhatton, Mike Poore, Tim Brown, Erich Soentgerath, Dan Shoaf, Frank Curran, Ralph Pearce, Earle Conquest, Pete Sils, and Bob Graham.

A non-commercial, non-profit organization in Oregon is asking for used/unwanted commemoratives. It has a project whereby it trades these stamps for foodstuffs which it sends to the needy overseas. 500 coms will deliver 300 pounds of food! Both domestic and foreign coms are wanted. If you have any you dont want, please send them to one of the QTHs listed below. They need not be removed from the envelopes, but should be cut carefully so that perforations are not damaged. Regular 4 & 5¢ issues are not needed...just commemoratives! So gather up all those you dont want/need and mail to either Gary Fredricks, 960 W.16th Avenue, Eugene, Oregon..or..Rosa Halemba, 3340 S.W. 178th Street, Aloha, Oregon. Further info may also be had from these two FB folk who are promoting the NASA motto. Join them!

SURVEY-STATISTICS

Based on first 200 cards returned; 82 members read all pages of Friendx. Of the 118 other...97 read Hdq section, 21 do not; 54 read Friendship Corner, 64 do not; 89 read NewsRoom, 38 do not; 103 read SW Center, 15 do not; 51 read HamBand Roundup, 67 do not; 32 read MediumWave Digest, 86 do not. This would mean that out of 200 reporting per survey cards...179 members read Hdq section 136 read Friendship Corner, 162 read the NewsRoom, 185 read SW Center, 133 read our HamBand Roundup and 114 read MediumWave Digest. These figures show majority of our members to be interested in SWEC, over and above other phases we cover in Friendx. Breakdown as to favorite sections:

:::::
"A friend understands in a moment what you could never explain in a year."
:::::

BELETED GOOD NEWS!

Hdq's has finally rcvd word from Denmark and New York WRTH outlets, and altho we had not planned to handle the 1966 edition, we will now do so in that it be a service for NASA members and will save them money. Therefore any member wanting a copy of the latest edition of World Radio-TV Handbook, fill in and (remit stated fee) return order form here given. You will save yourself \$1.35 over list price of \$4.95. NASA price per copy postpaid is \$3.80 and there will be no long wait as all copies will be mailed direct de New York instead of de Denmark as before. All OM interested are asked to order as soon as possible while supply lasts!

CLASSIFIED

For Sale: Hallicrafters SX110, like new; Pentron tape recorder, used vry little, in new condx. Write Neal Gregory, 204 Stafford Hall, Univ. of Oregon, Eugene, Oregon.
For Sale: Wireless CFC (multi-purpose), wx equipment, mags, Sams PhotoFact #10. Or will swap for preselector, etc. Write Dick Jenneman, RR2, Box 104, Stanley, Wisc.
For Sale/Swap: HeathKit GW52 in excellent condx complete w/crystals 7-11-13. Also a battery recharger, antennas including CB mobile M103. Write Ralph Irace Jr., 4 Fox Ridge Lane, Avon, Connecticut.

Name _____
Address _____
City _____ State/Prov _____
ZIP _____ Date _____
Please send me _____ copies of the 1966 WRTH @ \$3.80 per copy ppd. I here enclose check or money-order in amount of \$ _____
(Do not send cash!!!)
Signature _____
(Offer good only for members of NASA!)

Exclusive

THE LOUDENBOOMER REPORT

Exclusive

With disgust I tossed the collection of smudgy, purple-printed pages into the waste basket. The bulky booklet, which someone sent me, was just another bit of speculation about that mysterious radio station whose location had puzzled DXers for years...Radio Asparagus.

Oh I'd read everything I could lay my hands on concerning this station, but there was so much conflicting information; Frankly I was still puzzled!

There were those who claimed Radio Asparagus was located on one of the Swamp Islands in Caribbean waters. It was said to be its purpose was to broadcast phony farm market reports to a certain West Indian Isle, under dictatorial control, with the intent to create internal confusion and thus disrupt that regime's agricultural economy. These same sources said Radio Asparagus was under the direct control of the most secret of governmental agencies...the Central Agricultural Agency. Yet others, refusing to see anything sinister in the reporting of latest prices at the Kansas City stockyards or the fluctuations of the Chicago butter and egg market, poo-pooed the cloak and dagger theory. Still others, perhaps crediting the CAA with all the cunning of OO7, maintained that if Radio Asparagus authorities leaked information revealing the station's location as the Swamp Islands, surely this was ample proof that the xmtr was elsewhere. After all, they reasoned, the very future of the American way of farming hung in the balance and the government agents would resort to every sneaky trick in the book to fool enemy. Some DXers however, contended that the station's publicly revealed location in the Swamp Islands must be correct, because if only mad dogs and Englishmen go out in the noontday sun, only "danfools" and government agents would ever go to those forsaken isles. What was the answer to this vexing problem, I wondered? I reviewed all the literature on the subject. Radio Asparagus, it seemed, was in fact a government operation. It had first gone on the air some five years ago, announcing then as Radio Swamp and pretending to be a commercial venture. However, after it broadcast clandestine messages during a crop-burning raid on the enemy shores, it disappeared from the air and Radio Asparagus took its place.

Not satisfied with the information I had found in print, I began asking questions. I talked to government officials, broadcasters, anyone/everyone who might be able to tell me where Radio "A" really was.

One day as I was putting my questions to an FCC official, I heard a stout, elderly man in a white smock, standing nearby, mutter "The young fool! Doesn't he know he'll never find asparagus in the swamps?"

Thinking I had finally found a man who could answer my queries, I turned to him questioningly. But alas, another deadend, for I soon learned he was merely a crochety old greengrocer commenting on my apparent ignorance of the elements of truckfarming.

When I had just about given up hope of ever solving the problem, I learned of a DXer with a technical bent who had made direction-finding experiments in an attempt to find location of Radio Asparagus. In answer to my inquiry, he wrote, "I've obtained a DF bearing from the station which indicates it lies in a southwesterly direction from here. The bearing fairly bisects one of the Swamp Islands!"

So there I had the answer...or had I?? Something still didn't ring true! As I pondered, the answer came to me like a flash of lightning. Everyone assumed the station must lie southward in the Caribbean area; But since the loop antenna could not tell back from front, the signal could also have been received from a northeasterly direction!!

A quick check of a map and a hurried call to a local airlines office, I was soon winging my way northward to the bleak Labrador coast. Anticlimactic as it may now seem, I there found the twin 250' masts of Radio "A" outlined against the northern lights. At the base of the towers was a village of quonsets and in them a group of CAA technicians huddled around glowing stoves.

Expressing some chagrin that I had finally found the station, the head of the operation showed me about the xmtr site and later invited me to supper. As we sat around afterwards, the sound of an announcer saying "The bottom dropped out of the sugar market today", faintly on our ears, the chief CAA agent leaned towards me and asked..."You won't tell anyone you found us will you?" I assured him I wouldn't. And do you know, to this day I

Special Report

SANTO DOMINGO, AFTERWARDS...

Special Report

by Cesar Objio, Dominican Republic

(Several months have passed since the Provisional Government took office and every now and then the radio and newspapers bring new happenings in this country!)

Radio stations have not been exceptions in the list of casualties or damage...for example, on the night of Nov. 18th, HIBD, La Voz de La Romana/3355kcs, using a Collins lkw xmtr, suffered a terrorist attack due to political situations in the DR, and the station was off the air for some days. The motive of the attack was due differences of opinion between two syndicates of workers in Central Romana, wherein is located the largest sugar factory in the country, a spot where many labor troubles have occurred through the years. One of the syndicates used the station for a program, then during the night unknown persons, armed with machine guns, and carrying gasoline and oil, set fire to the xmtr site and silenced the station. Watchmen could not defend themselves nor the station because they were unarmed. Another station in this same town, HIBB, La Voz del Papagayo/5030kcs, was not attacked. (Incidentally, neither of the two stations broadcast on MW.)

Early on the morning of Nov. 22nd, there started an uprising in Santiago, aiming at overthrowing the Provisional Government. One of the first steps was to take the station HIMD, Radio Tamboril/760kcs (in the town of the same name, but formerly called Pena.) in order to broadcast decree's of the supposed "new government". They held the station for about 2 hours until the police arrested them and took the crystals from the xmtr to silence it. All other stations in Santiago were also closed down by police for some hours, but later in the morning they were again permitted to operate.

Again in Santiago, on the morning of Dec. 19th, there was an incident involving the fighting sides of the recent civil war. Result was 30 dead. Some reports say the first news of this incident was aired by Radio Santiago/820,3400,6060kcs (though the 3400kc outlet was not operating at the time!), but later, all stations in Santiago closed. In the meanwhile, news of the incident reaching Santo Domingo, some youths went to Radio Guarachita/690kcs and "gave" the news to the people. The owner of the station protested this action saying his station would not be used for political purposes...thus he cut off the power serving the studios and closed them. Soon after this, the government station RSD(Radio Santo Domingo)620,860,6090kcs, asked all stations to join it in order to give the correct news and avoid misinterpretations. Not all stations did join RSD though...many closed their xmtrs down, and so on Sunday afternoon and Monday, no MW stations could be hrd in Santo Domingo except RSD/620,860 and AFETS/1060.

Next day, Radio Cristal/570kc and Radio Comercial/1020,4880kcs, being owned by one and same person, were attacked. The xmtrs were bombed, yet not excessive damaged was done because both were on the air again the following day.

On Dec. 22nd, complete damage was inflicted on the xmtrs of Radio Mil/1190kcs plus FM. The bomb wasso powerful that all the equipment was destroyed beyond repair. Owner of the station could not understand why it was attacked since he claimed it did not have any political connection with any party in the country.

After all these attacks, Mr. Ellis Perez, President of the National District TV and Radio Assn., and owner of Radio Universal/650kcs, protested saying, "We are worried because this is perhaps a plan to destroy all stations and cause damage to the Dominican people to whom we offer, via our channels, culture and entertainment." He also said he was trying to get armed protection for the stations. Soon after this, Radio Mil rcvd aid from radio stores, technicians and owners of other stations in order it could operate until new equipment could be bought.

The New Year brought more QRM! Early in the evening of January 6th, the Dominican Armed Forces took the building housing RSD; And Radio San Isidro also began operating again after being silent for more than two months. This occurred after the Provisional Government decreed that more than 30 officials of both armies (regular & rebel) had to leave the country for "diplomatic" service abraod. The Armed Forces protested this and

cont'd from preceding page....

began using facilities of Radio San Isidro/1440kcs to broadcast explanation of their position, since they had no other way to inform the people. They also took over the xmr of Radio Guarachita/690kcs in order to rebroadcast xmsns de R. San Isidro. As a precaution, owners of Radio Cristal/570 and Radio Comercial/1020, 4880kcs, removed the xtals and some tubes from their station xmtrs so that they could not be used as part of "incorporated" R. San Isidro programs; Thus both were off the air. After seizure of Radio San Domingo by the Armed Forces, most of stations in the city of same name were closed down claiming they were doing repair work, but factually were merely wanting to avoid being taken over by the Army.

On January 7th there were only a few stations on the air in the capital city: R. Santo Domingo/620, R. Guarachita/690, Radio Santo Domingo/860, AFRTS/1060, Radio San Isidro/1440 and Radio Pueblo/1530. RSD, RSI and R. Guarachita operated as a network; R. Pueblo operated commercially.

January 8th saw RSD turned over to the InterAmerican Forces along with the Tele-comunicaciones Palace.

On January 9th a clandestine station was heard on 1400kcs IDing as "La Voz Nacionalista" speaking out anti the Provisional Government and favoring the Armed Forces.

January 12th, at approximately 2250GMT, the xmr of Radio Universal/650kcs, was taken by some 15 armed men in civilian clothes. They surprised the policeman on duty and the employees, took them prisoners. Transmissions from the studios were cut off and a tape recorded speech was aired. This speech was attributed to Gen. Wessin (presently in exile in the U.S.) who spoke to his followers. After the speech was ended, the men left and the xmr stayed off the air the remainder of the day.

-30-

FACTS/DATA RE STATIONS IN D.R.

Corrections on data given in '66 WRTH: Radio Sol is not on 3265, but on 3255. Radio Santo Domingo is no longer on 3325, or 9505, but is on 6090. La Voz del Atlantico isnt on 4340, but 4800. La Voz de la OEA does not have an xmr now. Programs formerly aired from this are now broadcasted via Radio HIN/1220 and 4910kcs, 1730-1830GMT. La Voz de Oriente is no longer on shortwave..(formerly 6025). Broadcasting Tropical changed freq from 6190 to 2225. Radio HIN active on 4910. Radio Antillas on 4960. Radio Universal no longer located at Hotel Jaragua since this is now CAS Army Hdq. Radio Triunfo/740, is HIXZ, not HIZ. It is not operating yet due its being destroyed during revolution. (HIZ, the oldest station in the Dom. Rep. is on 1350 presently, but not on SW 6110.) HIPJ-Radio Popular/890 has changed its name to Radio Continental. Radio Union-HIAJ, is on 1560, not 1590. Radio Tamboril-HIMD/760 is the only station in Pena; HIBG/1430 is incorrect, should not be listed. Emisora HIBI, San Francisco de Macoris, is on 1585, not 1590. New station, Radio Ocoa/925kcs is in San Jose de Ocoa.

Other errors/mistakes: Listing stations as "Emisora HIAE, HIAV, HICM," etc., is not right! Though these letters are the call signs, they are not, even with "Emisora" with them, the proper name(s) of the stations. Correct examples (and as they should rightly appear!) Emisora HIAE/590 is Radio Isabel de Torres; Emis. HIAV/1310 is Radio Bani; Emis. HIBZ/1340 is Radio Centro; Emis. HICM/1380 is Radio ABC; Emis. HIAK/1440 is Radio San Isidro; Emis. HIAH/1460 is Radio Maqua; Emis. HIAE/1450 is Radio Cristiana; Emis. HIBC/1450 is Radio Constanza; Emis. HIJP/1490 is Radio Azua (odd that this station has same call letters as Radio Comercial, but may be due both are under same ownership!) Emis. HIBS/1600 is Radio San Pedro. Thus, when sending reports, SWLs/DXers should not write to i.e., Emisora HIAE, but to Radio Cristiana, San Cristobal, Dom. Rep. Otherwise it is possible mail will not reach station.

