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NORTH AMERICAN SHORTWAVE ASSOCIATION

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"FRENEX"

OFFICIAL BULLETIN

AUGUST 1964 EDITION

Headquarters-NASA

1503 Fifth Avenue A2

Altoona, Penna. 16602

WHAT IS DX?

The answer to this question is as varied...well almost...as there are DX enthusiasts! Here then are typical examples from a survey made.

"To me, DX is any low-powered station that I cannot hear unless conditions are right; Choice DX is that elusive, low-powered station half round the world that I never seem able to tune in." "DX includes stations that are audible only under freak conditions"

"A good criterion is "watts per mile!" "It depends on the type receiver, antenna, distance, power of station, time, season, frequency and so on; Super DX is the long-distance, low-powered reception on a channel not usually favorable for long-distance reception at the time heard...rather a "miracle".! "I feel that any station more 3000 miles distant is DX, regardless of power, frequency and there is no doubt that a relatively low-powered station considerably closer can also legitimately be labeled DX." "DX is anything of interest to the particular listener and that is a new station or logging or country, etc." "It is reception of a SW station that is difficult to hear except during ideal conditions and one that is not heard regularly." "DX is a station located outside your local range. Distance and power determine its class." (Reprinted, in part from WT'56; Via August Balbi, California)

LATEST de ANARC

FM/TV QRM

Most recent action before the ANARC is a vote on whether a country list should be adopted, whether it should be one already in use by other clubs/organizations, or whether it should be one originally made up and adopted by ANARC itself.

"Sorry to notify you so late, but will not be able to get section done this month due the fact I now have a job, also am taking two courses at MIT...have lotsa homework. There will however, definately be action on the section for September and I will have it to you in time. Six reports are now on hand and I hope to have more then." Paul Gough.

AMERICA'S PROMISE

"To every man his chance.
To every man, regardless of his birth, his shining opportunity.
To every man the right to live, to work, to be himself, and to become whatever his manhood and his vision combine to make him." de THIS WEEK by Thomas Wolfe

NASA at CDXC CONVENTION

A tape recording containing segments of many NASA staff/officials has been sent to CDXC and will be hrd by those at Montreal convention. Tape represents NASA/members.

Much of this edition was done at hdq this month and although we are willing it must be pointed out that it does cause added work and additional burden. Do/ did you help?

"FRIEND" is the official monthly publication of the North American Shortwave Ass'n. There are no subscriptions! Only interested and active members are entitled to receive copies by application/joining the organization and paying the required fee (\$3.00 a year to all residents of North America, \$4.50 per year to all others). This and all editions are made possible through the combined interest and cooperation of the club officers, editorial staff and reporting members. Our motto "Unity and Friendship".

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MENTIONS
DE
MEMBERS



MAIL BAG
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MEMENTOS

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VOICE OF NASAers

EXCERPTS DE LETTERS

"I recently had the pleasure of talking with some non-committed SWL's in a nearby town and we were discussing DX in general. One OM was wondering how come this buddy of his, Joe, was getting so many QSL's from SWBC stations while using a low priced rx and a skimpy antenna while he himself had a better rx and a more worthy antenna to boot. I, after listening to them ragchew for awhile, asked if I could put in my two-cents. I explained to them that Joe, whom I didnt know, apparently had one thing going for him and that it was "DX ability". I told them an OM dont need an expensive rx with fancy antenna in order to pull in DX, not if he has patience and "know-how". This Joe, even though spending little time at the dials, seemed to know what he was doing, what and when and where to listen, and he had the patience also needed. Then I invited the OM, Charlie, who couldnt understand Joe's QSL quota, to visit my shack and had him listen to various bands on my rx. I wanted more or less to watch his tactics. Well Charlie was a wow...he spun the dials like there was no tomorrow; Stopping only on signals that were coming in loud/clear. It didnt take long for me to understand why he never neard any worthy or rare DX. I told him his fault and I showed him the card index and the files I kept, explained to him the value of such to any/all SWL's. Also mentioned the helps and the tips he could get by joining a club, getting bulletins, learning what, when and where to listen. Too, I pointed out the importance of patience as an added asset to the DXer." Ernie Zecchini, Lawrence, Mass.

