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NORTH AMERICAN SHORT WAVE ASSOCIATION

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AND
DIVERSITY

"FRIENDX"

OFFICIAL BULLETIN

DEC. '64 EDITION

Headquarters-NASA

1503 Fifth Avenue A2

Altoona, Penna. 16602

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The
best of
gifts are
not those we
buy, wrap in a
gaye-fancy paper
and adorn with tin-
sel, but those given
from the heart and are
wrapped in the intangible
qualities of love and good-
will. To little children; Smi-
les of encouragement and words of
cheer as they bewilderingly step for-
ward into experiences of life. To youth;
A helping hand in their quest for knowl-
edge and adventure without which youth can-
not live. To eldtimers; An opportunity for
the dreaming of dreams and an enrichment of
years to come. To life; A measure of devotion
that will enliven the common ways and too, will
enable the common tasks. To posterity; The legacy
of a good name and the reputation for initiative and
industry and integrity in all things. ...Rudy Welk



FRENIX is the official publication of the North American Shortwave Association!!! There are no subscriptions! Only sincere and active members are entitled to copies by application/joining the organization and paying the required membership fee (\$3.00 per year to 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 supporting members.

FRENIX STAFF: William Edings
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Alan Herrington
Larry Marshall

BOARD OF DIRECTORS: Donald Jensen
Lavoyd Kincy
John Arthur

ANARC REPRESENTATIVES: Doug Benson
Frank Peters

CLUB MOTTO: "Unity and Friendship"

CHRISTMAS

I would have you dear friend, observe a young lad, a novice DXer let us say, at the table for Christmas dinner, and his grandfather, an oldtimer, across from him. What a world of secret similarity there is between them. How hope in one, and retrospection in the other, and appetite in both, meet over the same ground of pudding, and both understand it to a nicety. How the oldtimer banter the novice on his third slice and how the novice thinks within himself that he dines this day as well as his senior. How both look warm and rewarded and juvenile and are smiling. The oldtimer see's his own face in the younger of the novice; And if the novice is not pleased at the proclamation of the likeness (in truth, he is horrified at it, thinks it a sort of maddness), yet those who have lived long enough to see the wonderful changes in peoples faces from youth to age, probably discern the thing well enough; And feel a moment of pathos in their hearts, in considering the world of trouble and emotion that is the causer of the changes. The oldtimers face was once as that of the novice; That of the novice is surely to one day be like that of the oldtimer! What a thought to make all of us love and respect one another, if not for our own fine qualities, then at least for the trouble and sorrow which we all go through. Yes, and joy too. for all people have their joys as well as troubles at one time or another; Most likely both together, or in constant alternation, And the greater part of troubles are not the worst things in the world, but only graver forms of the requisite motion of the universe, or workings towards a better condition of things, the greater or less violent for violence, or respect them like awful but not ill-meaning gods, and entertain them with a rewarded patience. Grave thoughts, you will say, for Christmas. Yet no season has a greater right to grave thoughts, in passing; And for that very reason, no season has a greater right to let them pass and recur to more light ones.

So a noble and merry season to you all my friends...and may we meet thick and threefold many a time to come...novice and oldtimer alike...ever with "Unity and Friendship" in mind.....always with the spirit of Christmas in heart.

Bill Eddings

XMAS 73

I would like to wish our Frendx staff a jolly merry Christmas.... To Herr Eddings; A hope that his holey ole sock is filled with new memberships and renewals, and less QRM-type mail. Too, in that he is pounding out the SWBC section, may that same sock contain four more hands two more legs and an invite to become the fifth Beatle. To Monsieur Marshall; May his cardswaps/section always look like a "full house" (but make sure he deals off the top o da deck. I hear he is gittin a bit of book larnin.) To Senor Little; May he find under his tree, a KL7 QSL card de the largest state and from deep in the heart of Santa's sack, a book on how to convert transportation courses into S9 DX signals. To Von Herrington; A college degree so that he can fergit the books and help me acuire more QSL's. (Wat a gold-brick he is!) To Lil Joe Fela; May every-thing he hears come out mediumwave rare es hopes that all BCB stations went go VHF or he would be outta a job. More 50,000wtrs to ya OM! To the ANARC reps and BOD, a new transistorized Quija board with built-in computer....A Nerly Noel to ya'all!!!!!!!

Bill Strait

GIVE-LIVE

(The following was recorded by yours truly and was part of the special program that WINE didnt air for us. It was submitted by letter via member Dick Jenneman. We now repeat it here due it being worthy. B.E.)

I do not know how long I'll live, but while I do, please let me give
Some comfort to someone in need; By smile or nod, kind word or deed.
And let me do whatever I can, to ease things for my fellow-man.
I want naught but to do my part, to lift a tired or weary heart;
To change folks frowns to smiles again
Then I will not have lived in vain.
And I'll not care how long I'll live, if I can just give and give and give.

There are those members who do not think such as contents of this page should appear in our bulletins, but I, in following with the theme of our motto, and believing that a club is a group of friends as well as DX enthusiasts, will continue doing so as long as I am oppurtuned to be Exec. Editor.

Bill Eddings

BoD MEMBER RESIGNS

Works and undertakings of the NASA BoD that really began to get rolling in recent weeks have now been somewhat hampered by the recent resignation submitted by one of its members, Lavoyd Kuney. It should be pointed out however, his reasons were, for the most part, quite justified. Now, before the BoD can resume actions/business, another member must be appointed. Delay will not be long because Hdqs, for some reason, had been anticipating possibility of just such a happenstance. You will be informed of your new BoD member in next months Friendx. (Incidentally, Lavoyd is not QRTing the club; He will continue to edit a CHC column for our Ham section under Richard Little.) It should also be mentioned that although there has not been much said about workings of the BoD, efforts have and are being made by the OM therein re a club constitution. Once this is completed, we will then work on the idea's re having NASA become incorporated or not.

LATEST DE ANARC

Donald Jensen has been reelected to the post of Exec. Secretary by a vote of 12-2. The "Man of the Year" proposal was okayed by a vote of 7-5 (1 abstention ??) The previously approved proposal for interchange of information on courtesy programs has apparently fallen through. DK-International has officially declared it will not affiliate with ANARC. The following is a list of all clubs now in good standing of ANARC. Names of reps from respective clubs are also given: ACRC-Richard Wood, ASWLC-C.M. Stanbury, CDXC-Fred Woodley and Dave Noon, CIDXC-William Jennings, Great Lakes SWDXC-Eric Foster, IRCA-Bill Nittler, KYDKA-Dave Reed, NASA-Frank Peters and Doug Benson, NNRC-Bill Shultz, James Hart and Hank Bennett, NRC-John Callerman, WMRC-Richard England.

GOOD BARGAIN!

One of the best buys we have seen in a long time is the National NC-140 communications receiver offered at \$60 off list price by Burnstein-Applebee Co., Kansas City, Mo. If you are thinking of a new rx, here is your chance to get a good one at a good price. (This is meant as a tip to NASA members; It is not an ad! Anyone interested, write the company named at: 1012 McGee Street. Ask for catalog supplement #65-2.)

SERVING SINCERELY

Certain NASA members, in excess of their regular reporting to one/some sections of Friendx, serve the club/hobby in other ways sincerely. Lou Stober has often donated quantities of stamps for hdq use; Nick N. Vrettos has sent supplies of stencils for bulletin use. Then there are members such as August Balbi, Bill Strait, Ron Luyster, Fred Parsons, Rudy Welk, who serve most readily through understanding, guidance in keeping with our motto. For the most part, these sincere "servants" go unthanked or un-noticed, except from hdq; Yet without their sincerity and helps, the club and bulletins would many times be less worthy, the future more uncertain. And so we here thank them publically in printed word sent from heart and in behalf of all members.

