



NORTH AMERICAN SHORTWAVE ASSOCIATION



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FRIENDS

HEADQUARTERS-NASA

1503 FIFTH AVENUE, A2

ALTOONA, PENNA. 16602 USA.

...IS CONTROVERSY REALLY IMPORTANT?...

Many DXers are members of more than one club and therefore receive several bulletins each month as does NASA hdqs (on an exchange basis). Several of our members have asked why we dont speak out on various topics, controversially, as certain other clubs. Our reason is simple; While we do agree that controversy has its place and that oft times good can come by it, we are of the opinion most results out-of-place and that no good is gained. Most clubs these days, "blast off" in pages of their bulletins, not really for the benefit of the hobby, but merely to attract attention to such as their wanting to be/supposedly being a "voice" of the DXer. In most instances, because the administration of a club dont agree with those of other club(s), it wants to get its point across, state its views, no matter the harm (though possibly not intended so) which can and most always results. Clubs that speak out harshly on controversial issues are not necessarily voicing the opinions of its members, but only its officer(s) who many times think themselves "leaders" in the hobby. For the most part these OM know all the tricks and they use them well, even to point of politicing which has no place whatever in hobby. NASA has and does discuss controversial issues, but no in pages of Friendx; We do it in pages of letters to officers and members inter and intra clubwise! We are well aware that the majority of all members of all clubs are sickened with reading of controversy in bulletins. What with the everyday world, newspapers, magazines, radio and TV bursting forth with controversy, most members of clubs want to get away from such....thats one reason they take up a hobby...to relax, find peace, enjoyment! If a club or clubs are to consistantly "blast-off" in pages of bulletins, they will fend off many potential new members, newcomers to the hobby. The trouble, with one certain club in particular, is that it writes "instructional controversy", rather than const-ruccional! And you better be aware that there is a difference!!!

I am well aware that there will be those who consider this witting a controversial, but they will have to admit it is meant for the good of all clubs and the hobby proper. Yet there are those who will not do so; They will most likely seek to retaliate in ways of their own, as they have been known to do in past.

And so it comes to this....if NASA must turn to controversy, it will, but only if it is important, not just for itself, but for the all of the hobby. We have strived more than any other one club to promote understanding of "Unity and Friendship"....we will not cease our efforts and we will no longer "turn the other cheek". It has come to a time when all SINCERE clubs join together, not for one alone, but for all combined!

Controversy will continue, it must, but let it be done diplomatically, ethically and as between friends all given to equality.

Members of NASA who are co-members of other clubs should let themselves be heard, dont let some officer speak for you, speak for yourself! become a part of all clubs in which you are a member. Get behind the ideals of "Unity and Friendship" and make them resound throughout every club in hobby.

Bill Eddings

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 by application/joining the organization and paying required fee(\$3.00 per year to residents of N.America, \$4.50 per year to all others). This and all editions are made possible through the combined cooperation, support and interest of the club officers, editorial staff and reporting members.

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Our Motto: "Unity & Friendship"

Good will, like a good name, is won by many acts...and lost by one. And while always striving for perfection, this is still a very human world. Thus, should you perchance find fault, either with the contents herein, or with our aims, please be so good as to let us know. Thank you!

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

MEMBER OF THE MONTH...

This month we journey across the waters of the Atlantic to pay tribute to one of the most sincere and enthusiastic NASAers of today. From the very offset of his membership, Jon Gentry has given his support in many ways and has reported regularly. An OM of 23, and now an ARO, Jon has the will and the to/of making friends readily; He is a most apt believer in the motto of our club and has proven it many times, many ways. Those of us who know Jon, hold him in high esteem; Those who are yet to know him are in for an amicable reward. The life of the son of a Vicar is not always ideal for a radio hobbyist, but our member of the month this September '65, has learned to take the good with the bad and has adapted himself well. For the little things Jon has done for us, and for the many of his fellow friends in hobby, we extend thanks and heartfelt gratitude. And our knowing of his modesty, we will not mention his deeds, but will only say "Well done" good friend!

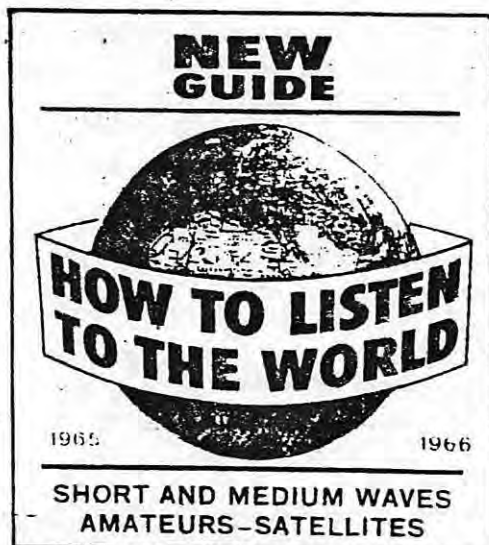


SPECIAL OFFER EXTENDED!

Because of the many requests arriving late, we will extend our offer to accept orders for copies of "How to Listen to the World" published by our friend O. Lund Johansen, Denmark. Although we have already supplied a great number of members with this book, we will continue to supply all others wishing to take opportunity of the service. We will accept all orders for this publication until November 30th. Price, including the postal charges is \$1.75 plus a 10¢ handling fee (total \$1.85) for NASA members only! Orders will be complied with, forwarded to Denmark from where they will be mailed direct to members. Usual time for delivery is approximately one month; Orders are shipped via sea mail. NASA offers this publication to you at 40% discount, same as any/all clubs are given (but few pass on to members!)

To order, all you need do is fill in the form below, send with proper remittance to NASA hdqs. DO NOT SEND CASH!!! Remit by check, personal/bank money order or postal money order. Mint stamps (U.S.) will be accepted too. Overseas members should remit by International money order or IRCs. (Be sure to send proper number so that no delay is necessary!) Remember deadline is November 30th; No orders accepted thereafter!

We highly recommend this publication, especially to newer member SWL/DXers. B.E.



Please send me _____ copy(s) of the WRP publication "How to Listen to the World". I enclose _____ which includes 10¢ handling fee. Mail to:

Name _____

Address _____

City/State/Prov. _____

ZIP _____

THINGS WORK OUT!

Because it rains when we wish it wouldnt
 Because we do what we oft times shouldnt,
 Because things fail and plans go wrong
 Many members grumble the whole day long,
 But somehow, in spite of care and doubt
 It seems at last that things work out.

Because we lose where we hoped to gain,
 Because we sometimes suffer a little pain
 Because we must work when we'd rather play
 Many of us whimper along lifes way.
 But somehow, as day will follow night,
 Most of our troubles work out all right.

So let us tend our troubles, meet our care
 For the clouds must break, skies grow fair
 Let the rain come down as it must and will
 Let us keep on working and hoping still,
 For is spite of the grumblers standing
 about,
 We faithful know all things will work out.

B.E.

CLASSIFIED

FOR SALE: Revere T-100 tape recorder. 2 trak, mono. Runs like a dream. Has all new tubes and new head. For complete info jot a line to; WPE2HTY, 228 Market Street, Amsterdam, N.Y. He also wants to sell a Sylvania oscilloscope. Interested?

WANTED: An HQ-100 rx in good condx and priced reasonably. Write; WPE3GKR, 44 Green Lane, GreenRidge, Chester, Pa.

FOR SALE: HQ-145 rx in excellent condx. Will also include crystal calibrator. Pse contact; WPE9CQC, R.R.#3, Fairfield, Ill.

FOR SALE: "Elizabethan" model, 2 trak, mono tape recorder. Takes all size reels up to 7"; Records/plays 3 speeds. This is a British make, but conforms to all U.S. standards. Complete w/mike. No reasonable offer will be refused! Write; WPE3BWL, 1503 5th Avenue, Altoona, Pa.

FOR SALE: Hallicrafters CRX-2 in very gud condx. For complete info write; WPE3GKR, 44 Green Lane, GreenRidge, Chester, Pa. (Pse know that NASA in no way, at any time is to be held responsible for sales, swaps or purchases made via these ads. Items are listed as a club service to members. We do not solicit commercial ads!)

.....NASA is ANARC affiliated.....

AN IMPORTANT ANNOUNCEMENT

The NASA constitution has been completed and printed. All members in good standing will soon be sent a copy, along with an official ballot to be used for voting in favor of or anti ratification of the constitution. Full data and complete instructions will be given on the ballot forms and must be complied with. It is the priviledge and the right of every member to vote; It is also every members duty to do so! When you receive your copy, be sure to read every word of it before you vote, sign and return your ballot. A date will be specified on the ballot form and all members will be required to have their ballots mailed no later. QTH as to where ballots are to be sent will also be given. Needless to say, once the constitution has been ratified/approved by majority of NASA members in good standing, it will become the law of the club and we will be governed thereby.

QUIPS & QUOTES

(As taken from members letters)

"Surely enjoyed first artide on reception reports. Wat with my low percentage of QSL returns, I'll be reading them all very closely."R.Fansler.

"SWBC section good; Utilities weak, poorly supported; Phonetic pronounciations are a waste of space; SWL-CHC and CHC nothing but a money-making scheme."J.Howard.

"Entering my 4th year w/NASA. Am now out of college and hope to be reporting (BCB) more regularly once my rx is repaired"C.Rader.

"Just want to say that I am now back in the states and have decided to enlist in the Navy. I'll be keeping in touch with NASA however, because its my favorite club even though I belong to others."P.Eaton.

"Would like to extend mny tn timer friend/member Don Jensen for sending me such a FB answer to my question re SA and LA music. Now I know the diff."P.Zucchi.

"I plan on getting a new rx, possibly a HE-80 or HA-80 and was wondering if any of the members who use such would let me know how they like them."L.Bennett, 72-50 Kess. Street, Forest Hills, N.Y.

"Would like to thank Dick Wright for helping me get started in hobby and telling me about NASA."P.VanderMeulen.

...30

NEW

MEMBERS

WELCOME

NEW

MEMBERS

Bob Kuzmicki, Verona, Penna. "Age here is 16 and I am a Jr. in high school; Have been DXing for about 8 months. Gear is a Hallicrafters S-120, Airline 4604, Nova-Tech Aero, Policalarm PR-9 and an Ekotape recorder. Antenna is 180' longwire and a Hygain GP. I monitor SWBC and MW. Other of my interests are electronics, coin collecting, awards & contests. I first learned of NASA via E.I. magazine."

Bert Pector, Ontario, Canada. "Shack here consists of Hammarlund HQ-145X, Hallicrafter S-77 and Heathkit Q multiplier. Antenna is a 65' longwire. I DX SWBC bands and have over 200 QSLs to date. Am interested in awards, cardswapping, photography, stamp collecting, also contests and tapesponding when time permits. Recently married, I am proprietor of a G/C store. Age is 59. Joined NASA on recommendation of CEXC/NASA friend."

Debbie Wygal, Anchorage, Kentucky. "I am a high school freshman of 14 and have been a DXer since January of this year. Mt rx is a Hallicrafter S-120. Other shack equipment is a 24 hour cluck, headfones; Antenna is a longwire. I DX the SWBC, MW and Utility bands. Am interested in awards, contests, music and sports. Read about NASA in the '65 Communications Handbook, it is my first club and I think its tough".

Louis Molina, Bronx, New York. "I am 28 years old, married and am a graduate of NYCC. DXing interests are SWBC and hambands, I have 85 QSLs so far. Rx is a Hallicrafters -119 and a National NC-109, also have a Lafayette HB-400 CB xcvr. Other of my hobby nterests center around coin, stamp and rare paintings. Also interested in contests & ards. Joined NASA after hearing of it via member Francis George."

Wiley Clarkson III, Fort Worth, Texas. "Am a native Texan born and raised here in Fort Worth. Am 16 and will be entering my Jr. year of high school. Hold novice call WF5GQH and plan to take general test soon; Also hold WPE5LTK. I DX the hambands only, use a Hammarlund HQ-110 w/ 80 meter inverted V antenna. Other interests are contests, awards, HO model trains, geology and acrheology, would like to have penpals. I first heard of and joined NASA via Dick Little, Hamband Editor and a fellow Texan."

Russell Keeler, Cleveland, Ohio. "I'm 35, single and am in the insurance business. I use a Hallicrafters S-108 rx and longwire antenna to monitor SWBC. Have only recently started SWLing. Other of my interests are stereo/hi-fi, awards, contests and oriental games. Am a member of ASWLC and NNRC. Read of NASA in Communications Handbook."

Ronnie Hogarth, Baltimore, Maryland. "I'm a rather newcomer to the hobby, having only rcvd 10 QSLs thus far. I do most of my listebing on SWBC, but some on BCB and Hambands. Awards and contests interest me and I'm also interested in astronomy. Equipment here is a Knight Kit StarRoamer, Hallicrafters S-118, Q multiplier. Antenna is an outside longwire and indoor HyGain. I read about NASA in P.E. Comm. Handbook."