"I have sent you via air mail transfer, a money-order for another years membership. We now have new controls protecting our monetary patrimony and as a result, it is almost impossible to send money out of the country (especially U.S. dollars), but I finally was able to do so after paying 2 extra dollars (considered as tax) and can fortunately renew my NASA membership. I say "fortunately" because I consider it an honor to be a member." H. Julio Pressa, Buenos Aires, Argentina.

"Let me make it official to those who are somewhat in the dark as to what is going on with ASWLC. In May '64 the club was declared dead, but we here (Buffalo, N.Y.) with the aid of a certain few individuals have built a new "ASWLC II" which is part of the old and part new. The theme of the ASWLC has always been "World Friendship through Shortwave"; In ASWLC II, we hope to inject this theme into our policy." Gerry Klinck, Exec.Editor-ASWLC II.

"Here is the way I express my "view" to the latter part of our club motto..... My friend is loyal and trustworthy. In my eyes, as in those of others, He does no wrong. I see him everyday, every night, everywhere. We trust one another totally. In all the years we have been friends, we neither have met, still He is the greatest friend I will ever have and through Him I will meet and make many others." Dick Cohen

"Entering the hospital for a long overdue operation, and it being at least two or three months before complete recovery, I must discontinue my OUTER SPACE section. I had spent many hours on my past column, even shunned some of my own personal work and activities, but since it appears the members are not interested due the fact they dont have the necessary equipment, I am sure I wont be missed. Will think of NASA often and will forever remember the friends I have found via it." Nick Vrettos, Fort Leonard Wood, Missouri.

"Unity and Friendship" .:

NASA-FRENDX Hdq AUGUST 1964

A members editorial by Paul Kirkpatrick

ONCE....

"Do you remember awhile back about that DX club that folded?"
 "Sure, I was a member of it when it happened. Too bad, wasn't it?"
 "Yes it certainly was. I used to know a few of its officials while it was operating. They sure were a swell gang of fellows, good leaders too."
 "I'll sure miss them bulletins, they were well written and published."
 "Say, did you ever send in any reports or anything for the bulletins?"
 "No; I figured that the little DXing I did wasn't worth telling about. The way I see it the only fellows who should send in reports are those that are experts. Same goes for contests. Heck, why should I waste my time when I know I'm not going to win?! Sure, I know they were always asking for reports and support, but my few catches were not at all worth taking time to send in."
 "Yes, I feel the same way you do. I wonder why the club had to fold?"

This OM is not alone, many other DXers like him wonder why the club in point or others fail. Of course not all do so for the same reasons....some have poor leadership, some have a useless bulletin, and so on down the line, but the fact remains, without any appreciable amount of membership participation, no club can succeed. What have YOU done for your club? How long has it been since you took an active part in one or some ways? It is unfortunate that all of you are not able to hold an office or write a column, for if you did, you would soon change your opinion that running a club is merely a simple part-time job, AND THAT EDITORS ARE LOADED WITH INFO, NEWS. Just who do you think our editors are...supermen? Certainly you should realize they cant magically whip up a fact-filled column month after month when hardly anyone will show interest or support them. Believe it or not, our editors are just as human as you and I and if you want to see some disgusted OM, just step in at any of their QTHs come deadline time. You'll be welcomed, sure...but will you be appreciated? Perhaps you are wondering what DX club the two fellows above were referring to; Well, if the more than 50% of our own membership continue their present pace by not helping or reporting or partaking of club activities, it could very well be ours. DIG? (The criticism "welcome mat" is out, but remember...."He that is without sin among you, let him cast the first stone.")

Paul Kirkpatrick/WPE3BQL
 229 West Chestnut Street
 Souderton, Penna. 18964

Tnx are extended Paul by Friendx staff.

