

SPEEDX

the dx radio magazine for active shortwave listeners

Keynotes	staff	2
DX Montage	brooks	5
Pirates!	neumann	7
Speedxtras	white	9
SWBC DX		
Western Hemisphere	whitehead	11
Europe-Africa	butterfield	18
Asia-Cceania	johnson	25
Utility Chaser's Corner	mayo	31
Utility QSL Report	handler	35
QSL Section	lobdell	37
Features	staff	44
Speedx Contributors	ellsworth	47

1973

world dx-friendship year

August 1973



Vol. III — No. VIII



KEYNOTES



CONGRATULATIONS TO 8 NEW FULL MEMBERS

JEFFREY HAMBRIGHT
Denville, NJ

CHRISTIAN P. HANSEN
Marblehead, MA

JAMES M. MAHER
Brentwood, NY

DOUG SNYDER
San Jose, CA

KEN W. SWATKOFF
Lethbridge, Alberta

LEO THIBAudeau
Ste. Foy 10, Quebec

JEFFREY WARREN
Framingham, MA

LEO ZELASKO
South Bend, IN

Certificates of Full Membership and a copy of the SPEEDX Constitution were mailed to each of the above, in July.

* A hearty "WELCOME ABOARD" to these new Associate Members. Thanks 4 Joining *

D. BARBER
ALTA., CANADA

HENRY DURANT
APO SF, CA

ALLAN GAEDE
CONCORD, CA

MEL HICKMAN
WALLA WALLA, WA

ROBERT KRAMER
CHICAGO, IL

RALPH LEWIS
NEW ORLEANS, LA

ALBERT MADDER
ONT., CANADA

GUS MILLER
NEWARK, CA

TOM SMITH
ORLANDO, FL

WOODY SMITH
KNOXVILLE, TN

JOHN VOCKEROTH
DARBY, PA

LEE VULGAMOTT
WILLIAMS, IA

We hope you will support SPEEDX by contributing to the various columns, and become full members in short order. Remember, the more you put into something the more you will get out of it! Also, full members save money on many publications that SPEEDX makes available from time to time.

SPEEDXERS PLEASE NOTE

Our Assistant Managing Editor/ Executive Secretary, Oliver Ellsworth, is recovering from surgery and we hope he will be back with us next month. In the meanwhile, we know he would appreciate hearing from you in a letter or card. Lets show him that we too know what DX FRIENDSHIP really means. Lets fill his mailbox with good wishes to help him through the long hours until he can return to the hobby he loves so much. Address mail to either SPEEDX HQs, or, Oliver Ellsworth, c/o Don Johnson, P O Box E, Elsinore, CA 92330. Mail will reach him promptly at both addresses. TKS * *

DON JOHNSON

My thanks to the mis-guided souls who nominated me to a position on the BOD. A brief SW intro: At 39 I'm single (by choice), retired (not by choice), a SPEEDXer for 1½ yrs, am 99% SW (1% BCB), and support all phases of shortwave as best I can. Positions now held are: A/O Editor, HAP Chaplain, SPEEDX Welcome Wagon Chairman, and I also repair and store SW gear donated to HAP for later placement. If elected to the BOD (the guiding hand of SPEEDX), I will strive to continue the orderly growth that has made our club one of the leaders in America in two short years. I will support reasonable changes for the betterment of the club along with a leaning towards more novice orientated material to help and encourage the newcomers to our hobby. An open mind and a great love for shortwave is what I have to offer. I seek your vote, natchery, but hope you will consider ALL the candidates statements in July & August issues, and make up your own minds. I urge you to take the small amount of time necessary to cast your vote. SUPPORT SPEEDX. VOTE * *

JIM WHITEHEAD for Board of Directors - It has a nice ring. Thanks to all of you who nominated me. In soliciting your vote it is only fair that you be aware of my thoughts on the future course SPEEDX should follow. To this end I have listed a few below. I hope you'll read them carefully and, if you like what you see, will give me your vote.

--- SPEEDX has been successful in stimulating membership participation but cannot rest on its laurels. We must develop a comprehensive program of competitions, committees, idea exchange columns, and a DX data bank to stimulate further participation as well as develop a strong new member recruitment campaign to broaden our base.

--- Outsiders have stressed for years the need for a DXer's voice both to promote the hobby and to prod manufacturers and stations into producing the product DXers want. SPEEDX should take the lead in this area by initiating critical reviews of programming and equipment and developing promotional material for the media.

--- One of the key stumbling blocks to the growth of our hobby has been the lack of interclub cooperation. The ANARC has failed to provide the required catalyst and SPEEDX can take the lead by unselfishly cooperating with other clubs on projects benefiting the hobby as a whole and sponsoring new member competitions among clubs, column swaps, an international challenge competition and the like.

STEVEN P. D'ADOLF - A Board of Directors is a group that makes policy decisions for the operation of an organization based on their knowledge of the desires of the membership. As a BOD member I would try to make it as easy as possible for you to get your ideas aired. There is a general trend to get local DXers together for informal meetings and many new and interesting ideas have had their start at these get-togethers. I would like to see SPEEDX encourage these meetings by acting as a "matchmaker" for people looking for local DXers/SWLs in their area whether they are SPEEDX members or not.

There will be priorities set up for the things that need to be done and I hope that you will agree with me that near the top of the list, if not at the top, should be the organization of a features section for SPEEDX. I think that it can be organized so that there is not too much pressure on one person which has been the problem in the past.

NO MATTER WHO YOU VOTE FOR, SHOW YOUR INTEREST IN SPEEDX BY RETURNING YOUR BALLOT WITH YOUR SELECTIONS.

RICHARD T. PISTEK - I consider it an honor to be nominated as a candidate for the SPEEDX Board of Directors. I have been in the DXing hobby over 10 years and have been a member and supporter of SPEEDX since its founding in 1971. I have watched the club grow and prosper into one of the finest SW clubs in North America, with new ideas and innovations such as the Handicapped Aid Program, the mid-month "SPEEDX-GRAM," etc., as well as being the first SW club to use the offset printing process. Our regular columns under their fine editorships have greatly increased in size and content. I am particularly pleased at our "Utility Chaser's Corner" column and the accompanying "Utility QSI Report," as these are very popular in DXing today, and an area where most other clubs do not cover adequately. I have been a regular contributor to these and other SPEEDX columns such as the SWPC columns and QSI Reports, as I am interested in all types of SW DXing activity. SPEEDX has indeed come a long way since its founding, and I feel that there is a lot more to come. If I am elected, I pledge to do the best I can to push SPEEDX to the "#1 Club in North America", and I will be receptive to your ideas and suggestions for improvements and expansion of our bulletin. I am kindly soliciting your vote for me at this time. Thank You.

NEW MEMBER PACKETS including a 4 page "Abbreviations List" is still available to new SPEEDXers who have not received one yet. Even those who have been with us for awhile should find this a useful item to have. A business size SASE to SPEEDX HQs will put one in your mailbox in short order.

Financial report for the period 1 July 1972 to 30 June 1973 inclusive. SPEEDX General Account only. Handicapped Aid Program and SPEEDXTRAS are on separate accounts.

BALANCE ON HAND	1 July 1972	- - - - -	\$	780.19
RECEIPTS:	Donations	. . . . .		17.00
	New Member's Dues	. . . . .		1,985.50
	Renewals	. . . . .		1,580.00
	Supply Sales (Report forms, booklets, etc.)	. . . . .		5.60
	Sample Bulletins and back issues sold	. . . . .		265.50
	Rubber Stamp Sales and 1973 WRTVH sales loan repayment (from HAP)		415.38
TOTAL RECEIPTS:		- - - - -	\$	5,049.17

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DISBURSEMENTS:	Printing of SPEEDX (12 issues)	\$	1,588.72
	Printing of SPEEDX-GRAM; Information Packets; New Member Packets, Report Forms; and other misc. printing		250.49
	Postage:(regular mailing of bulletin)	. . . . .		715.00
	Postage:(SPEEDX-GRAM; Samples; Info; Secretarial; and Administrative)	. . . . .		355.45
	Addressing service (labels) and misc. mailing supplies (envelopes, etc.)	. . . . .		196.20
	Equipment purchased	. . . . .		25.92
	Miscellaneous supplies	. . . . .		102.50
	Secretary's supplies	. . . . .		79.94
	Purchase of 1973 WRTVH copies for sale	. . . . .		165.00
	Loan (re-paid) to HAP for rubber stamps		162.50
TOTAL DISBURSEMENTS-		- - - - -	\$	3,641.72 (3,641.72)

BALANCE ON HAND	1 July 1973	- - - - -	\$	1,407.45
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I certify that this summary of SPEEDX' General account for the period 7/1/72 to 6/30/73 is correct and accurate to the best of my knowledge.