One other thing: IRCs are of no use in the Dom. Rep. They are neither sold nor honored here!!! (Certain stations have been known to accept them, but for reasons unknown!). 30

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(Our tnx to member Cesar Objio for the foregoing, especially for the report on history making facts re happenings of radio/stations in his country of late, yet also for tips and corrections which will perhaps aid many of us in our quests for QSLs. For added info on radio in the Dominican Republic, see this months ShortWave Center section!)



NEWSROOM



Doug Benson, Editor

49 Washington St., Lakeport, New Hampshire 03246

Knec-deep in that freezy skid stuff and with one hand pounding the typewriter and the other dialing the thermostat, we bow in with yet another Newsroom effort.

Gary Wallin, our man in Iowa, sends a few items of interest:

Comsat to look ahead Com. Satellite Corporation will orbit in late 66, a stationary satellite over the pacific. It'll be another link in their chain of satellites, scheduled for full operation by 1968. Comsat will also provide ground links for the man-on-the-moon program. (via US News & WK)

Philadelphia station creates dream game(Our "Silly of the month") WFL in Philly has created a play-by-play, 2-hour-long baseball game utilizing the nations alltime great baseball players. Seems some wit at the station dreamed up a promotion whereby listeners were to name their favorite alltime players. This done, the info was fed into a computer at Franklin Institute, which in turn created an inning-by-inning, play-by-play account of a fictitious game, using all the players named. The game was dubbed with a local announcer and natural sound effects, and is being syndicated by Triangle Stations. (via Val Adams and the NY Times News Service)

Grizzly grizzly who's got the GrizzlyTwo scientists have reported on effects of a 7 year experiment at Yellowstone Park on the fast-disappearing animals. There are 200 grizzlys in the park but they're rarely seen, unlike the black bears that beg for handouts on the highways. The two men shot the bears with tranquilizer guns, then attached two ounce radio transmitters to the animals which enabled them to track the bears throughout the 3,472 square miles of national Park. Bears were observed breeding, feeding, courting and suckling their young. They note that only about 1,000 grizzlies are left on the continent, although they were plentiful 150 years ago. Needless to say, the scientists carried rifles during their observations, as grizzlies are the only truly dangerous bears, throwbacks to the sabretoothed tiger and woolly mammoth.(NY Times News Service)

VOA outlet in Vietnam bombed by Viet Cong On December 10th, the big 50,000 watt relay outlet of the VOA was attacked by Viet Cong raiders, with one person reported injured in the raid. Americans at the Hue-Phu Bai area, 425 miles Northeast of Saigon, said 14 rounds of 60 mm. mortar fire landed in the installation near the Marine enclave. Press reports do not identify the Marines guarding the station, but presumably they are units of the 3rd Marine Division, possibly of the 1st Marine Regiment stationed at nearby Da Nang Air Base. The station is one of four air-transportable units built for the VOA by a division of Collins Radio Co. in the Dallas suburb of Richardson, Texas. Each station can be erected in less than two weeks anywhere in the world, and comes complete with towers. Several of these portable stations have been used in Liberia and in the Florida keys since being delivered to the Government in late 1961. The lone Vietnamese installation operates on 760 kcs., from 1100-1600 hours GMT, broadcasting across the Gulf of Tonkin to Hanoi and the rest of North Vietnam.(Via ANARC Exec. Sec. Don Jensen via UPI, VOA, Collins Radio and "other sources".) A beautiful job, Don, and our thanks.

Hear Attack Stills Station Radio station WPEN, Philadelphia Penn. was off the air for a few hours the day after Christmas when an engineer collapsed and died at the controls shortly after 11:30 PM. (Joe hadara, Delaware)

Israel to begin classroom TV Thanks to a gift from a banking firm, brand new television sets are going in to 30 schools near Tel Aviv, Israel. The programs will be produced in the Tel Aviv studios on an experimental basis, with eventual government takeover slated for the next few years. (Joe Pela, Newark News)

Space shot with radio "first" The National Aeronautics and Space Administration launched last month from Cape Kennedy Pioneer A (or Pioneer VI, depending on your choice) the first of a new group of Pioneers designed to orbit the Sun. Number VI will orbit the Sun within 40 million miles in the plane of the earth's orbit. It will be the first spacecraft to attempt a radio propagation experiment from deep space. (Bill Eddings via SFL)

New BBC Outlet Opens The new Central African Relay station at Francistown, Bechuanaland formally began operations on December 30. It operates on 4840 and 7295 kcs. with no specific announcements noted so far. (SCDXers) Watch the SV Report for more details...

"Blue Eagle" broadcaster found and identified "The Voice of the Blue Eagle", that mysterious station that kept editors and DXers alike guessing the past few months, has finally been identified. Seems that the Armed Forces (branch questionable) sent up a Globemaster, equipped with transmitting equipment to beam programs into Vietnam. Seems though that DXers learned its source too late, as the Air Force advises that the plane has been called to "another duty" and that broadcasts have been discontinued. We cannot get any further information, but presumably the service is now officially kaput. (Ye Editor, SCDXers, USAF)

Dick Jenneman sends a newswire story on what the Cuban Radio was broadcasting this past Yule season. It seems Radio Havana considered the following musical selections sure-fire Hit Paraders: "Greetings to the cane cutter with our best wishes for a record sugar harvest" and "Greeting in the New Year which will be happier and more prosperous because of your work" (cha cha cha).

Illustrious Pioneer dead Dr. Allen Dulont died at the age of 64. Among his most notable accomplishments the development of the cathode-ray television tube back in the 1930s. (Luyster)

Hot electrons cause high radio waves In Cambridge, Mass., they've produced microwave radio waves of the highest frequency ever reported, some 12 thousand million pulsations every second. To generate it they used a thin crystal of semiconductor used in transistors, then applied a low voltage across it. It converts DC power to microwave power at frequencies as high as 12,000 Mcs. Because microwaves can be aimed more precisely than radio waves of lower freq, the new freqs generated by "hot electrons" offer more promise of a satisfactory transmitter for future spacecraft. The crystal used to convert DC to microwaves would, in theory, replace the vacuum tube.

Flame used to convert sound A flame can be used as an amplifier to produce intense sound... so say scientists at Stanford Research, Menlo Park, Calif. They've used a "pyroacoustic" loudspeaker to amplify sound to a loudness many times that possible with electrodynamic conventional loudspeakers. (Loth Eddings via SFL)

Taint funny McGee Dick Little zips this in, and tho it isn't radio news, I just couldn't resist it: The US is among the last of the world countries still using the old measurement systems: ie, inch, foot, etc while other have long since gone for the Metric system. Were we to adopt the Metric system, a beauty queen for example would have the perfect measurements of 91-66-91 (I dunno, Dick, I've seen a lot of those measurements under the present system) and a 10-gallon hat would become a 38-liter lid.

Warsaw Radio with another (ho hum) contest but this time the prizes are improved. You can get a 10-day expense paid vacation in Poland plus the usual souvenirs, etall. Check them between Feb 1-3 and 15-17 for special contest programs. Correct reception reports will be eligible for the prizes. Lots will be drawn. (Polish Radio)

Merger under consideration If all goes well, the largest communications colossus in the world might be formed soon. American Broadcasting Co. and the International Tel and Tel Corp. have announced their intended merger, subject of course to govt approval and stockholders okays. (Via Ron Luyster & TV Guide)

Oscar salvaged as space shot goes kaput The fourth amateur radio satellite, Oscar 4, was salvaged from the orbital failure of America's Titan 3C rocket and was talking to ground stations at last report. Three other satellites, launched at the same time in the AF "piggy-back" manner, are giving sporadic performance. Oscar is circling the earth in a cigar-shaped orbit instead of the intended high circular route. Nonetheless, it's working. One of the first stations to catch Oscar (sending "hi" in Morse) was Hanover, Germany's DL9AR. Oscar beeps away on a frequency of 431.972 mcs, after picking up radio amateur signals on 144.1 mcs. and relaying them. (Dick Jenneman, UPI) "OSCAR", incidentally, stands for "Orbiting Satellite Communications Amateur Radio" ..

NASA's Poor Business Shoddy AWARD this month goes to those London TV repairmen who are experimenting with a process called de-repairing. When they submit an estimate for fixing a set, they explain that the work has already been done. They note that the work had to be done so that they could find out what was wrong and what the cost would be. (Oh brother..) Should the customer refuse to pay the "estimate", the dealers simply return the set to its original unsatisfactory state. (Dick Jenneman via AP)

Radio man gets job (now there's a catchy headline) Ralph Blumberg, who was (allegedly) forced to sell his radio station in Bogalusa, La., because of (supposed) harrassment by the Ku Klux Klan, will join WCBS in New York as a reporter. He's winner of the 1965 award from the Radio and TV News Directors Assoc. for his stand on racial problems in Bogalusa, which he operated from 1961 to 1965. (Dick Jenneman via an AP dispatch) Parenthetical comments are mine..DB..

A special word of thanks here to Gary Wallin, new Newsroom reporter who seems to have the club spirit well in hand, and to Joe Madara of Delaware, reporting this month for the first time. And did you see Ron Luyster's first effort as SM Editor? Wow. Let me assure you that a column of that size requires weeks of work. A public congratulations to our good friend Ron.. Thanks too to those who've read Headquarters' comments as to the most-supported and most-read section in the bulletin. T'was gratifying to note that the Newsroom ranked high, and many new reporters have avowed "increased support".. In the words of Charlie Weaver "Them's my kind of people, liama".. Good news to all.
Doug

The AMARC Reporte To Membership
Frank Peters, Doug Lenson
KASA Representatives

Before we get into the usual news this month, let's answer some of the questions submitted by MASAs to your representatives. These questions represent a cross-section of the usual queries asked, and are not to be construed as literal excerpts...

Q. Can I get a copy of the AMARC Newsletter?

A. Unfortunately no. The Newsletter circulation is limited to the Representatives of clubs involved, and in some cases to editors of shortwave bulletins. They are intended only as a means of mass communication between AMARC HQ and the widespread affiliation of representatives.

Q. You mention many projects "in the works" but I see few evidences of solid accomplishment on the part of AMARC. Can you actually list factual accomplishments?

A. Yes, although it's rather hard to define factual accomplishment. It isn't something you can buy at the drugstore, you know. To the best of knowledge, AMARC has completed the following;

1. Set up a courtesy program for SWLs with a foreign sw broadcaster
2. Instituted a general information list for all prospective club members, detailing the activities of all member clubs
3. Been a major factor in the design and manufacture of at least one new piece of vitally-needed commercial DXing equipment
4. Been a major factor in the adaptation of at least three stations to the listener's specific needs and desires
5. Succeeded in the one most vital endeavor; recognition and respect of the major shortwave clubs, broadcasters and hobbyists, which in itself is enough accomplishment to justify existance!

Q. Don't you often detect animosities between club representatives?

A. As far as we are concerned, an honest "no."

Q. If the bigger clubs such as ITRC (3 votes) get together in a "bloc vote", aren't the smaller clubs usually voted down on specific topics?

A. Well, first of all, there aren't that many clubs with three votes simply because there aren't that many "bigger" clubs. The majority have two votes, as does KASA, and a few have only one. Then, club representatives are under no pressure to vote as a bloc. Even were the votes to turn out that way, we would assume them to represent the majority of the DXers opinions simply because some clubs are bigger and represent more DXers. This is the importance of what we have been stressing in these columns...your single participation.

Q. Who is the AMARC Executive Secretary, how long does he serve, and where can I reach him? What club does he belong to?

A. Don Jensen, 1832 Ridge Drive, Racine Wisconsin. His current term expires in October 1966 on which date a new Executive Secretary will be chosen. Don is, simply coincidentally, on the Board of Directors of KASA, but he is an active member in other clubs as well.

Quickly covering AMARC news this month: Thomas Guglielmi of Chicago is drafting a letter to be sent some of the stations with poor verie policies; with hopes of encouraging them to modify their policies.. ACRC has officially disbanded, now transferring their memberships to J. Howard's "SWL News" magazine in which former editor Dick Wood will handle the International DX column...WIDXA officially a member.



N
A
S
A

SHORTWAVE CENTER



Ronald Luyster, Editor

Route 1, Flushing, Ohio 43977

.....
ALL TIMES GMT

SWBC

DEADLINE 15th
.....

Time has flown and here we are back for our second go at the section. I want to express my thanks to all those who have been reporting and sending along their best wishes; They are indeed appreciated.

As will be noticed, Shortwave Center is now equipped with a new typewriter. This machine is going to make it easier to put the section together and may allow added material to be included, thanks to the smaller size type. Might even assist me in typing faster than my current three words per minute. Hi!

Last month I asked for criticism and suggestions as to the format we will follow in this part of the bulletin, and although a few were received, most of you deemed it best to remain silent. Remember, this is your section!!! So let me hear from you. Included in the things I would like to know are: Which do majority of you prefer, listing of reports/loggings by time, as we are presently doing, or would you like them by country? What info do you want to see in the utility column, if any? These are the two matters I would like to have your thoughts on; meantime we will go on using present format.

A reminder at this time that you can do your part in making the section easier to prepare by submitting your reports/etc neatly written or typed...and if possible, arranged by times..starting with 0000 to 2300GMT. Too, report forms are available for your use in sending reports here and can be obtained simply by requesting same and enclosing SASE. Using these forms will make reporting easier for you and will simplify work at this end. Send your requests to above address.

Again this month the SWBC Scoreboard will be missing as will installment of the series "Understanding What You Hear"...this is due QRI in form of illness in the family here. We are in hopes all will be squared away by next month...meanwhile your understanding will be appreciated. I might mention there have been many changes in the scoreboard of late as new totals roll in.