DEAL OFFERED

Member Bill Crook has a Knight "StarRoamer" that he will give/swap to anyone who will build him the transistorized-battery operated BFO featured in Electronics Illustrated...or a portable FM receiver as swap. The "StarRoamer" sez Bill, makes a fine second set or standby for any shack. OM's who are interested should write Bill at: Casa La Al Motel, 200 South Coombs St., Napa, California 94558.

FOR SALE/WANTED

Sale- PE, EI, Radio News, Fur-Fish-Game, ARRL Hints & Kinks, Detective mags, GE Ham News, Science Project Hndbk: Any/all for very low prices. Wanted- Power transformer for a Coronado console model C11A54. Write: Richard Jenneman, RR2, Box 104, Stanley, Wisconsin 54768.

DECALS/STICKERS

Several members have asked that club decals and/or car bumper stickers be made available. Hdqs has considered this, but from experiences most other clubs have had, find that such are costly and few sold. We would like to suggest instead, club emblems made to be worn on sweaters or jackets. These would be approx 3" in diameter. Have a royal blue background and gold lettering stitched in. Depending on number ordered/bought, they would sell for about 79¢ each. Drop a card to hdq if you are interested! Dont send \$!

NEW

NEW

MEMBERS

MEMBERS

December

December



William Boyle/WPE2KSK, 1852 Emma Street, Wantagh, New York. "Been SWLing since about 1936. Served as radioman with 8th Air Force in England during war. Presently working as Supervisor at FAA Overseas Transmitting Station WSY, Sayville, N.Y." Equipment in Bill's shack consists of an HQ-129X, Regency VHF, VHF converter, FM tuner and a Pilot TV. Listed antenna are a 40' longwire and VHF whip. Main interest is in SWBC, but also Utilities and TV DXing. Other interests are model building. Hrd of NASA de PE.

Joseph Rudolph/W2WZB, 40 Arthur Place, Red Bank, New Jersey. "I'm 44 years old; Do electronic repair work for a living. Have 4 children. Have been a ham op for 25 years and an SWL before that. Still like to listen to all radio bands and have no favorite type of listening." Listed gear; Super-Pro, HQ-129X, SX-28, RCA-FM, 12 transistor all-band, Meissner Traffic Master, 2 RCA recorders. Antennae; 100' trap, rotatable AM loop, fishpole, 50' endfed. Prized QSL; PVL-Bandoeng(1937). Joe is also a stamp collector, is interested in awards of all types, would like to try tapesponding (be sure to write before sending tape!!!). Joe comes to us via Hank Bennett.

John "Dan" Sheedy/WPE6BVT-WN6LHB, 1856 Crest Drive, Encinitas, California. "I'm 15 and a Junior in HS. I enjoy BCB DXing, ham radio and am interested in Mayan Archeology. Have taken 5 years of elementary and advanced Spanish and can speak it fairly well. My rx is a SX-140, also have a surplus RBM. Xmtr is a Ranger. Antenna; 12AVS verticle and 50' longwire. I am a cardswapper, hope to soon be a tapesponder. My best QSL to date is de VLT6, also CGRA and first ham QSO - WN2MYK. Incidentally, CGRA is a Chinese Government Radio Administration utility station operated as Hong Kong Cable and Wireless Ltd. I heard about NASA from member Ted Palmer."

James L. Ekblom/WPE3BPJ, 1141 Hadtner Avenue, Williamsport, Penna. "Been SWLing for five years. Have many hobbies. Anyone over 21 interested in corresponding or a few games of chess via mail, please write." Jim is 24, single and rejoins NASA after a year or so absence. His rx is an S38E, antenna a 45' longwire. He also has an antenna tuner. Other clubs he belongs to are the RCSWC and RPSWC.

RENEWALS - RENEWALS

A hearty welcome back to the following who have rejoined for another year in NASA; Dick and Peggy Fairless, Jon Gentry, Lou Stober, Tim Hartman and Charles Rader.

NEW/CHANGED QTH's

Paul Kirkpatrick, CMRI, Box 5393, Chanute Air Force Base, Illinois
William Jones, 836 Second Avenue, Aurora, Illinois 60505

MANY HAPPY RETURNS

Special greetings to the following members who celebrate birthdays this month!!!!!!
Dick Cohen, Oscar Reyes, Ted Palmer, Bob Minker, August Balbi, Les Collins, W.Brady and belated wishes to Lou Stober. Lou celebrated last month, but due the fact his birthdate was not on his application form (he joined prior to the revised app's) we did not have the info on file here at hdq. So if you want to make sure you are listed in the birthday column, please send your birthdate data to hdq. A postcard will be OK.

ATTENTION

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Anyone joining the club or renewing within the past three months and did not receive membership certificate, please inform hdq immediately and they will be forwarded!!!

IMPORTANCE IGNOREDTEK--TIPS

Most discouraging was the fact that little mail was received here re the "DX Club and the Law" article that appeared in last month's edition of *Freendx*. Even what little was received, didn't touch on the important points stressed. One letter, however, from a rather new member, rather shook us up. It requested his membership be canceled and refund sent. Seems the fellow didn't want to risk being responsible for other members' "doings", not have them be responsible for his. Matter of fact he said that he would not join any other clubs unless/until they were incorporated. (NASA had been the first and only club he had joined to date.) Hdq was, of course, only too happy to oblige with his request; Mainly in that here was one OM who took the matter seriously, even though perhaps not trustingly. Regardless however, we would ask that all of you again read the article and give it all due consideration. It is something we feel is of vital importance to all clubs, not just one alone. Few DXers, few officials of clubs are aware of the laws concerned. They and the all of the hobby would benefit if they were to look into them...abide by them. At present we are doing so here at hdq, but no official action can be taken until our BoD has drafted a constitution and it has been voted on by the membership, approved. It's a sad fact that too few members take an interest in the internal affairs of the clubs to which they belong; Majority only care that they receive bulletins which, for the most part, they don't even report to at all. It is usually this type of member who does the griping and complaining...even though he isn't actively interested in trying to help. His criticisms are not of the constructive idiom, but are self-centered. Some members have admitted that they never even read the hdq pages of bulletins...that they only scan a certain section or two of those re DXing. These OM care nothing about the overall of the club, they care only for feast to feed their egotistical lusts. OM of this lot are in all clubs, not only NASA! And although I realize it may never be attained, I will always be of opinion that a club should be made up of a group of sincere friends, working/cooperating collectively for the good of one the other; Sharing the rewards as well as the losses. Let us then make the slogan for the year ahead be:

Loudspeaker Improvement: Apply a few light coats of spray varnish or laquer to the cone of a small loudspeaker and a more bassy sound will be reproduced. The spray treatment lowers the cone's resonant frequency and at the same time cuts down its high-frequency response. A greater ratio of bass and treble output is thus produced. Spraying also protects the cone from dampness, lengthening its life.

Removing Insulation: In equipment where high frequency response is important, short leads are essential. Sometimes it is difficult to get to the leads and quite often use of a wire stripper or knife results in damage to soft wire leads. If the leads are insulated with plastic, there is an easy solution; While pulling at the end of the insulation with the fingers, touch the tip of a soldering iron to the point where you want the insulation cut. The insulation can then be neatly removed without any damage to the wire.