(I should like to point out that Paul has given much fact above. Furthermore, he has given proof of his interest in the club/hobby by submitting his thoughts via editorial mode. This is not only his right as a NASA member, it is also his privilege. Each and every member has the same/equal right and privilege. Reporting the one or some of the sections is but one way you can take part in the club/bulletins; Writing your ideas, thoughts or opinions is another. Important thing is that you do take an interest and that you do so by acting openly as often as possible. Clubs cannot become worthy if members fail to support it regularly, sincerely. Editors of sections cannot be let to work for a club whose membership will not give them help. Nothing demoralizes section editors more than lack of reports and such from members. Nothing adds to the downfall of a club more than the failure of its members to take an active part. Almost every time you pick up a club bulletin, any club bulletin, you read where more reports and action are wanted from members by section editors. WHY should you need be reminded or asked to help? You wouldn't need be if you were doing your part, if you were sincere. No section editor can be expected to continue his work unless he is supported. No club can be expected to continue unless its membership takes an active part in it. And so, if in the future you find various section editors QRTing, the bulletins containing but a few pages and even so, arriving late; Keep in mind it is YOU that be responsible. It is because you have shown no interest and that your laxity has "hit home"....the club hdq and its bulletin staff have lost "drive". Remember, you can only get out of something, what you put into it! Take this to heart OM and be forewarned!!! Bill Eddings)

New Members...contd.....

Alex T. Primm, 19 Upper Ladue Road, St. Louis, Missouri 63124. "Was interested in SW DX in 1938-41 until I entered the USN. Reactivated interest in 1960 and have enjoyed it a great deal. Have made a number of friends around the world through DXing which I consider an "open window to the world". I find the hobby a good way to relax and get away from the business-world pace. Whether it is listening to church bells from the mts of Switzerland, or digging out of the QRM, the Voice of Indonesia." Mr. Primm is a newspaperman aged 49. His listening post is equipted with an HQ-180 and a Zenith 3000. Antennae consists of an 80' longwire and Mosely SWL-7. Added gear is a Columbia tape recorder. Listed as his favorite QSL's are those de Malaysia and Tahiti. Other of his interests include astronomy, golf and gardening. He is a member of the DSWCI and joins NASA via August Balbi.

William S. Sparks/WPE6EXV, 901 Hearst Bldg., San Francisco, California 94103. An NC190 with a 60' longwire make up the gear at the listening post of this OM. At 45, he is an attorney. Of the hobby he sez, "I commenced DXing in 1933 while in highschool and was active with mostly homebrew gear until college work, followed by over four years army service intervened. I returned to DXing in January '62 and have been active since then." Aside from DXing, Bill is also interested in tennis and opera. A member of the ASWLC and DSWCI, he came to NASA on recommendation of August Balbi. Of his more than 500 QSL's, he sez those from Reunion and Malagasy are most prized. He DX'es SWBC.

August Balbi, 1414 South Wilton Place, Los Angeles, California 90019. An official monitor of Radio Australia and Radio Japan; One of the most reknown and respected of DXers, this "topper" comes to NASA via Bill Crook. His shack gear consists of an HQ150 and HQ129X, DB22A preselector, Wollensak T1500/Concord 220 tape recorders. Antenna is 100' L shape longwire (#12) 40' high, SE/NW. DXing SWBC only, his most favored QSL is that from M.S.Kanimbla. He is presently a member of the DSWCI, RCSWC and ASWLC. His age is a young 63 and in addition to DXing, he is interested in photography. "Auggie" has been given much noteriety and many plaudits for his keen/methodical DXing ability over the years; National magazines, SWL clubs of the world and various DX editors of SWBC stations have given him mention thereto, and well they might for he is truly a "topper" in his field. His knowledge/experience re SWBC DXing is second to none. One thing that has been overlooked by most others who have written of him however, is his down to earth friendliness...his ever-ready/willingness to help others, no matter they be oldtimers or beginners. Fact is, Mr. Balbi has brought many new DXers into the SWL realm via his sincere amicableness. He has been and he remains a "big brother" to the younger OM entering the hobby; He has been and he remains a respected friend of the many oldtimers also. And thus, taking the two qualifications making up a true NASAer, 1. serious DXer 2. sincere friend....you have one "Mr. Friendx", August Balbi, the "Sage of the SWBC bands", the durndest digger of DX ever! A vry special welcome sir!!

AND HELLO RENEWALS!

Returning for another year are faithful members Ted Templeton, Bill Stevens, Hector J. Pressa, Dick Jenneman and Peter Drew. Happy and pleased we are to welcome them anew. Be informed that Ted Templeton has QSY'd back to his native Pennsylvania and that his new QRA/QTH is: P.O. Box 1021, Erie, Pennsylvania 16512.