As we go to press, news of two political uprisings in Africa, possibly having effect on two shortwave outlets, comes to our attention; A military regime has taken power in Nigeria....and a coup d'etat reportedly took place in the Central African Republic where Radio Bangui was seized by a military regime. This leads us to bring out the fact that many times SWLs/DXers, should they perchance be tuned to a certain station at opportuned time, will get news first-hand, direct as it happens...even before newspapers and/or other news media. So be alert...take a tip...tune the SWBC bands and monitor the various stations in the "trouble spots" around the world...it could be you'll be the first to hear history in the making. Then when it is covered in your daily newspaper, you can boast of having "scooped" it. And didja ever think of recording such "scoops", then calling your local radio station or newspaper and letting them hear the tape? Chances are your report will outdo even the newswires!

And so enough from here; Now to the reports and items from you, our star reporters.

"BLUE EAGLE" BITS

ABC-TV News, on 1/9, showed pictures of a US Air Force plane called "Blue Eagle". It is equipped to send out AM-FM-SW-TV signals and is said to now be in use over South Vietnam. (Sam Rowell) A Navy Super-Constellation flying over Saigon was to begin beaming two VHF TV channels as of 1/21. One channel was to be operated by AFRTS and the other by the South Vietnamese government...according to article in "TV Guide". It would then seem logical that the "Voice of the Blue Eagle" as reported being heard a month or so back was tests and/or experiments. Ed.

CLANDESTINE OR A HOAX????

Recently a reporter, who shall remain unnamed, sent Hank Bennett/WNRC a "scoop" on a station supposedly IDing as "Radio Electra" which was, according to the reporter, on 2331 and 4661kcs and scheduled 2300-0300 daily, 1700-0700 Friday to Saturday, 2000-0500 Saturday to Sunday. Call letters were given as 9VK7. This station was unheard of previously and Hank was unsure of submitted data. Matter of fact he was dubious and even made it known he smelled a hoax. But the reporter stoodfast his info.

NASA decided to look into the matter as both a cooperative measure and as special project; We called upon no less than eight of our reliable SWBC DXers, each located in parts of the US and areas where reception of the station would/should be most likely heard. (The station was/is supposed to be in Antigua, Leeward Islands!) Our monitors in southeastern states, South America and Haiti, all reported hearing nothing at all over a period of two weeks!!! That is nothing that would tie in with the "Radio Electra" station....9VK7.

Now this is very peculiar, to say the least...and it certainly substantiates Hank thinking in terms of hoax. If this station does exist, it must have been on only for a short time, and is not currently following reported sked. Or could it be that the reporter was hearing freak harmonics? (There is a "pirate" Radio Electra" or some such over in Europe operating on 1W!)

Time being however, all facts/evidences point to this station, the report, being a "nothing" but hoax. Thus we wonder why an Off, any Off, would perpetrate such. WHY?

This isnt the first time such has happened, unfortunately there have been other hoaxes in past. Today the names of those responsible are no longer spoken in the DX ranks! Their names are not on any club roster! What "limelight" they had, has long faded and flickered out completely!

The reporter in point, as well as those referred to of past, are/were not members of NASA, yet they were/are fellow hobbyists/DXers. What he/they do reflects on all of us! Too, it reflects on our hobby. Not a happy thought, is it?

For the present NASA will not name the reporter involved, nor will we outrightly pass unrighteous judgement; Rather we would like to see him come up with factual proof of his report or have him be man enough to admit wrongdoing.

Our reason for mentioning this??? Simply to forewarn any NASA member who may have reason to entertain hoax ideas futurewise...and too...to give thanks to each and all members for not having "blackened" our name with such to the present.

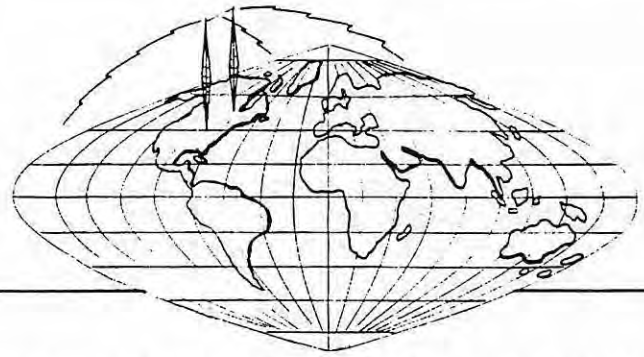
Finally...should any of you have occasion to dial the above freqs at/during given times...and should you hear anything....by all means let us know. But do be positive of what you hear/report! To make this section "worldly" we must first make it worthy; By doing so, we build a better club...make a more rewarding hobby!

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To whom it may concern;

There is something that has been bothering me and puzzling me for sometime and I wonder if someday something will be done about it.

I have been SWLing for only about 4 years, but even during this length of time, I have become aware of the greatly increasing congestion on the International Broadcast bands. I have heard that during the past 10 years, the number of radio receivers w/SW bands has doubled, and in some comparatively undeveloped countries that can benefit most by broadcasting, the number of receivers is doubling almost every year. And, the number of xmsn hours of broadcast stations has at least tripled, possibly even quadrupled! It has gotten to the point that the average SWL with a receiver of only fair selectivity can get pretty well discouraged trying to tune in any but the most powerful stations because of the severe crowding of the International BOBs.

I am past middle-age and firmly believe that, through SWLing, I have learned more about this world of ours, its peoples, geography, economics, politics, the sciences, arts and religion...than I learned in highschool and college. Is there a better method of promoting understanding of our neighbors throughout the world, including those behind the bamboo and/or iron curtains...and working towards world peace...than through International broadcasting?

Yet, if you look at the dial of the average general coverage SW receiver, you will find that only approximately one-tenth of the spectrum is allocated the IBC bands! Now why is this??? How can this be justified???

I have a spectrum chart and often spend considerable time exploring the freqs between (outside!) the IBCs; I find very little activity except for marine, aeronautical and ARO in this vast segment of the spectrum.

I can appreciate that everybody who uses radio communications for business or pleasure has his own interests, but is there any other type of broadcasting that has the merits and the need for greater space on the radio spectrum than IBCing?

Even in the IBC bands there seems to be excessive usage by certain countries. Is it necessary for one to broadcast/transmit on seven freqs, on one band, during the prime listening hours? And, is it necessary for another country to transmit on over a dozen different freqs at certain time(s)??

Is there any possibility that something could be done about expanding the width of the present IBC bands, or possibly creating new ones? Think of the hundreds/millions of peoples who would perhaps benefit by this! Consider the possibilities of creating peace and goodwill throughout the world and how greatly enhanced would be the hobby of the thousands of SWLs and DXers!

Of course the money-eyed and influential factions would selfishly fight the increase of new allocations, but perhaps, if enough common, ordinary, everyday people would speak out for this cause, the vast majority of users operating in the IBC bands would benefit. Its something to think about, eh?

Todd Graves Jr.
218 Gifford Street
Syracuse, New York 13202

P.S. This letter expressed my thoughts and convictions as an SWL hobbyist and has no relation to the fact that I am the author and publisher of the SWL Program Guide!

NEW!!

NEW!!

DIFFERENT!!!

DIFFERENT!!!



Along the lines of a semi-educative, rather than fun type contest, NASA announces the
"RECEPTION REPORT REENCOUNTER"

Open to any/all the members of NASA who are interested in SWBC, this new idea of a competition requires no long hours of listening/DXing, no need for keeping a log. All it necessitates is that the entrants have a sincere interest in reporting to SWBC stations of the world. Novices have equal opportunity as do oldtimers!

Most SWBCers, at one/sometime or another, send reports to stations, mainly for quests re QSL's, so herein formulates the purpose of this contest. Entrants are to submit a copy of a/any reception report they have or plan to send to an SWBC station. The copy should be a carbon or duplicate of the original/factual report sent the station. It may be hand-written, printed or typed. Form used may be either one of the various and assorted available to DXers from clubs or commercial sources, or may be homebrew or original. However, the homebrew/original reports will be given first/most consideration in selecting winners.

The copy you enter may be one that brought you a QSL, or one that has not; It can be one yet unanswered by the station to which sent. Whether or not the report has been confirmed/QSL'd is of no consequence sofaras the contest is concerned!!!

The contest has a twofold purpose; 1. To give NASA SWBCers opportunity to promote thier phase of the hobby and perhaps win prizes. 2. To help aid their phase of the hobby by stimulating better report writing.

If a letter accompanied the report, submit the letter*along with the report when you enter the contest.(*copy) This may help determine winner!

Prizes have not yet been definately decided upon, but most likely will include such as copies of latest WRTM, also uptodate editions of certain World Publications.

One point that are entrants are to be aware of is that upon entering, all give NASA the right to possibly use them in future Friendx...in series or articles.

Rules are brief/simple; Submit your report(and accompanying letter, if any). Mail to Donald Jensen, 1832 Ridge Drive, Racine, Wisconsin 53406. Deadline is March 31st.

All entries will be mainly judged on originality, contents and aptness of thought!!!

Though we call this a contest, it can also be classified as a project in that reason/purpose is hopeful, in ways, it can/will benefit SWBCing enthusiasts in future. With this amind, we would like to see many entrants...if not for competitive spirit, then for cooperative. All interested members here have opportunity to assist NASA as well as thensevles, fellow-SWBCers and their phase of DXing. Let's make this a worthy competition! Get your entry in the mail today!!! Mail to above given address.

Deadline...March 31st!

Deadline...March 31st!

"UNITY and FRIENDSHIP!!!"

????? UNIDENTIFIED STATIONS ?????

- 7430A Xmtr hrd here few days in late December relaying MW station WTIC, Hartford, Connecticut. Hrd one day 1430-1610A intermittently w/sigs of 20 db over S9, but very "muddy" modulation. Sounded like someone with mike set by radio as background QRN, including once a woman screaming apparently at a child with words: "Get out of there, I'm going to whip you!", could be heard. Heard another day with same WTIC relaying around 1650-1700 & later at 1830-1845 with signals strong as 60 db over S9, but still poor modulation. Anyone have ideas as to who/what I heard? (Your editor)
- 6080A Station announcing frequently as "La Voz de Libertad" in Portuguese. YL & OM talking, with music. Once heard mention of "emissora revolucionario". Hrd 0022-0100 s/off. Location? (Field) SCDXers says this is a "quasi-clandestine" xmsn hrd twice weekly on Sundays & Thursdays at 0015-0100, using Radio Algiers xmtrs on 575, 890, & 1304 MW and 6080, 6175, 9635, & 11835 on shortwave. Announces address as: F.P.L.N., 3 Rue Auber, Alger, Algeria. Suppose is directed to Portuguese Africa. (Ed.)
- 4780 Unidentified in African language w/chants & talk at 2100, not Arabic. Possibly Djibouti, Fr. Somaliland in extended schedule during Ramadan. (Peters)
- 7175 Possibly Rhodesia hrd at 0601 in unid. language, possibly Amharic(?). Much QRM. Also hrd at 0630 in Afrikaans & French. (Douglas) Sounds more like RTV Congolaise, Brazzaville than Rhodesia. (Ed.)
- 3321 Station IDing as "Costa Rica Norte" several times around 0105, playing Spanish music & someone talking on telephone. (Douglas)
- 4433 Station seemingly IDing as "Radio San Fe Unis" at 0728 in unid. language. Man talking 0730-0800, then YL announcer. (Douglas)
- 4310 Unid. Ecuadorian station hrd here 0345-0512 s/off w/musical programs like ordinarily hrd from Ecuador. (Field)
- 4795 Another Ecuadorian hrd 0250-0500 s/off w/ mx program, drama, news at 0325. (Field) This is most likely HCLV4, La Voz de los Cerros, Bahia de Caraquez, which is currently being heard from time to time. (Ed.)
- 4755 Someone here w/pop songs at 1521-1535 fadeout. Seemed to be YL announcer, in English but too weak to be sure. (Fansler)
- 4910 Dominican station IDing as "HIL" at 0422-0425 s/off w/anthem. (Douglas) R. HIN, Santo Domingo relaying station HIL, La Voz del Tropico?? (Ed.)
- 11915 Station hrd w/Arabic chants & talk at 1500. QRMed at 1550. Thailand? (Douglas) More likely Radio Cairo. No record of Arabic in Thai sked. (Ed.)
- 9670 Possibly VTFVN, Saigon here at 1132 in unid. language w/"Vietnam" mentioned often. Much QRM. (Douglas)
- 5935A Station giving long list of radio stations from 0435-0455, then organ mx IS and 6 time blips at 0500. ID sounded like "Voz de Iz-brum". (Douglas)

Anyone able to help out with identification of these is requested to contact the Shortwave Center editor or the individual who heard the station. Thanks!



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CLANDESTINE: A correction to the correction needed. Somehow two of the letters in the name of the Basque clandestine station were transposed last issue. It should correctly read: Radio Euzkadi. (Don Jensen)
ALBANIA: Radio Tirana tuned briefly on 12/2 on 11745A from 0045-0055 s/off in Albanian. Seemed same type of program that comes via Peking xmtr on 9470 at 0030-0055. (Sam Rowell)
MOZAMBIQUE: R. Clube Mozambique now heard again in Portuguese on 15295 from about 1800 to fadeout at 2000. (Sam Rowell) Now hrd early as 1700, 1/10.

NIGERIA: Voice of Nigeria held test xmsn on 12/21 from 2210-2305, announcing freq.s of 7275, 9690, 11915 and 15255. Program consisted only of drum beats and frequent announcements of test and freq.s. Requested reports for at least 2 freq.s for a QSL. Reports were to be sent to Chief Engineer, Nigerian Broadcasting Corp., Central Engineering Unit, Lagos, Nigeria. On WCNA, 7275 was strong, 9690 fair. Other two not heard. (Sam Rowell) Heard here also on 7275 kcs. with excellent sigs. (Ed.)

VENEZUELA: A Venezuelan medium wave station recently has been mentioning what is apparently a new shortwave outlet: YVMZ, R. Calendario, Maracaibo, Zulia on 9530 kcs at 0100. (Victor Jaar)

ECUADOR: What is most likely Radio Iris, Esmeraldas, Ecuador is being noted on new 3374 (Varies) to s/off at 0455-0500. At close has ID in Spanish and English asking for reports to P.O. Box 1563, Esmeraldas. Fair to good strength. ID is not completely positive. (Gerry Dexter) WRTH'66 lists this outlet as only 0.25 kw. (Ed.)