David W. Thorne

 DAVID W. THORNE
 Business Manager and Treasurer of SPEEDX



DX MONTAGE

SEARCH/COMPILATION/PRODUCTION by A. W. BRUCKS

24 Massachusetts Road

Akdale, Connecticut 06220



MY WIFE DOESN'T UNDERSTAND ME! (or "What Is VNC And Why Is It Saying Those Horrible Things About Me?"): "Beep...beep...beep...beep..." said the broadcaster on 7500 KHz. My spouse suddenly sat bolt upright in bed...thus unceremoniously awakened from her nocturnal lethargy...took unhappy stock of the situation...and settled back between the sheets...with the pillow now rearranged to a new position OVER her head. Actually, this should not be construed as a totally unusual reaction. At our former residence my radio equipment gradually had been relegated to a corner of our bedroom due to the annual baby boom...and, after all, it was only 5:25 in the morning. To further complicate matters I had no suitable patch cord and did wish to tape the identification announcement...which, incidentally, is given only at intervals of 15 minutes. Much to the chagrin of both of us, I missed the 0530 reading with the result that

we were "treated" to another quarter hour of time pips....The disappointment of my temporary technical failure was alleviated greatly a few weeks later by the arrival of the Australian time station's attractive QSL card...but, perhaps because it triggered memories of that fateful morning, my wife failed to react with any emotion that might remotely resemble shared enthusiasm. Why should I want to know what time it is in Melbourne, anyway?...

ACORNS FROM OAKDALE: Not so long ago girls dressed like Mother Hubbard...but today their attire more closely resembles her cupboard...



B.A.D. ADDENDUM: Not to be outdone by the recent automotive failures of the L.A.D.s, a group of B.A.D. Guys suffered a vehicular breakdown enroute from the June gathering. Names are being withheld pending rescue...

YOU'RE NOT LIKELY TO HEAR IT ON RADIO CAIRO, BUT... in the Egyptian Arab Republic, a low wolf whistle can bring the power of the law on sidewalk playboys and women chasers. A Cairo-published census reveals arrests on such acts, as well as the uttering of indecent phrases, are made at the rate of 100 a day. Last year 12,000 sidewalk women chasers were condemned to prison sentences ranging from one week to two years and fined from \$46 to \$230, depending on the gravity of the offense. Others had their heads shaven clean in public, or were conscripted, or sent to labor camps. Let's "face" it, men...This isn't just another "veiled" threat...



ATTENTION, SOUTHERN CALIFORNIA SWLs & DXERS: A series of DXpeditions is planned for this summer. The site, the Beverage Wave antenna farm near 29 Palms, presently contains four Beverages....an inverter for 110V power and storage batteries are available as well as quality receiving gear. Anyone interested in an overnight DXpedition this summer write.. Don Erickson...6059 Essex Street..Riverside, California 92504...for more details...



FRIENDSHIP DIPLOMAS: Woody Smith volunteers the information that in celebration of DX Friendship Year diplomas for DXers who have verified 25, 50, or 75 countries are being awarded by the Universal DX Club of India. For particulars write the Executive Secretary of the club at P.O. Box 32 in Bangarapet, 563114, India...



I SHOT AN ARROW INTO THE AIR...IT FELL TO EARTH I KNOW NOT WH...OUCH! Lovable Woodrow W. Seymour, Jr., a relatively non-descript SPEEDXer who occasionally moonlights as a columnist for another club bulletin, has become a prime candidate for the annual "Shortwave Cupid" award. Just in case you too have difficulty picturing this future Carolina shyster as a cherubic archer I will attempt to relate the nature of his complicity. The sister of Holland SPEEDXer John van der Kaa and ASWLC member Bill Stevens of Alaska were recently married...now there's a "mixed" marriage! They met through Woody's ASWLC "Americas PoTpouRRI" column last fall, began writing, and this past April became engaged. On June 1st they were married in the chapel of KJNP, North Pole, Alaska; their motto is "Met By Radio...Married By Radio". Guess that's really taking "World DX Friendship Year" seriously...

OBLIVIOUS TO CONSEQUENCE....."DX MONTAGE" MARCHES ON.....WITH

SON OF

DX MONTAGE

.....IF YOU MUST BLAME SOMEONE FOR THIS CONTINUATION, TAKE IT AWAY W. F. RUCK!



MACINTYRE VS. THE F.C.C. FROM RINGSIDE:

A recent New York Times item forwarded by Ron Lanoue augurs well for any "off-shore pirate" fans. To protest the Federal Communications Commission's equal time rules prohibiting undue slanting of news, editorials, etc., on U.S. stations, the Rev. Carl MacIntyre...often heard over the facilities of WINB.... has announced plans for a "Radio Free America" to be built on a ship outside the three-mile limit in order to be able to say what he wishes on the airwaves. Perhaps ironically, the position of this right-wing zealot is supported by a recent Brookings Institute paper calling for deregulation of the broadcast industry...with the FCC limited to technical matters, e.g., frequency allocation...

However, the House of Representatives is considering several bills that call for a study of radio frequency allocation...at least two of which would abolish the FCC, according to an Electronic Design article sent along by Steve d'Adolf... Meanwhile, direct from WNYW headquarters... via Steve Gelfand...comes the news that the sale of WNYW to Good Family Stations, Inc., will not take place at least until the new rules governing U.S. shortwave stations go into effect. The new rules will cover time allotments, power, and frequencies...so the Good Family organization, a religious group, is waiting to see how the new rules affect the WNYW operation. The group is currently buying time on the station for transmission of their programs...otherwise the programming of WNYW remains unaffected...

THE MOSCOW SCHOOL OF SHORTWAVE PROPAGATION: Today's guest lecturer was Professor Philip P. Schnabel, an east coast consultant to "DX Montage" on matters of ionization irony...a general summary of his remarks follows.

"...How does Radio Moscow beam such a consistently booming voice to its North American target areas? Why are their signal levels more stable than those of other large international broadcasters?..."

"...Muscovite technicians have gained this distinctive mark thru keeping the radiation angle of their antennae in close track with the varying optimum radiation angle. Fluctuation of this optimum angle results from ionospheric instability. Radio Moscow technicians constantly sound the ionosphere to determine this angle. Then at brief intervals station operators shift the radiation angle of their vertical antennae in keeping with the determined optimum angle..."

"...While Radio Moscow adjusts its angle of radiation as much or as little as needed to follow ionospheric vagaries to provide best reception for North American target areas, other broadcasters who have not developed this system are subject to the wrath of the ionosphere..."

"...The moral - do unto your angle of radiation as you would have the ionosphere do unto you..."



SHORTWAVE GRAFFITI:

PORTUGUESE TIMOR
IS A DILI



UTILITY PUBLICATIONS AVAILABLE AS AID:

Maryland ute DXpert Bob French forwards a list of publications of potential assistance to DXers interested in LW beacons and USAF HF global stations. These publications are compiled by the Air Force, distributed by the National Ocean Survey, and are entitled "Flight Information Publications Enroute Supplements". These guides are designed for five general international areas and contain a good list of foreign beacons...including alphabetical by ident...both LW and VHF...plus a companion list of USAF global HF aero network stations. Three of these reference sources...specifically those covering the Caribbean and South America, Pacific and Southeast Asia, and Australasian and Antarctic areas....appear every 56 days at yearly rates ranging from \$5.75 to \$30.25 while the monthly supplements for Europe/North Africa and the bi-monthly Africa/Southwest Asia listing are available at annual subscriptions of \$13.25 and \$4.00 respectively. Address inquiries on this subject to National Ocean Survey, Distribution Division, C-44, Washington, D.C. 20235...