Fred Adams, Butler, Indiana. "I am 15 and a freshman in high school. My father is a Lutheran clergyman. Rx I use is a Knight SpanMaster with a HyGain SWI antenna; Also have a DX-20, a Wollensak tape recorder and earfones. My interests include contests, awards, fishing, sailing and reading. Am a member of the EBCSWC. Read of NASA in P.E. "

Phil Smith, Kettering, Ohio. "I got my call WPE8IIA in January of this year. I use a Hallicrafters S-38# rx and a 30' longwire antenna rigged in our attic. Have 27 QSLs so far w/44 states hrd, 20 veried; I am a Hamband DXer. Am interested in certifs and contests, also all kinds of sports. NASA is my first club, I read of it in E.I. "

James Thornton, Santa Barbara, California. "Have been interested in SWLing since my gh school days, but the AF, college and vocation have QRM'd quite a bit. Presently attending radio school to obtain my 2nd class RT license. Age is 31, am married and have 3 jr. ops. Gear consists of Lafayette HA-230 and Knight R-100; Antenna is a 40' longwire, inverted L shape. My DX interests are on SWBC; Other interests are contests, awards and electronics. Am member of ASWLC; Heard of NASA in P.E. Comm. Hndbk. "

..cont'd...

New Members WELCOME, cont'd.....

Clarence Wahl, Wichita, Kansas. "My SX-100 was a Fathers Day gift. Have logged 24 countries since getting it (6/20/65). Am generally an SWL as I like listening to stations for cultural entertainment/programs. Other gear here is a Webcor AM-FM multiplex; Antenna is a HyGain 14AVQ vertical. Also have a Webcor tape recorder. Am interested in awards, contests and cardswaps. Other interests included here: the breeding and showing of purebred collie dogs (have won some First Places in National Collie Show!) At the present time I have a number of reports out and should be getting QSLs soon. Too, I am working for my novice ticket. Age here is 48, married, have 4 "QRMers". NASA is my first club and I read of it in the 1965 edition of P.E. Communications Handbook."

Dan Shoaf, Houston, Texas. "A native Pennsylvanian, now residing here in W-5 land. I am 20, single and attending college. Began DXing in January of this year, use a Zenith 3000-1, GE T-290A, Silvertone 9084PX and Delco mobile....all except latter have built-in antennas. Other gear is two taperecorders and a mike mixer. I DX all bands, am very interested in awards and contests, hope to start cardswapping and limited patter via tape. Other interests include cine photography, golf, baseball. Am an NRC member, hrd of NASA in the latest edition of P.E. Communications Handbook."

Austin Arnold, Litchfield, Connecticut. "First began DXing in 1926 on MW w/a 2 tube RCA rx...then went into SW early in 1964. Moer recently getting interested in awards and QSLs. Rx at present is a Lafayette HE-30, Heath AR3 and Realistic RP30-50. Antenna is a 100' longwire NE/SW, 22½' high. Other gear is Heath FM tuner and amplifier. I am a member of RCSWC, CDXC, ISWL, EIDXC, DXI, ASWLC and RBSWC. Read of NASA in various of the club bulletins. I am 52, married and have a son."

Bob Taylor, Clarksburg, West Virginia. "I am 14 and a sophomore in high school. Have been DXing for about a year now, but am just starting to collect QSLs. Had been using an old RCA radio/phono combo, but now have a Hallicrafters S-120 w/50' longwire as antenna. Also have a Recordio taperecorder. I DX on MW and SWBC, am interested in awards and contests. Read about NASA in Radio-TV Experimenter."

Tim Brunton, Ontario, Canada. "Handle here is Tim and I am just beginning in SWL hobby. Hope to gain experience and someday go after a ham ticket. Age is 15 and I am entering my 11th year of school. Gear includes SX-110, Q multiplier, Wollensak recorder, and the antenna is a trap dipole. I'm interested in awards, also biology, photography and music. Am a member of CDXC...hrd about NASA in '65 Communications Handbook. Would welcome any all mail from other SWLs/AROs; Am most wantful to support NASA motto."

Sandra Bailey, Elmira, New York. "Credit Richard Jenneman with my joining NASA! I am 23, single and a cosmetologist by vocation. Am interested in awards, contests, cardswaps and DX penpals, also collect LPs. Rx is an S38E w/Mosely antenna. I DX BCB, Utility & hambands. Am a member of IRCA, and now also NASA."

D.A. Banker, Wellsburg, West Virginia. "Am just setting out (getting started) in the hobby and am much enthused. Age is 37 and I am married, work for NCR. Mainly interested in SWBC, use a Knight StarRoamer w/75' longwire antenna. Have 12 QSLs so far. Hope to get active, earn some awards, enter some contests. Other interests include woodworking and golf. Am an NNRC member; Read about NASA in E.I."

Jean-Pierre Duburcq, Amiens, France. "I am a student of 19. My interests are SWL/ARO, electronics, cardswapping and travel. My rx is a Lafayette HE30; antenna a W3D22 er Hertz; Other gear is tape recorder and grid dip meter. I am a member of Radio FEF. I join NASA via ami/member Paul Bassiri."

Elias Coulouras, Cambridge, Mass. "I am 18 yrs old and have been DXing for 4 yrs. My interest is SWBC and BCB. Rx is a National NC105, antenna is a longwire...also have a preselector. Have hrd 60 countries, QSLs de 33. Prized QSL is de Radio Senegal. Other intersets are coins, photography and astronomy. Hrd of NASA in R-TV Experimenter."

Steve Poley, Orlando, Florida. "I've been an SWL for a year now but only took serious interest last Jan. My rx is a Knight StarRoamer, antenna is a 3 center trap. Also have an RCA rx. I monitor SWBC, utilities and BCB. Am interested in awards, contests and stamp collecting. Read about NASA in Electronics Illustrated."

(Those new members joining after 23 August will be listed in October edition of Friend)

RENEWALS: Happy we are to announce receipt of renewal fee's from Bill Colyn, Donald [redacted] sen, Sam Rowell, Larry Launey, Joe Mauriello, George Hall, W.R. Davis, Dan Wilt, Ed [redacted] lton and Tim Davisson all for their second year in NASA; Lavoyd Kuney, his third yr. and Charles Rader, one of the few to be with us for his fourth year. Nice to have you all on board again and am sure you will admit we have come a long way since the days you first joined. For the most part gents, the credit is yours, for without such support and reports most of you are known to send/give regularly, we would have been long gone.

CHANGE OF QTH INFO/DATA: Hdqs acknowledges new QTH info from Don McKenzie; Also verifies info from Paul Eaton that he has returned to the states and has enlisted in the U.S. Navy; Info from Andy Kasparson that he is now in the USAF and stationed at Lackland AFB; Info from Normand LaMontagne that he has enlisted in the U.S. Navy. We would also like to thank several other members for notifying us in advance of their plans/plans re joining or being inducted into services. Tnx again and luck to you all.

SEPTEMBER BIRTHDAYS: Sincere 73 and many happy returns are extended the following NASA members all celebrating birthdays this month; John Feltmate, Alex Primm, Bob Gordon, John Feldman, Bernie Koenig, Vince Hastie, Silvio Marini, Del Green, Billy Williams, Jim Johnson, Wiley Clarkson and Elias Coulouras.

SPONSOR NEWS

A few months ago Hdqs asked for donations from anyone interested in sponsoring new members from various/assorted Communist countries who can't send money due to diff circumstances; Response was rather good. Five OM, 2 from Cuba, 1 from East Germany, 1 from Hungary, have replied with thanks; 1 from USSR and 1 from Rumania have not replied as yet. As soon as all have sent in their completed application forms, hdqs will notify their sponsors and the individuals will be listed in new member section of Friendx. After these five have been given official membership, we will accept no more donations, but will specify that any/all desiring to join NASA, and who live in a communist country, forward membership fee in form of mint stamps which we can have exchanged into U.S. form. However this does not mean to say that we will refuse to accept donations from members who wish to be sponsors! Money cannot be sent out of the communist countries, but mint stamps can be...and since we can exchange them for mint U.S. stamps, they are as good as cash. We institute this action mainly to keep "free-loaders" out of the club (wther you know it or not, there are some!)

to those of you who are penpals of DXers in communist countries, and who say they would like to join NASA, pass them the word that all they need do is fill out an app and send appropriate fee in mint stamps of their country. Any comment? Write hdq!

NASA FUNCAP CONTEST

Quite a bit of response/interest is being shown in regards to our funcap contest and numerous captions have been rcvd (some are quoted below!). Several entrants suggest their names be given, crediting them with their captions, thus beginning this month we do so. Dont forget, you can enter as often as you like and there is no fee. All you need do is send your captions to hdqs and the only requirement is that they in some way pertain to radio or related hobby. Caption selected as funniest, come December '65, will be winner of a transistor radio.



"Hey Mac! Guess wat I just found? And a stack of old NASA bulletins too!" (J. Page)
 "There's a native sitting back there in front of a broken down ham rig, playin mx on a fono. Only truble is he only has one record and its "Kiss Me Honey". (D. McKenzie)

AROUND THE CLUB WORLD

The NRC (National Radio Club), oldest of BCB only clubs in NA, has announced that it will increase membership fee from \$4.00 to \$5.00 per year (34 issues via 3rd class) \$7.75 per year (34 issues via 1st class) \$10.50 per year (34 issues via air mail.) Increase is effective as of 31 August '65.

The WMRC (WorldWide Monitors Radio Club) recently lowered its membership fee from \$3.00 to \$2.50 per year to all members, is for 12 issues of "DXers Digest".

ASWLC II's "SWL" now contains a column by former Exec.Editor, present Publisher, Gerry Klinck who claims to be "the DX Worlds only independent SW news analyst/columnist."

NHRC (Newark News Radio Club) largest and oldest DX club in NA, continues to roll along despite the thinking of some that it hasn't changed in years.

DXI (DX Inter-National) has announced its affiliation with ANARC and hopes to name its Representative thereto soon.

CDXC (Canadian DX Club) "Cadex" contained no SWBC section in August edition, and (quote) "Explanation next month, when there won't be one either."

ESDXC (Empire State DX Club) exclusively for New York residents, promises to be one of better/worthy of the newer clubs. Its bulletin, though done by ditto process, is neat and informative, well done.

NZDXRA (New Zealand DX Radio Assn) has requested/invited bulletin exchange with NASA. We are pleased to comply/accept. Our tnx to Ron Seager and to Clive Cumming. Monthly exchange will be via airmail.

TNDXL (Trans-National DX League) had been having some troubles and editings of its bulletins were quite sporadic; However more centralization has been worked out and they are in hopes bulletins will continue on a more regular basis.

NASA (North American SW Assn) will soon release completely revised awards program and name/appoint an awards manager.

VIEWPOINTS

The first thing some clubs must do is to learn that no association can survive unless there is a spirit of cooperation and willingness for understanding between all therein concerned.

It has been said by one in particular, that the ANARC is a failure. Thus we would then ask, is it really a failure or is it just that it has not enacted/reacted to all the wants/opinions this particular club has voiced/given? Does this one club think nothing can succeed unless everything is done its way? Does this one club consider itself the voice of the entire realm of NA clubs? members therein?

The ANARC was built on democratic principles and although we agree it has made no or little progress in some ways, it should be and it is obvious much progress has been made in other ways. Nothing worthy can be accomplished in a matter of a few months...not completely...when those who join do so, not to better/help it become beneficial to all, but just for they themselves!

As we see it, some clubs now in ANARC have joined in hopes of getting possible benefits they seek/want...they didn't join for reasons of wanting to share/help bring about possible benefits for all enjoined. Each club is governed independently, but when joining ANARC they are agreeing to bond together as one working, efforting, seeking to bring about harmony, cooperation and goodfellowship between one another, as well as trying to solve problems that will be beneficial to every member of all clubs. Sure there are and will be differences of opinion re the modes of how to solve the problems, but if the club officials, the ANARC reps and the majority of members will sit down at a common table and discuss matters sincerely, as equals...not one thinking himself better than another, good can come. Trouble is some clubs are "one-minded" and when things don't go as they wish, they lose interest, even at times become radical.

The fault that many clubs refuse to face is that they themselves are to blame for the slow progress ANARC has thus far been able to make. They contain nothing re the organization in their bulletins; Majority of their members don't even know what ANARC is!
B.E.

Special Report

Special Report

RADIO IN LIMA, PERU

by Don Jensen now touring in SA and LA

While the World Radio-TV Handbook lists nearly thirty broadcasting organizations in the capital of Peru, Lima and its nearby port of Callao, and a check of the municipal telephone directory shows about the same number, the two lists are not exactly alike. While touring Lima, other stations are found to exist which are not found in either list, thus obscuring further, the broadcasting picture which seems as mucky as the weather here in the Peruvian capital this season.

Though many stations are hrd on MW, a mornings walk around Lima's downtown section, even with a list of addresses provided by WRTH, might convince one that there are few stations here. A few of the major, Radio La Cronica, which shares a multistoried building on one of the main streets, Avenida Tacna, with a newspaper of the same name; Radio Luz and Radio Victoria, a few blocks away, are easy to locate. Most of the others proved nearly impossible to find. Often, even once the address of the station was found, no signs could be located within the building to identify the stations studios.