JORDAN: Amman, Jordan now has commercials! Announces broadcasts as from Amman and Jerusalem. Signal not weak but now strong per 100 kw. (New xmtr?) ECNA DXers might try to hear them at 0330 s/on on 11810 kcs. or if Bucharest QRMs, try at 0400 or 0500. (Victor Jaar)

CLANDESTINE: The same clandestine station mentioned above, Radio Euzkadi, La Voz de la Resistencia Vasca has been heard on a frequency of 11290 kcs. (A) around 2100, when they are heard signing off. Then are heard back on this freq. at 2200. Have also been heard at varied times which indicates no definite sked. (Jerry Headen)

MARTINIQUE: The outlet on 3315 hrd at 1015 s/on with the French national anthem & ID of "Ici Fort de France", has strong signals daily. Listed as 4 kw. in WRTH but must have increased power. Reports are that ORTF would increase power of all relay stations considerably. Has all French ORTF news relay at 1030. (August Balbi)

RWANDA: Kigali relay of Deutsche Welle on 15380 currently, formerly 11770. Now hrd from 2000-2255. Former s/on was at 2110 in German. Outlet on 17805 best after VOA signs off on 17800. Extended sked of Kigali: 2000-2255 since 12/24. (August Balbi) ..D.Welle, Kigali, 15380, features a monthly DX session at 2230 on Mondays. The program is in Eng. & German and runs 2230-2240, and includes a propagation forecast. Sunspot counts given: Feb.-22, March-23. Next DX session sked for Febr. 14. (Balbi)

EGYPT: Radio Cairo in letter sent with QSL for N.A. tests says they are planning a daily broadcast to North America in English but no further details. Sked for Europe recieved 1/10 but nothing mentioned about N.American xmsn. (August Balbi)

IRAN: R.Iran, as of 1/8 on 11718 heard weakly at 1730 in Russian, 1800 Turkish, 1850-1930 Arabic, 1930 French, 2000-2030 English, 2030-2130 Persian. ID between programs is notes on a Persian tar, which sounds like "clunk, clunk, clunk". Best time for reception is around 1930 to about 2100. (Sam Rowell)

KOREA: On 1/9 noticed that VOFK's Chinese xmsn 2200-2230 also jammed. (Sam Rowell)

SOMALIA: R.Mogadiscio is weak in NW USA, but can be ID'ed. Is only about 7 kc. above Prague, 7115. Music featured is similar to Ethiopian type. English was heard 0316-0327, then into what is probably Somali after 0330. (Sam Rowell)

AUSTRIA: Austrian Radio tests to N.America daily on 9770 from 2200-0200 with 50 kw. This xmsn is well hrd. They also use 6155 from 2300-0430 & 9770 from 0200-0400. During the latter two xmsns, they vary the power between 1 & 50 kw. sometimes. This info is from their sked & not monitoring. (George Zeller)

SOUTH AFRICA: There is a new frequency for R. South Africa's English program on 60 m. It is 4875, and is now being heard at 0430 s/on, a fairly clear spot at that hour. (William Sparks)

CHILE: Either a station on a new frequency or a new station is being heard on about 9572 kcs with the ID of "Radio Portales" and QTH of Santiago. Has been heard with excellent strength until 0530 s/off. The question unanswered is whether this is the same as the station listed in WRTH as Diego Portales on 6020. (William Sparks)

WRTH'66 lists Diego Portales as on 9560, 1 kw. No mention of 6020 freq. now. (Ed.)

HONDURAS: A fairly new station heard for the first time on 1/10 at 0310-0334 s/off is HRVC. The call letters are used in the ID as well as the name of the missionary group which operates the station, "Asoc. Misionera Bautista". The station is located at Tegucigalpa. Program material heard was in English, but the ID and s/off announcements were all in Spanish. Frequency is 4820. (William Sparks)

SPANISH GUINEA: A program schedule included with a QSL from Santa Isabel lists the schedule for 6250 kcs. as 0700-2300 with 5 kw. power. (William Sparks)

LATE TIPS

COLUMBIA: Radio Nacional de Colombia has moved from 4995 to 4960. (Cesar Objio)

VENEZUELA: Radio Cultura/YVKD is now on SW again after a long silence. Freq is 5055 instead of former 5057. (Cesar Objio)

CHINA: Here are some freqs currently used by Radio Peking and hrd WCMA; 6955, 6995, 7005, 7035, 7058, 7115, 7190, 7315, 7335, 7370, 7440, 7450, 7480, 7504 (August Balbi)

USA: Radio NYFW/WRUL announces following freqs expected to be used for Eng language broadcasts beginning March 7th: To Europe 1200-1555 on 17845, 1600-2045 on 17755, 2100-2400 on 11970, 140-2145 on 15440. To Africa 1500-1555 on 17730, 1600-2145 on 17755, Sat & Sun 1200-1455 on 17730. To Latin America 1200-2400 on 15440, 1500-1555 on 17845, 1600-2200 on 17840, Sat & Sun 1200-1555 on 17840. "DXing Worldwide" prog will be aired twice each Sat at 1300 on 17845, 11960 and 15440; also at 2130 on 11970, 15440, 17755 and 17845. (Direct de WRUL)1/26.

ACTIVE DOMINICAN REP. SW STATIONS

submitted by Cesar Objio

3245	HIAF	Radio Monte Cristi	3355	HIBD	La Voz de La Romana
3375	HIAJ	Radio San Juan	3385	HIDA	Radio Hit Musical
4880	HIJP	Radio Comercial	5030	HIBB	La Voz del Papagayo
6060	HIAZ	Radio Santiago	6075	HIDB	Radio Libertad

(This is not offered as only/complete list of active DR stations operating shortwave!)
(See Hdq sections for other info/data on Dominican Republic radio per NASAs Cesar Objio)

EXTRA XMSN T. MEET SPCL REQUEST!

Radio Denmark is considering the reintroduction of its Far East broadcast on old freq of 9520. It would be aired on Saturdays only at 1015-1100GMT as part of program called "Shortwaving to the World". Listeners are asked to tune in at time and on freq given to ascertain whether or not this has been accomplished. (This extra xmsn seemingly has been requested by listeners in Britain. Ed.)

STAMP COLLECTING DXERS

Radio stations and clubs thereof are more and more becoming aware of listeners and/or members being interested in philately. Radio Sweden recently started program for such and now the Radio Portugal DX Club plans similar. Others are sure to follow.

I.F.R.B. (conclusion).... "Because the proposed rearrangement could be advantageous only if all the administrations adopted the modified carrier spacing, the IFRB came to the conclusion that, for the present, the suggested rearrangement should not be put into effect and that the seasonal broadcasting schedules should continue to be drawn up as hitherto." (Per European Broadcasting Union bulletin, via NASA Hdq.)

.....Only one new QSL card: VOA-Okinawa in 10 days. Many reports out but no replies yet. (Fleury, New York)

.....Lates QSL's here are: R.Baghdad after 3 weeks; VLX9, Perth after 2 $\frac{1}{2}$ days, R.Moscow after 32 days; Winward Is. B/C Svc. after 2 $\frac{3}{4}$ months. (DeHart, Penna.)

.....Have recieved some nice QSL cards from: R.Prague, R.Australia, R.Moscow, R.Kiev, R.Nederland, R.Sofia, TWR, Bonaire, RTF-Paris, VOA-Greenville, R.Peking, SBC,Berne, BBC-London, Vatican Radio, D.Welle-Koln, R.Portugal and Rumanian Radio. Calendar from R.Japan. (Lyon, Penna.)

.....Only two new QSL's this month: R.Mozambique (3215)-card in 20 days; D.Welle Kigali Relay (17805)-card in 4 weeks. (Fansler, Illinois)

.....QSL's this month: Austrien Radio (9770)-card by air in 18 days ("They are hungry for reports"); R.Bucharest (6150)-card by air in 55 days;("Must be underground airmail"); Athinai Radio (9206) utility by letter with technical data, by air in 48 days. (Zeller, Ohio)

.....Three new QSL's this month are: East Africa Ext. Telecommunications Co. Ltd., Nairobi, Kenya (10730) utility-a letter; R.Santa Isabel, Fernando Poo, Sp. Guinea (6250)-a card & letter & R.Mogadiscio, Somalia (7120)-a letter. (Sparks, Calif.)

.....Only one QSL to report: R.Tirana (7265). QSLed with card in 8 weeks. Card had all information. (Fredricks, Oregon)

.....QSL's recieved: cards from D.Welle relay, Rwanda in 35 days; R.Japan in 29 days; also calendar; R.Tirana in 57 days; WRUL, pennant in 9 days. (Stevens, Penna.)

.....Latest QSL's in here: Iraq (6095) in 21 days; British Honduras (3300) in 25 days; VLX9, Perth (9610) in 16 days. All cards. (Coulouras, Mass.)

.....Four QSL's have recently come in: R.Damascus after about 8 weeks; TWR after about 6 weeks; and R.Ankara after about 40 weeks, following follow-up report.

(Headen, North Carolina)

.....Five QSL's recieved this month: HCJB, Ecuador in 4 weeks; Vatican Radio-card in 5 weeks; R.Prague-card & info in 6 weeks; & D.Welle, card in 3 weeks. (Fitzpatrick, Mo.)

.....QSL's recieved this past month: VLX9, Perth-card after 21 days; VOA-Greenville & VOA-England-cards in 7 days; VOA-Monrovia-(7265)-card in 6 days; VOA-Tangier (9740)-card in 5 days; R.Brazzaville-card after 25 days; R.Malayasia-letter in 14 days; R.Nederland (Benelux DX Club)-Bonaire-card after 2 months; Polish Radio-card & letter after 1 $\frac{1}{2}$ mo.; R.Senegal-card in French after 13 days; R.S.Africa-card and newspaper after 3 months; R.Peking-QSL card & 2 color magazines after 3 months. Recieved a reed flute from HCJB, Ecuador for reporting to them during their "letter month". (Hosmer, Indiana)

.....Got two QSL's this month: R.Mogadiscio, Somalia sent letter & sked in 14 days and R.Bucharest sent card in 1 $\frac{1}{2}$ months. (Douglas, Texas)

.....Three QSL's for January: R.Havana (6135)-card in 1 month, 5 days; RAI, Italy (9570)-card in 1 month, 8 days; R,Nederland (9590) card & info in 1 month, 15 days.

(Thompson, Illinois.)

-30-



International Frequency Registration Board.....A circular letter was sent by the I.R.R.B. on 25th May, 1965 to the administrations asking their views as to the possibility of using 10-kcs channels in the SWBC bands. This inquiry rose out of the draft reccomendation prepared by C.C.I.R. Study Group X at the interim meeting in Vienna, according to which the mutual interference between two AM xmtrs would be 10-db higher when they used the same freq. than with the 5-kcs spacing between carriers adopted for SW freq. assignments. On 27th August, '65, the I.F.R.B. sent a second circular letter to the administrations informing them of the earlier replies to that inquiry, namely that 38 had been in favor of the adoption of 10 kcs channels, 15 would accept the proposal only with certain reservations and 5 were defigetyly against the proposition. It happens that the Adm.'s which are against the adoption or which would accept it only with reservations are using a large number of frequencies, many of them being spaced at 5 kcs from the centre freq.'s of the 10 kcs channels.(cont.)

LOGGINGS -  - REPORTS

All GMT

All GMT

- 0000 7265 R.Tirana w/Eng. to N.America 0000-0030. (Primm) (Gerran) (Hosmer) (Parker) & (Fansler)
 3365 YVPM, A.Tovar, Tovar, Venezuela hrd 0057-0134 w/LA & US mx & ads. (Dexter)
 11780 R.Japan, Tokyo noted 0045-0100 s/off in NA Svc. //15135. (Douglas) (Boik)
 11840A R.Peking at 0030 w/Sp. xmsn to Latin America. (Douglas)
 11800 R.N. de Espana, Canary Islands noted at 0014 s/on in Sp. & mx. (Douglas)
 9833 R.Budapest w/s-on & news in Hungarian. (Douglas)
 9770 R.Vienna, Austria hrd w/mx & ID in 3 lang.'s. Announced //6155. (Fansler) 0030 (Boik)
 6070 R.Sofia, Bulgaria in Eng. w/nx & commentary. (Brhel) (Fredricks)
 9690 RAE, Buenos Aires hrd w/Eng. to North America. (Nelson) (Noznick)
 9695 R.Rio Mar, Manaus, Brazil w/Portuguese & mx, few ID's. (Nelson)
 9620 TWR, Bonaire hrd w/s-on at 0035 in Eng. French at 0100-0125 s/off. (Balbi)
 5955 R.Cultural, Guatemala hrd 0001 w/Spanish & music. (Rowell)
 6080 CFKX, Vancouver, B.C., Canada at 0045 w/mx, weather & ads. (Rowell)
 6115 R.Union, Lima, Peru hrd often 0000-0600 w/music & nx. (Field) WRTH'66 lists R.Union on 6050. Is this a freq. change? (Ed.) See 0500.
 4875A Guatemalan station here 12/26 at 0000-0100 s/off w/religious mx and possible ID of "Radio Santa Fe". (Field) SCDXers reported that a Radio Santa Cruz opened a new channel of 4872.3 for Christmas. This is very possibly your station. (Ed.)
 6000 R.Americas, Swan Island (or wherever (Ed.) noted with regular Spanish programs. (Zeller)
 14520 R.Pyongyang, N.Korea //11750 hrd w/s-on 0000 in Korean, then Spanish at 0100. (Rowell)
 7310 R.Kiev, Ukrainian SSR at 0050-0100 w/talk on USSR. (Boik)
 5985 Vatican Radio hrd w/Catholic nx, 0055-0105 s/off. (Boik)
 3280 WJBS, Grenada hrd //2420 in English. (Jenneman) (Douglas)
 11740 R.Nuevo Mundo, Santiago, Chile w/prog. "Tecnico" about autos in Spanish. (Objio)
 11960 R.Nac. de Minería, Santiago, Chile w/songs by Edith Piaf in French, ads in Spanish at 0030. (Objio)
 11870 LR4, R.Splendid, Buenos Aires hrd w/Sp. nx & tangos at 0035. (Objio)
 9645 R.Warsaw, Poland hrd at 0000 s/off w/Spanish news. (Objio)
 11850 R.Teleco, Asuncion, Paraguay hrd 0010-0100 w/orchestral mx by Mantovani & Spanish. (Objio)
 11710 All-India Radio hrd with talks in Tamil. (Objio)
 9720 R.Senegal hrd with French s/off at 0000. (Hosmer)
 6180 La Voz de Guatemala hrd 0012 w/Spanish ID and QTH. (Douglas) This outlet was sked to be upped to 10 kw. according to WRTH'66. (Ed.)
 6110 BBC, London hrd w/Eng. to West Indies & S.America at 0025. (Douglas)
- 0100 3375 R.San Juan, San Juan de la Maguana, Dom.Republic noted back on air on 12/4. Heard daily. (Jear)
 9635 E.Nacional, Lishon hrd w/"La Voz de Occidente", Spanish to L.America //11840 at 0145 s/off. (Jear)
 9590 R.Nederland, Bonaire w/N.American xmsn at 0130. (Gerran) (Zucchi) (Parker) & (Hosmer).
 5990 Radio Sweden, Stockholm w/English news at 0150. (Gerran)