THE FOIBLES AND FOLLIES OF TOP SECRET DX:

SPEEDX ute staffer Steve Handler recently received a reject notice on his FFC verie request to an Air Force base because they were a classified tactical facility with a classified location. Yet the return address was prominently displayed on the rejection!

THERE GOES MY LAST CHANCE TO VERIFY FLIPPER:

According to the Wall Street Journal, a new federal regulation bars commercial fishermen from putting radio transmitters on the backs of porpoises to help them in locating any nearby schools of tuna...



PIRATES! ...WALKING THE PLANK

BY SERGE C.P. NEUMANN (NETHERLANDS)

Like the roar of a cannon at the historic Dutch fortress at Naarden, the Dutch government has effectively sunk the commercial pirate broadcasting business in Europe. The target of the recent government action: pirates Radio North Sea International, Radio Veronica, and Radio Caroline International.

For a couple of years, only England and Holland stood alone as countries that did not sign the Strasbourg Agreement, probably because certain pirate broadcasters showed themselves to be surprisingly popular. Only in recent times had the British government gone along with the Strasbourg Agreement. Holland remained along as non-signatory of the Agreement, thus the flourishing of Dutch-financed pirate broadcasting. But now that the Dutch government intends to conform with the rest of Europe, Dutch supported pirate broadcasters have lost their wooden shoes.

It was Thursday, June 26th. The Dutch "second chamber" had on its agenda the voting on the matter of legalization or abolition of these unauthorized broadcasters. That afternoon, by a vote of 95 to 35, the house voted to adopt the Strasbourg Agreement, and also reaffirmed by means of another vote, that

binn 92

tweede kamer

Lot zendschepen bezegeld

den haag 28/6 (anp) -- de tweede kamer heeft donderdagmiddag
het lot van de zendschepen veronica, noorzee en caroline
bezegeld: het verdrag van straitsburg tegen deze

+piraten-omroepen+ werd aanvaard met 95 stemmen voor en 37
stemmen tegen.

de uitvoeringsbesluiten, die uit dit verdrag voortvloeien
en een wijziging van de telegraaf- en telefoonwet noodzakelijk
maken, werd aangenomen met 94 stemmen voor en 39 stemmen
tegen.

het +straatsburg-
goedkeuring

all transmitting must be under the direction of
the Dutch telephone and telegraph agency. Another motion
was defeated, one that had it be adopted would have called for
creating a fourth network (Hilversum 4) by changing commercial
operating Radio Veronica into a non-commercial Hilversum 4.

AP NEWSWIRE
RELEASE OF THURSDAY
26 JUNE

The move by the house brought one step closer the end of this type of commercial broadcasting. The laws as adopted by the chamber call for punishment of any individual supporting these stations, that is, even the sale of food or gasoline would be against the law. Commercial advertisers would be severely fined or jailed for buying advertising time on these stations.

A considerable amount of campaigning took place prior to the vote by the chamber. Slogans (in Dutch, of course) such as "Veronica stays" and "Sock it to 'em" adorned cars, saturated the airwaves, and were occasionally even to be seen in the air itself - trailing sign-toting prop airplanes. There's even a song about Radio Veronica sung by one of Holland's top male singers that's mixed in with the rest of the usual Top 40 sound.

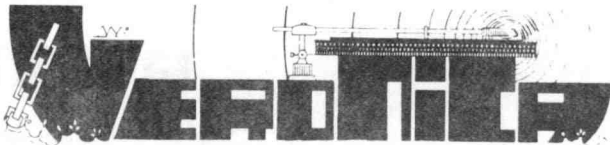
The impact of the Dutch government vote was immediate. Radio Caroline International, which had been on sporadically the three weeks preceding the vote, went off the air the same day. It was the only full-time English speaking commercial pirate that relied heavily on Dutch advertisers aiming for the British market. Radio Caroline is presently not on the air, and will not likely return, despite occasional rumors to the contrary.

PIRATES WALKING THE PLANK:

Likewise, the retort by Radio Veronica and North Sea were immediate. Contingency plans

surely must have been drawn up some time prior to the voting itself. As it turned out, some of those members of the "tweede kamer" who strongly supported the creation of Hilversum 4

(which Radio Veronica would have been), are members of the Veronica Omroep Stichting (Veronica Broadcasting Company). It was only about two hours after the vote, that Radio Veronica was announcing the creation of VOS, and that listeners were invited to send 5 Dutch Guilders each to the support of the VOS. A plan that some of our readers may acquaint with the financial donation and support by listeners of the various stations of the Pacifica Foundation, i.e. KPFK Los Angeles, WBAI New York. At last report, the VOS has received more than 500-thousand Dutch Guilders in donations from over 100-thousand listeners, and that they would remain on the air for at least a year, without commercials, and as long as listener financial contributions made their operation possible. Radio North Sea International, meanwhile, has fostered a similar plan, but with, apparently, considerably less of a success than the VOS.



HELLO THERE I AM
JACKY NORDSEE
THANKS FOR
DROPPING ME A LINE



(RNI promo card)

Radio Veronica, at least on the surface, is conducting business "as usual". Veronica's DJ'S continue to plug a special airplane trip to New York for Veronica fans who will see an exclusive in-flight movie, visit New York rocker WABC ("meet with the DJ's" says the ad), and see the studio walls of other New York City radio stations.

The future of Radio North Sea International is in doubt. On May 27th, the World Service closed down. Now the 6210 kiloHertz frequency relays the MW program.

Adding to the doubtful future of RNI, are rumors that the Mi Amigo will be moved to a new anchorage off the coast of Japan. The newest of the pirates, Radio

Atlantis, which is to program for listeners in Belgium via Dutch financing on medium wave, will surely not find the going easy. In fact, it may most likely not be going anywhere. With the latest action by the Dutch government, R. Atlantis' future as a viable commercial operation is in serious jeopardy.

The future of this form of commercial broadcasting can not be predicted. Only the present facts can be summarized - the Dutch government will sign the Strasbourg Agreement; Radio Veronica will continue to operate as a non-commercial, publicly funded pirate broadcaster; Radio North Sea International will most likely move to Japan or close down altogether; Radio Caroline will not likely return to the air; and Radio Atlantis may have been sunk before it got out of drydock.

Meanwhile, Europe's longest established rocker, Radio Luxembourg, sprouting considerable American DJ influence (RL calls itself the "Rock of Europe," somewhat like WLS' "The Rock of Chicago"), as their slogan puts it, "keeps on truckin'."

SPEEDXTRAS

THE PROJECTS DIVISION of SPEEDX

Projects Coordinator — Jack White • 780 NW Wallula Ave • Gresham Oregon • 97030

S P E E D X S E L E C T A W A R D S

Following our discussions of June and July, we are inaugurating a "Select Awards Program". If the trial balloon indicated below brings favorable response, the program will be continued, expanded to include many facets of SWLing, and offered on a regular basis. The main purpose of "Select Awards" will be to provide a number of varied short term competitions (or "contests", if you will), covering as many fields of interest as possible, and of a type in which the participants can have a little fun into the bargain. So here we go:

"THE FIRST (and hopefully not last) ANNUAL SPEEDX QSL SIZE AWARDS"

(Anyone receiving even one QSL during 1972 could walk off with an award in this little tournament...and probably will - HI)

A Distinctive and Properly Noted SPEEDX "Select Award" Certificate Will Be Issued to The Person Claiming One of the Following:

1. "LARGEST QSL RECEIVED FOR A 1972 LOGGING". This may be a card, letter, folder, pennant, or whatever with the full surface area computed from the maximum overall dimensions of the paper, cardboard, cloth, plastic, or other material upon which the verification is imposed being used to determine the "largest".
2. "LARGEST QSL CARD RECEIVED FOR A 1972 LOGGING". Same definition as in (1) above, except that the verification must be in the form of a postal card sent through the mail without folding. Additionally, postage (either metered or stamps) must be applied somewhere on the card. (In other words, it must have been mailed as a postal card).
3. "SMALLEST QSL RECEIVED FOR A 1972 LOGGING". Same as (1) above except that maximum overall dimensions will determine the "smallest" in terms of least surface area.