After awhile, one discovers the trick of locating these stations however; Glance at the rooftops and spot the antennas. From this evidence it soon becomes apparent that about every fourth building in the heart of the city houses a radio station. For an observer accustomed to the 200ft or more of vertical tower used by most U.S. broadcasters, the antenna systems used by Peruvian stations seem very primitive. A few do use conventional towers though the tallest I've noted, about 300ft, belonged to the channel 13 TV station Televisora Panamericana, on Avenida Araquipa. Most seem to use a horizontal dipole about 20 or 30ft about the roof of the average three or four story buildings. These simple dipoles and other wire arrays, are most often suspended between a pair of poles, sometimes a pole sections of television tower, such as supports a TV receiving antenna at most times in the States. In a few instances, the simple antennas were merely stretched between two flag poles on top of buildings.

Inside, the operations and equipment of the better stations par that of the average in the U.S., though alot less formal. On some occasions I simply wandered around the station without even being asked what I wanted. Smaller stations, like the unlisted Radio Union on Avenida Abancay, are simply plain rooms or room on an upper floor of a dingy office building.

Based on a sampling of programming hrd on SW back home, I had expected a heavy dose of the Indian-flavored national music, and though this can be hrd on stations located in small cities and towns, particularly in the Andean regions, the Lima stations favor R and R, both U.S. and Spanish forms, and other LA musical styles such as the mariache of Mexico, Argentine tango, meranque, etc. One station, Radio Cieri (Fii) one of the very few such outlets, drew newspaper criticism this week for its heavy R and R diet, though to be fair, everytime I tuned it in, I hrd classical music.

Oddest of all here is OBZ4L, La Voz del Oriente-560kcs, announcing as "el primer del dial", which broadcasts oriental language programming and Chinese music for Lima's large oriental population.

A sampling of other stations hrd in the capital here are; Radio Luz with pop U.S. and L.A. dance music; Unlisted Radio Universal ("Aqui Radio Universal, 660kclas, transmitiendo desde estudios en la Avenida Buenos Aires 934, Callao"); Radio El Sol, 900kcs w/ classical music, announcing as "el senal de mayor calidad"; and Radio Ritmo, 730kcs, an outlet featuring U.S. jazz and lively L.A. tunes. (Bad modulation and 60cycle hum as well as cueing tones and other evidence of automated operation on this one.)

And so that is my report of broadcasting in Lima, Peru...at least as I've noted so far.

foregoing was received direct from Lima, written/mailed by Don Jensen exclusively for Frendx. 28 VIII 65. Possible other reports will arrive from him later as he continues his vacationing tour in various of the SA and LA countries. Our thanks to him and also to member Jon Gentry who tells of his vacation/tour in other pages of this edition of Frendx. B.E.)

Say you saw it in Frendx!!

TV DX
by Bob Gordon, NASA

For those of you who have started to read this article, let me thank/congratulate you for showing interest in the latest and one of the most rapidly growing fields of DXing. TV-DX not only allows the DXer to hear his catches, but also to see them as well. In this series of articles we will attempt to show you how easy it is to get started.

To begin with, let's take a look at the TV signal. The actual reception of VHF-TV (on channels 2-13) is very similar to that of FM-DX; Skip produced in the ionosphere provides reception between 600-1500 miles. However, below that range, the troposphere must do the job...this usually occurs during periods of fair weather. On the other hand, VHF-TV channels are split into two bands; 2-6 are considerably below the FM band and here the skip is much more common than w/FM stations. Channels 7-13 are above the FM band, consequently the only main source of DX is skip from the troposphere (latter also applies to UHF-TV although scatter techniques also promise some good catches.) Channels 2-6 would be a real DX paradise except for one factor...interference. Channel 2, lowest in freq, is best for DX skip, but via co-channel interference, will cause poor reception, many times destroy it completely on channels 3 and, a local on channel 3 will knock out DX reception on 2, 3 and 4. With so many stations and only 12 VHF channels, interference has become the biggest problem for TV-DXers.

In selecting your equipment, like most of us you begin with whats available. With this in mind, any set will do, however some are better suited than others. One thing I would suggest is that the new TV-DXer stay away from 21" screen sets (which can be a hazard). You might like to try for UHF DX, so a good VHF booster/UHF converter will be needed (assuming you use an old set). Make sure your set has sufficient IF and RF stages! Your best bet in purchasing is to get a good/used pre-'52, small screen job and then add a booster/converter with good IF and RF stages.

In selecting your antenna for VHF, disregard indoor types, you need an outdoor one, preferably a yagi. You can build your own or buy it commercially built. And if you have the money, one of your best investments will be an antenna rotator. Whether you build or buy, your antenna will be directional*to some extent (*directional!)...some more so than others, thus a rotator will be an invaluable aid.

Now...what do you do once you have logged a TV-DX station? The obvious thing to do is send a report. Give the date, time (in stations zone), signal report for both audio and video, mention interferences, etc. (but never use ham abbreviations!) and give a report of what you have heard/seen. In addition, the best way to get verification of a TV station is to send along a snapshot or photo taken off the screen of your set, showing the ID of the station. This then will be our subject for next article....How to photograph TV pictures. So until next time, good DX and happy viewing.

(We would like to point out that Bob Gordon, though a young DXer, is much knowledgeable and experienced in TVing and is currently building his own amateur TV station. We also wish to point out that it is not definite as to whether a TV section will become a regular section in Frendx at this time, it will depend on interest shown by members and possible support given. Too, being that ours is a radio club, and majority of our members are radio-minded, we are skeptical about adding "outside" interests/hobbies to our bulletin. Though TV is, in a way, related to radio...so is CBing more so, yet we do not cover/contain it in Frendx, even though many of our members are CBers.

Finally we would like to extend appreciation to our HamBand and our MW editors, Dick Little and Joe Fela, for offering to do the TV section (if it be approved!) These two OM have volunteered to take on the added task in addition to their regular sections, yet for reasons Hdqs deems in best interest of the club, they have been refused. We are pleased to report both understand and appreciated our reasonings. And so, summing up, we do not plan, at this time, a regular TV section, but will contain articles as par above from time to time, depending on interest shown; interest given. If then, you are a TV DXer or have interests in TV DXing, now is time to let yourself be heard.)

The ANARC Reporte

By NASA Representatives Doug Benson and Frank Peters

LET'S CLEAR A FEW THINGS UP

We've received letters from NASAers (bless 'em) following last month's commentary in the Reporte for July. Phil Zucchi wrote from Mass.; "I think the ANARC Reporte is just not getting across to the members", hence the lack of cooperation and replies from you. All right, good friends and interested parties, let's set the record straight. First of all, ANARC is NOT a club. It is an organization, without any club affiliations, independant unto itself. Its ranks are composed of Representatives from each affiliated club, with one Rep. per 150 members in each club. The Representatives keep in contact through the Newsletter, published once or more per month from Racine, Wisconsin, home city of the current Executive Secretary, Don Jensen. Proposals, submitted by club members (that's YOU) are passed to Don by each club's particular Representative(s) and are included in the Newsletter for possible vote. Each Representative has one vote, with majority rule abiding in most instances. This is basically the way we operate. No gimmicks, no "prima donnas", no influence or "sway" exhibited anywhere.

NOW...HOW DOES ANY IDEA, PROPOSED BY ANYONE, REACH THE VOTING STAGE, AND WHAT HAPPENS? First, the proposal is screened by your Representative. If he feels it warrants passing on to the committee for a vote, he'll do so. If he does not, he'll so inform you, and simply discard it. In doing this, the representative calls upon his years of experience in the hobby, his knowledge of precedent, and his knowledge of what similar ideas have failed in the past. This month, Frank and Doug have discarded the following proposals; That stations issue QSL cards instead of Letters (we told the writer that money difficulties often made this impossible, and that any verie was to be regarded as a favor to the listener from the station, hence that the proposal might be just a wee bit demanding); That ANARC begin a Country List at this time (this has been tried in the past, and at this time cannot be done, due to the many lists in existance and the impossible task of choosing one to use without offending others)... We have passed on, with our okays, these proposals; A suggestion that there be an ANARC Courtesy Programs Comitee (An idea which, at this time, could be instituted with a good chance of success) and others. Now, there's a quick synopsis of how things WORK at the level of the Representative. Let's see now what happens after that.... Any proposal okayed by the Representatives goes into the ANARC newsletter, and is proposed for a vote. If the answer (requiring a month for mailing and evaluating) is accepted, a committee is then formed to work on the problem. You can follow its progress each month in our ANARC Reporte. If the proposal is voted DOWN by the Representatives, it is tabled, for possible action at a later date.

HAS ANARC HAD MANY PROBLEMS? You bet it has. Foremost among them is that, when, in the past, proposals have been voted favorably, further action has been lacking. Either a committee could not be formed or, after formation, enough response could not be fostered to work out well. AT ANY RATE...ANARC has learned its lesson. We have had a number of good, honest proposals fall apart because of simple lack of confidence in the organization by individuals. Therefore, the ANARC is now concentrating on ONE THING AT A TIME, and following that one thing to its successful conclusion. Our objective now is to convince individuals, stations and those in broadcasting in general that the organization can produce concrete results.

To that end, the Frequency Recommendations Committee now is in full swing, with a number of the world's broadcasters submitting their proposed frequencies for coming year's transmissions. These are studied and the station is advised what interference is present on the particular frequency, how the emission will and is coming in here in North America. Now, this in itself is a tremendous breakthrough for any non-profit organization's contact with broadcasters. Imagine, if you will, a group of persons, being paid naught, interested only in the furtherance of the hobby and attempting to aid broadcasters in their endeavors. Can't you imagine what this work must mean to a station that spends thousands of dollars a year on frequency evaluations? This then, at the moment, is the organization's major project, and we feel is worth everyon's support. After the FRC is rolling smoothly, ANARC can more easily turn to other matters now before it. But we want you to realize that the next report you submit to that elusive station just MIGHT BE VERIFIED BECAUSE SOMEONE REMEMBERED THAT A NON-PROFIT ORGANIZATION THOUGHT ENOUGH OF THEM TO HELP THEM SOLVE THEIR BIGGEST PROBLEM...that of actual reception of their broadcast. Now, who's heading the Frequency Recommendations Committee? Dick Wood of ACRC. Dick, a master of languages, was born in Great Britian, and probably knows more about the problems confronting world broadcasters than any other man in the hobby today.

IS THIS THE ONLY ACTION CURRENTLY BEING TAKEN BY ANARC? No, Stan Stanbury is heading up the Manufacturers Liason Comitee, in which he's attempting to convince manufacturers to put out devices that the SWL can use. The NC 190, in which the SW bands are calibrated as are the ham bands on most sets, and the Mosley SWL-7 antenna, cut for the SWBC bands, are the type of equipment Stan is working to market. To be sure, it's a hard job, a toughie and no results may perhaps be expected this year. But remember that the committee IS THERE. It's working for you. We want you to be aware of it.

HOW COME I NEVER HEAR OF ANY OTHER PROPOSALS IN THE "REPORTE", YOU MAY BE ASKING. HOW COME WE DWELL CONTINUALLY ON THOSE TWO COMITEES? Simply because, as we said, the whole effort of ANARC's existance is presently concentrated on those two committees. We don't want to "spread ourselves too thin" and have these committees flop, as have others in the past. And if you're wondering why the Reportes in the past have urged your support over and over (Yes, we'll admit that can get boring) it's because we want you to be aware of the part you must play in determining whether or not the organization fails or succeeds. TRYING TO AMASS ANY NUMBER OF CLUBS INTO ONE SOLID, WORKING GROUP HAS NEVER WORKED IN THE PAST. THERE HAS ALWAYS BEEN TOO MUCH BICKERING BETWEEN CLUBS. ANARC, WE FEEL, IS OFF TO A BETTER START. WE'VE FAR OUTLIVED THOSE CRITICS WHO SAID WE WOULDN'T, OVER A YEAR AGO. However, we simply don't want to charge pell-mell into varied ideas and proposals that might undo the solid foundation we've built so far. Know this for sure; Your letters don't need to be chock full of earth-shaking ideas. All they need do is say "I support ANARC." It was brought to our attention this month quite graphically that many NASAers are not only unaware of what their part in ANARC is, but don't truly realize how the organization works. We hope that this month's reporte has helped clear that up for you. We hope too that you'll continue to submit your ideas to your Representatives. They'll be submitted, if sound, to the Executive Secretary of ANARC for further action, as we outlined on the previous page. This month's Reporte was prompted by two letters, each in its own way letting us know that our approach to the Reporte was only half-effective, as many members have had no idea what ANARC was. Thanks fellows. We'll continue doing our best for you and NASA.

NASA

SHORTWAVE CENTER >>>

— SWBC —

LL GMT

Compiled at NASA Hdq.

Deadline 20th

First and foremost this month I would like to inform all SWBCers that a new editor may soon take over this section. Needless to say we are much in hopes such will result, knowing it will improve the section. Appointment/acceptance of the editorship is, time being, tentative, but hdqs is optimistic. The OM in point is most experienced, is very much respected and well known throughout the DX world. His taking over this section will in many ways benefit both our bulletins and our club proper. Such an OM has long been sought by NASA (by all clubs) and we are therefore most elated that he is giving us his first consideration. As soon as anything definite/official has been confirmed, it will be contained in pages of *Friendx*; Meantime we ask your continued support and that you keep sending reports for this section to club hdq until further notice. Tnx!