NOTICE!

NOTICE!

NOTICE!

All members who have joined the club in recent months have been informed we presently are having certificates printed to replace cards formerly issued; I should like to say at this time that said certificates have been unduely delayed from printer and that they will be mailed out as soon as recieved here at hdq. I should also like to inform all older members that these certificates will be made available to them for a small fee if they would like to have them in addition to the cards issued in past. Complete data will be given in upcoming Friendx after certificates are recieved here. Pse QRX!

NASA

NEWSROOM

S P E C I A L

NASA

Ronald Luyster, Editor

Route 1

Flushing, Ohio 43737

AROUND THE CLUBS

ANNOUNCING THE RETURN/REORGANIZATION OF THE ASWLC, NOW TO BE KNOWN AS ASWLC II !!!!!

An OM not too well known in the DX club circles is soon to become one of the most reknown! Too, in the process, one of the older DX clubs in the U.S. will become reactivated. The OM is Gerry Klinck and the club is the new ASWLC II! Gerry has taken over as the executive editor, and with the help of a few other individuals, they hope to face the task before them with sincere determination resulting in worthy success. The new ASWLC II will be part of the old, it has to be because the old ASWLC was on par with, if not the best in its field in times past. But too, it will be part new!! Its hdq is now located at 223 Potter Road, Buffalo, New York 14220. I would like to say, and I am certain I speak for all NASA members coASWLCers or not, that we are most happy and very pleased to know of the return of this organization and we extend to its executive and staff, a warm hand of friendship, a sincere wish for cooperation and a high hope for their efforts to meet with success in days to come. I would also like to suggest to NASA members who are coASWLCers, that they do not write the new hdq at the present time on matters of old. Gerry and his staff will be much burdened/busy with present duties at hand; QRM from members will only add more burden, will delay progress. Wait until you hear from new ASWLC hdq or until you recieve the first bulletin it publishes...then give them all the support and help you can. No matter the prowess and the best intentions of Gerry and his staff, they will muchly need sincere and regular support from their ranks! I then here request all NASAers who are coASWLCers, to came to the fore and do your part. My thanks to you! And to Gerry and the OM who are helping him, best and sincerest luck, success and 73 to you and ASWLC II. Bill Eddings

THE FOLCROFT RADIO CLUB MERGES!

Former Folcroft Radio Club has merged with DX-International. The new organization is now known as DX-Internationale (DXI). Hdq is at 91 Court Street, Boston, Mass. 02160, club president is Bill Wilson, VP is Dave Wilson. DXI is an international radio club and publishes a monthly bulletin covering all types of radio communication as well as cardswaps, tapesponding. Annual fee is \$2 for N.A. members, \$3 elsewhere. It has a translation service, a tape service and printed stationary...other services and supplies are presently being planned and/or arranged. Two new "innovations" in the DXI bulletins are "Musical Merry-go-round" which is a commentary on record albums, and "DX Sounding Board" where members are invited to air their views. Sample bulletin is 25¢ and be had from the above QTH or 58 King Avenue, Folcroft, Pa. 19032. (Via Dave Wilson and Paul Kirkpatrick)

Summer supplement to the 1964 WRTH is to be had now. Price is \$1.65 (ppd) to anyone in N.A. Order direct from: World R/TV Handbook Company Ltd., Sundvej 6, Hellerup, Denmark.

AMATEUR TAPE EXCHANGE ASSOCIATION

Basically a tapesponding club, the ATEA approaches the tape recording hobby in different ways...they encourage pepals in the modern form such as conversation and Round Robins, montages of sound - taking it apart and reassembling it, the scientific/technical approaches to sound recording to get better reproduction, and music recording. The annual fee is \$3 and members are sent the clubs publication "Decibel". Small mailing stickers, name/address labels and mailing envelopes are available. "Workshop" (group participation projects) are occasionally developed and all members are invited to take part. To join, write ATEA, 5411 Bocage Street, Montreal 9, Quebec, Canada; You will be sent a application form. Upon receipt of the completed form with your membership fee, you will recieve membership card, a list of current members and a prerecorded tape telling you in detail how to get the most out of your membership. (Paul Minker)