General Rules

- A. All of the above awards are open to only SPEEDX members or subscribers.
- B. Participants may enter in any or all of the above three categories.
- C. The QSL must contain some minimal statement (in any language) confirming reception sometime between 0000 GMT on 1 January 1972 and 2400 GMT on 31 December 1972.
- D. The verification must have originated with the station. Forms prepared by the SWL himself (PFCs, etc) are not eligible.
- E. The verifying station may be a broadcast outlet, utility, or whatever operating on a frequency between 1.6 and 30.0 megahertz.
- F. To be considered for an award, entries must be postmarked on or before 31 August 1973.
- G. To enter, simply specify the category ("largest", "Smallest", etc), the name of the station, date of verification, description of the QSL, and as accurate measurements of its overall dimensions as possible (centimeters are suggested but not required). Send your entry to SPEEDXTRAS at the above address before the deadline. Since these entries will be processed separately, do not include them with other SPEEDXTRA mail.
- H. Do not send the actual QSL!!! Apparent award winners will be contacted immediately following the deadline should validation be required.
- I. Awards will be announced in the October 1973 SPEEDX magazine with duplicate awards presented in the event of a tie.

There it is: The "pilot" for a possible series of similiar off-beat citations which can be offered rather regularly. We've arranged to have some attractive certificates prepared which we're certain will find a prominent spot on the winners' walls, and the rest is up to you.

This is not a substitute for a "countries verified" awards program...work in that area is continuing. The "Select Awards" are intended to provide something to fill those months of hanging in there between one "total countries" plateau and the next. If you can't pick up a certificate on this one, there'll be another—perhaps more your bag—coming along right behind it. Grab a ruler and see how you made out (a trial-run on a couple of local DXers indicates a surprise or two may be in store).

HAPpenings

NEWS ABOUT THE SPEEDX HANDICAPPED AID PROGRAM



HAP Chairman — Gene Moser • 6805 Woodland Ct • Coloma MI 49038

As most of you have, I recently returned from a 15 day vacation. We spent a wonderful time in Missouri, Arkansas, and Oologah Oklahoma. My mother's family are in Oklahoma and one of her sisters lives in Oologah... Birthplace of humorist Will Rogers. So, with (hopefully) the cobwebs removed from ye editor's head, I'll get down to business—HI.

160 VA hospitals have been contacted, and to date 27 have expressed interest of various degrees in our project. HAP-17 was assigned to a hospital in Pennsylvania. NOTE: If you are an officer in a sister club and would like to send a membership to this hospital, the OTH is: Andrew Skero, Chief Manual Arts Therapy, VA Hospital, Leach Farm Road, Pittsburg PA 15206.

HAP-16 Has gone to Robert Harris of Cronulla Australia!! We now have HAPees in the US, Canada, England, Australia, Singapore, India, and Scotland!! We do get around!! HAP works!! Will we reach 30 HAPees in '73?? I think so!!

Thanks to Radio Nederland for publicizing our HAP jacket patch on their June 14 "DX Juice Box". Also to Radio Canada for telling their listeners of our handicapped project on the June 24th RGSWC broadcast. If you heard a broadcast for HAP in June or July not mentioned here, will you please let me know?? Thank you.

For 19 months I have answered your mail without requesting a SASE. My workload is very heavy, with a correspondence of 70 or more letters a month alone. So, will you please enclose a SASE (US SWLs only) beginning September 1? This will help cut postage costs greatly, and leave more funds available to help present and future HAREes. TNX.

In the

S P O T L I G H T

No. 3

HAP Vice-Chairman, R. G. "Bill" Paschke WDX9JVO-WCM9RP. Bill is one of the backbones of HAP, and it is time you learned more about him. Bill is 45 years old and a disabled veteran. He began DXing in 1968 "just to have a pastime", as he puts it. "During this time I cared nothing about logging or sending reception reports... I just liked to listen. I sent in for my WFE call and got my registration of WPE9JVO". Bill settled down to listening and reporting after that. He borrowed a Heathkit GR-91 from a friend and later purchased a DX150A which was stolen and smashed in March of 1972. This put him off the air until September 1972, when a member of Golden Gate News gave him a Lafayette HA700. On September 30, various clubs pitched in and sent him an SX190. No hint of who it came from could be found. A gift he is very grateful for. Today, he belongs to SPEEDX, ASWLC, NASWA, SN, Lunar Club, Check-Mates (name changed from Czech-Mates), GGN/GGQSLB, RAIBC of England, RGSWC, RALC, R Japan Club (and monitor), RPDXC, RBSWC, R Praha Monitor Klub, etc. Bill edits SWL/ham RSWP, RSWP-YAK for SN. He serves as HAP Rep for SN, Lunar (AM-SSB) Club, GGN/GGQSLB, Check-Mates, and SWL Guide. He is an active card swapper and would appreciate your card.

Early this year he accepted the Vice-Chairmanship of HAP. I have found this gentleman's help invaluable over the months, as he carries his duties out to complete satisfaction. It is a pleasure to call him "friend".

On top of all his "Irons in the fire", he has become chairman of our new (and first in the hobby) translation committee. I urge all of you to avail yourself of this service. All clubs may participate. The committee will translate French, German, Russian, Spanish. If you have a QSL, copy the wording carefully, or send the piece to be translated to: TC Chairman, Bill Paschke, 855 Elm St, Beloit WI 53511. Allow 3 to 4 weeks for your translated matter to reach you. All items safely returned. The fees are: 25¢ for a QSL or postcard, 35¢ for a 1 page letter, 50¢ for a 2 page letter, with 25¢ each charged for 3 or more pages. Only mint US or Canadian postage stamps will be accepted in payment. Please keep this fee schedule. By page we mean 1 sheet of paper written on 1 side, etc.

Do you have a skill in Portuguese, Dutch, Czech, Italian, or other language? WE NEED YOU!! Bill has 4 committee members: John Fischer, Felix Marty, Ron Lanoue, and Jackie Masek. If you want to serve HAP, and be of real help, let Bill know pronto. You need not be a SPEEDX member to serve this committee, but if you are, there are 2 credit points per month in it for you.

HAP was all over the place this summer! First we were represented at the EDXC and IA-Alliansen conventions by Serge Neumann. EDXC discussed establishing a European HAP and are presently searching for a handicapped chairman. I'm proud to say they are patterning their HAP after ours. We sent 100 fliers to Hammond Indiana for the IRCA convention, and 100 to John Kolb who was representing us at ANARC. The next step was by Harold Sellers with 100 flyers for the CIDXC convention. My thanks to Serge, John, and Harold!! You helped to spread our story directly to SWLs on a personal level. Our project can only benefit from your efforts.

HAP patches for sale at \$1.00 each from this editor or Wes Ogden, PO Box 283, Bell CA 90201. A small SASE appreciated. These patches are a main income source... Without your purchase, HAP may have to say "No" to someone...Soon!! Thank you.

SWBC DX - Western Hemisphere

- EDITOR -

E.J. "Jim" Whitehead
177 Pine Ridge Road
Reading, Mass. 01867



- REFRÁN -

"Mañana será otra día"

RADIO AGRICULTURA CLOSED AGAIN

A Santiago appeals court recently ordered the government of Salvador Allende to lift an order closing Radio Agricultura after the opposition radio was ordered closed for broadcasting "false and alarmist" news about disturbances involving the miners striking the giant "El Teniente" copper mine. In deciding in favor of Radio Agricultura the court, in an unprecedented move, ordered the arrest of senior cabinet minister Anibel Palma for "prevarication and contempt of court" in not lifting the order while the case was waiting for trial. All was settled, however, when President Allende himself lifted the order and the radio resumed broadcasting.

PRESIDENTIAL SWEEPSTAKES

How well have you kept up with the rapidly changing Latin American scene? Test your knowledge with this little quiz. Its simple, just match the head of government in Column B to the country in Column A. You may check your answers below.