Soldering: Do you ever find yourself striving to get a large soldering iron into a tricky corner of a rx or some other radio gear? One way of overcoming the problem is to wrap a short length of tinned bus-bar a few times tightly around the tip of the iron, and extend the end of the bar an inch or more beyond the tip of the iron. The bus-bar, or heavy solid conductor wire, will not conduct all the iron's heat, but will do for most small jobs... (Tnx to DXM-WWRLC)

BUYERS TIP

All of you thinking of getting a new tape recorder of the monophonic type should be sure to first read the report on same in a recent issue (Nov. '64) of "Consumer Reports" magazine. This enlightening article discusses the pros and cons of eight models that were given high ratings, along w/ others that didn't make the grade. Some of the tips re recording are also included. "Consumer Reports" is published by the Consumers Union, and gives unbiased info on all types of mdse. Many reports on radio, TV, phono and other electronic equipment are featured. This monthly publication is available at most news-stands and libraries. (Tnx to Ron Luyster)

MERRY CHRISTMAS

"Make Unity and Friendship thrive ins! '65" H A P P Y N E W Y E A R !

NASA SHORTWAVE B/C CENTER NASA

Compiled at NASA Hdq

All times GMT

Deadline 15th of month

Being this section is compiled here at club hdq's, it gives me an additional chance to extend seasons greetings; This I do, and most sincerely, to those of you who are and/or have been assisting me by regularly reporting to the various columns re SWBC. And so my wishes for you include a holiday filled with enjoyment, worthy rewards, true good-fellowship and many hours of happy listening.

I wonder how many of you feel as I do when listening to some/various SWBC stations at this season of year?? To me, there is something special....no matter there be heavy QRM or severe QRN....hearing christmas carols coming from a far off land, I am pleased innerly, and somehow warmed too. Even if/when QSB occurs, it adds a certain touch; A sort of "angelisticness" to the voices of the carolers. Makes no difference the words or lyrics be in alien tongue, carols of christmas are understood universally; Even in lands where this music, these songs are banned, there will be many peoples tuned to SWBC this season of year, and so for this too I am pleased in that I know we are all united in mind, in heart, in spirit of Christmas. One could then say that I, in ways, look upon SWBCing, not as a mere phase of our hobby, but perhaps more a blessing. Yes, I wonder how many of you feel as I do? Let me know in next months reports, wont you?

SPECIAL NOTE!

OPERATION "ASSIST"

Part of the Radio Nederland "DX Juke Box" program for December 24th will be devoted to christmas greetings from various DXers and/or clubs of the world. NASA is one of the few organizations which has been asked to partake/cooperate. YOU will thus be represented; The recorded greeting NASA hdqs sends to Radio Nederland will be in your behalf, voiced by yours truly. Give a listen! Report!

We are also most pleased to inform you that Jim Vastenhoud of Radio Nederlands "DX Juke Box" program has offered NASA a regular time slot. Preparations and arrangements are presently being undertaken here at hdq. As soon as all are okayed/officially accepted, you will read of it here in French. Meantime we would like to extend sincere thanks and appreciation to H. Van Gelder and Jim Vastenhoud, as well as Radio Nederland proper, for these opportunities. NASA is indeed grateful and pleased to be able to work with such FB OM and cooperative organization. A true example of "Unity and Friendship"!

ATTENTION!!!!

RCSWC will present, in near future, special recording of various SW tuning sigs ie stations throughout the world. These are being taped by the CE at Radio Canada monitoring station. For further details, listen to RCSWC prog every Sat. (Fronczak)

NASA hdq and various members, also other of the clubs/members have been asked by O. Lund Johansen, publisher of "How to Listen to the World, to cooperate by filling out certain form sent them. Requested info deals with reception conditions of the various meter bands, day/night, in different areas of the world during the different seasons of year. We would then like to urge all members and DXers who have recieved these forms, to be good enough to complete and return them to Mr. Johansen; To assist him in his latest operation beneficial to our hobby. Tnx!

- SPECIAL PROGRAM -

SABC will air a special program for KYDXA (Kentucky DXers Association) on December 8 from 0330-0345 over 6150//7270. Purpose of program is to "publicise KYDXA and help us guage reception of our transmissions to the USA and elsewhere" sez SABC official J.J. Speis. Reports should be sent to KYDXA at 546 Pond Run Road, Raceland, Kentucky 41169. Return postage or IRC is requested for QSL. Reports will be forwarded to SABC. (KYDXA)

CONGRATS!!

A topnotch salute to the following DXers who have earned NASA SWBC awards recently; James Earl "Twenty-Fiver", Carlos d'Demizzio "Twenty-Fiver", Clive Oliver "General" and Colin R. Forbes "Seventy-Fiver".

HISTORY

***** TRANS WORLD RADIO *****

TransWorld Radio was founded by Dr. Paul Freed in 1952 as Evangelism Inc., for the mass communication of the Gospel message. Burdened by the heart cry of Spain, Dr. Freed realized that radio would be the best means of presenting the Gospel to this needy land. While visiting in Tangier, Morocco, he discovered the ideal site for the radio station. Spain lay directly across the straits.

The Voice of Tangier became a reality in 1954. Dr. Ralph Freed, father of Dr. Paul Freed, took over the field operations and gave the Gospel message on February 22 '54. This was broadcast over a 2500 watt transmitter. The Voice of Tangier began regular programming in six languages. On January 1 '56, the station expanded by broadcasting over a 10,000 watt transmitter. By 1959 a missionary staff of 24 were working together to beam programs to forty countries in more than 20 languages. Then the Moroccan government issued a proclamation: All communications facilities were to be nationalized by December 31 '59. The Voice of Tangier would have to be discontinued. A change was inevitable.

Dr. Paul Freed had already been in consultation with representatives of Radio Monte Carlo in hopes of establishing a Christian radio ministry on the continent of Europe itself. In light of the Moroccan edict, he pursued this possibility in earnest. Plans and arrangements were soon completed with Radio Monte Carlo that made possible the purchase of a 100,000 watt transmitter at Monte Carlo. A long-term leasing contract was signed for full-time use of powerful radio equipment to be housed in the transmitting building, which had been constructed by Adolph Hitler during WWII for Nazi radio. Voice of Tangier thus became TransWorld Radio.

On October 16 '60, TWR broadcast its first program from the 100,000 watt transmitter on Mount Agel high above Monte Carlo. Today a system of eight high-gain directional antennas beam the Gospel message into three continents - Europe, Asia and Africa. Programs in 23 languages have brought letters from a listening audience in 93 lands. TWR still maintains its production studios in Tangier, Morocco. Most of the Spanish programming is produced here. Production studios are also located in Wetzler, Germany; Beirut, Lebanon; and Monte Carlo, Monaco.

The Gospel broadcasts via TWR in Monte Carlo began to reveal the increasing importance and urgency of the ministry to the USSR and satellite countries. This factor, coupled with the mounting infiltration of communist propaganda to the Latin American nations, prompted Dr. Freed to consider a station that would supplement the coverage of Monte Carlo. Radio experts recommended the Caribbean area. In 1962 Dr. Freed began negotiations with officials of the Netherlands Antilles.

A 180 acre site on the island of Bonaire was given to TWR for its broadcasting station and construction got under way in 1963. The building complex consists of a transmitter building, a studio building and a power plant. The administration offices and the permanent studios will be erected on TWR property in the heart of Kralendijk which is the capital city.

TWR-Bonaire is the most powerful religious broadcasting station in the world. It is utilizing super-power...over 3/4 million watts. Mediumwave transmitters of 50,000 and 250,000 watts serve a world-wide listening audience. (The MW antenna is 760 feet high.) A field of high-gain directional antennas carry the SW signals.

TWR-Bonaire has its own power plant. It contains two 90,000 pound diesel engines by Alco. These are 16-cylinder, heavy duty, turbocharged engines. The plant also has a 1600 kilowatt Westinghouse generator and a 50 kilowatt auxiliary.

TransWorld Radio is broadcasting the Gospel message with over a million watts of power through its facilities at Monte Carlo and Bonaire.