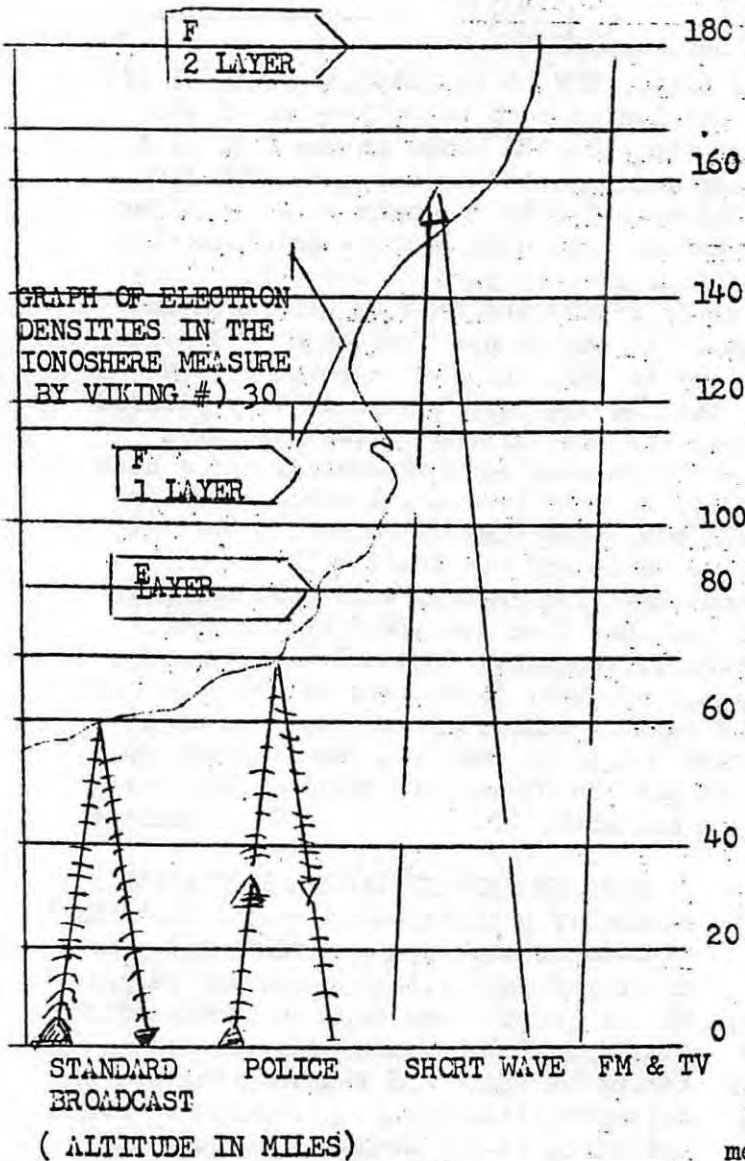
This section, done at hdq this month, may be the final because of fact Ron is QRTing due members lack of support. B.E.

THE MONITOR

By: Nick Vrettos Jr

IONOSPHERE

TECHNICAL DATA



Different layers in the ionosphere reflect different type of radio waves.

The low frequency on standard broadcast waves are sent back to Earth from a layer low in the atmosphere.

The high frequencies program such as FM (Frquency modulation) and TV (Television) pass easely into OUTER SPACE.

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LOW FREQUENCY

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HIGH FREQUENCY

IN REPORTING TO STATIONS ON SHORT WAVE on Reception conditions, the S*I*N*P*O Code is one of the news to be used. Radio Japan, uses this code exclusively.

All numbers after the letter range from 1 to 5.

The SINPO Code, with Q-code equivalents, meaning, and ratings, is given in the table below:

S	I	N	P	O
Signal Strength	Interference	Noise Atmospheric	Propagation Disturbance	Overall Merit
5-Excellent	5-None	5-None	5-None	5-Excellent
4-Good	4-Slight	4-Slight	4-Slight	4-Good
3-Fair	3-Moderate	3-Moderate	3-Moderate	3-Fair
2-Poor	2-Severe	2-Severe	2-Severe	2-Poor
1-Barely Audiable	1-Extreme	1-Extreme	1-Extreme	1-Unusable

R-S-T reporting code is used many times by beggining SWL's, but is basically intended only for amatuer radio operators transmitting cw mode and/or in QSL's QSO's thereto connected. R-S-T code does not apply to AM transmissions.