COLUMN A

1. Argentina
2. Chile
3. Bolivia
4. Brazil
5. Uruguay
6. Paraguay
7. Ecuador
8. Peru
9. Colombia
10. Venezuela
11. Guyana
12. French Guiana
13. Surinam
14. Panama
15. Costa Rica
16. Nicaragua
17. Honduras
18. British Honduras
19. Guatemala
20. El Salvador
21. Mexico
22. Cuba
23. Haiti
24. Dominican Republic

COLUMN B

- A. Misael PASTRANA Borrero
- B. Joaquin BALAGUER
- C. Jean MONFRAIX
- D. Gen. Omar TORRIJOS
- E. Fidel CASTRO
- F. Col. Hugo BANZER
- G. Emilio Garrastazu MEDICI
- H. Salvador ALLENDE Gossens
- I. George Cadel PRICE
- J. Carlos ARANA Osorio
- K. Luis ECHEVERRIA Alvarez
- L. Jean-Claude DUVALIER
- M. Arturo Armando MOLINA
- N. Gen. Anastasio SOMOZA
- O. Juan M. BORDABERRY
- P. Gen. Alfredo STROESSNER
- Q. Gen. Guillermo Rodriguez LARA
- R. Juan VELASCO ALVARADO
- S. Dr. Rafael CALDERA
- T. Forbes BURNHAM
- U. J. SEDNEY
- V. Jose FIGUERES Ferrer
- W. Gen. Oswaldo Lopez ARELLANO
- X. Raul LASTIRI

1-X, 2-H, 3-F, 4-C, 5-O, 6-P, 7-Q, 8-R, 9-A, 10-S, 11-T, 12-C, 13-U, 14-D, 15-V, 16-N, 17-W, 18-I, 19-J, 20-M, 21-K, 22-E, 23-L, 24-B. HOW did you do? If you got 20 or more correct you are right on top of things. If you didn't...well, you learned something anyway. Better luck next time.

ANSWERS TO PRESIDENTIAL SWEEPSTAKES:

WHITEHEAD TO HOST BAD GUYS

Yes folks, despite the fact that the place was wrecked last time when Alan Brooks and Chris Lobdell fought for the last meatball, your ole editor opens his shack SUNDAY 9 SEPTEMBER for another BAD Guys shindig. I'll be showing off my shiny new SX-190 and the gang, brag-garts that they are, will no doubt have lots of goodies on display. Festivities begin at 1:00 PM and last until the last jaw wears out so, if you live in the Boston area why not plan to attend. Drop me a line or call (944-5778) and I will provide the particulars on getting here.

BAND SURVEY AVAILABLE

Serge Neumann advises the Danish Shortwave Club International is offering a band survey of some 44 pages in length covering 120, 90, 75, and 60 meter bands. Described by Serge as "like a Summer Supplement", this survey is available for 3 IRCs if surface mail is desired or 5 IRCs for air mail. You may obtain this document by writing the DSWCI at the following address

DSWCI
DK-8382 Hinnerup
Denmark

ITS SUMMERTIME

Well, it is obvious that summer is in full swing. The number of reports per reporter has taken its usual summer dip as vacations and hot weather take their toll. Nonetheless, there are still a few interesting loggings to report and I had best be at it. By the way, did you get last month's refrain?? Loosely translated it read "Between what is said and what is done is a great gap." This month's is easy. Did you get it?

Well, on to the loggings. Remember that all times are GMT and that reception quality is reported in the SIO code as follows:

Rating	S SIGNAL STRENGTH	I INTER- FERENCE	O OVERALL RATING
5	Very Strong	None	Very Good
4	Strong	Slight	Good
3	Fair	Moderate	Fair
2	Weak	Severe	Poor
1	Very Weak	Extreme	Unusable



R.A.E.

ARGENTINA

- 5985 0154 LRS2 R. Splendid:Sp.w/ID,tlk
(432,7/8;Swatkoff-ALTA)
(322,0115,6/24;
Snyder-CA)
- 6060 0445 LRA31 R. Nacional: radiodifusión argentina al exterior
Sp.w/nx, pop mx,
final ID and
0500 s/off (334,6/19;Sparks-CA)
- 6120 0430 LRX1 R. El Mundo:Sp.w/pop music, ID (333,6/14;Sparks-CA)
- 9690 0630 LRA32 Radiodifusión Argentina al Exterior:Eng.w/music,talk
(332,6/13;Warren-CA)(--4,0350,6/30;Mayer-IL)
- 15345 1804 LRA33 Radiodifusión Argentina al Exterior:Sp.w/"Album
Filatelico", a pgm for stamp collectors (243,6/23;Green-TX)

BOLIVIA

- 4875 0258 CP75 La Cruz del Sur:Sp.w/pgm close, ID, nx, s/off @ 0305 w/
anthem (433,6/22;Schnabel-NY)

BRAZIL

- 3265 2250 ZYR62 R. Ribeirão Preto:Port.w/TENTATIVE logging of talk
through considerable RTTY QRM (--3,7/9;Neumann-NETHERLANDS)
- 3375 0230 ZYK28 R. Olinda Pernambuco:Port.w/pop mx, anmts to 0304 s/off
(333,7/1;Collier-NY)

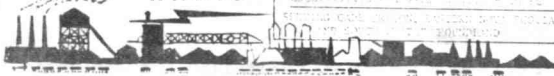
BRAZIL (cont.)

- 3385 2230 ZYG22 R. Clube Teresina:Port.w/tlks by OM, QRM from unidentified Spanish speaker same freq (--2,7/2;Neumann-NETHERLANDS)
- 4905 2310 ZYZ20 R. Relógio:Port.w/mx,ads,frequent TCs (--4,7/9;Neumann-NETHERLANDS)
- 4915 0840 ZYE2 Rif. Macapá:Port.w/mx,YL ID,talk (222,6/29;Eichenhorn-MI)
- 4995 0000 ZYK2 R. Brasil Central:Port.w/soccer game (354,6/14;Fischer-PA)(443,0015,6/30;Zilmer-WI)
- 5015 0833 ZYF208 R. Dif. Poços de Caldas:Port.w/TENTATIVE logging of inst. mx anncd by OM (--2,6/12;Schnabel-NY)
- 5965 1025 ZYU60 R. Guaíba:Port.w/IS,NA @ 1031 s/on with anmts (--3,7/4;Miller-OH)
- 6000 0150 PRK5 R. Inconfidência:Port.w/LA mx,splash from VOA on 5995 after 0159 (343,6/21;Cleveland-CA)
- 6065 0733 PRL8 R. Nacional Brasília:Port.w/pop mx,anmts (433,6/27;Zimarowski-MA)
- 6095 0015 ZYB7 R. Tupi,São Paulo:Port.w/sports event,lots of crowd noise (222,7/1;Trautschold-WI)
- 6175 2330 ZYV74 R. Guarani:Port.w/ID @ 2330 into local news read by OM (--3,7/1;Mayer-IL)
- 6185 0930 ZYR72 R. Bandeirantes:Port.w/mx but mostly talk (232,6/10;Snyder-CA)
- 6195 0905 ZYD21 Emiss. Continental:Port.w/OM vocals, ID @ 0905 (343,6/30;Collier-NY)
- 9675 0025 ZYT29 R. Diário da Manhã:Port.w/tlk (322,7/6;Zilmer-WI)(222,0015,7/17;Whitehead-MA)
- 9695 2120 ZYB61 R. Rio Mar:Port.w/ID, variety pgm (322,7/3;Green-TX)(322,0050,7/2;Zilmer-WI)
- 11805 0125 ZYZ36 R. Globo:Port.w/LA and US pop discs,jingles, and the like (222,6/24;Trautschold-WI)
- 11865 2200 ZYB85 R. Clube de Pernambuco:Port.w/sports event,probably a soccer match (--3,6/24;Mayer-IL)
- 11925 0030 ZYR78 R. Bandeirantes:Port.w/fast tlk,US pop mx (222,6/17;Trautschold-WI)
- 11950 0100 PHL3 R. Ministério da Educação:Port.w/classical music (--4,6/15;Brooks-CT)
- 15155 0245 ZYB9 R. Tupi,São Paulo:Port.w/discussion between two men (344,6/29;Bye-PA)(--4,2300,6/24;Mayer-IL)(433,0150,7/1;Trautschold-WI)(443,0318,6/15;Cleveland-CA)
- 15245 0300 ZYE21 R. Marajoara:Port.w/TENTATIVE logging of LA guitar mx YL tlk (111,7/1;Trautschold-WI)
- 15370 2300 ZYC9 R. Tamoio e Tupi:Port.w/talks by OM (--2,6/13;Masek-IL)