Joan S. Haaland/TWR staff

(Our sincere thanks to Miss Haaland of the TWR staff for the above which was sent at request of NASA member Louie Stober who forwarded it for publication in Friendx.) B.E.

TransWorld Radio upholds the motto of the North American Shortwave Ass'n.

"Unity and Friendship"

SWBC

SPECIAL

SWBC

THE VOICE OF FREE KOREA

YESTERDAY-TODAY-TOMORROW

The VOFK was originated before the Korean War as a part of the Korean Broadcasting System. Its purpose was to broadcast anti-communist, Korean language, programs into North Korea, which was under communist domination. The program was known as "Jayu Daihan Eui Sori", which translated means "Voice of Free Korea". The program expanded in 1953, after the Korean War, when it became evident that an overseas service was needed. Following the philosophy which governed the programs beamed to North Korea, it was decided to call all overseas transmissions "The Voice of Free Korea". The first English broadcast of the VOFK was transmitted for foreigners residing in Korea on August 15, 1953. The English programs were broadcast daily for 15 minutes. Programming in Japanese began on December 1, 1955. Thus the overseas service began its regular activities.

The VOFK carried out shortwave test broadcasting toward Hawaii for a ten day duration beginning on October 31, 1956. Then on September 2, 1957 an English and Korean program lasting 30 minutes each, was broadcast to Hawaii and North America on 11925. On April 10, 1958, the Southeast Asia service was initiated and programming was in English and French. Today, all overseas programs of the VOFK are transmitted by a 50KW transmitter located in Suwon, a city south of Seoul. Main offices and studios of VOFK however, are in Seoul, the capital city.

At the beginning, only five people were working on the English service....three men and two women...At the present time there are ten working on the three hours of English programming. The Spanish and French services employ several each, but the largest staff is enjoyed by the Japanese service which numbers some 20 announcers/producers. Chinese and Russian services are also active parts of the VOFK and are the only services which have native speakers employed.

Future plan of the VOFK give priority to extension of the now 30 minute English program into a full hour. Installment of German, Arabic and Cantonese services are also now being considered. A boost of transmitting power to 100KW is also contemplated. One of the additional plans is to use a number of frequencies in the various meter bands, to insure a better and wider coverage for listeners wherever they may be.

-30-

(Information above was graciously supplied by Mr. Churlmo Hahn, Euro-American Service, VOFK. Says Mr. Hahn..."It is our belief that the world is made smaller, not only by the satellite and missiles, but also by the DXers and fellow members of clubs such as the North American Shortwave Association. As the world gets smaller, it becomes necessary for all of us to have an undistorted presentation of ours. Nothing is finer than an honest man, and the VOFK tries to present the people of Korea, as well as the views and standing taken by their government in Seoul, honestly." Louie Stober, Official Monitor for the VOFK.)

FACTS

In Europe and the Middle East, 70% of the 160 million radios are equipped for international SWling. It varies from a low of 50% in Britain to 95% in Scandinavia. In the U.S., with many local stations and national networks (BCB), the listening habit/pattern is established and to most of the people it is satisfactory. But in the other parts of the world, people are often totally dissatisfied with what their government-controlled radio provides. Thus it is they scan the international SW bands for what is new, different, satisfying.

FIGURES

USSR broadcasts are heard in 48 languages on 355 acknowledged frequencies (and many more.) VOA broadcasts are heard in 38 languages over 100 transmitters on more than 150 registered frequencies. BBC maintains overseas outlets on 140 registered freqs. Radio Free Europe has 75 frequencies listed. Radio Egypt beams to Europe and Africa on 20 registered frequencies. India uses 75 frequencies. In addition, many other countries of Europe, the Far East, Africa and even the Communist Chinese are getting into the QRM act.



NEWS TIPS SKEDS

ICELAND. Sked recieved from the Icelandic State Broadcasting Service says transmissions are daily in Icelandic 2030-2200 and on Sundays also 1315-1500 on 9640. (SCDXers)

SOUTH KOREA. The Voice of Free Korea DX program can be heard at 0315 and 0645 on the last Thursday of each month on 11925 and 0515, same days on 9640. These programs are presented with cooperation of HLZPEIH in Seoul. (Stober)

MALAYSIA. Kuala Lumpur on new freq of 7300. Sign on at 0900. Has English news at 1100 and 1400. (Balbi)

PAKISTAN. Radio Pakistan on new freq of 9815 with English news at 1415 and 1500. Severe QRM. (Balbi)

AUSTRALIA. New transmission of Radio Australia on 11840 to New Zealand and Pacific. Sign on is at 1800 daily; Saturday at 1930 is //9600. (RAIX/Balbi)

FRANCE. RTF testing on new freqs 6175-11855-9560-9570-11725-6145-9620-15160. (These tests ended Nov.30th. For best reception report rcvd during tests, the Franch government will pay an all expense trip to France. Next 199 selected reports will recieve a cash award of 100 francs.)(VOFK/Stober)

CAPE VERDE ISLANDS. New frequency of Radio Barlavento, 3930, is noted at 2200. (SCDXers)

CONGO. Brazzaville on new freq of 11930*with sign on at 1900 in French. It is //15370 to sign off at 2055. (Balbi)

LIBERIA. New freqs for VOA Monrovia; 11930 at 2000 in language; 15270 at 2200 with Eng news following ID. This station also heard at 0300 sign on with English news over 7265 //7195//6075//6035, and at 2300 on 7195. (Balbi) Also new freq 9520, sign on at 0630.

NORTH VIETNAM. Hanoi seems to have increased power(?). Hrd at 1530 with English news on 9840//9760. (Balbi) 0800

SOUTH KOREA. Seoul on new freq 6015. Sign on/in language; Has English news at .0830 and back to language 0900-1600. (Balbi)

TOGO. Lome definitely using new 100kw xnter on 5047. Sign on w/French ID at 0530. (Balbi)

INDONESIA. RRI heard daily on 9585 at 0900-1115-1445-2330 with English news. Is NOT heard on 9865 as listed and announced by station! (Balbi)

CONGO. New ID for Brazzaville, on new freq listed above*which replaces former 11725, is " Regional Service of RTF". (Balbi)(ACRC)

AUSTRALIA. Radio Australia DX program is now heard at new time of 1930. (Balbi)

URUGUAY. Radio Airel, Montevideo in Spanish on 6075 from 1500. Heard with news, ads, commentary and music. (Pressa)

ALGERIA. La Voix de l'Algerie, in French on 11835, 1940-1955 with folk music, then news and sign off at 2000. (Pressa)

PAPAU/NEW GUINEA. Stations operating or to operate are VL9BR-Rabaul on 4840, 2340, 3385 VL9CD-Wewak on 3335; VL8BK-Kerema on 3245; VL8BD-Daru 3304; VL9CG-Goroka 2410. (These are all 250watts, but will eventually increase to 10kw) Other stations in operation de Papua are VLT9-9520, VLT/K9-4890 and VLK3-3925. These are 10kw. (Drew)

ALGERIA. Radiodiffusion Television Algerienne has a daily English transmission at 2200-2230 on 11835. (Radio Sweden/DXWW-RNYWW)

NEDERLAND. Radio Nederland will discontinue printing the monthly program bulletins as of January '65. These will be replaced by printed schedules, issued quarterly. (Ekblom)

TANZANIA. This is the new name of the United Republic of Tanganyika and Zanzibar. What once was two countries, each considered good-rare DX, is now one. (B.E.)