LOGGINGS es REPORTS contd.... LOGGINGS es REPORTS contd....

- 7000 15115//11760//9840-Hanoi, North Vietnam with English news. AB
 11660//9685//7130//6095-Taipei, Taiwan. BBC. S/on and English nx. AB
 9640-HLK5, South Korea with English nx at 1030. AB, LS
 15240//9752-Pyongyang, North Korea s/on and English nx. AB
 7245-St. Denis, Reunion. RTF. heard 1045. No other SW outlet used then. SCIXers
 9585//7270*RII, Indonesia*s/on and English nx at 1015. AB
- 1200 11800//9650-Peking, China has English nx. AB
 9580-Radio Australia to ECNA s/on at 1215, English nx at 1230. DX program is
 on Sundays at 1300. AB
- 1300 3925//6055//9595-Japan has English nx from 1350/1400. AB
- 1400 Malaysia Radio has English nx relays: Sarawak 4950, Sabah 4970, Kuala Lumpur
 4985//9750, Radio Malaysia 7200 and Singapore Radio 11935. AB (and I cant even
 hear a single one of em. Gads! BE)
- 1500 11935-Singapore Radio has English nx at 1530. This station, matter of fact, has
 English programming from 0700/1630. AB
 11855-FEBC, Philippines with English nx at 1530. Irregularly hrd on 9710. AB
 11825//9685//7130//6095-Taiwan BCC, s/on of English program. Nx at 1530. AB
 15415-VOA Colombo, Ceylon at 1512. Poor sigs. JA
- 1600 9725//9580-Malaya, FESBBC w/BBC nx. AB
 17820-CBC, Canadiana International Service. Hrd 1652/1736. ID's in French and
 English, programs in various languages. TB
 11950-Lagos, Nigeria with nx summary and mx program. Many ID's and time chex.
 Lotts QRM de RTTY. TB
 9505-Radio Japan with nx in English. FP
 15115-HCJB has Russian program to N and S America. LS
 6080//6160-CFKX & CBUK, Vancouver, B.C., Canada at 1645. LS (Wat kinda programs
 do they have Lou? BE)
 11825-Papeete, Tahiti s/on 1615. French nx at 1630. AB
- 1700 11690-Radio Moscow blasting (blabbing) away at 1750. LS
 11930-Deutsche Welle at 1725 with program in Persian(?). Much QRM. PM Same
 station reported by LS who sez it s/off English program at 1710 followed by
 IS and then s/on in German. (Are both you OM tuned to the same freq? BE)
 15440-WRUL, New York with excellent sigs. LS (FB Lou, but wat type prog??? BE)
- 1800 11880-XEHH, Mexico with usual programming. LS (FB again Lou OM, but wat type
 programming do you refer to? Lotts DXers have never hrd this station and have
 no durn idea wat you say is usual. Beginning SWL's/DXers especially appreciate
 details in reports de toppers like you. Tnx! BE)
 11835-Cape Haitien, Haiti poor here at this time. LS (?????? BE)
- 2000 9505-Radio Japan, NHK Tokyo, General Overseas Service with nx in English and
 then into Japanese. Fair sigs. FLP
- 2100 11800-Radio Ghana was hrd 2130/2135 s/off in English with what was announced
 as "a special program to the United Kingdom and Europe". RL
 9535-SBC, Switzerland tuned 2115/2130 in "Esperanto for You" prog. PM
 7210-Switzerland, International Red Cross Station. Did anyone hear any of the
 sked test xmsns on July 6 and/or 8? These were sked for 2100/2200 (also 0600/
 0700, 1130/1230 and 1600/1600) They will appreciate your reports (so will we!)
- 2200 15090-Damascus, Syria has been noted from 2230 when opening xmsn to S.A. on
 this new freq. Anmts in Arabic and Portuguese were followed by a programme of
 light Portuguese mx. SCIXers
 15160-Ankara, Turkey with English nx. AB, FP
 15085-WIBS, Windward Islands with English nx 2230. AB