CANADA

- 5960 0600 CBC Northern Service:Eng.w/nxct (--3,6/23;Trubee-HI)(343,0130,6/23;Bye-PA)
- 6005 1230 CFCX Montreal:Eng.w/music,nx,TCs,ads (433,6/23;Shaw-PA)(454,1215,7/8;Fischer-PA)(--3,1010,6/24;Mayer-IL)(333,1815,6/30;Zimarowski-MA)(433,2330,7/6;Zilmer-WI)
- 6010 1220 CJXC,Sydney:Eng.w/religious program (--3,7/8;Mayer-IL)(233,1200,6/30;Whitehead-MA)
- 6070 1218 CFRX,Toronto:Eng.w/livestock report (454,7/8;Fischer-PA)(--3,0510,6/23;Trubee-HI)(433,1245,6/23;Shaw-PA)(332,0435,6/12;Cleveland-CA)
- 6080 0130 CKFX,Vancouver:Eng.w/rock mx,DJ format,promos for CKWX (532,7/8;Swatkoff-ALTA)
- 6130 1425 CHNX, Halifax:Eng.w/pop music (--2,7/6;Vockeroth-PA)(444,0727,6/16;Wilkins-IL)
- 6160 0500 CKZU,Vancouver:Eng.w/financial nx (333,6/12;Cleveland-CA)(353,1750,6/12;Jessen-OR)
- 9605 0555 Deutsche Welle Relay: Eng.w/ID, IS and off (333,7/8;Jessen-OR)
- 9625 0210 CBC Northern Service: Eng.w/nx (434,6/29; Bye-PA)(555,0410,6/23;Joseph Smith Jr.--NY)

GJCB
RADIO



CANADA (cont.)

- 9635 0110 Radio Canada Intl.:Eng.w/comment by YL on visit of Royal Family (--4,7/4;Britton-FL)(423,0108,6/27;Trzaskus-IL)
- 11720 0615 CBC Northern Service:Eng.w/world nx (--2,6/24;Trubee-HI)(444,0400,6/15;Cleveland-CA)(--3,0300,6/19;Castello-CA)
- 11835 2300 Radio Canada Intl.:Eng.w/news and music, // 15190 & 17855(--4,6/22;Trubee-HI)
- 11945 0115 Radio Canada Intl.:Eng.w/mailbag pgm,country style music(555,6/28;Shaw-PA)
- 15315 1240 Radio Canada Intl.:Eng.w/mx,nx,comment (344,7/4;Bye-PA)

CHILE

QUIERE SABERLO TODO ?

ECONOMIA, DEPORTES, POLITICA, NOTICIAS, CABLES, POLICIALES, ESPECTACULOS, CONFIDENCIAS, COMENTARIOS, ETC.

EL REPORTERO 114

CON LOS TELETIPOS DE: UNITED PRESS INTERNATIONAL (UPI) ORBE, PRENSA LATINA, REUTER-LATIN Y NUESTRO PROPIO EQUIPO DE REPORTEROS.

EL REPORTERO 114

CON LOS MEJORES 7 COMENTARISTAS ESPECIALIZADOS, 2 LOCUTORES Y 17 PERIODISTAS (TODOS ELLOS REUNIDOS PARA SU MEJOR INFORMACION).

EL REPORTERO 114

MAÑANAS 7.30 - 8 HRS. MEDIODIA 13.30 - 14.30 HRS. NOCHE 21.15 - 22 HRS. MEDIANOCHE 24 - 0.30 HRS.



**EL REPORTERO 114
RADIO CORPORACION/CB-114**

89.3 EN FM / 19.31 y 94 MTRS. EN ONDA CORTA
Y TODA SU CADENA DE EMISORAS A LO LARGO DE CHILE

- 6150 0300 CE615 LV de Chile:Sp.w/talk (--3,6/13;Masek-IL)
- 9571 0305 CE957 R. Portales:Sp.w/radio drama,pop stds (444,6/15;Cleveland-CA)
- 9590 0458 CE959 R. Presidente Balmaceda:Sp.w/ID,freqs,off 0500 (443,6/19;Cleveland-CA)(333,0455,6/24;Witkins-IL)
- 15150 0220 CE1515 R. Corporación:Sp.w/LA mx,nx,talk (232,6/24;Trautschold-WI)

COLOMBIA

- 4945 0520 HJDH R. Colosal:Sp.w/LA mx and IDs (353,6/5;Jessen-OR)
- 4955 0410 HJCO R. Nacional:Sp.w/nice classical mx (443,6/26;Cleveland-CA)(454,0150,6/14;Fischer-PA)
- 4965 0553 HJAF R. Santa Fe:Sp.w/mx,many IDs,anmts (322,7/1;Snyder-CA)(443,0435,6/26;Cleveland-CA)(534,0300,6/26;Wade Smith-MA)(544,0408,7/4;Patterson-GA)(444,0335,7/1;Witkins-IL)
- 5075 0200 HJGC R. Sutatenza:Sp.w/IDs,LA music (333,6/21;Shaw-PA)(343,0326,6/20;Cleveland-CA)(454,0020,6/14;Fischer-PA)(545,0230,6/26;Wade Smith-MA)
- 5095 0010 HJGG R. Sutatenza:Sp.w/YL tlk,nx @ 0015 (454,6/14;Fischer-PA)
- 6040 0410 HJLB LV del Tolima:Sp.w/ID,freqs,s/off w/anthem @ 0414 (343,6/15;Cleveland-CA)
- 6065 0330 HJAX R. Super:Sp.w/music,comls (--3,6/13;Masek-IL)
- 6075 0935 HJCT R. Sutatenza:Sp.w/LA mx,IDs (433,6/27;Zimrowski-MA)
- 6125 0645 HJKE R. Continental:Sp.w/pop mx,many TCs,ID. First time hrd in many months (353,7/7;Sparks-CA)(333,0806,6/30;Collier-NY)
- 6140 1059 HJNE R. El Sol:Sp.w/LA pop mx,ads.ID by YL (--3,6/30;Miller-OH)
- 6160 0604 HJKJ Emisora Nueva Granada:Sp.w/pgm of LA mx,network IDs (444,6/17;Collier-NY)(--3,0750,6/22;Trubee-HI)(232,0330,6/28;Warren-CA)(--3,0320,6/13;Masek-IL)
- 9635 1215 HJZM R. Nacional:Sp.w/classical mx,complete ID,time pips @1230 Brooks-CT)

COSTA RICA

- 4832 0330 TIHB R. Capital:Sp.w/music,anmts (434,7/9;Wade Smith-MA)(333,0501,6/22;Witkins-IL)(333,0315,6/21;Shaw-PA)(343,0440,6/12;Jessen-OR)

COSTA RICA (cont.)

- 5954 0535 TIQ R. Casino:Eng.w/Booming cola comls,ancr very difficult to copy (443,7/5;Lovell-KY)
 6006 0840 TIHB R. Reloj:Sp.w/LA mx,IDs (534,6/27;Zimarowski-MA) (--3,0600,6/12;Masek-IL)
 6150 0404 TIRS R. Atenea:Sp.w/nx @ 0400, ID @ 0404 (343,6/24;Collier-NY) (354,0600,6/24;Sparks-CA)
 9645 0410 TIFC Faro del Caribe:Sp.w/Religious pgm,ID in Sp. and Eng. (--3,6/28;Stephenson-CA) (--3,1220,6/17;Brooks-CT)

CUBA

- 9525 0730 R. Habana Cuba:Eng.w/nx and cmntry (--3,6/26;Trubee-HI)
 9550 0438 R. Habana Cuba:Sp.w/LA music (443,6/19;Cleveland-CA) (354,0457,7/1;Jessen-OR)
 11760 1240 R. Habana Cuba:Sp.w/IDs,LA music, usual propaganda (544,6/27;Shaw-PA) (--4,0450,6/23;Trubee-HI) (454,0417,7/1;Jessen-OR) (444,0451,7/1;Trzaskus-IL)
 11910 0500 R. Habana Cuba:Eng.w/talk,commentary (333,6/11;Warren-CA) (333,0410,7/1;Jessen-OR)
 15130 0130 R. Habana Cuba:Sp.w/s/on w/mx,nx (323,7/1;Trautschold-WI)
 15230 0145 R. Habana Cuba:Sp.w/mx,tlk by OM & YL (--4,6/27;Trzaskus-IL)
 15425 0100 R. Habana Cuba:Sp.w/tlk by OM // 15230,15130 (444,6/29;Wilkins-IL)
 17705 2100 R. Habana Cuba:Eng.w/pgm "Box 7026" (252,7/1;Warren-CA)
 17855 1943 R. Habana Cuba:Sp.w/ID, nice Sp. mx (333,6/22; J. Smith Jr.-NY)
 17885 1955 R. Habana Cuba:Sp.w/pgm // 17855 (444,6/22;J. Smith Jr.-NY)