0100 7345 R.Prague hrd w/native mx at 0145 in NA Svc.(Templeton) //7115 and also at 0330-0425.(Rowell) (Parker)
 6234 R.Budapest hrd w/nx at 0150 in N.American Svc. (Templeton) (Parker) Also at 0110 w/Spanish to Latin America. (Zucchi)
 6135 R.Havana hrd w/mx at 0153.(Templeton) Hrd on 6170. (Balbi)
 11945 R.Peking w/N.American Svc. in Eng. //11840.(Douglas)(DeHart) Now on new 9480 to E. North America. (Balbi)
 9700 CE970, Chile hrd 0113 w/Sp. music, ID & news at 0130. (Douglas)
 5985 Vatican Radio hrd w/English s-off at 0110. (Fansler) //7250 (Boik)
 4955 R.Nacional, Bogota, Colombia hrd w/ID & s-off at 6104. (Noznick)
 6120 SBC, Berne w/"Swiss SW Merry-go-round" at 0145.(Noznick)(Boik) Also on 9535. (Parker) (Hosmer).
 4895 PTF, Martinique hrd w/musical program. (Field)
 4805 ZYSS, Radif. do Amazonas, Manaus, Brazil hrd 0134-0200 w/drama.(Field)
 3365 YVPM, R.Tovar, Venezuela hrd until 0206 s/off w/pop mx. (Sparks)
 4945 R.South Africa hrd w/Commercial Svc. at 0145. (Fredricks)
 4843 RTV Congolaise, Brazzaville hrd w/IS & French s-on at 0430. (Fredricks) (Sorry, this logging is out of place. Ed.)
 5955 TGNA, Guatemala City hrd w/Eng. religious mx 0040-0125. (Boik)
 6010 RAI, Rome to N. America in Eng., 0100-0120. (Boik) //9630. (Parker)
 6075 D.Welle, Koln w/news, mx & features in Eng. to N.A., 0135-0230. (Boik)
 6130 R.N.E., Madrid hrd w/English to N. America at 0100-0200. (Boik)
 5970 R.Berlin International heard with English news. (Parker)
 3280 WIBS, Grenada hrd //2420 till 0215 s/off in English. (Jenneman)
 9770 Austrian Radio noted w/ID's in German, French, Eng. & Spanish, then chamber music. (Objio)
 9505 R.Belgrade, Yugoslavia logged at 0100 s-on with Spanish nx. (Objio)

0200 4770 R.Genit, Portoviejo, Ecuador hrd 0200-0230 w/nx & ID. (Jaar)
 7135 R.Moscow hrd w/nx & commentary.(DeHart) //7185. (Templeton)
 6135 R.Havana hrd w/"Our Youth" program 0245. (DeHart)//6170 at 0230. (Hartman) (Parker) (Hosmer)
 5010 YVEW, R.Bocono, Venezuela heard to 0207 s/off. (Dexter)
 11805 R.Globo, Rio, Brazil hrd 0257-0300 s/off w/music & Portuguese. Heard here daily. (Douglas)
 7255 R.Sofia, Bulgaria heard with Spanish xmsn. (Verner)
 9710 R.Beirut, Lebanon hrd w/Eng. at 0230-0255 to N.America. (Zucchi)(Brhel) (Sparks) & (Coulouras)
 3280 WIBS, Grenada hrd w/BBC news relay to 0205 s/off. (Balbi)
 6025 R.Portugal noted with s/on & news to E. North America. (Noznick)
 5970 CBC, Montreal noted at 0230 with English s/off. (Douglas)
 3305 YVKX, La Voz de la Patria, Caracas, Venezuela hrd 0221-0258 s/off with L.American music. (Sparks)
 6130 R.N.E., Madrid hrd 0200-0230 with news & mx. (Boik) (Parker)
 6185 R.Portugal, Lisbon hrd w/nx et 0200, Portuguese mx 0215-0240. (Boik)
 7130 BBC, London heard with light music, 0230-0300. (Boik)
 15165.1 TWR, Bonaire hrd w/religious mx, announcement in unid. lang. at 0225 s/off. (Stevens) Believe correct freq. is 15170. (Ed.)
 6120 SBC, Switzerland hrd w/Eng. mx to 0215, then Swiss German. (Jenneman)
 6050 HCJB, Ecuador hrd 0215 on 12/31 w/Spanish radio & TV program celebrating station's 24th anniversary, with local personalities. (Objio)
 9740 VOA, Tangier hrd w/English s/on. Much QRM de HCJB. (Hosmer)
 15125A R.Sociedad da Bahia, Salvador, Brazil is apparently now again active on this freq.,//11875. Hrd 0225-0230 s/off w/Port.& Eng. ID. (Luyster)
 9590 R.Nederland, Bonaire relay hrd w/news & music at 0250. (Templeton) The relaying of R.Nederland to N.America is 0130-0445 only. (Balbi)

- 0300 4750 R.El Mundo, Guayaquil, Ecuador hrd w/mx, ads, freq. & ID. Weak under CW QRM. (Jaar)
- 5010 R. Eco, Iquitos, Peru noted 0300-0500 on weekends. Weak here. (Jaar)
- 6090 R.E, Buenos Aires hrd w/Eng. to N. America till 0400 //11780 & 9690. (Jaar) 9690 hrd. (DeHart) (Fansler) (Noznick) (Boick) (Parker).
- 11885 R. Sarandi, Montevideo, Uruguay, strong at 0340 on 12/4, w/ads & ID. Usually covered by Radio Pakistan. (Jaar)
- 9745 HCJB, Ecuador w/"Ecuadorian Echoes". (DeHart) //11915. (Templeton) (Boik)
- 5975 R. Portugal hrd w/English to Canada. (Primm) Now 5985. (Ed.)
- 7120A R. Mogadiscio, Somalia hrd w/Eng. nx at 0318a-0330. (Primm) (Fansler) On 7122. S/on at 0300 w/drums, then into Arabic. Eng. at 0316-0327. Somali folk music to 0415A s/off. (Rowell)
- 15135 R. Japan, Tokyo at 0345 w/Eng. s/on & talk on Japan. (Douglas)
- 5805 Tentative logging of R. Sanaah, Yemen at 0352 w/Arabic chants & talks. RTTY QRM. (Douglas)
- 6010 RAI, Rome heard w/bird IS, then s/on in Spanish. (Verner)
- 9645 TIFC, San Jose, Costa Rica w/relig. program to 0350 s/off. (Fansler) (Boik)
- 3215 R. Clube de Mozambique in English w/pop mx & ads to 0330. (Fansler)
- 6135 R. Havana hrd in French. In English 0330-0600 s/off. (Balbi)
- 6234 R. Budapest noted w/"Music for the Family" at 0330. (Noznick) With DX program on Tuesday. (DeHart)
- 5955 TGN, Guatemala City hrd w/ID & mx interlude. (Noznick)
- 4955 R. Nacional del Colombia, Bogota noted 0325-0415 s/off w/classical mx, Spanish talk & ID. (Douglas) 0430 s/off. (Rowell)
- 9760 WFRS, New York City at 0330 w/ID & "Tempo" program. (Noznick)
- 9605A TWR, Bonaire with "Music & Views". (Noznick) At 0330. (Parker)
- 3325 R. Monagas, Maturin, Venezuela hrd w/Spanish 0345-0407. (Rowell)
- 4770 R. Cenit, Ecuador hrd 0317-0600 & also at 1115-1145. News at 1115, music other times. (Field)
- 4820 HRVC, R. Evangelica, Tegucigalpa, Honduras hrd w/Eng. religious program at 0310-0334, with ID. Final announcements all in Spanish. (Sparks)
- 9590 R. Nederland, Bonaire heard 0330-0350. (Boik)
- 5965 R. Mundial, Managua, Nicaragua hrd w/Spanish music & ads. (Parker)
- 9515 XEWW, Mexico City heard with Spanish drama. (Parker)
- 9710 R. Beirut, Lebanon w/Arabic chants & talks 0320. Spanish at 0330. (Objio)
- 7345 R. Prague hrd at 0338 w/nx & special program, //6234 on 1/8. (Zabot)
- 7105 VOA, BBC relay hrd 0315 w/VOA & BBC ID's, then into Estonian. (Hosmer) Sure this isn't 7110? (Ed.)
- 4990 R. Barquisimeto, Venezuela hrd 0350-0359 s/off w/Spanish ID's. (Hosmer)
- 6125 R. Continental, Bogota, Colombia hrd with music, 0300-0500. (Field)
- 0400 9600 CE960, Chile hrd 0400-0445 with Latin American music. (Fleury)
- 12010 R. Peking hrd 0446 w/rock & roll music. (Fleury) Rock & roll??? (Ed.)
- 9690 LR32, Buenos Aires with news at 0445. (Fleury)
- 4745A R. El Progreso, Loja, Ecuador hrd in the clear w/mx, ID & ads, 0410. (Jaar)
- 7180 R. Baghdad, Iraq now better this freq. Hrd at 0420 in Arabic. (Jaar)
- 11795 Rdf. Congolaise, Leopoldville, clear daily at 0400 French s/on. (Jaar)
- 11810 HBS, Amman, Jordan hrd daily, especially good at 0400-0700. Arabic nx on the hour, western instr. mx and ads. (Jaar)
- 4795 HCLV4, La Voz de los Caras, Bahia de Caraquez, Ecuador heard 0431-0501 s/off. (Dexter)
- 5030 Voz del Papagayo, La Romana, Dom. Republic hrd to 0429 s/off w/mx and announcements. (Dexter)
- 4923 R. Quito, Ecuador hrd at 0408 w/Sp. ID & mx. ID's as "Radio Quito, La Voz de la Capital." (Douglas) Other sources state they are on 4960. (Ed.)
- 4965 R. Santa Fe, Bogota, Colombia w/Sp. ID and mx, 0430. Hrd daily. (Douglas)
- 6180 R. Nacional, Guatemala City hrd 0400 with Eng. music & ID. (Douglas)

- 0400 6025 R.Portugal at 0405 w/nx, ID & "This Week in Lisbon".(Douglas)(Noznick) //6185. (Boik)
- 4955A R.TV, Nacional de Colombia noted at 0412 w.music, Sp. ID & bell IS, very similar to the Big Ben chimes. (Douglas)
- 6045 XEXQOC, R.Universidad hrd at 0450 w/classical mx & Sp. ID. (Douglas)
- 6234 R.Budapest w/Hungarian at 0400, English at 0430. //7220. (Verner) (Boik) & (Noznick).
- 9555 YSS, El Salvador noted at 0430 in Sp. (Verner) //6010. (Douglas)
- 5026 R.Uganda, Kampala noted w/nx & music in English. (Brhel)
- 11900 S.O.D.R.E., Montevideo, Uruguay hrd 0430-0508 s/off w/pop mx & ID. (Nelson) Listed s/off time is 0310. (Ed.)
- 6070 R. Sofia with Eng. xmsn to N.America. QRMd by CFRX. (Balbi)(Parker)
- 6190 TWR, Bonaire w/s-on in Russian. Announced freq. & ID in Eng. (Balbi)
- 6065 R.Dif. Mexico noted 0445 in Spanish, (Rowell)
- 5993 R.America, Peru hrd at 0430 in Spanish. Listed as 5995. (Rowell) WRTH'66 lists them as only on 3240. (Ed.)
- 4735 ENBS, Nigeria hrd at 0400-0430 w/African & Hawaiian mx. (Field) New frequency? 4855 is currently listed one. (Ed.)
- 4875 R.South Africa's English Svc. on this new freq. at 0430 s/on.(Sparks)
- 6110 R.Ghana hrd w/mx at 0405-0425. All Eng.(Boik)(Parker) N.A. Svc. (Ed.)
- 7200 VOA, BBC relay w/"Breakfast Show", 0430-0500. (Boik)
- 6215 R.Reloj, San Jose, Costa Rica hrd w/mx, Sp. Id's & time checks.(Verner) & (Parker)
- 7320A R.Libertad, clandestine hrd w/Sp. ID & nx at 0415. (Parker)
- 6180 TGWB, La Voz de Guatemala hrd 0430 w/Sp.ID. Much QRM from Havana on 6170. (Hosmer)
- 11785 Austrian Radio here, IDing as "R. Osterreichischen" at 0400 w/Eng. & German music & ID's, plus ads. Much QRM. (Douglas) Possibly relaying a Home Service outlet. (Ed.)
- 4843 RTV Congolaise, Brazzaville hrd w/IS & French s/on at 0430. (Fredricks)
- 0500 7155 Amman, Jordan hrd around 0530-0700. //11810. Qrm de R.Moscow on 7150 usually. (Jaar)
- 9600 R. Pres. Balmaceda, Santiago, Chile at 0500 s/off, English request for letters S/on again at 1000. (Jaar) (Noznick) (Parker)
- 11715A R.Athens, Greece hrd w/non-stop religious service in Greek, clear at 0550-0700. Power increase? (Jaar)
- 11800 R.Soc. Nacional de Agricultura, Santiago, Chile hrd w/L.American mx. Weak to good, before and after 0500. (Jaar)
- 11875 ETLF, Ethiopia ending Arabic xmsn. Eng. announcement & s/off at 0530. Very good signals in Haiti. (Jaar)
- 9720 R.South Africa (Springbok Radio) hrd at 0551 w/Eng. mx requests.(Douglas) At 0500-0630. (Boik) (Parker)
- 6090 ABC, Sydney, Australia, w/Eng. ID & nx. Hrd 12/20, no 0300 s/off.(Douglas)
- 6020 R. Salisbury, Thodesia heard in English. (Brhel) Program details? (Ed.)
- 6115 R.Union, Lima, Peru w/pop mx & Spanish. (Nelson) This station is listed for 6050 kcs. Anyone have info as to whether freq. has been changed? (Ed.)
- 11945A ELWA, Liberia w/Eng. s/on after flute IS. Religious programming.(Douglas) SCDXers says is on 11950. (Ed.)
- 6160 R.Berlin International hrd with news & s/off, 0500-0515. (Noznick)
- 3370 Spanish numbers station, possibly clandestine, heard here 1/4.(Rowell)
- 4777 RTV Gabonaise, Libreville hrd 0550-0632. Also heard 2300-2318. News at 2300. (Field)
- 4875 La Voz de Esmeraldas, Ecuador hrd with music 0520-0650. (Field)
- 5020 Transmisora Caldas, Colombia hrd w/L.American mx & Spanish. (Zeller)
- 9572A R.Portales, Santiago, Chile, new outlet hrd until 0530 w/pop music. (Sparks) WRTH'66 lists them on _____ power of 1 kw. (Ed.)