NEW ZEALAND. Transmissions from ZL2 and ZL3 formerly heard on 6080//9540 now on 11780 at 0900-1145 and 0600-0845 respectively. (Balbi)

SWITZERLAND. SBC new since Nov. 1st to WCNA 1500-1630 on 15305. Also heard to Mid-East same time on 11865//9665//9535. (Balbi)

TAIWAN. BCC, Voice of Free China to N.A. 0250-0350 on 17890//15345//11725; English on new 7125//9755 at 1530-1610; French on 9755 at 1645. (Balbi)

BONAIRE. TWR heard daily at 0230-0430 on new 6005 with religious programs. (Balbi)

MEXICO. XERR now on 11735 from former 15110. XEHH on 11885 from former 11880. (Balbi)

UNITED ARAB REPUBLIC. Winter sked for English progs; 0630-0700 to Mid-East, No. Africa and Europe on 7075//11915. 2130-2230 to Europe on 9475//11915. 2045-2145 to West Africa on 15210. 1330-1430 to So. East Asia on 17920. 1745-2030 to East and Central Africa on 17920. (Parsons) According to this sked, Radio Cairo has no xnsns directed to N.A.!! QTH for reports is; Radio Cairo, P.O.Box 1186, Cairo, U.A.R. They QSL w/card.

LOGGINGS
+
REPORTS



LOGGINGS
+
REPORTS

(ALL TIMES GMT)

(ALL TIMES GMT)

A TRIBUTE TO A FRIEND/REPORTER

* A number of us, especially we oldtimers, are quite familiar with program *
 * from Radio Australia "DXers Calling". Being so, many of us, oldtimers *
 * and newcomers alike, recognize it as one of the best DX programs on the *
 * air; One respected and quoted by clubs and DXers the world over. Same can *
 * be said of Mr. Graham Hutchins, long connected with this program. Muchly *
 * respected for his work and efforts therein; Greatly esteemed for his good *
 * friendship all ways, not just to individuals, but to entire of our hobby. *
 * Saddened then we are to inform you of his passing. He shall be missed and *
 * although his program will no doubt continue, it will never be the same. I *
 * would mention that perhaps Radio Australia will issue a commemorative QSL *
 * card in his honor; That DXers the world over will continue listening to a *
 * program he gave of his all, and that reports be sent in his memory. This *
 * would be a friends way of showing final thanks for friendship given. *

GIVE ME A FRIEND

* Give me a friend, and I'll worry along. *
 * My vision may vanish, my dream may go wrong; *
 * My wealth I may lose, or my money may spend, *
 * But I'll worry along if you give me a friend. *
 * Give me a friend, and my youth may depart, *
 * But still I'll be young in the house of my heart. *
 * Yes, I'll go on laughing right to the end, *
 * Whatever the years, if you give me a friend. B.E.*

- 0000 9810 Radio Paz y Progreso, in Spanish. Hrd 0030-0200. Announced as being a new station founded by the Artist and Writers Committee of USSR. Is also hrd on 9820. (Pressa)
- 9740 Radio Splending at 0010 with Spanish ID. (Sparks)
- 9755 VTVN, Saigon. English news, then native music. (Sparks)
- 4890 YVKB, Venezuela. Spanish annmts and music. (Neumann)
- 4970 Radio Rhumbas, Venezuela, in Spanish. (Neumann)
- 15095 Radio Peking sign on in Spanish (Stober)
- 4995 Radio Brazil Central with news commentary in Portuguese (Stober)
- 0100 9772 Spanish National Radio in English (Peters)
- 5010 WIBS, Windward Islands w/classical nx at 0105. (Davisson)
- 5075 Radio Sutatenza, Bogota-Colombia at 0130 w/chimes-bells, religious theme, followed be a long/full ID. (Davisson)
- 4980 YVOC, Ecos del Torbes hrd at 0115 with Spanish nx. (Neumann)
- 4995 OAZ4C, Peru hrd w/soccer game in Spanish at 0120. (Neumann)
- 7345 Radio Prague //7120 with N.A. service at 0130 (Stober)
- 9535 SEC, Switzerland at 0115 w/nx-commentary, features to N.A. (Stober)
- 6035 Radio Globo, Brazil with pop music. (Stober)
- 6145 DMQ6 hrd with interval signal and German programming to Central Amer. at 0145. //9605. (Neumann)

cont'd.

0100 6120 Switzerland hrd at latter part of Nov. here around 0130 with English to North America. (I may be in error, but as I recall, this freq is sked to be used for Spanish at this time.) (Fronczak)

11875 Radio Soc. Bahia-ZYN32, in Portuguese. Strong to WCNA. (Stober)

6080 CKFX, Vancouver, B.C., hrd at 0130 with sports interview (Stober)

5985A Vatican Radio sign off in English at 0105. (Hummer)(Weaver)

4920 YVKR, Caracas. w/Spanish talks at 0130. (Neumann)

11740 CE1174 w/Spanish annmts and mx at 0130. (Neumann)

6082 Radio Nac. Peru //9562 in Spanish at 0140. (Neumann)

0200 7170 Noumea, New Caledonia hrd 0230-0300 w/French mx and annmts. (Fleury)

11725 Taiwan sign on w/English news at 0250 //15345//17890 (Balbi)

9525 NHK-Japan sign on/Spanish //11780 (Balbi)

4975 Radio Timbira, Brazil with pop mx at 0250. (Stober)

5030 Radio Continente, Venezuela w/nx in Spanish. (Stober)

4990 Radio Barquismito, Venezuela w/L.A. mx. (Stober)

5010 WIBS, Windward Is. w/English nx. QRM. (Stober)

6005A TWR, Bonaire w/English nx at 0230. Some QRM de CFCX. (Stober)

6025 Voice of the West, Lisbon. English service. QRM'd by VOA. (Stober)

9520 Radio Denmark finally hrd here on this freq (first time). Signs off de English program at 0230. (Stober)

9560 Radio Berlin Int. w/news-sports. QRM'd. (Stober)

9545 DW-Germany with German prog at this time. (Stober)

6130 Radio Norway at 0225 in English. (Stober)

4985 La Cruz del Sur-CP75, Bolivia. With English/VOA programing. (Stober)

6185 Lisbon, Portugal in English w/nx-commentary at 0215. (Hummer)

9630 RAI, Rome in Italian 0215-0225 "I Castelli Romani" (Pressa)

5930 OAX6E-Radio Continental, Peru. 0226-0237 in Spanish with ads/mx. (Pressa)

5838 OAX7K-Radio Puno, Peru. 0243-0256 in Spanish w/Lux Radio Theatre (Pressa)

0300 9752 Pyongyang, North Korea sign on w/English news. QRM'd. (Balbi)

6005 TWR, Bonaire w/religious prog (Eng). (Balbi)

11705 NHK, Japan General Overseas Service w/English nx until 0315. (Balbi)

5960 RAI-Rome to WCNA w/nx and mx. //9570. (Davisson)

5050 Dar es Salaam sign on with chant 0315., then local mx, hymns, pop music, commentaries. (Peters)

3250 Radio South Africa with news in Dutch. (Peters)

7270 Radio South Africa with English nx/commentary 0345. (Peters)

5963 Radio Mundial, Nicaragua. U.S. pop songs/mx. (Peters)

6130A Voice of Spain. 0315 news in English. (Hummer)

6002 Radio Americas in Spanish at 0340. Jammed. (Neumann)

6025 Radio Piratininga, Brazil. 0315-0328 sports prog. (Pressa)

6082 OAX4Z-Radio Nac. Peru. Spanish 0319-0330. (Pressa)

11915 HCJB, Quito. 0340-0400 Childrens prog in English. (Pressa)

9625 Radio Canada, Northern Service. In French. (Stober)

6040 La Voz del Tolina with L.A. mx. (Stober)

9690 Radio Nacional, Argentina-LRA32 with RAE English prog. (Stober)

0400 9670 VOA-Greenville in Spanish 0425-0430. News and "CQ" prog. (Pressa)