A goodly number of you have been writing in asking about the progress re proposed NASA SWBC TARGET; In response I can only say that this and several other of our plans have been side-tracked due to the work load here. However, none have been canceled; We still intend carrying them out. It is certain that as soon as an editor is named for this section and hdqs has more time to devote to these matters, in cooperation with said editor, plans and progress can be expedited. Our thanks to those of you which are interested enough to write; Your letters are appreciated.

Many of our newer members, the SWBC "new breed", have written us saying that due their returning to school/college, they may not be able to report as regularly/worthily as they have been the past few months; To them we would say we understand. Matter of fact it has always been the opinion of hdqs that personal life, vocation and education are far exceeding hobby interests when it comes to priority. A hobby is, for the most part, a pastime and is to be partaken of at leisure, for enjoyment. NASA does not ask that you shirk other duties/interests in favor of SWling/DXing...we only ask that you be good enough to report when you can. No member is required to report!! We have always felt a member will do so on his own, in keeping with our motto. So, to those of you entering another year of school/college, we wish you all the very best of luck and success. Too, we ask you to remember your fellow members, to let them/us hear from you on occasion and that should you have time for twirling the dials of your rx now and then, you submit reports, etc. One other thing...keep amind the possibilities radio offers you in idioms of education; Newscasts, foreign languages, music appreciation, customs of far away lands, are just a few. Many of today's teachers are "in the dark" as to SWling/DXing re SWBC....why not tell them about your hobby and perhaps also of NASA? Maybe even let them read a copy of *Friendx*. Be proud of your hobby and club; Be assured we are proud of you, especially you younger/newer members who we look to as the oldtimers of tomorrow. Remember, even in school/college, practicing the motto of our club is just as important/rewarding as it is in hobby....perhaps moreso. Again we thank those of you who have written, your interest and sincerity are appreciated!

Bits de our SWBC mailbag: "Is Radio Trans Mundial actually Trans World Radio in Spanish? (Zucchi)...I was glad to see Mike Scott in new member list last month. He is a good friend I met some years ago via the Australian/ABC "Mailbag" program.(Fansler)... Corrections for last months Loggings/Reports column; RAI should have been 11905, Radio Budapest 11910; VLM4 is not R.Australia, but rather Domestic Service of ABC; R.Japan on 6055 is actually Nipon BC Co, not NHK.(Rowell)...Brazzaville relay of Eng nx at 1900 on 15190 is ORTF, not Paris direct; QRM of CFRX on 6070 at 0900, reported by Pete Drew, is Radio Sukarnobura, Kotabaru, New Guinea.(Balbi)...I read in recent *Friendx* that Balbi reported XERR on 15110 moved to 11mc band, yet Rowell reports hearing it on 15110. Who is right?(Zucchi)...I dont think it fair to judge a DXer by QSLs rcvd.(Langev)

"JUMPING GERTIE"

by San Rowell

The nickname "Jumping Gertie" is my own, but I think it applies to RBI which changes frequencies so often that I doubt even its engineers know where they are operating. They certainly pay no attention to the ITU agreement!

Why they choose 11930 and 9770 at 0345-0445 to WCNA (neither is listed) I can't figure. Do they use 9770 because the BBC uses 9765 to Europe at 0330-0730 including German at 0430-0515 and 0545-0615 so that listeners are confused? Do they use 11930 because BBC is on 11925? Last year RBI used the "trick" by operating on freqs next to those of Deutsche Welle! It is evident that RBI is not just seeking better freqs, but that it is plainly trying to confuse listeners into thinking they are hearing a program they ain't, and to trick them into hearing RBI itself.

But then RBI isn't alone in these antics...Radio Cairo and Radio Havana are equally as guilty....moving about all over the bands with no respect for the ITU agreement. Can it be that these three stations consider themselves so important that they must be heard? Seems to me if these three would broadcast the true facts in newscasts, and have programs of interest to listeners, no matter where they were on the bands, they would be more appreciated/respected and therefore attract a better/larger audience.

CITY COUNTING

by Gerry Dexter, DXRA

Since the birth of SWBC DXing, the country list has been the principle means of tracking one's ability and progress in the hobby. To a lesser degree counting stations heard and verified has also served this end.

Some months ago, members of the DXplorer Radio Assn expressed dissatisfaction with the country list system, pointing out its inconsistencies and continually changing form. Thus the members decided to attempt to find a way of improving upon the country concept.

Literally, pages of written discussion and many hours of talks between closely located members failed to come up with an acceptable solution, an alternate counting system.

As the group neared the point of exhausting all possibilities, a new idea presented itself. Instead of attempting to do away with the country list, why not accept it with its bad points and instead, find a third system to compliment the other two.

A third system was found..namely counting cities heard and verified. The newest concept in DX record keeping is presented here in pages of Friendx for acceptance or rejection on an individual basis. The DXRA feels it can be an exciting and interesting new concept which will offer a fresh approach to showing how well a DXer is doing in his efforts. The new system has no formal recognition other than that of the Assn and none is especially being sought. It is offered here in keeping with our aim of doing what we can to improve and further add to the interest of the hobby.

DXRA has set up a few simple guidelines for city counting which, again, are not mandatory outside its membership.

1. The announced or listed city from which the station operates is the city to be counted. Thus the CBC counts as Montreal, not as Sackville. This guideline is based on the practice of BCB, FM/TV DXers who, in many cases, tune stations with xmtrs not in the announced city, but count the announced city just the same. To do otherwise would unnecessarily complicate the system.
2. Stations which involve no city, such as Radio Americas, Swan Island, do not count.
3. Ship stations count only if they are docked at a port-city.
4. Clandestine stations count only if the consensus of DX opinion places the station in a certain city.

Although DXRA members have been using this system for just a short time, majority are happy with it. Naturally DXRA is happy to contribute something to add interest to the hobby and we hope the system will be used as a second or third measurement system of DXing results. (NASA Hdq would like comments/opinions from any/all DXers re the above. It should also be mentioned this article is presented in cooperation w/DXRA and does not necessarily mean is officially agreed to/with by NASA proper at this time. B.E.)

RECEPTION REPORTS #2

Second in series by Gerry Dexter, NASA/DKRA

As was mentioned in part One, there does appear to be a need for a greater dissemination of knowledge about the basics of a good reception report. So, even though much of this may be "old hat" to some of you, it is included for the sake of completeness and for those few who write a "reception report" in six or eight lines.

To begin, the report should be typed or written plainly and should certainly be a true and accurate picture of your reception. If the signals were poor, say so, don't attempt to make the engineer at the station feel good because the signals were "booming" in at your locale. He may receive another report from your same area that truthfully depicts the reception. Simply put, the time-tested phrase "Honesty is the best policy" holds true for reporting.

Identification of the sender and recipient is important, especially since many reports seem to go astray in the mails. Your name and full address should be on the outside of the envelope as well as on each/every page of the report. The stations address should be as accurate/complete as you can make it. Call letters, if used by the station, are a help because they emphasize to which outlet you were tuned. Names of persons who sign verifications are a big help, provided they are current, and if you locate the name of a verie signer through club bulletins or DX friends you may find it advantageous. If no verie signer can be found, think a moment about the size of the station to which you are reporting; Big stations don't require a verie signer, but small ones usually have the manager sign, while middle-size stations seem to allow most anyone.

Don't leave your report lay around for weeks before writing/mailling it! Make it a habit to get them off at least within a week.

The body of the report should again include the stations name or slogan and call, if any. The freq in kcs or mcs, plus the wavelength in meters should be given. And if the freq is approximate, state so. Of course the date and times, both GMT as well as local time of station, should be specified. Remember that 0000/2400 may be midnight where you are, but it is already tomorrow GMT, so you may have two dates to indicate.

Next, a report on the reception of the stations signal as to strength and interference. The SINPO code has become the more standard means for providing this info during the past few years. But here again you must consider the station to which you are reporting. If the station is of the small type, the personnel may not understand reporting codes, so it is wise to give them a verbal/detailed-written description. For that matter, the SINPO code itself can be expanded to inform the station as to the noticable fading, sources of interference, etc. Both a SINPO and detailed-written account gives added insurance and increases possibility of QSL.

Of course you should supply a description of the equipment used in your shack. Make/ model and number of tubes in your rx, a description of your antenna system including type, length, height and direction of prime effectiveness, as well as any other aids you use such as a preselector, freq meter...and so on.

Now the log, a spot where many reporters seem to stumble. While it is true that a reception log should contain/cover thirty minutes of programming, that does not mean it be given as: 0030 to 0100, music and talking in French. This could describe the programming of dozens of stations and is no use at all. The program log should be itemized covering at least thirty minutes...i.e.,

0030 man talking in French
0033 music selection "Stardust" vocal by man
0036 man and woman talking in French
0040 ID by man in French and English

Keep your clock accurate...regular checks w/WWV help insure this. Make every attempt to get as much information into the program log as possible. Even though you may not understand the language, you can often still determine the subject matter. Many of the stations are not required to keep exacting logs as are U.S. stations, so the more completely you can describe what you hear, the easier it will be for the station to check your log and come up with a verdict re QSL.

...cont'd next page...

Reception Report #2, cont'd....

Another vital area is the request for a verification. Be polite in your request and remember the verification is a favor, not an obligation. This DXer always hesitates to ask for a specific wording on the verification for fear the station may decide it is just too much trouble, and then will proceed to ignore the whole report.

With the exception of reporting to U.S. stations and Canada (assuming the DXer is located in these) your report should always be sent via air mail due it being faster and more reliable. Too, return postage is always an important factor...and here again you should consider the station. Aside from the larger ones, international broadcasters in the small countries prefer mint stamps rather than International Reply Coupons. But be sure to send mint stamps for the country to which you are writing. (A list of all available stamps and their prices can be had by writing: Sax Wringler/W2SAW, 466 Weaver Road, Webster, N.Y. 14581. Send a business size SASE!) Altho' stamps may cost a bit more than IRC's, they provide an air mail reply while an IRC does not.

And so there you have what most consider the basics of reception reporting. The next two installments in our series will deal with a few refinements/techniques.30

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A SALUTE AND BIRTHDAY MESSAGE TO WRTH

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by Dan Wilt, NASA

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Listening to international shortwave broadcasts has been described by others as being fascinating and educational. These adjectives are correct, yet they fail to point out the personal relationships shortwave listening includes. Words such as educational, point out the obvious benefits one gets by obtaining his information from the source, but does it include friendship, understanding, and respect for our fellow men? Shortwave radio's potential of opening up new avenues of understanding is terrific! Stripped of propaganda, it can be used as a valuable tool in the shaping of mankind's thinking and help destroy bigotry as well as fear which close the minds of men and create distrust. Objective and frank discussions of problems create atmosphere needed for international cooperation...and this is the goal which mankind must seek. Such long-range and idealistic goals must have small, sincere beginnings; Two organizations in our hobby today, have these, effort these..The World Radio and Television Handbook Company and the North American Shortwave Association! Unlike the United Nations or other like organizations, these two begin with humble-hobby folk...in our case, more particularly the SWL. The goal of WRTH is to provide accurate information of the international radio stations especially. Such information is fundamental because each station cannot tell its story if no one is listening. Furthermore, WRTH tries to encourage cooperation between station and listener; Isn't this par the UN trying to do a same thing nation between nation? Then the goal of NASA is to promote unity and friendship between the listeners themselves, bettering the relationship of listener to the stations. Consequently, the goals of WRTH and NASA concentrate on the same basic principle. The goal of understanding and friendship is most difficult to achieve. Men of today find the Golden Rule difficult to live by; Yet there is hope. The recent awards Radio Japan conferred on our Mr. August Balbi is an example of what I believe the goal of WRTH and NASA to be....to get fellow men, listener and station, to cooperate and to reward one the other in friendship, respect. Tokens given Mr. Balbi by Radio Japan were not so worldly, yet they are aids/helps that destroy the wall of ignorance which keeps mankind from living in peace/harmony. WRTH too, is and has been doing its part through idioms of its own for the past nineteen years...will soon be celebrating its twentieth anniversary; It be our pleasure then to pay tribute, give salute, extend a sincere thanks their way and to wish them luck, success in the years to come. So long as there are organizations the likes of WRTH and NASA working side by side, the hobby we pursue, the world in which we live, the friends we have chance to make...all may look ahead with hope and find pleasure in understandings of "Unity and Friendship".

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(Preceding taken in part from letter to WRTH, written by NASA member Dan Wilt; Edited by Bill Eddings.)



N E W S ALBANIA. Radio Tirana gives latest English broadcast sked; 0000-0030 on 7265. 0630-0700 on 7265//9700, 2000-2030 on
S K E D S 7265//9700 and 2200-2230 on 7265//9700. These are daily. (Phil Zucchi, Mass.) Radio Tirana noted on new freq 7265 w/
T I P S German service 1700, repeated at 1800. Announces German sked as 0530-0600 on 7265//9390, 1700-1730, 1800-1830 on 7265 and 2200-2230 on 7090. Other observed languages on new 7265, all correspond to WRTH except for freq, are French 1730-1800 and Greek 1830-1900. It also has added Spanish language program 1900-1930. (Bob Newhart, Sweden)

ITALY. All times listed in WRTH for RAI are given in Central European Time or GMT plus one hour. (Bob Newhart, Sweden)

SINGAPORE. Now/again being independent, will not ID as Radio Malaysia-Singapore. (Balbi)

GREECE. Although listed as being on 11720, same freq as CBC, more exact/measured freq is 11718. (Ray Fansler, Ill.)