- 0500 3315 R.Martinique hrd 12/25 w/special Christmas program till 0530. (Sparks)
 6145 D.Welle, Koln hrd at 0530 w/German folk music. (Boik)
 7285 R.Moscow hrd w/news at 0500 & usual program to 0525. (Boik)
 4965 R.Santa Fe, Bogota, Colombia, w/mx, Sp. news & frequent ID's. (Parker)
 6015 VOA Rhodes hrd w/ID & IS, Eng. mx. Poor signal, QRM de YSS, 6010 and
 VOA on 6020. (Douglas)
 6010 YSS, San Salvador hrd at 0515 w/Spanish ID & music. QRMed. (Douglas)
 6010 CJCX, Sydney, Nova Scotia hrd w/Eng. ads & pop mx at 0535. (Douglas)
 6090 RTV Kaduna, No. Nigeria hrd w/chanting mx at 0530. (Fansler)
 4910A La Voz de Saquisilí, Ecuador hrd 0510 w/L.American mx, Pepsi ads and
 Spanish ID. (Douglas) WRTH'66 lists them on 4904 w/only 0.42 kw. (Ed.)
 6160 R.Carina(?) Nacional, Bogota, Colombia hrd w/Sp. ID & mx to 0558 s/off.
 (Douglas) This is most probably Emissora Nueva Granada giving their
 network announcement: "Radio Cadena Nacional." (Ed.)
- 0600 7265 Radio Tirana, strongest outlet here. French news to 0610. (Jaar)
 4980 R.Ghana hrd at 0624 w/Eng. mx, unid. lang at 0630. RTTY QRM. (Douglas)
 Also hrd on 3350 at 0630 w.drums & Eng. ID. Other Ghanian 90 metre
 outlets noted are 3280 & 3366. (Sparks)
 11905 D.Welle, Kigali relay hrd at 0643 w/IS & s/on/ Eng. ID and mx to 0715
 then into unid. lang. Much QRM. (Douglas)
 5047A R.Togo, Icome at 0645 w/French ID, Eng. & Fr. rock & roll mx. Drum IS.
 Overmodulated signal. (Douglas)
 4815 Rdf. de la Haute Volta, Upper Volta hrd 0645 w/Fr. & Eng. mx. Much
 utility QRM. (Douglas) Hrd 0633-0700. (Fansler)
 4870 RTV Cotonou, Dahomey hrd 0637 w/French mx & ID at 0700. (Douglas)
 4910 R.Conakry, Guinea noted at 0652 w/IF & Eng. mx & news. (Douglas)
 11810 Tentative logging of R.Algiers. Hrd 0646-0700 fadeout w/Arabic chants
 & talks. Much QRM. (Douglas)
 6015 R.Havana on this new freq. w/Spanish s/on, French at 0800 A, // 9685
 also new frequency. (Balbi)
 6020 VOA, Liberia w/Eng. nx to 0730 s/off, // 7195, 7280 & 9530. 6020 is a
new frequency. (Balbi)
 9510 BBC, London heard with Eng. nx and commentary. (Douglas)
 4770 ELWA, Monrovia hrd nightly at 0645 w/religious xmsns, except Eng. news
 at 0700. (Field)
 5970 R.Horizonte, Bogota, Colombia frequently hrd w/L.American mx from night
 clubs. (Sparks)
 4820 R.Angola, Luanda // 6025 hrd at s/on w/anthm followed by Port. nx. (Sparks)
 6100 HCSP4, Voz del Volante, Portoviejo, Ecuador hrd w/New Years special till
 0705 s/off. (Sparks)
 9730 R.Brazzaville with Eng. newscast at 0615. (Parker)
 9540 R.New Zealand noted w/Eng. ID at 0630, then music. (Parker)
 9520 VLT9, Port Moresby, N.Guinea at 0645 w/R.Australia children's prog. (Parker)
 9710 CBC, Montreal hrd with news & sports program. (Coulouras)
- 0700 6090 R.Luxembourg hrd 0705-0731 w/religious prog. // 1439 MW. (Jaar)
 9505 NHK, Tokyo hrd w/IS & ID 0700, covered by R.Prague. (Jaar) (Douglas)
 6130 CHHX, Halifax, Nova Scotia noted at 0708. (Gerran)
 6100A BBC, London hrd w/Eng. nx & commentary, mx. // 6150 till 0735. (Gerran)
 Their sked says 6050 & 6150. (Ed.)
 5020A R.Sutatenza, Bogota, Colombia hrd 0745-0755 w/s-off, ID & QTH. (Douglas)
 This xmtr was last reported on 5095. Maybe was Transmisora Caldas relaying
 them. (Ed.)
 4915 R.Ghana hrd 0709-0714 w/native ID & program. (Douglas)
 4835 R.Bamako, Mali in French & native language at 0715-0730. (Fansler)
 4890 R.Dakar, Senegal noted w/chanting music at 0745-0800. (Fansler)

- 0700 9540 R.New Zealand best at 0730-0845 in Eng. //11780. (Rowell)
 6085 Bayerische Rundfunk, Munich, Germany hrd w/mostly music. News in Fr. at 0700, in English at 0805. (Peters)
 6115 R.Free Europe xmtr hrd w/Eng. songs, ID at 0800, then jammed. (Peters)
 6090 VLI6, Sydney, Australia hrd at 0730 w/England vs Australia soccer match. (Fredricks)
- 0800 11780 R.New Zealand calling Pacific area. Anncd //9540. (Jaar)
 9640 BBC Pacific Svc. noted at 0820-0850. s/off with newscast. (Douglas)
 11950 ELWA, Liberia at 0815 w/music, Eng. ID & unid. lang. (Douglas)(Peters)
 7260 R.Monte Carlo, Monaco hrd w/religious programs. (Farsler)(Parker)
 6170 DUH2, Manila, Philippines w/Eng. news, then into unid. language at 0900. Severe QRM. (Balbi)
 6000 R.Inconfidencia, Belo Horizonte, Brazil hrd in Portuguese. (Rowell)
 6095 R.Dif. de Sao Paulo, Brazil hrd w/Portuguese programming. (Rowell)
 4885 ZYG26, R. Picneira de Teresina, Brazil noted 0855-1000 with news and music. (Field)
 9715 FEBC, Manila hrd w/Eng. at 0830-0900, then into Chinese. (Fredricks)
- 0900 3385 ORTF, Cayenne hrd daily at 0915 s/on. Announces //1500 MW. Excellent to 1010. (Jaar)
 6090 VLI6, Sydney, Australia, hrd 0900-0930 w/news & music. (Field)
 3355 R.Noumea, New Caledonia hrd in French at 0930 on 1/9 w/usual QRM.(Balbi)
 3995 VQ03, Solomon Islands hrd on 1/9 at 0920 w/local nx. (Balbi) Heard at 0915 w/BBC news relay. (Rowell)
 7300 R.Malayasia, Kuala Lumpur hrd at 0930 w/Eng. news. Heard regularly in Los Angeles area. (Balbi)
 11855 DZHS, FEBC, Manila hrd w/Eng. news to Australia & N.Zealand. (Balbi)
 11945 HSK9, Thailand on this new freq. w/0930 s/on in unid. lang., Eng. ID. English news hrd at 1030. A move from 11913. (Balbi)
 11970 BBC Far East relay on this new freq. and with new ID. Hrd w/program review & BEC news at 0915. A move from 11955. (Balbi)
 9710 TWR, Bonaire hrd w/s/on at 0930 in Spanish. (Rowell)
 9660 VLQ9, Brisbane, Australia noted at 0920 in English. (Rowell)
 4970 R.Rumbos, Caracas, Venezuela noted at 0950 in Spanish. (Rowell)
 6145 R.Nacional, Rio de Janeiro, Brazil strong at 0905 in Port. (Rowell)
 4750 Rdf. do Maranhao, Sao Luis, Brazil noted with news & music at 0930-1030. (Field)
 6170 DUH2, Philippines hrd w/music, English & ads at 0930. (Fredricks)
- 1000 3315 ORTF, Martinique hrd daily, morning & evenings, //4895 & 1310 MW.(Jaar) Heard at 1015 s/on & w/ORTF relay at 1030. (Balbi) (Rowell) //4895 good around 1030 & later. 5995 not heard. (Jaar)
 3390A R.Zaracay, Santo Domingo de los Colorados, Ecuador very good daily at 1000 s/on. (Jaar)
 4920 VLM4, Brisbane still best Australian on 60 metres here. Hrd 1015 with classical music & ID. (Jaar)
 5975 R.Presidente Balmaceda, Santiago, Chile hrd at 1005 s/on, //9600. (Jaar)
 6120 4VEH, Haiti hrd 1039-1045 w/classical music, Sp. ID at 1045, then into unidentified language. (Douglas)
 6150 VLR6, Melbourne, Australia noted w/English program. (Rowell)
 9685 Voice of Free China, Taiwan hrd w/English. Anncd //7130, 9655, 11825 & 11860. (Fredricks)
 9610 VLN9, Perth, Australia heard with news. (Fredricks)
 9640 Voice of Free Korea, S.Korea hrd with English at 1030. (Fredricks)
 4877 VTVN, South Vietnam hrd in Vietnamese w/good signals at 1030. News at 1100 with OM & YL announcers. (Fredricks)

- 1100 4990 R.Barquisimeto, Venezuela hrd w/Sp. music. QRM de WWV. (Pestor)
 9605 R.Japan, Gen. Svc. in Eng. & Japanese, //9560 & 9505. (Pestor)
 9700 AFRTS, Delano xmtr hrd w/"Tempo" show at 1130. (Pestor)
 9770 RRI, Indonesia on this new freq. w/Eng. news to New Zealand at 1115.
 Replaces 9585. (Balbi)
 9665 SBC, Berne noted w/Eng. xmsn to United Kingdom, //11865 which was best
 at 1145. "Swiss Merry-go-round" at 1213. (Douglas)
 11820 TWR, Bonaire hrd in English this freq. on 12/21. (Fredricks)
 11835 R.4VEH, Haiti hrd going into English at 1130. (Fredricks)
 4875 Ecuadorian station IDing as "La Voz de Grandes Brazo" (?) hrd 1152 with
 Spanish ID & mx. Excellent signal. (Douglas) Probably was HCVE4, La Voz
 de Esmeraldas. (Ed.)
- 1200 15155 ELWA, Liberia hrd w/French xmsn. QRM de WRUL at 1230. (Jaar)
 15445 R.Brazzaville, Congo noted with ID at 1200. (Jaar)
 17860 RTB, Bruxelles, hrd 1205 s/off daily after French announcement. (Jaar)
 9665 Swiss B/C, Berne hrd w/English xmsn to the U.K. & Ireland. (Pestor)
 15165 R.Denmark noted in English at 1240. (Hartman) (Douglas)
 15185 R.Finland noted on a Sat. at 1238-1315 w/letter-box, mx requests and
 DX program at 1300. Finnish xmsn at 1315. (Douglas) (Fredricks)
 9610 VLW9, Perth, Australia hrd w/Eng. xmsn at 1220. (Zucchi)
 11960 R.Frague noted with English xmsn to Europe at 1215. (Douglas)
 5875 HRNL, La Voz de Honduras hrd 1230-1400 with music & news. (Field)
 5015 R. Vladivostok, USSR hrd 1240-1436 w/classical music and news given by
 YL & OM announcers. (Field)
 6060A R.Centro, Tegucigalpa, Honduras hrd 1200-1300 with mostly news; some
 music, many ads. Also heard at 2245-0000. (Field)
 9600 R.Tashkent, Uzbek SSR hrd w/English s/on at 1200. (Fredricks)
 6110 HRXW2, R.Comayagua, San Pedro Sula, Honduras hrd at 1205 w/Mexican
 songs in Spanish. (Objio)
- 1300 6000 R.Americas, clandestine, hrd w/English at 1325. QRMed. (Jaar)
 11850 R.Norway, Oslo, good signals, but QRMed. (Jaar)
 15185 R.Finland heard w/English DX program at 1305. QRM de VOA. (Jaar)
 4865 R.Brunei hrd w/English pop mx. Weak but clear. (Fansler) (Fredricks) (Douglas)
 4920 VLM4, Brisbane, Australia hrd w/mx, 1345-1400, ID, news to 1406 s/off.
 (Fansler) Heard to 1358 s/off. (Hosmer)
 6020 XEUW, El Eco de Sotavento, Vera Cruz, Mexico noted 1300-1408 w/music,
 news at 1330. (Field)
 4890 VLT4, Port Moresby, N.Guinea heard w/ news at 1300. (Fredricks)
 5052.5 R.Singapore hrd in Eng. w/"on the spot" coverage of parade, 12/21.
 (Fredricks)
 9580 R.Australia heard w/English s/off at 1315. (Parker)
- 1400 15165 R.Denmark hrd w/bell IS, ID, news in Danish. Almost only signal from
 Denmark lately. (Jaar)
 15420 R.Sweden hrd 1445 in English. Also hrd 1615 in French. (Jaar) (Stevens)
 & (Coulouras)
 11850 R.Norway heard w/English at 1410. (Hartman) Sundays only. (Ed.)
 11835 R.4VEH, Haiti hrd w/English music request show. (Luyster)
 7305A R.Malaysia, Kuala Lumpur hrd 1407-1430 w/Eng. nx, ID & mx. (Douglas)
 9770 RRI, Indonesia noted w/Eng. xmsn, 1430-1530A. Nx at 1445. (Balbi)
 5052 R.Singapore noted at 1435 w/Eng. programming. Much RTTY QRM. (Douglas)
 9505 R.Japan Gen. Svc. hrd w/Eng. news. In Japanese at 1415. (Zeller)
 9600 R.Tashkent, Uzbek SSR hrd w/Eng. news, commentary & mx to 1425 s/off.
 (Parker)
 11640 Radiostansiya Rodina, USSR noted w/IS & ID in Russian. (DeHart)