CREDITS for preceeding reports this month go with special thanks to the following CM:
 AB-August Balbi, California PM-Paul Moyer, Ontario
 WS-William Sparks, California TB-Tom Bispham, Pennsylvania
 FP-Frank Peters, Illinois RL-Ron Luyster, Ohio
 FLP-Fred L. Parsons, Ontario LS-Louie Stober, Oregon
 SCIXers-Sweden Calling DXers BE-Bill Eddings, Pennsylvania

FINAL

FINAL

LOGGINGS-REPORTS-TIPS-INFO-FAX-DATA

Radio Budapest with N.A. service in English 9833//7215 noted here 0300/0330.....RTF, Paris, France hrd 0155 on 11845 during its L. A. xmsn in Spanish. ID given as "Aqui Paris, Radio-Television Francais".....Radio Australia, N.A. service on 15220 from 0100 to 0300 gives good to excellent signals nightly and offers entertaining/interesting programs. Dual to 17840 which is also well rcvd, but is susceptible to QSB. R.Luyster

"Actually there has been little in the way of DX that could be called news this past month unless with exception, the unusual Africans being logged, still available on the 60 and 90 meter bands. Normally we expect good evening reception of Europe on the high bands this time of year, while the static and noise level renders tuning 60 and 90 useless. Well there has been some good reception of Europe alright, but the surprise is the relatively low QRN out here in California. As a result African DX between 0500 and 0700 has been possible several nights a week. In fact it might be possible to log some stations that are impossible to hear during the winter." W.Sparks

Radio Presidente Balmaceda, CE960, Santiago, Chile hrd on 9600 at 0215/0225 with programs, ads, ID's in Spanish. Also modern music. Very good signals.....Overseas service of Radio Norway, Oslo hrd on 9610 with English program "Norway this Week" 0210/0230. There is QRM from Moscow at s/on at 0100. F.L.Parsons

USSR, Magadan on 9500 with exercizes. ID at 1825 as "Govorit Magadan" F.Peters (I am wondering Frank, do those "exercizes" QRM the signals any? H! hi! Wat kinda exercizes did you hear...physical?musical?military? er wat? BE) Might say that nothing can add zest or stimulate a DXer more than hearing some Russian-female lyric soprano doing her scale exercizes...the musical sort, not the type pretaining to weight!)

FEBC has new frequency of 9505 replacing 11855 for English news to India 1530/1545.... Luanda, Angola s/on 6025 0600 La Portugesa Chimes. A.Balbi

Pleased we are to announce NASA SWBC awards being earned by the following DXers 'round the world: Gerry Klinck, Waldo Obertronb, Louie Stober, and Gary Walsh. Congrats all!

When reporting, if you are not positive of the frequency, add an "A" after it. This will mean that the frequency you list/give is approximate. Many times a station will change frequencis without notice, many even announce frequencies on which they no longer broadcast and this tends to misinform/mislead DXers; especially the younger or newer. Then, in good intention, through no real wrong on the part of these OM, they submit reports stating a frequency that is incorrect. Thus, to aid others and to keep your name from being "black-balled", list uncertain frequencies as above instructed. It will benefit you and everyone concerned. This does not apply to those OM who have and use gear to measure frequencies...this applies only to those like myself who do not have such gear and who, at times, must wager a guess, not meaning to be wrong, but yet possibly being so. Let's have the NASA SWBC section become known as the most FB and reliable of all. Tnx and best DX. Bill Eddings

If apologies are in order for the above paragraph, they are here offered. I admit I find it difficult to do a section without letting editorial gas enter in. Thankfully OM Benson will be back next month (watta relief!!) and this section will again be up to par editing-wise. Just want to mention that all contents of this months section were those forwarded to me by Doug...all were included, none excluded; So if any of U sent any data in for this section and it isnt contained, write Mr.Benson, not me. But also keep amind he is being QRM'd of late what with QSYing to a new QTH and getting settled in a new vocational effort. So speaking for Doug and myself, tnx to those who reported; Hope you will do so agn and that others will join you. Good luck & good DX! and as Doug always sez, "Keep smilin, its lots easier." 73, Bill E.