USA. WRUL moved recently from 9695 to 9705 (not 9710) for LA Service 0115-0400 and is //11790, 15310. (Sam Rowell, Wash.)

IRAN. Radio Iran, Tehran shifting around on 19 meterband. Has been heard on 15095 and 15110. Former is rather clear freq while latter is QRM'd. (Sam Rowell, Wash.)

GHANA. Radio Ghana is still appearing at many different points on the dial with test programs. The External Service has been noted 0400-0430 on 6070, 6110, 6030, mostly with highlife music. Another program is on 9760 at 0530-0645. An additional regional xmsn was hrd on 3280 at 0600 in French. (Bill Sparks, Calif.)

GILBERT & ELLICE IS. VTW2 now beginning to be hrd at irregular intervals on 4912A from 0600-0700 with mostly native programming. (Bill Sparks, Calif.)

MINICAN REP. Radio Santo Domingo again being hrd on 6090. Logged at 0415. (Sparks)

SINGAPORE. Noted on 5035 w/BBC news relay at 1330, also in language on 9635/11940 after AFRTS sign off 0800. (Balbi, Calif.)

BELGIUM. Brussels now using RNB (Radio National Belge) rather than old ORU (Balbi)

AUSTRALIA. VLI6 on 6090 at 0900 is Sydney Home Service, not ABC Int. (Balbi)(Rowell)

THAILAND. Bangkok-HSK9 signs on 11915 at 0930 w/English ID. (Balbi, Calif.)

MOZAMBIQUE. Has been heard testing on 9585 at 0700 in Port. irregularly. (Balbi)

CENTRAL AFRICAN REP. Radio Bangui sked: Mondays, through Fridays..0530-0630, 1230-1400, 1600-2100; Saturdays, 0530-0630, 1230-2300; Sundays, 0600-2100. Frequencies of 5035 and 7220 are used. (SCDXers)

TCHAD. Radiodifusion Tchadeinne is sked Monday-Friday 0500-0600, 1200-2130; Saturday, 0500-0600, 1200-2300; Sunday, 0500-2130. Freqs are 4904, 6165. (SCDXers)

KIEV. According to reports Radio Kiev, USSR has announced plans for a DX program to begin this fall. (WRB)

ANGOLA. Freqs for stations in Angola: Radio Clube do Huanbo, 2445, 3704, 5060, 5065, 7160, 7125, 9665 and 11925. Radio Clube de Benguela, 3395, 3975, 5040, 6150, 7160, 9505. Radio Clube de Mocamedes, 3740, 5015, 7240, 9515, 5005. Radio Clube de Huila, 3970, 5025, 9675, 11940. Radio Dimanang, 4770, 9615, 11700, 11685. Radio Clube do Cuanza, 4840, 6000, 7275, 11970. Radio Clube do Congo-Portugese, 4860, 6135. Radio Clube de Angola, 4870, 7140, 9630. Radio Clube do Bie, 4895, 7205, 7390. Radio Clube de Lobito, 4910, 7175. Radio Clube de Malange, 4935, 7115. Radio Ecclesia, 4985, 11755. Radio Clube de Cabinda, 5035, 7260. Radio Clube do Moxico, 5137. Radio Commercial de Angola, 3230, 3980, 3995, 4775, 4795, 4860, 7150, 7155. Emisora Oficial de Angola, 3375, 4820, 4955, 3955, 6025, 6195, 7235, 7265, 9535, 9555, 9700. (WRB)

MOZAMBIQUE. Lourenco Marques Radio has been heard during daytime GMT, using 9585, an announced frequency. (WRB)

NEW ZEALAND. Radio New Zealand has an experimental Esperanto service at 0830-0840 on the last Thursday of every month. Freqs are 6080, 9540. Reports are wanted. (WRB)

ASCENSION ISLAND. Four 250kwatt xnters are being installed here to be used as BBC relay but tests are not expected to begin for a year. Freqs par tests planned are 15310 at 0900-1300 and 15435 at 1415-2245. (WRB)

PERU. Radio Luz-OBX4Z, Lima now asking for reports, promises QSL. (WRB) Freq is 6116.

***** AROUND THE SWBC WORLD NX *****

The BBC SWL Club wishes it known it will have a new QTH and that, for time being, all members are asked to refrain/QRX from wrtng until they are officially notified of the new mailing address. (F.Adams)

RNYWW/WRUL has announced it is forming an SWL club and will be "run by/for SWLs". What we are wondering is, being this station dont especially care for reports de stateside SWLs, even though they do QSL them, will the club favor overseas members par the station doings re programming? Tis no doubt the stateside SWLs will be the main core of the club, thus lets hope it and WRUL will act justifiably. Anyone who is interested in joing should send name, address, age, occupation and type of radio rx used, and enclose \$1.00 (or IRCs) to: RNYWW SWL Club, 4 West 58th Street, New York, N.Y. (DXWW Bulletin w/added rmks by B.E.)

Listeners to 9790 may hear Radio Moscow programs being relayed by Radio Khabravsk a 100kw station in Eastern Siberia. There is no mention that the broadcast is relayd however. (NSB/J.Fela)

The director of communications for Panama announces that only four SW xmtrs are in operation at present. All are limited to 1 kw. Those xmtng from Panama City are Circuito R.P.C. 5995, La Voz de Panama 9607, Onda Popular R.P.C. 9685; And from David, La Voz del Baru on 6045. (NSB/J.Fela)

La Cruz del Sur, CP39, is now xmtg on a freq of 11765, relaying CP27 (730kcs) from La Paz. S/off is 0345. The announcer givs call sign in Spanish and English, also sez; "This is the Southern Cross Radio, owned and operated by the Baptist Church of Canada. We would arrpeciate your reports be sent to Cajon 8, La Paz, Bolivia." Return postage should be sent. (NSB/J.Fela)

Radio Sweden has a new xmsn directed to South Asia from 1445-1515 in English. The freqs are 11915//15315. (DXWWB)

SIBS, Solomon Islands is asking for report in an endeavor to determine signal deteriorations. Lately 3995 is found to be QSB prone. (WRB)

The 50kw xmtr of DZF2, Manila has been hrd testing on 11920 from 0700-0800. Reports are solicited and should be sent to; Far East Broadcasting Company, Box 2041, Manila Philippines. Return postage is required, preferably 3 IRCs for airmail reply/QSL. A program sked/bulletin is issued each two months and is free upon request. (NSB/Fela)

Radio Bissau has extended its hours of operation on 5017 and now remains on this air until 0100. Verification of reception may be had by sending reports to; Emissora da Guinea, Bissau, Portuguese Guinea. Though return postage is not required, it is wise to send it. (NSB/J.Fela)

Radio Tahiti, operating on 11825 may now be heard from 1715 until 1915, and from 2200 to 0900. The xmtr on 6140 is added in parallel at 0600 for the remainder of the program in French, Maori and Tahitian. English is sked at 2100 and 0000. QSL is by card from; Rue Dumont d'Urville 410, Papeete, Tahiti. Return postage is a must (NSB/J.Fela)

Newer SWLs may find the following DX programs helpful/interesting; "DX JukeBox" on Radio Nederland, Thursdays at *2115, 6145 on 11720, *15420 and 9590. "DX PartyLine" on HCJB, the 1st and 3rd Mondays of each month at 0230 on 11915, 17890, 15115. BBCs "SWL Corner" on Thursdays at 0030 on 11780, 9510. "Swiss Shortwave Merrygoround" via SBC on Saturdays at 0145 on 9655 and 6120. (D.Wygal)

La Voz de la OEA, Santo Domingo is heard daily on 4960A. The following stations relay programs from it and form Cadena Radial; La Voz del Sur, Radio Centro, Radio San Juan, Radio Oriente, La Voz del Papagayo, Radio Cibao, Radio Montecristi, Radio Santa Cruz, Voz de la Libertad, Radio Novedades, and Radio Onda Tropical. (SCDXers)

New autumn sked of Radio Austria to N.A. is: 2300-0430, 2200-2300 on 6155, 2200-0400 on 9770. This sked is vaild Sept. 5 t Oct. 31. (WRB)

Radio Commercial de Angola uses 3995 at 1900-2200 and is QRM'd by RAI Rome. (WRB)

...Utilities...

...Utilities...

.....UTILITIES.....

(Listed individually as submitted)

Joe Mauriello

0510	2430	M/V Acia wrkg Mobile	0650	2182	Blue Dale wrkg Weirton
0530	2430	Tnkr Idaho wrkg Mobile	0710	2142	Atlatic Emp wrkg Norfolk
0625	4072	M/V Valley T wrkg St.Louis	0715	2142	Tnkr Thom Falcon wrkg Norfolk
0630	2198	Tnkr Condesso wrkg New York	0730	2738	Tnkr Tex-Ill wrkg Freeport
0632	2183	Challenger wrkg Ambrose	0740	2738	Tug Comstran 1 wrkg Derrick
0640	2182	BlueField wrkg Weirton	0742	2738	Tug WO 2 wrkg Derrick

I have hrd a total of 3011 tugs, ships, towboats; 153 CG Stations; 40 Lighthouses.

Jack Page

0217	5530A	New York Radio w/wx report	0339	5640A	Gander w/wx report
0400	5620A	New Orelans w/ traf cont	1244	7610A	AT&T Miami w/ test tape AM
1502	19500A	AT&T N.Y. w/test tape SSB	1505	19400A	AT&T N.Y. w/test tape SSB

Bob Zobot

0205	11970	AAE6φ w/test for cir.adj.	1400	2738	Norfolk Mar.op cllg Boston
0320	5559	ZFD47, Bermuda w/SSB mkr	1405	2738	Norfolk Mar.op cllg Iona W
0745	10335	Gander Radio w/wx	1415	2738	Norfolk Mar. op cllg WENW

Mike McElhatton

0120	8947A	Kimly AW for freq ck	0135	10015A	Paris Aeradio w/wx rpt Fr
0127	5500A	Dander radio w/wx rpt	1400	6800A	COT w/test for cir.adj
0137	10890A	PT&T, Tel Aviv w/test	1620	11905A	AAE6φ w/test for cir.adj.

Latest QSLs here are from WWVH and Telecom.Dept. Bahamas Government.

Rick Warner

0000	14040A	Tokyo w/SSB test in Eng/Jap	0700	14340A	AT&T Oakland w/SSB test
0920	7400A	ECA Hawaii w/SSB test			

FY Payne

0300	2566A	KOU wrkg NBFF	0304	2566A	KOW wrkg Tnkr Alaska
0312	2510A	Opal 3φ cllg Diamond	0426	2698A	NMQ wrkg CCG Point Divide
0430	5574A	Honolulu AR w/wx rpt	0532	2670A	NMQ wrkg Anacapa LH
0540	2670A	CGR Westport w/wx rpt	0545	2566A	KOU wrkg KTIF

Where can I obtain a list of U.SCG radio stations?

Pete Glenn

0440	9925A	AT&T New York w/SSB test	0442	9900A	AAE6φ w/SSB test
0445	5400A	AT&T Miami w/SSB test	0446	5225A	C&W Bermuda w/SSB test

Don McKenzie

Hrd time sig station under WWV-WWVH on 10Mc w/short pips on the second. Announcemnt is given by YL op at 5 sec before 5 min interval. Only hrd briefly then QSB, but was able to get part of ID as being Vietnam. Nothing like this listed in WRTH or anywhere I can find. Can anyone give me info?

It would seem the only serious/devoute utility DXer we have is member Joe Mauriello; Others have/do report some loggings however. Point is, this coulumn has rcvd no real support over the past months and is now being considered omitted...space will be added to SWBC proper instead. Those of you wanting to see/read a worthy utility column should see those in either the CDXC or NNRC bulletins, both a FB...and made possible by the fact they are supported by a number of interested utility DXers. This fact holds true for any column/section of any bulletin, if it is not supported, it cannot continue! As for Joe; should he continue to submit reports as he as been doing regularly, perhaps we will have his own little column called "Lil Joe Ute's"...we cant ignore the fact he has logged so many marine-connected stations; He is due much credit.

Could anyone have any ideas or suggestions re how we can make this coulumn more worthy and have it gain support, we would be pleased to hear from you; We wont discontinue it unless it is deemed best done. We seem to have some likely good ute DXers in the ranks, but to date they have been lax in reporting...aside from the likes of those listed in above this mnth. So watsa OM...will this column continue and will it become worthy?

ALL INDIA RADIO, PLANS FOR FUTURE

via Peter Drew

A proposal to introduce, from September this year, an uninterrupted broadcasting service from four zonal stations, Delhi, Bombay, Madras and Calcutta, was commended by the Central Programme Advisory Committee of AIR at its meeting in New Delhi recently. Times for the service however have not yet been decided.