- 1400 15245 R.Marajoara, Belem, Para, Brazil hrd w/ads & news in Portuguese at 1407. Gave address as: C.P. 491, Belem. (Objio)
- 15380 R.Portugal, Lisbon hrd w/music, mx & lectures, 1415.//21700. (Zabot)
- 15110 XERR, Mexico City hrd w/Sp. & L.American mx at 1430. (Zabot)
- 6070 CFRX, Toronto, Canada hrd at 1440 w/mx & English program. (Zabot)
- 9680 R.Ceylon, Commercial Svc. noted w/"Choice of the People" request prog. at 1430-1600. (Fansler) New freq.? Previously reported on 9667. (Ed.)
- 1500 17825 R.Norway, Oslo, good at 1500 w/IS & ID. (Jaar)
- 6005 CFNY, Montreal, Canada hrd w/regular CFCE relay, mx. (Hartman)
- 9610 VLAP, Perth, Australia w/"Evening Meditation". ID 1550. (Primm) Also heard at 1510 w/news and weather report. (DeHart)
- 9545 D.Walle, Koln hrd in English w/German lesson.//9640 & 11795. (Zucchi) 11795. (Nelson) 9640. (Noznick) (DeHart)
- 3943 ZBW, Hong Kong logged at 1530 w/music & unid. language. Fair. (Balbi)
- 4875 VIVN, S.Viet Nam hrd in native lang. to 1600 s/off. //6160, 7245, & 9620. (Balbi)
- 9475 R.Cairo, UAR noted in Arabic. Also heard on 11940. (Balbi)
- 9820 R.Pakistan hrd w/English news. Severe QRM. (Balbi)
- 4994 R.Omdurman, Sudan hrd w/time pips at 1500, then Arabic ID followed by Arabic news. (Sparks)
- 15420 R.Sweden heard w/English xmsn, 1500-1515. (Boik)
- 15245 RTF, Paris hrd w/very strong signals in French at 1530, making Radio Belgrade unreadable. (Stevens)
- 6045 Forces B/C Station, Athens, Greece hrd 1541 w/chanting mx, Eng. ID: "This is Forces Broadcasting", followed by variety of music. ID's also caught at 1628 and 1645 when station faded out. (Douglas)
- 1600 15175 R.Norway, Oslo hrd 1630-1634 ending "Norway This Week" in English. (Jaar)(Objio)(Parker) On //11850. (Fansler) Sundays only. (Ed.)
- 15270 R.Malagache, Malagasy Rep. hrd w/French ID & request for reports in English. (Primm) (Fansler) (Douglas)
- 9009 Kol Isreal hrd in Yiddish at 1630, //new 9725. Fair signals. (Balbi)
- 9525 SABC, South Africa hrd w/Eng. news & sports results at 1630. (Balbi)
- 9685 BCC, Taiwan noted in English to 1610 s/off. (Balbi)
- 9745 R.Mali, Bamako tuned in native language at 1630. (Balbi)
- 9865 RRI, Indonesia hrd w/1615 s/on in Arabic, then French at 1700. (Balbi)
- 7215 AFRTS, Taiwan noted 12/16 w/recovery of Gemini VI. (Sparks)
- 15120 Vatican Radio heard in unid. language to 1630. (Balbi)
- 15420 BBC, Cyprus hrd w/BBC African Svc. Political commentary in English at 1615. (Sparks)
- 11835 R. 4VEH, Haiti heard with music, 1630-1700. (Boik)
- 9610 VLX9, Perth, Australia hrd w/English s/off at 1605. (Parker)
- 1700 17805 D.Welle, Kigali relay hrd w/Eng. s/on at 1745, then Hausa & French to 1930 s/off. (Primm)
- 15190 R.Brezzaville noted at 1730 w/IS, French ID & s/on. (Douglas)
- 15155 ELWA, Liberia hrd w/French religious program. (Verner)
- 15293 CR7BG, Lourenco Marques, Mozambique hrd 1700-2000 in Portuguese. News at 1730. Mostly concert music. (Rowell) (Fredricks)
- 11863 R. Interprovinciale du Katanga, Elizabethville hrd 1700-2100, mostly in French. SCDXers says from 1500. (Rowell)
- 11780 R.New Zealand hrd w/IS, s/on at 1700. Excellent. //9540. (Fredricks)
- 15320 CBC, Montreal w/German to Europe at 1745, //11720 & 17820. (Jennema)
- 11410 Pekje-e-Iran, clandestine, was noted on this seldom hrd freq. at 1735. Weak to fair signals. (Headen)
- 15420 BBC, Cyprus in unid. lang. 1745 1972. ID & QRM in Eng. Eng. mx 1800.

- 1700 11770 BBC, London using this freq. now //15300 for N.A. Svc. 1530-1730. (Jenneman)
- 1800 15255 Voice of Nigeria hrd w/Eng. nx to 1815, native mx at 1830. (Fansler) (Boik)
 9420 VUNC, South Korea hrd in unid. language at 1815. (Balbi)
 11910 ETLF, Ethiopia on this new freq. w/Arabic & Eng. ID to 1825 s/off.
 Replaces 11755. (Balbi) (Sparks) Hrd on 11875 at 1829 w/drum IS, Eng. ID,
 then into Amharic. (Douglas)
 11870 R. Interprovinciale du Katanga, Elizabethville hrd 1800-2100 w/nx 1800,
 & mx in English and other languages. (Field) On 11853. (Rowell)
 11900 R. South Africa hrd 1800-2000 in Afrikaans & Eng. (Rowell) Hrd on 15050
 at 1745-1800 in English. (Douglas) Have no listing this freq. (Ed.)
 11740 XEMP, Mexico City heard in Spanish till 0200A. (Rowell)
 11885 XFMH, Mexico City hrd most all day in Spanish. (Rowell)
 15110 XERR, Mexico City hrd off and on to 0200A in Spanish. (Rowell)
 9720 R. Dakar, Senegal hrd 12/25 w/Christmas special in English. (Sparks)
 21670 VOA, Liberia hrd w/"Report to Africa" in Eng., 1805-1830. (Boik)
 15320 CBC, Montreal hrd w/English xmsn to Africa at 1830. (Parker)
 15340 R. Havana heard with English xmsn to Europe. (Stevens)
 11895 R. Free Europe is heard frequently this freq., strong over jamming. Hrd
 before 1800 in Bulgarian, after 1800 in Rumanian. (Headen)
 17805 D. Welle, Kigali relay hrd 1818 w/ID, nx, program to 1830, then into
 Hausa. (Hosmer)
- 1900 9505 R. Japan, Tokyo hrd w/s/on & English news. (Douglas)
 11755A ETLF, Ethiopia hrd in English, 1930-1945 s/off. (Zucchi) (Nelson) Now
 on 11910. (Balbi)
 11715 R. Iran hrd in unid. language. French 1930. Eng. news 2000. (Balbi)
 9490 R. Peking hrd on this new freq. in Eng. Also noted at 2000. (Balbi)
 15155 ELWA, Liberia heard w/s-on & religious program. (Noznick)
 15130 ORTF, Paris noted at 1930 in African xmsn. (Noznick) //11845. (Jenneman)
 7145 R. Warsaw, Poland hrd w/discussion program in Polish. (Peters)
 7130 Radiostansiya Mayak, Moscow hrd w/nx in Russian after IS, ID & 6 time
 pips. (Peters) IS is first few notes of Russian tune, "Podmoskovni
 Vechera"; popularized in the West as "Moscow Nights" & "Midnight in Moscow" (E.)
 15190 R. Brazzaville hrd w/ORTF Eng. news relay at 1915. (Fredricks) (Parker)
 6095A R. Baghdad, Iraq noted 1/7 & 10 w/English xmsn 1830-1930. May have ex-
 panded English sked. (Stevens)
 17820 CBC, Montreal hrd w/French xmsn to Africa. //15320 & 11720. (Jenneman)
 11715 VOA, Tangier hrd in unid. lang. at 1953-2100 s/off w/English ID.
 (Douglas) Sure this wasn't on 11710? (Ed.)
- 2000 6095 R. Baghdad hrd w/Eng. program at 2035. (Fleury) German at 2030. (DeHart)
 Seems to be much confusion re Baghdad xmsns. Anyone have late sked? (Ed.)
 6025 R. Nederland hrd w/"DX Jukebox" at 2015. (DeHart) On Thursdays. (Ed.)
 11770 D. Welle, Kigali relay hrd w/German xmsn to 2255 s/off. (Pestor) This
 1 hr. program was to be expanded to 3 hrs, 12/24, 2000-2300. (Pestor)
 Now on 15380. (Balbi)
 15016A Cape Kennedy, Florida hrd w/music for Gemini VII. ID & s/off at 2051.
 (Primm)
 11866 R. Interprovinciale due Katanga, Congo hrd 2023 w/mx. (Dexter) Also hrd
 at 2000 w/French news. 2100 s/off. Also hrd in French at 1800 & with
 English news at 1900. (Balbi)
 9685A VTVN, Saigon, S. Viet Nam hrd at 2049 w/French mx & ID's. Hetrodyne QRM.
 (Douglas) Freq. change? Is listed for 9755. (Ed.)
 11720 CBC, Montreal noted with French transmission. (Verner)
 11735 R. Morocco hrd w/Eng. s/off at 2055. YL announcer. (Zucchi)
 11840 TWR, Bonaire hrd in Hungarian. QRM'd by Lisbon & R. Australia. (Balbi)

2000 9390 R.Tirana, Albania hrd in French at 2030-2100. Weak. (Rowell)
 9545 R.Ghana hrd in Arabic, then English 2045-2215. (Rowell)
 7275A R.Berlin International w/s-off at 2045, Eng. & Spanish ID's. (Field)
 13250 R. Euzkadi, Basque clandestine, hrd at 2030 w/usual political programs, marches & anthems, in Spanish. Often SINPO 55445 here. (Zeller)
 11812 R. Amman, Jordan heard here in Arabic. (Rowell)
 6155 R. Yerevan, Armenian SSR hrd w/Saturday & Sunday prog. in English at 2020. (Sparks)
 11835 R. 4VEH, Haiti hrd w/music at 2000-2030. (Boik)

2100 11770 D.Welle, Kigali relay hrd w/music to 2110 s/off. (DeHart) On 5980 at 2110 s/on w/50 minute English xmsn to East Asia. (Pestor)
 4980A R.Ghana hrd w/mx & Eng. to 2200, then native lang. (Frimm) External Svc. hrd on 9545 at 2147. (Noznick) Also on 4915.
 6095 R.Baghdad hrd w/Eng., French & German mx & nx to 2210 s/off. (Frimm) Hrd w/French and music 2130-2200 s/off. (Fansler) New s/off time? (Ed.)
 7275 Voice of Nigeria hrd w/music & Eng. to 2307 s/off. Reception reports requested. // 15255, 11915, 9690. (Frimm) 9690. (Douglas) (Noznick) 11915. (Boik) (Parker) 15255. (Fredricks) (Hosmer).
 6015A *R.Havana noted 2140-2143 s/off in English. Poor signal. (Douglas)
 6070 R. Sofia hrd w/English xmsn to Europe. (Verner) (Zucchi) (Fansler)
 3396 R.Kaduna, Nigeria hrd 2145-2200 in unid. lang. Eng. nx at 2200. (Fansler) * (Also hrd on 9655A at 2130 in French. (Zucchi) & on 15340 at 2122 with program on Cuban revolution. (Noznick) These in reference to Cuba above.)
 4975 SABC, South Africa hrd in English to 2115 s/off. (Fansler)
 15155 ELWA, Liberia hrd w/IS, ID & relig. prog. 2130. (Noznick) Weekdays. (Fredr)
 9475 R.Cairo hrd transmitting to Europe w/Eng. 2130, Arabic 2230-2330. (Rowell) & (DeHart)
 9640 VOJK, Seoul, S.Korea hrd w/Eng. at 2100-2130, Korean 2130-2200, jammed; Chinese 2200-2230 & Russian 2230-2300. (Rowell)
 4994 R. Omdurman, Sudan heard w/Arabic songs. (Peters)
 5060 S.Arabian B/C Svc., Aden breaking in at 2130 in Arabic. YL announcer gave ID of "Huna Aden". (Peters)
 9595 JQZ3, Tokyo hrd in Japanese. 2030-1545 continuous. (Rowell)
 9605 R.Japan hrd 2100-2130 in Eng. & Japanese. // 15195. (Rowell)
 15130 WIBS, Grenada hrd w/commentary at 2120. (Fredricks)
 15170 La Voz de Guatemala hrd testing in Spanish w/good signals at 2130. (Fredricks) According to WRTH'66, this station planned to go to 10 kw. on 6180 and put new 10 kw xmtrs on 9760 & 15170. (Ed.)
 9740 WRUL, New York City hrd w/"DXing Worldwide", 2130-2200, Saturdays. (Boik)
 11955 TWR, Bonaire hrd closing Spanish at 2155, then into French, 1/2. (DeHart) Hrd on 11845 w/English to 2130, then Spanish. (Jenneman)
 7150 R.Free Europe hrd this freq. in unid. language, possibly Hungarian. (Headen) Hungarian ID is: "Itt-a-Szabad Europa Radio". (Ed.)
 9515 R. Ankara, Turkey heard with s/off at 2145. (Objio)
 9720 R. Senegal heard 2145-2222 w/French songs and news. (Objio)
 9615 RTB, Bruxelles hrd 2215 in Flemish; at 2228 in Fr. w/sports nx. (Objio)