3340A Onda Musical in Santo Domingo with Spanish annmts/mx 0430. (Parsons)

3325 Radio Monagas hrd past 0415 w/Spanish nx-ads-mx. 600watts? (Parsons)

4911 Northern Rhodesia (ZAMBIA), Lusaka hrd 0430-0500 with pop music and Eng annmts, time and IDs. (Jensen)

4925 Radio Clube Mozambique, Lorenzo Marques with recorded pop music. OM/YL team annmts in Portuguese. Four note IS. Monitored 0430-0445. (Jensen)

7185* Radio Moscow on new freq*to WCNA with English news. //9540//9735. (Balbi)

9710 LHX2, Argentina in Spanish w/talk re Dr. Ilia. 0420. (Peters)

6030 Radio Internacionale, Guatemala hrd w/anti-communist talks. (Peters)

5960 Elizabethville-Congo with French annmts/Afrikan pop songs-mx. (Peters)

6005 PJB, Bonaire to 0430 w/religious prog then QRT. (Sparks)

3345 Onda Musical, Santo Domingo, Dominican Rep. hrd w/ID es s/o. (Sparks)

4985 La Cruz del Sur, La Pas, Bolivia hrd 0410 w/VOA book review. (Payne)

15345 Taipei, Taiwan w/Amoy prog. //17890. (Drew)

cont'd

- 0400 7195 VOA, Monrovia-Liberia with "Breakfast Show". Slight QRM (Stober)
- 4960 Radio Rhombos-YVLK hrd with Spanish nx es commentary. (Stober)
- 4965 Radio Sante Fe, HJAE, with L.A. music. (Stober)
- 4960 YVQA, Radio Sucre hrd at 0430 w/L.A. music. (Stober)
- 4870 Radio Tropical-YVKP sign off at 0430. (Stober)
- 11825 Radio Tahiti in French with songs/music. (Stober)
- 6115 XEUDS-Universidad de Sonora, Mexico with symphony mx. Strong for 1000watts (perhaps now increased?) (Stober)
- 6085 Radio Nederland with international service in English. (Stober)
- 6015 WRUL sign off from Spanish program. QRM de jammer. (Stober)
- 0500 11735 Teheran, Iran in Arabic/Persian 0530-0550 //15133. (Drew)
- 15150 YDC-Djakarta, Indonesia w/native prog. (Drew)
- 6010 HJFK-La Voz Amiga with ID and sign off. (Sparks)
- 6115 VOA-Tangier with prog to Yugoslavia. (Peters)
- 11710 Radio Australia to Tahiti/Pacific. Sign on 0515 in French. (Balbi)
- 5047 Radio Lome, Togo Republic 0530-0700. ID "Ici Lome, Radiofusion de Togo. Presently is most powerful sig here de W.Africa on 4-5mc band. (Balbi) Also reported by Neumann, Sparks and Stober.)
- 6055 VOA-Greenville w/Yugoslav program. (Stober)
- 9515 XEWW, Mexico in Spanish(Mexican?). QRM'd by cw. (Stober)
- 0600 11905 RAI, Rome sign on in Italian* Vry good sigs. 0650* (Drew)
- 3255 ELBC, Liberia. 0640, English anmts/comm. prog., pop mx. (Sparks)
- 3284 VRH9, Fiji Islands. 0630. Native mx and anmts. cw QRM. (Sparks)(Stober)
- 11780 New Zealand sign on w/BBC nx. //9540. Sign off 0845. (Balbi)
- 9570* Radio Australia new freq*(from 7220) sign on at 0630; 11710 sign on at 0645. Have English news at 0700. (Balbi)
- 11820 Radio Abidjan w/French National Anthem and ID at 0630. (Neumann)
- 3230 Fiji BCC-VRH8. News headlines. English Service. cw QRM. (Stober)
- 9520 VLT9 Port Morsbey, New Guinea w/ABC news. (Stober)
- 9690 RAE-Argentina w/ NewsBulletin in English. (Stober)
- 5047 Radio Lome, Togo Rep. Nx in French. RMY and AR QRM now severe. (Stober)
- 0700 6160 Algiers w/news-commentary, chants, music/singing. All Arabic.0705-0730(Ed)
- 6000 Radio Americas, Swan Island. Sign off in English after Spanish nx.(Stober)
- 15330 Radio Australia with Indonesian nx. (Stober)
- 3220 Experimental broadcasts from Tarawa in English, Thursdays 0730-1030. // 6055. In Gilbertese Sundays, Mon., Tues., Weds., Fridays 0430-0630 on these same frequencies. (SCDXers)
- 9520 Port Morsbey-VLT9 sign off at 0715 w/marshall mx. (Payne)
- 4995 Magadan hrd from 0700-0745 w/prog of Russian folk mx. (Payne)
- 7270 VOA Tangier w/World Press Roundup. 0730 sign off. (Drew)
- 3355 Noumea sign on. Hrd better on //7170. (Sparks)
- 6090 VLI2 with hone service. (Sparks)
- 3995 VQ03 with chimes and sign on at 0730. QRM'd. (Sparks)
- 0800 6170 DHU2-Philippine BCS w/5 minutes of English nx, then pop mx. (Sparks)
- 3230 VRH8 with variety program in English at 0840. (Sparks)
- 9505 Radio Prague new freq to Australia. English. QRM'd by Japan. (Drew)
- 9670 Switzerland to Far East. Hrd 0830-0845. (Drew)
- 9675 Warsaw, Poland at 0830 w/ English to Australia-New Zealand. (Drew)
- 6035 HLK52-Voice of Free Korea w/English nx-commentary 0830-0900. (Payne)
- 6185 Radio Bandeirantes, Brazil w/ID and Portuguese nx.Before VOA signon.(Parsons)
- 0900 4920 VLM4-Brisbane with English nx. (Stober)
- 3995 VQ03-Solomon Islands in English with drama skit. (Stober)
- 7170 Radio Noumea, New Caledonia in French. (Stober)
- 7300* Kuala Lumpur, Malaysia new freq* sign on in language. (Balbi)
- 21520 Switzerland in English to Australia-New Zealand //17820(new freq) (Drew)
- 21570 Hilversum, Holland sign on in Dutch. Good signal. (Drew)
- 1000 5970 HJKA-Colombia in Spanish. AFRS splatter. (Drew)
- 21580 Paris,France w/English nx at 1040 then French 1050. (Drew)
- 21560 RAI Rome with Italian program. (Drew)
- 6075 HJCT-Colombia in Spanish. QRM'd by New Zealand on 6080. (Drew)

cont'd.