The Committee also was told of steps being taken to increase newscasts from AIR. Two shortwave transmitters are being set up shortly. In addition, foreign coverage will be strengthened by appointing two overseas correspondents, one to cover Africa and West Asia and the other to cover East Asia. Besides this, a greater number of full or part-time correspondents will be enrolled in the regions and more news bulletins will be put out in near future.

Opinions were invited on whether or not AIR should incorporate commercial broadcasting on a limited or experimental basis

Another committee, that on Information and Broadcasting, will shortly go to London, Moscow and Cairo to study the workings of radio systems there. Studies will encompass how far these systems were free and how far they were controlled by the State before they made their own recommendations in regard to the future set up of such systems in India. Meantime the committee suggested various AIR recordings be sold/released on a commercial basis so as to bring in more revenue for AIR.

PROMINANCE OF LANGUAGES SPOKEN

via Sam Rowell

According to the World Almanac, the following table shows number of people speaking major languages of the world. It is interesting to note that English ranks second and German and Spanish exceed French which ranks tenth.

1. Mandarin	518 million	6. German	120 million
2. English	298 million	7. Japanese	99 million
3. Russian	173 million	8. Bengali	88 million
4. Hindi	168 million	9. Portuguese	85 million
5. Spanish	162 million	10. French	72 million

ANOTHER PHONETIC LESSON

...via Doug Benson

GABON - gah bone SIKKIM - sih keen BARQUISIMETO - bar keya metto
 KIEV - key ev MOGADISCIO - moe ja dis ee o MALAWI - muh low ee TCHAD - chad
 RARATONGA - rah rah ton ga LAGOS - lay goes TASHKENT - tosh kane SIERRA LEONE -
 see air uh lay own ay ABIDJAN - ah bid jan SAO TOME - sow toe may PHOM PENH -
 pom pen COTONOU - coat ah no MALI - maw lee REYKJAVICK - rake ja vik

*****THIS MONTHS SW CENTER REPORTERS*****

Sam Rowell, Washington	Carl Goodling, Penna.	Elias Coulouras, Mass.
August Balbi, Calif.	Phil Zucchi, Mass.	Ray Fansler, Ill.
Bill Sparks, Calif.	Frank Peters, Ill.	Rick Warner, Ore.
Gerry Dexter, Wisc.	Norm LaMontagne, N.Y.	Ron Luyster, Ohio
Fred Adams, Ind.	Bob Zobot, Va.	Mike McElhatton, Penna.
Debbie Wygal, Kenty.	Lou Stober, Ore.	Don McKenzie, Calif.
Dan Wilt, Ohio	Ed Brhel, N.Y.	Tim Davisson, Ohio
Gary Fredricks, Ore.	Charles Gerran, N.Y.	Mike Scott, Quebec
Bob Krasnoff, Penna.	Peter Drew, Australia	Peter DeHart, Penna.
Bob Newhart, Sweden	Andy Noznick, Ill.	Steve McArthur, N.Y.
Bob Kuznicki, Penna.	Jack Page, Miss.	Larry Bennett, N.Y.
Marv Nelson, N.Y.	Bernie Koenig, Sask.	SCDXers WRB, DXWW, NSB/Fela

Thanks to all! Be sure to report agn next month!! Till then good listening, 73 *Bu*

Upon returning home from vacation I found the following QSLs in; Radio Mogadiscio-7160, with all info after three weeks. Polskie Radio-15120, all info and accompanied by a letter, after 6 wks. Radio Austria-9770 along with schedule and report form, 4 wks. Voice of Vietnam-11760, all info on a QSL slip. Also postcard es letter saying my report would be acknowledged on their Sunday feature "Vietnam Mailbag". I sent report via Radio Peking, reply came after seven weeks. Radio Malaysia, Malaya-4985 sent letter giving only the freq and power of xmtr. Came in 10 days. VLI6, Sydney, Australia gave all info. (Gary Fredricks, Oregon)

Only two new QSLs to report this month; Radio Gran Colombia-4910 sent letter and pennant; YVOI, Radio Valera-4840, card in one wk. (Bill Sparks, Calif.) Latest QSLs in here are from Norway, Sweden and Lebanon after 6, 4 and 12 wks respectively. One from Lebanon came via registered mail. (Carl Goodling, Penna.) Not much in way of QSLs here to report this time, just Radio Americas-6000 after five weeks and 2 from VOA, Tangiers, Morocco. (Phil Zucchi, Mass.)

Current QSL report from this shack includes card from Radio Minsk via Radio Moscow; Radio Nacional Tikal, Guatamela, letter in Spanish; Radio-TV, Kaduna, Nigeria-6090 w/ letter de chief engineer R.G. Sharpe. (Frank Peters, Ill.)

Its been a rather good month for QSLs here, rdvd the following; Card de YVMQ after 2 wks, folder de Radio Belgrade in a month, card de All India Radio after 3 wks, card de Radio Peking after 3½ months and card de ORU, Brussels in a month. (Mike McElhatton, Pa.) Just a few additions here; CHNS-6130 in five weeks; AFRTS-15280 in five days; and VOA 15325 after ten days. (Norm LaMontagne, N.Y.) What VOA xmtr Norm?

Latest QSLs received here are from AFRTS, Los Angeles-15275, VOA, Greenville-6030, and Radio Portugal-6185, Radio Americas-6000. (Bob Zobot, Va.)

Only two new QSLs in for this month; Austrian Radio with card after 3 wks. Also sent program sked and report forms plus a note wishing all NASAers and myself continued good listening to Austrian Radio broadcasts. Radio Malaysia, Sabah sent card stating tnx and mentioned they do not have proper cards printed. Also sent program sked. Took nine months for them to verify/QSL. (Lou Stober, Oregon)

Six veries in for this month; 4 from Radio Prague, all for different reports, letter from Radio Kiev and card from Radio Nacional, Madrid. (Ed Brhel, N.Y.)

Finally getting some action via mail here; QSLs to report for this month are from the following; Radio Finland, two months; Radio Ghana, one month; Radio Nigeria, three months; and Radio Norway, one month. All are cards except Nigeria which sent an air letter. (Bob Langevin, P.Q.)

QSL Questions: What communist station can I report to for QSL purposes and yet receive no propaganda from? (Elias Coulouras) From personal experience I would say your best bet would be Radio Tirana. I've found they QSL'd me via letter, sent only a small leaflet in addition and have never followed up with usual propaganda junk as does certain other commy stations like Prague, Peking, etc.

Now that Singapore is independent, will it count as a separate country QSL-wise for awards and in scoreboard? (Don Wallace) It will, matter of fact it has been accepted as a separate country even when part of Malaysia, just as do various states of the Soviet Union. This will continue to be in effect until such time as NASA has its own or an ANARC official country list to go by.

What constitutes an official QSL? (several members) Although it is considered a QSL must contain the date, time, freq and be signed by a station official, most clubs generally credit/recognize a QSL so long as it is sent by the station reported to and in some way worded, verifies your reception. If only "official" QSLs were counted, most rcvd 7 DXers would be void because few stations list date, time, freq...and few QSLs are signed by officials. Too, who is to say/know what person should be considered the official(s) of stations? Some have no station mgr., or prog mgr. and are signed by most any station employee, others are signed by station engineers.



SWBC SCOREBOARD

Reporter	HIC	VIC	Prized QSL	
Don Jensen, Wisc.	180	172	Radio Rarotonga	1
Frank Peters, Ill.	165	152	Pakapura, Sumatra	2
Bill Sparks, Calif.	154	142	Dili, Timor	3
Peter Drew, Australia	126	97	?	4
Bill Eddings, Pa.	119	103	DZB2, Philippines	5
Ray Fansler, Ill.	110	63	ETLF, Ethiopia	6
Doug Benson, N.H.	99	94	Radio Togo	7
Ron Luyster, Ohio	94	16	Radio EurAfrica	8
Tim Davisson, Ohio	82	59	All India Radio	9
Bernie Koenig, Sask.	80	74	Radio Ceylon	10
Jim Gallucci, Ore.	75	41	Radio Brunie	11
Gary Fredricks, Ore.	66	46	Radio Brunei	12
John Pirnat, Ohio	64	44	Radio Abidjan	13
Bill Stevens, Pa.	62	56	Radio Ceylon	14
Don MacKenzie, Calif.	61	44	Voice of Vietnam	15
Phil Zucchi, Mass.	56	46	Radio Tirana	16
Mike Lee, N.Y.	55	33	Radio Lisboa	17
Tim Hartmann, Mo.	53	32	New Zealand	18
Bob Krasnoff, Pa.	53	17	?	19
Carl Goodling, Pa.	50	34	Lebanon	20
Mike McElhatton, Pa.	50	31	Radio Baghdad	21
Steve MacArthur, Pa.	43	28	Radio Brazzaville	22
Rick Warner, Ore.	42	33	Port Moresby	23
Charles Gerran, N.Y.	35	18	Amman, Jordan	24
Pete DeHart, Pa.	34	6	Guanaire	25
Ed Brhel, N.Y.	32	20	Radio Kiev	26
Jack Page, Miss.	31	24	Kol Zion	27
Mike Scott, Que.	28	25	DZF3, Philippines	28
Larry Bennett, N.Y.	26	20	VOA	29
Norm LaMontagne, N.Y.	26	13	Radio Iran	30
Debbie Wygal, Ky.	23	1	HCJB	31
Bob Zobot, Va.	17	11	Radio Portugal	32
Fred Adams, Ind.	?	16	Radio Somali	33

Comments: "I've chosen Amman, Jordan QSL as my best because it is rarely heard in my location." C. Gerran) "My prized QSL is HCJB because it is the first and only I have rcvd so far." D. Wygal) "Because I like progs of R. Portugal, I chose its QSL as my best to date." B. Zobot) "I prize QSL from EurAfrica as it is attractive and due fact this station is no longer in operation." R. Luyster) "ETLF was the station that provided mny hours of listening pleasure for me while I was there (in service) and due fact it is rather difficult to here at my present QTH, it is my choice for prized QSL." R. Fansler) "My prize QSL is from Port Moresby because it was my first rcvd." R. Warner) "You might say I select QSL I most prize because of luck; Radio Baghdad veried even though I giv only an approx freq, sent letter w/insufficient postage, and didnt mail until wks after I hrd it." M. McElhatton) "Most prized QSL to date is that de Voice of Vietnam because I sent 3 reports, got them all back marked "mail service suspended", then finally got Peking to forward it." D. McKenzie) "Because condx were so poor at the time, and because it was the first DX that I tried to hear, I pick QSL from DZF3 as my best so far." M. Scott) "QSL de AIR is my prized because report covered a half hour, sent only one IRC." T. Davisson) "I think QSL de Lebanon is ny tops now. It came via registered mail and had some wowie stamps on it." C. Goodling)

Other comments; Drew and Krasnoff forgot to mention prized QSLs....Adams forgot to gi. HIC....Jim Howard sez list should be based according to number of VIC rather than HICRay Fansler adds he has two prized QSLs, one ETLF, the other Polskie Radio (but Ray, dont one have a more special place in your lil ole DX heart than the other?).... Mike Scott sent correct totals this month, sent total(all band)HIC last month. .30

LOGGINGS



REPORTS

ALL GMT

ALL GMT

* * * * *

0000 11845 ORTF, Paris s/on in French to LA. (Zucchi) 9755 (LaMontagne)
 7265 Radio Tirana w/Eng to NA. (Fansler)(McElhatton)(Zucchi)
 9770 Radio Austria w/assorted music, ID in various langs.(Wygol)(Fredricks)
 Eng/Ger lessons at 0030 (Wygol)
 9700 Radio Sofia w/news in Eng. (McArthur) w/Bulgarian mx 0030 (Noznick)
 9833 Radio Budapest w/Hungarian music 0032 (Noznick)
 6070 CFRX w/wx report followed by mx (Noznick) w/football game (Bennett)
 6130 CHNX w/prog of R'n R mx 0030 (Bennett)
 7345 Radio Prague w/Port to SA (Bennett) //11990 (McElhatton)
 11800 RNE, Madrid w/Sp mx (McElhatton)
 9540 RAI, Rome to LA in Port., Ital., Sp. 0030-0325 (Rowell)
 9630 RAI, Rome w/interval sig, then s/on (McElhatton)
 9515 XEWW, Mexico w/LA music, Sp anmts. 0030 (McElhatton)
 9660 Radio Kiev w/talks about the Ukraine 0050 (McElhatton)
 11820 TWR, Bonaire w/Eng 0035-0430 (Rowell)
 15260 TWR, Bonaire w/mx and Port. to Brazil (Rowell)
 11940 Radio Cairo to NA and SA 0000-0245 in Port/Sp/Arab (Rowell)
 9690 RAE, Buenos Aires to ECNA 0000-0400 w/Eng 0300-0400; WCNA 0400-0700
 w/Eng 0600-0700 (Rowell)
 4910 Conakry w/mx and Fr anmts. ID and s/off 0000 (Nelson)
 9535 SBE, Berne w/nx, mx and Merrygoround on Sun. (Goodling)
 15190 Radio Canada to LA in Sp. (Zabot) s/off 0045 (Stober)
 11810 SBC, Berne to LA in Sp. (Zucchi)
 17165 AFRTS. Los Angeles w/Bandstand 0030. //15275,15410 (Stober)(Page)
 11730 Radio Nederland in lang, ID at 0040 (Stober)
 11740 Vatican Radio w/IS, then s/on 0050 in Eng //9645 (Stober)(Coulouras)
 15240 KGEI, San Francisco w/Eng-Sp lesson (Stober)
 4870 Radio Tropical, Venezuela w/Sp mixture and ads 0015 (Zabot)
 15050 Radio Libertad, Cland. in Sp w/anti-communist commentary. Anncd its
 location as being in Caracas, gave Miami address. (Krasnoff)
 6000A Radio Americas w/Sp mx and talks 0030 (Zabot)(Bennett)
 6180 RTB, Belgium w/prog in lang hrd 0035 (Wilt)
 0100 9640 Deutsche Welle w/Eng to NA hrd 0140 (Bennett)(Zucchi)(Wygol)(Brhel)
 6080A Radio National, Peru w/mx, ads, mny IDs (Scott)
 7345 Radio Prague w/Mailbag, folk mx, commentary (Brhel)//9745(Kuzmicki)
 6120 SBC, Berne // 9535 w/Eng prgm (Scott)(Coulouras)(Brhel)
 9770 Radio Austria w/Eng-Ger lessons, mx, IDs (Wygol)(McArthur)(Nelson)
 (Kuzmicki)(LaMontagne)
 9560 RBI, Berlin s/on to NA in Eng (Goodling)(Fansler)(Nelson)(McElhatton)
 (Stober) 11880 hrd with prog of classical mx (Sparks)
 11875 Radio Soc. da Bahia, ZYN32, Brazil w/Port nx (Sparks)
 11800 RNE Canary Islands w/Sp prgm talks/mx (Stober)(McElhatton)
 9640 Deutsche Welle w/Eng to NA (Brhel)(Bennett)(Zucchi)(Wygol)
 9590 Radio Sofia s/on 0130 w/news (McElhatton)
 9833 Radio Budapest in Eng w/Whats in the papers 0145 (McElhatton)
 15115 Radio Peking w/Eng nx (Noznick)
 4923 Radio Quito, Ecuador w/Sp mx, ID (Krasnoff)
 17840 Radio Australia w/news, sports and mx (Zabot)