2200 11915 R.Cairo, UAR hrd w/Arabic xmsn at 2230. (Fleury) On 9675 closing English xmsn at 2200. (Hartmen) on 11890A in English on 12/28. (Zucchi)
 15195 R.Japan General Svc., Eng. & Japanese, 15 min. each. (Pestor) (Parker)
 7265 R.Tirana, Albania hrd w/Eng. xmsn at 2220. (Hartmen)
 15130 WIBS, Grenada noted at 2210 w/BBC news relay, 2230 local nx. (Douglas)
 9770 Austrian Radio heard with test transmission. (Verner)
 6070 R.Sofia hrd w/s-on of Italian xmsn. (Zucchi) Hrd on 9700 w/Spanish to S.America, 2230-2300. // 11715. (Rowell)
 6175 R.Algiers, Algeria with Eng. xmsn 2100-2230. (Fansler) (Douglas) (Hosmer)

- 2200 3255 ELBC, Monrovia, Liberia hrd w/talk in English. Weak. (Fansler)
 3215 R.Clube de Mozambique hrd w/ads, mx to 2300 in English. (Fansler)
 4926 EAJ206, R.Ecuatorial, Bata Sp. Guinea hrd w/ID & s/off 2210. (Fansler)
 6250 R.Santa Isabel, Sp. Guinea hrd at 2250-2300 s/off in Spanish. (Balbi)
 4815 Upper Volta heard here irregularly 2245-2300 s/off in French. (Balbi)
 9780 Leopoldville, Congo on this new freq. at 2245, //11795 w/Fr. nx. (Balbi)
 4970 R.Rumbos, Caracas, Venezuela noted 2240 w/Sp. ID. (Noznick) (Hosmer)
 9740A R.Japan, Tokyo hrd w/excerpts from Japanese papers, then into lang. at
 2215. (Noznick) Their sked says 9605 in use this time. (Ed.)
 4910 R.Conakry, Guinea hrd 2250-0000 in French. (Rowell) (Parker)
 4915 R.Ghana noted 2240 in unid. lang, Eng. ID at 2258-2300.//4980. (Rowell)
 4915 hrd at 2230. (Parker) (Stevens)
 5047 R. Togo, Lome noted 2235-2300 in French. (Rowell) (Parker)
 9540 *RAI, Rome tuned 2230 in Italian, //9630. (Rowell)
 15155 ELWA, Liberia heard w/Portuguese at 2200-2245 to South America. (Rowell)
 4780 YVLA, La Voz de Carabobo, Valencia, Venezuela hrd 2254-2330 & also at
 1030-1100. News at 1030. (Field)
 9515 R.I, Caltanissetta, Sicily hrd in Italian. (Rowell) This is a 5 kw.
 National Program outlet. (Ed.)
 9630 *R.I, Rome hrd w/s-on at 2230 to N.America in Italian, //9540 in lieu of
 old 9575. (Rowell)
 9790 R.Cairo heard in Arabic at 2245. (Rowell)
 6080 CFKX, Vancouver, B.C., Canada hrd w/nx at 2250. (Fredricks)
 6015 Rdf. Ivoirienne, Abidjan tuned 2230-2403 s/off in French. (Parker)
 7195 VOA, Monrovia hrd w/Eng. s/off at 2215. Good but much ARO QRM. (Hosmer)
 2410 4VU, Les Cayes, Haiti hrd w/religious program, 2220-2240. (Fansler)
 WRTH'66 says sked for this freq. is 1000-1330. (Ed.)
- 2300 2415A WIBS, Grenada w/BBC news relay in clear at 2300. (Jaar)
 11875 ZYF32, Salvador, Brazil hrd w/L.American mx, news at 2335. (Fleury)
 15245 NHK, Tokyo, heard with news in English.//15105 was weak. (Jaar)
 11740 R.Nuevo Mundo, Santiago, Chile heard w/music & ads. (Dexter)
 5960 HRN, Tegucigalpa, Honduras tuned 2345 w/US orchestral music, ID and nx
 at 0000A. Muddy modulation. (Luyster)
 4980A R.Ghana heard closing English transmission. (Nelson)
 9685 R.Gazeta, Sao Paulo hrd in Portuguese w/variety of mx & few ID's. (Nelson)
 & (Hosmer)
 11720 R.Nacional Brasilia, Brazil heard at 2325 w/Portuguese ID & mx. (Douglas)
 9720 R.Senegal heard to 0000 in French. (Rowell)
 11775 R.Mayrink Veiga, Rio, Brazil strong at 2315 in Portuguese. (Rowell)
 9605 TWR, Bonsire heard with Spanish s/on at 2330. (Rowell)
 9730 USSR Siberian xmtr in Chinese, 2300-0000. (Rowell)
 9745 HCJB, Quito hrd 2300 on Sat. w/Billy Graham, rptd 0400 Sunday. (Rowell)
 9625 CBC, Montreal hrd 2320 on 1/8 w/recordings of Asian interval signals on
 DX program, then mailbag. (Rowell)
 11795 R.Nacional, Rio, Brazil heard in Portuguese. (Rowell)
 14520 R. Pyonyang, N.Korea hrd in Spanish 2300-2345, //11750. Error in Jan.
 issue, freq. is 14520. Strong signal in NW USA on 11750. QRM's out FEN,
 Tokyo. (Rowell)
 11940 R.Singapore hrd 2230-0130 w/Eng. music, ads & news. (Rowell)
 11900 R.Malayasia, Kuala Lumpur noted at 2330-0100. Eng. 0000-0030. (Rowell)
 6070 R.Sofia hrd 2330-0000 w/music & comment. (Boik) In Bulgarian. (Ed.)
 11835 R. El Espectador, Montevideo, Uruguay w/Sp. nx & ads, mx 2330. (Objic)
 6090 R.Santo Domingo-TV hrd w/Spanish ID at 2300. (Hosmer)
 5075 R.Sutatenza, Bogota, Colombia heard with Spanish ID at 2330. (Hosmer)
 5017 R. Bissau, Port. Guinea hrd 2323 w/uno mx, ID & Portuguese news at 2345.
 S/off with bells & anthem at 0000. (Douglas)

Jack	Page	Jr.	
2590	0213		WLO, Mobile, Alabama with Mobil M.O.
2450	0227		Marine Operator, Galveston Texas calling.
2590	0236		Silver Dollar working WLO.
4072	1638		Daniel Webster working St. Louis.
4072	1646		O.A. ? WV8891 working St. Louis M.O.
4072	1647		St. Louis marine operator working above two ships.
4072	1703		Clift Arket working St. Louis marine operator.
4400	1711		Unid. station giving Great Lakes weather.
7545	1728		AAZ6Ø with SSB test tape.
8950	1734		Station giving conditions at various Canadian airports.
9460	1742		AT&T, New York with SSB test tape.
5588	2147		New York Radio working aircraft.
7580	2137		CUW, location unknown hrd w/Air Force SSB test tape.
2190	0315		NMP, " " hrd w/canal report for Ohio River area.
2190	0329		WB6147 heard.
2190	0331		"City of Indiana" heard.
2530	0345		Galveston marine operator calling ships.
2480	0355		New Orleans marine operator calling ships.
2490	0411		Miami Marine telephone heard.
8700	1634		WOM calling WV4653 & PHEG.
4720	1640		Davy Crockett working St. Louis.
4720	1641		St. Louis marine operator working the Davy Crockett.
6490	1647		WJG, Memphis working ships below.
6490	1649		WB7355 working WJG.
6490	1654		Vida Mae working WJG.
6490	1701		Endeavor working WJG.
6490	1702		Lady working WJG.
6490	2002		Betty Sue working WJG.
6490	2010		William H. Craig WJ6585 working WJG.
5580	1258		Honolulu Radio with weather for Pacific area fields.
4720	1306		Pittsburgh Marine operator working ships.
5595	0343		San Francisco Radio with air weather.
5626	0305		New York Radio with air weather.
9110	0357		ZUD, location unknown asking for calls with SSB tape.
5619	0352		New Orleans calling aircraft.
4700	0356		Campfire 7 with military traffic.
4700	0405		SeaShell 6 with military traffic.
4700	0408		Bandfield with military traffic.
4700	0413		Sam Command 300 with military traffic.
4700	0414		Andrews with military traffic.
5090	0338		R. ??, Costa Rica with SSB test tape.
2130	0357		Trawler Helen Kay working Galveston marine operator.
2130	0405		Galveston M.O. working the Helen Kay.
8790	0300		Los Angeles marine operator working ships.
5626	0324		Miami Radio working aircraft.

Joe Mauriello

2750	1115	M/V T. Mike calling Georgetown, Bermuda radio.
2750	1130	Managua Cloud calling Georgetown Radio/Bermuda.
2750	1205	Paris Island calling John-G.
2390	1122	Tug Bert Jackson calling Jacksonville marine.
2390	1123	Tug Georgia calling Jacksonville marine.
2390	1058	M/V Midnight calling Judith II.
2390	1100	M/V Colorado calling M/V Midnight.
2198	1430	Domino Crystal calling WOX.
2198	2410	Tanker Cherry Valley calling WOX.

Joe Mauriello (cont.)

2198	2435	USS Arcadia working WOX, New York City.
2198	1155	Maryland Trader working WOX.
2350	1118	Gulf Coast working Cape Cod Canal.
2350	1145	Grand Explorer working Cape Cod Canal.
2350	1150	Export Ambassador working Cape Cod Canal.
2142	1512	R.H. Hawthorne working Norfolk.
2142	1315	Olympic #3 working Norfolk.
2142	1315	Westgate working WGB.
2738	1332	Volunteer State working Inport Pilot.
2738	1538	Zephyr Memphis working pilot boat.
2738	1340	Tug Alfred Smith with radio check.
2182	2205	Golden Scow working Boston.
2182	2200	Erna Oldendorff working Miami.
2182	1140	Texaco Warrior working Halifax.
2182	0040	Canadian CC-Simco working Yarmouth.
2182	1405	Clam Boat Susan Snow working Cape May, N.J.
2182	1040	USS Whitehall working Welland Radio.

(We are currently considering discontinuing this type of listing due to seeming lack of interest and lack of space. I would appreciate receiving your comments on the matter. Too, your editor is not very familiar with this type listening.)

Cable & WirelessIt has been called to my attention that C.M. Stanbury reported in a recent column in "Electronics Illustrated" that all Cable & Wireless utility stations have been ordered to forward all reception reports to the main offices in London. The main offices in turn send out a form letter quoting ITU regulations and stating that they cannot verify. It would thus seem that the possibility of getting these stations to verify is now nil. The utility listeners next best bet for QSLing the countries concerned would be in reporting to aeronautical stations. (Ed., with info submitted by Richard Jenneman.)

Israeli Point-to-Point.....Peter DeHart reports that he has recvd a letter of acknowledgement for a report he submitted on a transmission by the State of Israel Ministry of Posts on 9590A around 2110. The letter was not actually a QSL but was courteous and a schedule of operations was included. Their address, according to Peter, is: State of Israel Ministry of Posts, Engineering Services-Radio, 37 Yehuda Street, Tel Aviv, (Yafo), Israel. Peter would like to know if anyone has QSL from them.

-30-

THIS MONTH'S SHORTWAVE CENTER REPORTERS:

Andy Noznick, Illinois
 Peter DeHart, Penna.
 Richard Jenneman, Wisc.
 Joe Mauriello, New Jersey
 Ernest Zecchini, Mass.
 Ceser Objio, Dom. Republic
 Phil Zucchi, Mass.
 Frank Peters, Illinois
 Danny Douglas, Texas
 Gary Fredricks, Oregon
 Roger Parker, Illinois
 Ted Templeton, Penna.
 Cam Rowell, Washington
 Ed Brhel, New York
 Ray Fansler, Illinois

Victor Jaar, Haiti
 Marlin Field, Michigan
 Joe Fela, New Jersey
 Ronnie Verner, Georgia
 Gerry Dexter, Wisc.
 Charles Gerran, N. York
 Mark Hosmer, Indiana
 Pat Fitzpatrick, Mo.
 Bob Zabet, Virginia
 August Balbi, Calif.
 Del Beaupre, Conn.
 Jerry Headen, N.C.
 Elias Coulouras, Mass.
 William Stevens, Penna.
 Alan Raylesberg, N.Y.

John Thompson, Illinois
 Raymond Boik, Michigan
 William Sparks, Calif.
 George Zeller, Ohio
 Leo Fleury, New York
 Bert Pestor, Ontario
 Marvin Nelson, New York
 Jack Page, Mississippi
 Dave Schmidt, Penna.
 Don Jensen, Wisconsin
 Your Editor, Ohio

Sincere thanks to all of you!
 Let's hear from even more
 next time. OK? OK!

73, Rom