DOMINICAN REPUBLIC

- 3216 0359 HIDB R. Libertad:Sp.w/Latin rhythms,ID as "Radio Libertad" (443,6/28;Lovell-KY) (354,0330,6/22;Collier-NY) (253,0558,6/7;Gavarras-MI)
 4881 0335 HLJP R. Comercial:Sp.w/ID,mx (324,7/9;Wade Smith-MA)
 4910 0129 HLN R. HLN:Sp.w/ID @ 0130, into local news (--2,6/29;Mayer-IL)
 4930 0345 HIBE R. Mil:Sp.w/LA songs,music (333,6/21;Shaw-PA)
 9505 0215 HISD R. Televisión Dominicana:Eng.w/news of Dominican Republic, YL ancr (--3,6/29;Mayer-IL) (454,2200,6/15;Fischer-PA) (444,7/13;Wade Smith-MA)

ECUADOR

- 4765 0435 HCAJ2 C.R.E.:Sp.w/mx,off @0440 w/"Toreador Song",full ID, & national anthem (453,6/14;Fischer-PA)
 4790 0400 HCVP2 Emisora Atalaya:Sp.w/spts event,interview @ 0426,into LA mx 0430. S/off @ 0455 with anmt over "Sleepy Lagoon" preceded and followed by Gillette theme (443,6/20;Cleveland-CA) (454,0600,6/17;Fischer-PA)
 4825 0630 HCAV3 R. Luz y Vida:Sp.w/Andean mx,anmts (323,6/22;Collier-NY)
 4900 0250 HCVS6 R. Libertador:Sp.w/Andean mx,ID (444,6/22;Schnabel-NY)
 4939 0400 HCKZ1 R. Nacional del Ecuador:Sp.w/LA mx, hrd after YVPA s/off (322,6/26;Cleveland-CA)
 6150 0745 HCLV1 R. El Sol:Sp.w/pop mx,IDs (433,6/27;Zimarowski-MA)
 9560 0300 HCJB LV de los Andes:Eng.w/"DX Party Line" (--5,7/10;Britton-FL) (--4,0445,6/7;Vockeroth-PA)
 9710 0710 HCJB LV de los Andes:Eng.w/Religious pgm beamed to Europe (--4,6/26;Trubee-HI)
 9745 1214 HCJB LV de los Andes:Sp.w/religious hymns sung by children (--3,7/1;Trzaskus-IL)
 11745 0451 HCJB LV de los Andes:Eng.w/"Box 691" pgm (444,7/1;Trzaskus-IL) (555,0205,6/17;Trautschold-WI) (544,1245,6/27;Shaw-PA) Roger Stubbe advises programming formerly on 11715 during the period 0230-0715 has been moved to this frequency deleting HCJBs use of 11715 altogether.
 11730 2045 HCJB LV de los Andes:Fr./Ger./Sp. pgms formerly on 11845 now being broadcast on this channel in the time slot 2045-2200.
 15115 0130 HCJB LV de los Andes:Eng.w/pop mx,tlk. //11745 (434,6/16;Trzaskus-IL)



ECUADOR (cont.)

- 15300 1900 HCJB LV de los Andes:Eng./Fr./Ger./Sp. pgmng formerly on 15315 now carried on this channel 1900-2200
 17850 2000 HCJB LV de los Andes:Eng.w/Religious pgm,songs,mx (343,7/1; Warren-CA) This new freq down from 17870

EL SALVADOR

- 5980 0440 YSS R. Nacional:Sp.w/LA mx,sounded like a live pgm (443,6/16; Cleveland-CA) Bill,you sure this YSS?? See next logging.
 6010 2356 YSS R. Nacional:Sp.w/guitar mx,ID on the hr (--3,6/10; Schnabel-NY)(--2,1208,6/23;Miller-OH)(422,0000,7/1; Zilmer-WI)
 9576 0453 YSV R. Comercial:Sp.w/orch mx,ID,s/off w/ background of singing,three gongs repeated 3 times,off @ 0459 (333,6/16;Cleveland-CA)
 18030 2220 YSS R. Nacional:Sp.w/Futbol match between El Salvador and Guatemala, is 3x harmonic (222,7/1;Green-TX)

GUATEMALA

- 3360 0330 TGVN LV de Nahualá:Sp.w/LA mx, anmts (312,6/16;Collier-NY) (--2,0326,7/8;Swatkoff-Alta)(--3,0340,7/7;Mayer-IL)
 3380 0400 TGCH R. Chortis:Sp.w/ID @ 0400, into nxcst (--2,6/30;Mayer-IL)
 5955 0825 TGNA R. Cultural:Sp.w/LA mx,IDs,s/off (353,6/20;Jessen-OR) (212,0345,6/27;Collier-NY)(333,0404,6/27;Cleveland-CA)
 6180 0400 TGWB LV de Guatemala:Sp.w/tlk on spts,apparently extended bst for game (--3,6/13;Masek-IL)(342,0440,6/14; Cleveland-CA)

GUYANA

- 3920 0315 GBS Action Radio:Eng.w/IDs,jazz mx,tlk on jazz records (323,6/23;Shaw-PA)

HAITI

- 6120 0028 4VE Radio 4VEH:Eng.w/Menonite pgm "The Voice of Light" (312,7/2;Green-TX)
 9770 1530 4VEH Radio 4VEH:Eng.w/YL talk,ID, rel pgm (222,6/26; Eichenhorn-MI)(444,1210,7/8;Fischer-PA)(233,1145,7/4;Bye-PA)
 11835 1245 4VEJ Radio 4VEH:Eng.w/religious nx,anmt of power as 10,000 watts (344,6/23;Bye-PA)(444,1230,6/21;Shaw-PA)

HONDURAS

- 4820 0410 HRVC LV Evangélicas:Eng.w/"Are You Really Listening" pgm s/off @ 0430 (333,6/19;Snyder-CA)(333,0300,6/21;Shaw-PA) (--3,0427,7/4;Miller-OH)(333,0340,6/20;Cleveland-CA) (434,0315,7/9;Wade Smith-MA)
 4920 0335 HRPL3 R. Progreso:Sp.w/spts event (342,6/21;Cleveland-CA)
 5875 0045 HRN LV de Honduras:Sp.w/mx,ID,nx (111,7/1;Trautschold-WI) (333,0300,6/26;Cleveland-CA)

MEXICO

- 6105 1140 XEQM R. Yucatán:Sp.w/TCs,Mexican mx (--3,6/23;Miller-OH) (354,0440,6/13;Sparks-CA)
 6115 1730 XEUDES R. Universidad de Sonora:Sp.w/light mx (443,6/16; Cleveland-CA)(343,2300,6/16;Warren-CA)
 9705 1410 XERMX R. México:Sp.w/ID, música mexicana (433,7/5;Cleveland-CA)(444,2300,6/16;Warren-CA)(444,1325,6/29;Eichenhorn-MI) (--3,1330,6/19;Vockeroth-PA)
 11770 1230 XERMX R. México:Sp./Eng. w/IDs,nx,music (444,6/27;Shaw-PA) (454,1545,6/13;Warren-CA)
 15123 0001 XERMX R. México:Sp.w/soothing Mexican mx (--2,6/27;Miller-OH) (444,2300,6/11;Cleveland-CA)(444,0206,6/24;Trautschold-WI) (454,1530,6/10;Warren-CA)