- 1000 3335 Radio Wewak, New Guinea. Very weak signals with programming Malenesian pidgin and music 1020-1030. (Jensen)
 11725 Taiwan BCC sign on with English nx 1010. //6095. (Balbi)(Stober)
 4950 Radio Coro, Venezuela sign on 1030 with Anthem. (Peters)
 4960 Radio Sucre, Venezuela with news in Spanish. Same network with Radio Rhumbos and Radio Barcelona. (Peters)
 11860 Voice of Free China has English from 1010-1055. //11725//6095. (Balbi-Stober)
 3995 VQO3-Solomon Islands with English/music-songs. (Stober)
 3925 JOZ-Tokyo in Japanese. (Stober)
- 1100 9725 FEBC-Singapore //7110 with news-commentary until 1115 sign off. (Parsons)
 9640 Ecos del Torbes-San Cristobal, Venezuela w/Sp. news, mx, ads. (Parsons)
 9520 Radio La Cronica, Lima. Peru at 1115 w/Sp. anmts and ID. (Parsons)
 11825 Taipei, Taiwan with Dragon Show. (Drew)
- 1200 11835 4VEH, Haiti with VOA news. (Stober)
 5015 Vladivostok, USSR. with music. ID at 1229. (Stober)
 7120 YDU6-Denpasar, Indonesia. 1240 w/music/singing. cw QRM. (Stober)
 9770 4VEH, Haiti at 1215 with English religious program. (Peters)
 9705 TWR, Bonaire now regular programming. (Davisson)
 15270* RBI-Berlin, Germany on new freq* in German to Africa. (Drew)
- 1300 17825 RBI-Germany with English nx to Africa. Norway QRM same freq. (Drew)
 17825 Radio Norway at 1350 with Eng ID./Vienna melodies. RBI QRM. (Drew)
 9675 Radio Diario d'Mania, Brazil in Portuguese and Bosa Nova mx. (Pressa)
 11672 Radio Pakistan w/English nx at 1345. (Peters)
 11669 Radio Pakistan sign on at 1330 w/English news. (Peters)
 11880 XEHH, Mexico with L.A. tunes. (Stober)
 7180 Radio Baghdad in Arabic/chants at 1330. (Stober)
- 1400 4865 Radio Brunei with BBC World Report/music at 1415. RTTY QRM. (Stober)
 11790 Radio Australia with IS/sign off at 1430. (Stober)
 6140 Tripolis, Lybia with Arabic programming 1400-2200. (SCDXers)
 9622 Benghazi, Lybia with Arabic programming 1400-2200. (SCDXers)
 9820 Radio Peking sign on at 1430 in Chinese. (Neumann)
 4830 Bangkok, Thailand with talk(news?) in Thai 1415 then mx. //6070. (Drew)
 9680A Teheran, Iran with ID and anmt in English re test on 9659(?) (Drew)
 4835 Sarawak with English variety prog. Sometimes BBC mx at 1400. S/off at 1500. (This station formerly broadcast only in native lingo) (Sparks)
- 1500 9755 ETLF sign on in English; French and Malaguese. (Sparks)
 4960* Radio Sabah on new freq*. Sign off at this time. (Sparks)
 11735 Radio Belgrade with Arabic program. (Sparks)
 3955 Blantyre, Malawi with French programming. (Fleury)
 6010* ETLF on new freq* with English to 1600 then Amharic. (Drew)
 9730 Radio Farroupilha, Brazil in Portuguese. Ads.anmts/mx. (Pressa)
 11915 Radio Gaucha, Brazil at 1515 with political talk. (Pressa)
 9505 Radio Record, Brazil in Portuguese with ads/mx. 1530-1540. (Pressa)
 9810 Radio Moscow sign on in English. (Neumann)
 9580 Radio Australia w/English and concert 1550. (Neumann)
 15240 Radio Belgrade at 1530 with mx in English. (Peters)
 7260 TWR, Monte Carlo with religious prog in Rumanian. (Actually TWR is Radio Monte Carlo's foreign service) (Stober)
 15110 XERR, Mexico with Spanish ID/anmts/mx at 1530. (Stober)
 9665 Switzerland with hour of English, including DX prog. (Stober)
- 1600 9009 Kol Zion, Israel with foreign language nx at 1620. (Stober)
 7155 VOA-Okinawa //7175 VOA-Philippines with sign off at 1630. (Stober)
 15155 ELWA with religious program. (Stober)
 7175 VOA-Poro, Philippines with Breakfast Show. (Payne)
 9850 Radio Peking with English nx at 1606. (Neumann)
 9740 Radio Japan with English nx at 1610. (Neumann)
 11925 Radio Bandeirante, Brazil 1610-1625 with sports/ads. (Pressa)
 11910 VOA-Monrovia with Report to Africa. Heavy jamming. (Sparks)
 11835 VOA-Colombo with English program. (Sparks)
 11800 Radio Ceylon with native programming. (Sparks)

cont'd.

- 1600 7300* Kuala Lumpur new freq* with dance music. Sign off 1630. (Sparks)
- 9640 New station of Radio Nacional de Espana in Tenerife, Canary Islands is sked 1400-1600 sign off. (SCDXers)
- 6094 Radio Baghdad with Arabic music at 1625. (ACRC)
- 11805 Radio Finland in English/Dahish w/report de DSWC at 1625. (BDXC)
- 1700 15155 ELWA in French/ID. (Neumann)
- 15195 Radio Ankara //15160 with rock-n-roll music until 1729. Then IS followed by nx in foreign lingo at 1730. (Stober)
- 6955 Radio Peking ID at 1705, then with Arabic prog. (Stober)
- 15350 VOA-Liberia with Arabic to Africa. (Stober)
- 1800 11735 Radio Norway with musical program 1815. (Stober)
- 15190 Radio Brazzaville, Congo with French prog. (Stober)
- 11750 AFRTS-FEN Japan with English news at 1830. (Payne)
- 15255 Voice of Nigeria in English with news summary and anncers choice.(Peters)
- 9600 Radio Australia //11840 w/English mailbag program every Saturday 1830. Both freqs carry good signals. (Neumann)(Balbi) New transmission. (Balbi)
- 1900 11930* Brazzaville, Congo new freq* sign on in French //15370. S/off 2055 (Balbi)
- 9530 Radio Japan with French at 1930 (Stober)
- 2000 11910* VOA-Liberia new freq*. ID/prog in foreign language. (Balbi)
- 15270* VOA-Liberia new freq*. ID/English news. (Balbi)
- 6030 Radio Baghdad, Iraq //6095 with English to Europe. (SCDXers)
- 11935 Emissora Nacional, Lisbon in Portuguese and music. (Pressa)
- 15335 Radio Farroupilha, Brazil with sports prog 2035-2045. (Pressa)
- 9575 Radio Mayrink Veiga, Brazil. 2020-2030 sports/ads. (Pressa)
- 9705 Radio Maua, Brazil 2030-2035 sports/ads. (Pressa)
- 2100 4717 Radio Clube Mindelo heard with uninterrupted light dance mx 2146-2159, then breif ID and Portuguese national anthem, QRT. (Jensen)
- 4855 ENBS-Enugu, Nigeria with popular musical request show 2145-2200.(Jensen)
- 4926 Radio Ecuatorial, Bata, Sp. Guinea 2140-2156 radio drama, then light mx, closing anmts by YL anncer. Signed off at 2208 with Spanish National Anthem playde by military band, but at different tempo than used by Radio Nacional Espana, Madrid. (Jensen)
- 9475 Radio Cairo, UAR with English program and music. 2135.(Glenn)(Hummer)
- 11945 Radio Encarnacion, Paraguay in Spanish 2135-2145. (Pressa)
- 6095 Radio Baghdad with French program. (Peters)
- 5010 Radio Garoua, Cameroons at 2130 with world nx in lingo. Sign off is at 2200 after chant and anthem. (Peters)(Jensen)
- 2200 9645 Lisbon, Portugal in Portuguese. Weak. (Balbi)
- 9650 Conakry in French at 2215. (Balbi)
- 9745 Dahomey with music, French 2230-2300 sign off. (Balbi)
- 15195 NHK-Japan with English news. (Balbi)
- 9475 Radio Cairo at 2230 from English to Arabic. (Balbi)
- 15105 Radio Japan in Japanese at 2205. (Neumann)(Weaver)
- 5960 RAI, Rome with Italian program 2230. (Drew)
- 11760 Radio Canada sign on in English with nx. QRM'd by Indonesian. (Drew)
- 3930 Radio Baravento, Cape Verde Islands hrd with music and Portuguese anmts 2210-2220. Ham QRM. (Jensen)
- 2300 9833 Radio Budapest in Spanish 2335-2355, News/comments/music. (Pressa)
- 9510 BBC-London in English w/Pick of the Pops. (Pressa)
- 11820 XEBR, Mexico being hrd again after long time poor reception. (Neumann)
- 6250 Emissora de Radiofusio Santa Isabel, Sp. Guinea noted with pop records till 2300 sign off. They did not use Spanish National Anthem, but some other hymn(?) instead. (RNYWW-DXWW)
- 9605* Damascus, Syria new freq* can be heard at this time to 0030 in Spanish and Arabic although they only announce 11915, 15165 and 17865. (SCDXers)
- 7650A VOA heard with SSB transmission until approx 2300. (Harmonic?)(SCDXers)
- 5970 HJKA-Radio Horizonte, Bogota w/English DJ prog 2300-0400. (ACRC)
- 6200 4VHW-Port-au-Prince, Haiti again being hrd here 2300-0400. (ACRC)
- 11855 Radio Paranaesne, Brazil 2310 w/pop light music. (BDXC)