cont'd...

0100 5505A WIBS, Windward Islands w/religious prog 0130 (DeHart)
 9630 RAI Rome w/Eng nx then mx (Wilt)(Coulouras)
 9710 Radio Lebanon, Beriut to NA 0130-0400 w/Eng 0300-0330 (Rowell)
 9590 TWR, Bonaire s/on 0130 in Sp (McKenzie)
 11845 ORTF, Paris 0130 in Sp to LA w/nx and mx (Goodling)
 6200A Radio Prague in Eng. New/unannounced freq? (Nelson)
 15240 KGEI, San Francisco in Sp w/ID. QRM'd by R.Australia (Stober)
 11805 Radio Globo, Brazil w/sportscast in Port. (Stober)
 11820 TWR, Bonaire w/IS then into French 0105 (Stober)
 4950 Radio Coro, Venezeula in Sp w/Eng songs 0135 (Peters)
 9835 Unidentified in Eng. QRM'd by Budapest. Progmng seems to be similar that
 of Radio Moscow (Peters)

0200 9515 Radio Malaysia w/native nx, mx (Drew) What station Pete? //7280 (Drew)
 4923 HCQRL, Radio Quito w/Sp nx, mx (Nelson)
 11740 Vatican Radio w/Eng prog (Gerran)
 6090 Radio Santo Domingo TV in Sp w/nx, mx, ID 0259 (Dexter)
 5985 Radio Commerce, Haiti in Fr w/mx and ID 0253 (Dexter)
 4805 ZYS8, Radiodifusora do Amazonas, Brazil w/Port mx, talk. 0245 (Dexter)
 9690 RAE, Buenos Aires w/classical mx, Eng commentary (McElhatton)
 9710 Radio Beirut, Lebanon w/Eng nx 0230 (Balbi)(McElhatton)
 3265 Radio Nirgua, YVOC w/LA mx, Sp nx on half hour (McElhatton)
 11820 TWR, Bonaire s/on 0230. Eng nx 0330 (Balbi)(Rowell)
 15230 Radio Ceylon, comm.service w/pop mx and ads 0245 (Fansler)
 15320 Radio Sofia s/on in language (Fansler)
 17840 Radio Australia w/mx prog //15220 (Page)(Zabot)
 15060 Radio Peking in Sp to SA //15115 (Rowell)
 15080 Radio Peking in Eng //15095, 11820 (Rowell)
 15125 KBS, Seoul, S.Korea in native 0230, Eng 0300 (Rowell)
 9505 Radio Record, Brazil in Port hrd 0215 (Rowell)
 9710 Radio Beirut, Lebanon in Eng w/folks songs and nx 0240-0300 (Wilt)
 11950A Unidentified Arab? w/wierd mx 0225-0300. Any ideas? (Wilt)
 6185* Radio Bandeirantes, Brazil in Port 0220 (Wilt)
 11925* Radio Bandeirantes, Barzil w/Port mx, talk. s/off 0303 (Fredricks)*Are
 these freqs //? Ed.

6020 Radio Moderno, Hounduras w/Sp mx, talks (McElhatton)
 6075 Deutsche Welle w/German lesson followed bt Fr prog 0215-0230 (Kuzmicki)
 11855 Saudi Arabia hrd 0230 w/ID "Disni Saudi Arabia" (Adams)
 9655 SBC, Berne w/mx then s/off 0245 (Page)
 9590 Radio Nederland in Eng w/talk on Holland (Zabot)
 6185 Radio Lisbon w/Voiceof the West in Eng to NA (Bennett)
 6065 VOA, Greenville w/special xmsn //9720, 7653, relayed by Tangier 7100
 and 6020. Hrd 0230 (Zucchi)

9525 ORTF, Paris w/sign off in Sp to LA (McElhatton)
 6025 Radio Portugal w/prog of Port mx 0220 (McElhatton)
 15210 AFRTS, Los Anegles w/baseball game 0240 (McElhatton)

0300 9690 RAE, Buenos Aires w/Eng nx and commentary (Brhel)
 9710 Radio Beirut, Lebanon w/Eng nx and commentary 0330 (Krasnoff)
 7305 Radio Budapest w/Eng nx and listeners questions (Zabot)
 7345A Radio Prague w/Eng nx 0330 (DeHart)
 11820 TWR, Bonaire w/ID and nx in Eng (DeHart) 0330
 9833 Radio Budapest in Eng to NA (Page)
 3515 Radio Cento Gualaceo, Ecuador w/ads, nx, mx in Sp. (McElhatton)
 15095 Radio Peking in Eng (Fredricks)
 15125 VOFK, Secul in Eng (Fredricks)
 9645 TIFC, Costa Rica w/Eng religious prog (Fredricks)
 9570 Radio Bucharest w/Eng nx (Fredricks)
 11860 BCC, Taiwan w/Eng nx. s/off 0350 (Fredricks)
 6120 SPC, Berne s/on in Sp (Wilt)

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- 0500 4885 Radio Nacional Espejo, HCWEL w/Sp nx 0535 then mx (Dexter)
 4972 Radio Yaounde, Cameroon now w/Eng nx 0545, new time (Sparks)
 11795 Radio Leopoldville w/Eng nx 0545 (Sparks)
 9760 Radio Ghana, Ext. Service w/highlife mx, nx. s/off 0645 (Sparks)
 4915 Radio Trebol, HCAHL, Ecuador w/LA mx and Sp ID. Ghana QRM (Sparks)
 6090 Radio Kaduna w/highlife mx. Best on MMs (Sparks)
 6180 Radio TV Bogota, Colombia ID and s/off in Sp (Nelson)
- 0600 3280 Radio Ghana, Regional Service in Fr (Sparks)
 4912A Radio Tarawa, VTW2 w/native mx and lang. Hrd irregularly. (Sparks)
 5960 Radio Senegal IS and s/on in Fr. Mostly mx progs (Rowell)(Krasnoff)
 9545 Radio Ghana w/Eng nx 0645 (Rowell)(Gerran)
 4825 Radio Ghana, Regional Service noted 0620 (Dexter)(Balbi)
 3385 Conakry, Guinea w/native mx 0640 (Dexter)
 11880 Sverdlovsk, USSR w/oriental xmsn 0622 then into Moscow relay 0630 (Dexter)
 6070 GBS, Ghana w/mx and in lang (Balbi)
 15425 VLX15, Perth, Australia w/Eng/Fr lessons 0630 (Balbi)
 11760 RBI, Berlin has Arabic 0615 //15270 (Balbi)
- 0700 5960 Senegal, Dakar in Fr w/mx (McKenzie)(Coulouras)
 9585 Mozambique testing in Port. Hrd irregularly (Balbi)
 9525 Radio Nederland s/on in Dutch to Australia 0730 (Rowell) //9560
 9380 Radio Alma Ata, USSR in Russian (Rowell)
 9715 Radio Nederland w/Eng to N.Z., Australia and Pacific (Rowell)
- 0800 11820 Abidjan hrd w/special(test?) 0830 7 VIII only (Balbi)
 11705 Radio Havana in Arabic (Balbi)
 9660 VLQ9, Brisbane, Australia w/nx and mx (Rowell)(Fredricks)
 9420 United Nations-Korea hrd 0815 in Korean (Fredricks)
- 0900 4890 VLT4, Port Moresby, New Guinea w/Eng nx (Krasnoff)
 7190 Radio Australia, Melbourne w/nx 0915, record requests 0930 (Fredricks)
 (McArthur)(Brhel)(LaMontagne)
 7155 VOA, Ryukyu Is. w/Report from Asia 0925 (Fredricks)
 11875 Radio Japan w/Eng nx and commentary 0930 (Fredricks)
 11955 Singapore w/another in drama series prog 0945 (Fredricks)
 11855 FEBC, Philippines w/Pacific Hour 0930, into Russ 1000 (Fredricks)
 11825 BCC, Taiwan w/Eng nx // 11860 (Fredricks)
 3355 Radio Noumea hrd w/Fr 0925. Good sig. seldom hrd (Balbi)
 6150 VLR6, Lindhurst, Australia w/Home Service 0930 (Balbi)
 6540 Pyonygang, N.Korea 0915 in Chinese (Balbi)
 9585 Voice of Indonesia s/on 0930 w/Eng nx (Balbi)
 11915 HSK9, Bangkok, Thailand s/on 0930 w/Eng ID (Balbi)
- 1000 17735 Radio Free Europe hrd weakly in Hungarian (Drew)
 15100 Radio Cairo, UAR in Arabic 1040. New freq (Drew)
 11940 Singapoera(Singapore) in Eng w/pop mx. YL anncr (Fredricks)
 3284 Fiji Islands, Suva w/songs in Hindu (Peters)
 11905 RAI, Rome w/Eng to Japan (LaMontagne)
- 1100 7190 Radio Australia //9580 w/World Nx in Eng (Wygol) 7220 (Zucchi)
 11740 Radio Havana in Sp 1130 (DeHart)
 6033 Burma w/IS, s/on ID by YL anncr, then Barmese songs (Peters)
 3268 Radio Timor in Port 1130 (Drew)
- 1200 9645 TIFC, Faro del Caribe in Sp w/mx, IDs 1230 (Nelson)
 15185 Radio Finland in Eng w/DX prog, mx requests 1220 (Gerran)
 7110 SBC, Berne w/Echos from Switzerland 1215 (Newhart)
 9690 TWR, Bonaire w/religious progmg 1230 (LaMontagne)(Brhel)
 11820 Abidjan, Ivory Coast w/Fr nx 1245, then mx. s/off 1330 (Zucchi)
 9580 Radio Japan w/World News in Eng. (Wygol)
 15175 Radio Norway w/Norway this week (on Sunday) (McElhatton)
- 1300 9580 Radio Australia w/Eng to U.S. and Canada (Zucchi)
 6010 CJCB, Nova Scotia w/nx in Eng 1310 (Zucchi)
 11820 Radio Abidjan, Ivory Coast s/off in Fr (LaMontagne)