UTILITIES

COASTAL STATIONS AND SHIPS-PHONE

- 4072 Towboat Missouri calling W GK-St. Louis 0710 (Mauriello)
4422 WAY-Chicago with Great Lakes Wx Bulletin 0605 (Mauriello)
2738 USS Mission Capistrano calling NY Pilot Boat 0810 (Mauriello)
2406 Trawler New Bedford calling WOU-Boston 0720 (Mauriello)
2390 Tanker Wisconsin calling WOJ-Charleston, S.C. 0805 (Mauriello)
2182 Federal Monarch calling Portland, Maine Coast Guard 0715 (Mauriello)
2182 Tanker Atlantic Trader calling Joe Tates 0740 (Mauriello)
2182 SearchShip Challenger calling Brooklyn-CGAS 0655 (Mauriello)
2142 Tanker Gulf Supreme calling WGD-Norfolk 0700 (Mauriello)
2126 SS Bonanza calling WOX-New York City 0730 (Mauriello)
2716 USS Norris calling Boston NAV 0610 (Mauriello)

FIXED PHONE-CW

- 9915A AIF(Army)Tokyo w/rcvr alignment test 1600 (Neumann)
4790A Dominican Telephone Company with SSB test at 0440 (Stober)
5910A ??? Cable and Wireless testing at 0530 (Bermuda?) (Stober)
4614 Unidentified SSB station testing at 0315. Location? (Jensen)
4576 Gibraltar, MLU, RAF Communications stations calling CQ. 0435 (Jensen) cw
5000 WWV-WVVH-JJY all heard at 0900 (Stober)

THIS MONTHS SHORTWAVE CENTER REPORTERS

- Churlmo Hahn-S.Korea Joan Haaland-Monte Carlo Joe Mauriello-New Jersey
August Balbi-California Fred Parsons-Ontario Ken Weaver-Pennsylvania
Bill Sparks-California Lou Stober-Oregon Don Jensen-Wisconsin
Serge Neumann-California Frank Peters-Illinois Peter Drew-Australia
Gary Payne-California Tim Davisson-Ohio Hector Pressa-Argentina
Leo Fleury-New York Ray Fronczak-Missouri Tom Hunner-Pennsylvania
Peter Glenn-New Jersey James Earl-Virginia Ye Editor-Pennsylvania
ACRC SCDXers RNYWW-DKWW BDKC KYDXA

Again, through the cooperation of the DYplorer Radio Association members Don Jensen and Gerry Dexter, we list some of the stations known/reported to send pennants to listeners who submit reception reports. However, it should be pointed out that some may not currently be issuing such pennants. List is partial, will be continued.

ARGENTINA

- Radio Belgrano, Buenos Aires
RAE, Buenos Aires

BRAZIL

- Radio Bandeirantes, Sao Paulo
Radio Cultura, Sao Paulo

COLOMBIA

- Radio Pacifico, Cali
Radio Horizonte, Bogota

ECUADOR

- Radio Quito, Quito
Radio Nacional, Quito

MONACO

- Radio Monte Carlo, Monte Carlo
Trans World Radio, Monte Carlo

PARAGUAY

- Radio Paraguay, Asuncion
Emisora Paraguay, Asuncion

PERU

- Radio Lorato, Iquitos
Radio Nacional, Lima

SPAIN

- Radio Zaragoza, Zaragoza
Radio Curuna, Curuna

Many tnx to all who help make this months section possible; We hope to hear from you again next time. Until then, a sincere and good DXing holiday to all. 73, Bill

A
NASA
EXCLUSIVE
*

Satellites X Spacecraft

A
NASA
EXCLUSIVE
*

A unique timer to switch off the voice of a satellite when it outlives its usefulness is being incorporated in many satellites being launched today. Unless there is such a device to quiet a satellite's transmitter, the airwaves could become so cluttered with "cross talk" that scientists would be overwhelmed in their efforts to record certain/significant information relayed to earth.

A case in point is the Vanguard satellite launched in 1958 and still broadcasting although there is no scientific interest in data being received from it. It will continue to send messages as long as its solar cells operate to power the xmtr or until/unless particles in space damage it.

It is obvious that this outmoded satellite thus is blocking out a radio frequency when a clear channel could be available.

The limited number of frequencies which have been allocated to satellites by the ITU (International Telecommunications Union) means that when a satellite has outlived its usefulness, it must go off the air. To illustrate the scarcity of available frequencies: From June 1961 to April 1963, four satellites were broadcasting on the same frequency. Fortunately all have since "decayed".

Since Sputnik I, about 250 spacecraft and satellites have been launched and the more than 190 still in orbit are using a major portion of the available radio frequencies. The problem is how to build timers to still the voices of satellites. Transmitting a radio signal to the satellite saying in effect "turn yourself off" is not necessarily ideal for several reasons. For one thing it would require additional equipment, about thirty pounds in some cases, to effect this switching and it would also mean assigning a stand-by frequency for a long period. In addition, a malfunction could damage the receiver so that the switch-off signal would not be received.

To eliminate the undesirable features, engineers of the Bulova Watch Company developed an electronic timepiece mechanism to actuate a switch after a preset period of time. The heart of this timer is an electronic oscillating device which uses a tiny tuning fork vibrating at 360 cycles per second. The oscillation motion is mechanized with a ratchet and pawl arrangement that moves an elapsed-time gear train. The gear wheel, which is smaller than the head of a pin, has 300 precisely machined teeth on its rim. The energy required to toast a slice of bread will keep this device operating for 250 years. The timer has been used on three of the Explorer satellites. It was also used on Telstar I, but was not needed due to transmission failure by radiation. It turned off Tiros VI and in this case there were two timers aboard. The first gave the "alarm" after 12 months of operation and the second switched off the xmtr one month later.

Telstar II was launched with a two-year timer, Tiros VII had one set for a one-year period and Tiros VIII had an 18 month timer. The first Syncom satellite, which failed to achieve orbit, also carried a timer.

This tiny device, no larger than a small radio tube, has acquitted itself well with a complex variety of functions to perform. Its general use will be to permit scientists to use effectively the limited broadcasting facilities set aside for space.

In addition, a monitoring device makes it possible to conduct remote scientific experiments sequentially. (Many thanks for this info goes to Dr. Levitt, Director of The Fels Planetarium of the Franklin Institute.)

The preceding is offered to all NASA members who may be interested in Space Wking. It is especially contained and directed to our fellow-member Nick N. Vrettos, Sgt. USAF.

A regular "Satellites and Spaceships" column is being planned for inclusion in future editions of French. It will not be usual/common, but will deal with communications in line with, pertaining to the hobby of radio monitoring. Research is already underway, but due the scope of subject matter and unfinal//official clearance by a certain U.S. governmental department, progress is being delayed.