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- 0300 6205 Radio Mac. Tikal, Guatemala in Sp w/marimba mx (Rowell)
 6180 Voz de Guatemala w/Sp progmg 0305-0500 (Rowell)
 11930 RBI, Berlin w/Eng to WCNA 0345 //9770 (Rowell)
 5955 Radio Cultural, Guatemala w/religious mx, Sp. (Rowell)
 9765 BEC, London has German prog during European Service. Dont confuse with
 RBI on 9770 at same times! (Rowell)
 9710 WRUL now here w/Sp to LA 0300-0400 (Rowell)
 11805 Radio Sweden hrd 0315-0345 (McKenzie)DX prog on Wed (Goodling)
 15125 Radio Japan w/Eng nx (Goodling)
 5980 Radio Panamericana, Peru w/musical prog (Goodling)
 3300 Radio Belize w/ID and BBC nx (Fansler)
 7160 Radio Mogadiscio has Eng nx 0330 (Fansler)
 6015 Radio Pakistan w/Sp to SA (McElhatton)
 3245 Radio Libertador, Venezuela w/Sp ads, mx, nx (McElhatton)
 7150 Radio Moscow w/IS and then into Radio Paz y Progreso xmsn 0330(Dexter)
 4895 Radio Bare, PRF6, Brazil w/Port mx (Sparks)
 4840 Radio Valera, YVOI w/pop mx. s/off 0400 (Sparks)
 6115 Radio Universidad, XEUDS w/classical mx, then s/off 0327. This station
 formerly announced in Eng quite frequently, but none have been noted
 lately. (Sparks)
 9480A Radio Omdurman w/Arabic mx, talk, ID not hrd (Nelson) Marv I doubt this
 is/was Omdurman unless on new freq. This station has never been reptd
 being hrd at this time period. A better bet would be it was Cairo 9475.
 7122 Radio Mogadiscio, Somalia s/on in native, then Eng nx 0320. Freq is
 announced as 7120. (Peters)
- 0400 15130 AIR, Delhi w/Hindu for East Africa (Drew)
 3346 Zambia s/on in vernacular. IS at 0357, songs in Eng 0425. (Peters)
 9555 Radio Nacional, El Salvador w/Sp nx, anmts, IDs, mx (Nelson)
 6090 Radio Santo Domingo w/band mx and Sp ID (Sparks)
 7105 BBC relay of VOA foreign language progs. (Sparks)
 3390A Radio Zaracay, HCOT1, Ecuador, w/LA mx and Sp ID. Hrd 15 VIII (Sparks)
 Listed in WRTH as on 3545.
 3380 Radio Malawi w/IS of drums and cock crow, then native lang nx, pop mx
 at 0415 (Sparks) Hrd w/music and chimes 0401 (Dexter)(Fansler)
 4820 XEJG, Emis. Casa de la Cultura, Mexico w/classical mx, Sp ID (Sparks)
 6105 VOA Tangier now on this new freq (Sparks)
 4960 YVQA, Radio Sucre s/off 0400 (Dexter)
 6110 Radio Ghana w/commentary and mx 0420 (Dexter) External Service noted //
 6070, 6030 w/highlife mx. Hrd irregular. (Sparks)Eng nx 9760 (Balbi)
 9770 RBI, Berlin //11925 w/Eng nx 0445. (Balbi)
 11855 TWR, Bonaire w/Russian progmg 0400-0430 (Rowell)
 15160 Radio Ankara s/on 0430 in Turkish (Rowell)
 15125 VOFK, Seoul testing in Eng 0430 7 VIII (Rowell)
 9562A Radio Nacional del Peru w/prog of U.S. pop mx 0430-0500 (Fredricks)
 9745 HCJB, Quito, Ecuador w/Musical Mailbag 0430 (Kuzmicki)
- 0500 6140 Radio Tahiti w/Fr ID, anmts, island mx 0545 (McElhatton)
 9585 Radio Excelsior, Brazil s/on in Port (Rowell)
 6065 Radio Difusora Mexico, XEXG w/nx in Sp 0500 (Rowell)
 6150 SABC, Radio South Africa w/comm service in Eng and Afr (Rowell)
 6095 Radio South Africa, Eng service 0515 nx. (Rowell)
 9550 Radio Nacional, Tumbes, Peru s/off (Rowell) Radio Nacional, Lima 6082//
 9562 on till 0530 s/off.
 6130 CFNX, Halifax w/mx, nx, commentary 0530 (Goodling)
 9730 Radio Brazzaville w/prog of pop mx 0535 (Goodling)
 9560 ORTF, Paris w/Eng nx //11905 at 0515 (Balbi)
 9735 Deutsche Welle w/Eng nx to WCNA (Balbi)
 4972 Radio Yaounde, Cameroon s/on w/drums. ID in Fr and Eng (Dexter)
 3390 Radio Zaracay, HCOT1, Ecuador in Sp w/strong sigs 0520 (Dexter)

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1300 11835 4VEH, Haiti w/ID and into religious prog (McArthur)
 7195 Radio Free Europe in Polish w/pop mx. ID in Pol/Eng/Fr (Newhart)
 6005 CFCX, Montreal w/nx, mx, ads (Fenster)
 15250 TWR, Bonaire w/ID and pop mx (Gerran)
 15185 Radio Finland in Eng w/DX prog 7 VIII (Gerran)
 7335 Radio Peking in Chinese 1330 overriding CHU (Fredricks)
 4985 Radio Malaysia, Malaya w/mx 1330-1345, talk abt music 1345-1355, sport
 nx 1355-1400, world nx. (Fredricks)
 4865 Radio Brunei w/mx, Eng nx 1315 (Fredricks)
 9730 ETLF, Ethiopia in Eng 1345 (Drew)
 4870 VTVN, Saigon //6160 in lang (Balbi)
 5035 Singapore w/BBC nx relay 1330 (Balbi)
 5050 Radio Malaysia, Kuala Lumpur w/Eng ID 1330 (Balbi)
 1400 11940 Singapore w/nx 1415-1430, then prog of jazz mx. QRM'd by R.Japan until
 1430 until s/off, then in clear (Fredricks)
 15050 Radio Libertad s/on in Eng giving addresses in Venezuela and Florida,
 then into Sp progmg. (Fredricks)
 9560A OAX4R, Radio Nacional, Peru w/Sp anmts, mx (Nelson)
 7135 Radio Monte Carlo w/pop mx 1450 (Newhart)
 7125 Polish Pathfinders station w/opera (Newhart)
 15195 Radio Sweden w/Eng nx, commentary. s/off 1430 (Krasnoff) 15300 (Brhel)
 4995 Radio Afghanistan in Eng (Coulouras)
 6070 Radio Ghana, ID "Here is Ghana" w/nx, mx for W.Africa (Brhel)(Koenig)
 15115 HCJB, Quito w/Eng comm //17890. Hrd 1445 (Zucchi)
 1500 15165 Radio Denmark s/off to Far East (McElhatton)
 11940 Radio Japan w/Eng nx, then into lang 1515 (Noznick)
 5220 Radio Australia w/prog to Africa 1555 (Noznick)
 15365 VOA, Monrovia, Liberia w/Eng nx for East Africa (Krasnoff)
 17825 Radio Prague w/Magazine of the air (McArthur)
 17890 HCJB, Quito w/Cathedral of the Andes (Page)
 7205 VOA, Thessaloniki w/Eng nx 1505 (Newhart)
 7300 RBI, Berlin now hrd this time w/German 1500-1600 (Newhart)
 15255 SBC, Berne new freq for Eng 1500-1630, replaces 9665. Arabic Service
 also carried on this freq 1630 (Newhart)
 11750 Radio Japan, FEN w/nx, WRP, Johnny Maxis show (Fredricks)
 11955 Singapore w/usual drama series prog (Fredricks)
 11705 Radio Japan, S.E.Asian Service w/IS, Eng nx 1510. //11875, 9675(Fredricks)
 11740 Radio Peking in Eng w/nx (Fredricks)
 9720 BCC, Taiwan //9685, 15128 w/Eng nx. s/off 1610 (Balbi)
 1600 15185 Radio Finland w/DX program 1645 6 VIII (Balbi)
 15105 AIR, India s/on ID 1615 (Balbi) Hindi prog (Sparks)
 15290 CR7BG, Mozambique in Port 1640 (Balbi)
 4780 Radio Djibouti hrd weakly w/Fr at 1620 (Drew)
 9610 Radio Australia, Perth w/nx, ID and s/off (Nelson)
 9575 RAI, Rome w/Danish prog (Newhart)
 15440 WHUL, N.Y. w/Mel in Manhattan show 1620 (Zabot)(Page)
 15450 AFRTS, Los Angeles w/baseball game 1630 (Zabot)
 1700 17845 SBC, Berne w/Arabic to Africa (LaMontagne)
 11955 Radio Nederland w/special broadcast to NA in Eng 1735 (Noznick)
 15095 Radio Iran w/European Service 1730-2130 (Rowell) Hrd 12 VIII
 7265 Radio Tirana noted on this new freq w/new German Serv. 1700 and rptd at
 1800. (Newhart)
 15250 Radio Bucharest new time for Fr 1730-1800 (Newhart)
 7265 VOA, Monrovia, Liberia now in Bulgarian 1700-1730 (Newhart) Does Radio
 Tirana QRM this Bab? Ed.
 15110 Radio Iran 1715-1730 w/IS, then into progmg. Hrd 11 VIII (Fredricks)
 4797 Radio Somali in lang (Drew)
 3240 Radio Baghdad lin lang 1740 (Drew)

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1700 3232 Radio Tananarive 1745 in Malgache? (Drew)
 15120 Vatican Radio, HVJ s/on in Arabic (Balbi)

1800 9605 Radio Japan in Eng, then into Japanese 1815 (Peters)
 11810 Radiostabtsiya Rodina, USSR s/on in Russian (Sparks)
 15120 HCJB, Quito //17850 with religious prog (Rowell)
 15165 Radio Denmark in Eng/Dan to Africa 1830-1930 (Rowell)
 15110 Radio Iran in Arabic 1830 4 VIII (Rowell)
 17860 ORU, Brussels, Belgium in Fr/Flem to Africa 1830-2100 (Rowell)
 15160 Radio Ankara time change for German xmsn. Now 1830-1900 and is not //
 7285 (Newhart)

17890 HCJB, Quito w/Eng to Europe 1830 (Noznick)(LaMontagne)(Page)
 11715 YDF2, Indonesia w/Arabic. Much QRM. (LaMontagne)

1900 11715 Radio Sofia s/on in lang 1930 (McElhatton)
 15160 ORTF, Paris in Fr w/commentary (Zucchi)(Krasnoff)
 15160 Radio Ankara in Fr w/pop mx (Zucchi)
 11710 Radio Nederland, Happy Station in Eng (LaMontagne)
 11750 ETLF, Ethiopia w/Eng nx, commentary (LaMontagne)
 11855 "Voice of Disni" Saudi Arabia hrd 1940 (Adams)
 9840A Radio Budapest w/DX prog 1945 10 VIII (McArthur) 9833 Steve! Ed.
 7195 Radio Bucharest freq change for German xmsn 1900-1930 //6190 (Newhart)
 7050 Radio Cairo, UAR w/chants 1925 (Newhart)
 11755 Radio Yerevan in Armenian 1945-2030. Eng nx 2325 (McKenzie)
 15110 XERR, Mexico in Sp 1930 (Rowell)

2000 9555 Radio Damascus, Syria w/Arabic progmg (Drew)
 3288 Radio Tananarive w/Fr progmg (Drew)
 9638A Radio Nacional, Caracas, Venez. in Sp w/ads, mx. QRM'd by Moscow Eurpr
 Ser. on 9640. (Peters)

9725 Kol Zion, Israel w/Eng nx (Nelson)
 7155 Amman, Jordan in Arabic 2015 (Newhart)
 15245 FWR, Bonaire w/assorted mx. Asking for reports. (Luyster)(Newhart)
 15195 Radio Japan w/Eng nx, commentary 2000-2015 (DeHart)
 11795 WINB, Red Lion, Pa. w/mx, nx, commentary (LaMontagne)
 11730A Radio Iran in Eng w/commentary and mx (Adams)(LaMontagne)
 9190A Radio Ghana hrd 2030 w/African mx, talks in Eng (Wygol) 11800 (Koenig)

2100 9600 "Ici Bruxelles", Belgium in Fr/Flem 2115 (Zucchi)
 9475 Radio Cairo, UAR w/folk mx and commentary (Brhel)(DeHart)(Goodling)
 11900 Voice of Nigeria, Lagos w/nx, mx, chants (LaMontagne)(Koenig)(McArthur)
 11795 WINB w/religious prog (Page)
 11905 RAI, Rome calling the UK and Ireland 2115 (McArthur)
 11720A Radio Sofia in Eng to Africa (McArthur)
 7175 BBC relay of VOA new time. (Newhart)
 11865 SBC, Berne new time for Eng Ser. to Australia/N.Z. (Newhart)
 6070 Radio Sofia w/Eng to Europe 2130 (Nelson)
 4880 Radio Leopoldville in Fr (Drew)
 6080 Radio Algiers in Fr 2100-2200, then Eng //6050 (Drew)
 9495A Radio Cairo, UAR in Eng 2145 (Scott) 9475 Mike! Ed.

2200 4815 Cugadougou hrd w/Fr (Drew)
 3225 ELWA, Liberia w/Eng nx 2235 (Drew)
 15405 "Voice of Germany" Bonn, w/Eng nx 2215 (Gerran)(Kuzmicki)
 15160 Radio Ankara w/Eng nx, commentary, mx (Fansler) (Krasnoff)(Coulouras)
 15415A AFRTS new freq (Newhart) (Wygol)(Brhel)
 9770 Radio Austria w/mx, ID in various langs. s/off 2230 (Krasnoff)
 9505 Radio Belgrade w/nx, commetnary, s/off 2215 (McElhatton)

2300 4910 Conakry, Guinea w/ID and prog of assorted mx (Krasnoff)
 11710 LRA, Argentina into Eng at this time. (Fansler)
 11720 Radio Atehns(Athens), Greece w/IS s/on, nx, mx. QRM'd. (Fansler)
 7185 HSK7, Thailand s/on in Thai(Thai). (Drew)
 11835 4VEH, Haiti w/Fr religious prog 2330 (Rowell)