NETHERLANDS ANTILLES

- 9570 1000 Trans World Radio:German w/OM ID, mx (322,6/29;Eichenhorn-MI)
 9575 0430 Radio Nederland Bonaire Relay:Dutch w/tlk,mx (555,6/21; Cleveland-CA)
 11730 0215 Radio Nederland Bonaire Relay:Eng.w/"His & Hers" pgm (--4,7/4; Britton-FL)(554,0500,6/11;Warren-CA)(444,0158,6/19; Trzaskus-IL)
 11815 1135 Trans World Radio:Eng.w/rel pgm (--3,7/1;Trzaskus-IL)(444,0120,7/11;Fischer-PA)(344,1215,6/23;Bye-PA)

NETHERLANDS ANTILLES

11930 0525 Trans World Radio: Polish/Eng. w/ID in Eng. @ 0530 s/off after Polish pgm (444,6/12; Cleveland-CA)
 15350 0140 Trans World Radio: German w/end Ger. pgm, mx w/Sp. ID (344,7/3; Bye-PA) (444,0050,6/29; Witkins-IL)

PERU

4785 1015 OAXSF R. Atlantida: Sp.w/Andean mx, anmts (322,6/30; Collier-NY)
 4815 0452 OAXSX R. Amazonas: Sp.w/LA mx, ID @ 0452, off w/anthem @ 0456 (242,6/17; Collier-NY)
 5970 0530 OBX+Q R. El Sol: Sp.w/mx, many anmts by OM (--3,6/23; Trubee-HI) (333,0220,6/21; Cleveland-CA)
 6045 0204 OCY+H R. Santa Rosa: Sp.w/local and world nx (333,6/21; Cleveland-CA)
 6115 0408 OBZ+O R. Unión: Sp.w/Andean mx, rock mx, IDs, ads, persistent het beginning at 0428 (433,6/22; Cleveland-CA)
 9520 0320 OAX+J R. La Cronica: Sp.w/boxing match w/many knockdowns for 8 count, overriding RNE (332,6/29; Cleveland-CA)

UNITED STATES OF AMERICA

5995 0430 VOA, Greenville: Eng.w/mx, Q & A pgm (--3,7/6; Vockeroth-PA)
 9525 1330 VOA, Greenville: Sp.w/nx, mx, tlk abt SKYLAB (--4,6/18; Vockeroth-PA)
 9715 0129 WNYW R. New York Worldwide: Eng./Sp. w/tlk, pop mx (555,7/8; Trautschold-WI)
 9730 1310 VOA, Dixon: Eng.w/nx, cmntry (--3,6/20; Vockeroth-PA)
 11740 2345 OAS via VOA: Eng.w/nx, mx pgm (--5,6/20; Castello-CA)
 11805 0500 VOA, Delano: Eng.w/nx @ sign on (444,6/16; Warren-CA)
 11855 0055 WNYW R. New York Worldwide: Eng./Sp. pop mx, ID (444,6/27; Trzaskus-IL)
 15160 0130 OAS via VOA: Sp./Fr./Port. w/tlk //9640,11750 (544,6/16; Snyder-CA) (555,2345,6/25; Joseph Smith Jr.-NY)
 15185 2050 WINE World Inter-National Broadcasters: Eng.w/ad for drug company, ID (332,6/29; Eichenhorn-MI)
 15215 0230 WNYW R. New York Worldwide: Sp./Eng.w/sign off (233,6/28; Bye-PA)
 15280 0233 KGBI LV de la Amistad: Eng./Sp. w/talk abt CA weather (433,6/28; D'Angelo-NY) (343,0215,6/28; Bye-PA) (544,0305,7/1; Trautschold-WI) (555,0325,7/1; Trzaskus-IL)
 15430 2130 AFRTS, Greenville: Eng.w/ABC nx, "Update" pgm (555,6/22; Smith-NY)

URUGUAY

11835 0115 CXA19 R. El Espectador: Sp.w/US pop mx, fast talk, IDs (211,6/24; Trautschold-WI)

VENEZUELALA VOZ DE EL TIGRE

3215 0400 YVZV Ondas Panamericanas: Sp.w/IDs, tlk (333,6/23; Shaw-PA)
 3236 2237 YVPM Emisora Vargas: Sp.w/TENTATIVE logging of Spanish language tlk (--2,7/9; Neumann-NETHERLANDS)
 3245 0250 YVKT R. Libertador: Sp.w/tlk (--2,QRN bad,6/30; Mayer-IL)
 3325 0403 YVRA R. Monagas: Sp.w/quick "R. Monagas" ID into LA mx (343,6/28; Lovell-KY)
 4770 0050 YVNW R. Bolívar: Sp.w/ads, TCs, mx (343,6/14; Fischer-PA)
 4810 0358 YVNG R. Popular: Sp.w/full ID, anthem @ 0400 s/off (--3,7/7; Mayer-IL) (332,0320,6/21; Cleveland-CA) (343,0055,6/14; Fischer-PA)
 4840 0350 YVOI R. Valera: Sp.w/LA pop mx (232,7/1; Green-TX) reactivated
 4860 0920 YVQE R. Maracaibo: Sp.w/YL ID, mx pgm w/OM (343,6/29; Eichenhorn-MI) (454,0300,6/15; Fischer-PA)
 4880 0330 YVMS R. Universo: Sp.w/LA mx, IDs (333,6/21; Shaw-PA) (343,0350,6/20; Cleveland-CA)
 4890 0350 YVKB R. Dif. Venezuela: Sp.w/R & R mx (444,7/9; Wade Smith-MA) (443,0322,6/26; Cleveland-CA) (333,0230,6/21; Shaw-PA)
 4940 0340 YVPA R. Yaracuy: Sp.w/LA mx, IDs, s/off w/anthem (433,6/26; Cleveland-CA) (434,0220,7/10; Wade Smith-MA)
 4960 0310 YVQA R. Sucre: Sp.w/lively tunes interspersed with IDs "En R. Sucre Musical.." (--4,6/10; Schnabel-NY)
 6070 1048 YVSR R. San Sebastian: Sp.w/peppy LA mx, ADS (--3,7/4; Miller-OH)
 6170 0335 YVKG R. Nacional: Sp.w/US pop stds, off @ 0358 (343,7/1; Cleveland-CA)
 9660 0215 YVLM R. Rumbos: Sp.w/mx, IDs // 4970 (322,7/2; Snyder-CA)

Ouch, out of room. A tight squeeze again. Till next month, adios amigos

Jaime
Cabrera

SWBC DX - EUROPE/AFRICA



Deadline: 15th
Times & Dates: GMT
Frequencies: kHz

Robert Butterfield
38 Hamilton Road
Belmont, Massachusetts
02178

-EUROPE-

ALBANIA

- 6200 0250 R. Tirana: Eng commtry (fair 6/17 Maher-NY);(good 0332 7/1 Wickett-MD)
7300 0135 R. Tirana: Eng nx (poor 6/21 Cleveland-CA);(fair 0132 w/ ID 6/25 Smith-NY);(v good 7/1 Wickett-MD)
9775 0014 R. Tirana: Eng commtry (exc 6/25 Getzel-NY)
9780 0105 R. Tirana: Sp w/ nx (fair 7/8 Trautschold-WI)
9780 0333 Radio Peking via Tirana: Eng w/ revolutionary folk songs (poor 6/17 Yaney-IN)

AUSTRIA

- 6000 1830 Osterreichischer Rundfunk, Aldrans: Ger w/ lt mx, "sort-of" // to 6155 as 6000 kHz freq runs about 1 min behind, 1 kw pwr (weak 7/10 Neumann-HOLLAND)
6155 2355 ORF: Fr (?) s/off w/ IS, freq in Eng (poor 6/30 Trautschold-WI)
6255 1840 OYE21, Schulungssender des Osterreichischen Bundesheeres: Ger w/ mx and ID in Morse & Ger every 15 min (good ??? Calkin-SPAIN)
9770 0130 ORF: Eng w/ nx (fair 7/4 Bye-PA);(fair 6/27 D'Angelo-NY)
11960 0055 ORF: Ger nx (good 6/15 Brooks-CT)
17780 1236 ORF: Ger nx (poor/fair 7/4 Miller-OH)

BELGIUM

- 9655 2255 Radiodiffusion-Television Belge: Eng prgr on new freq which replaces 9550, 2255-2315 & 0040-0100 (fair 6/23 Zilmer-WI); (exc 7/10 Brooks-CT);(good 2310 6/27 Smith-NY);(good 6/27 Shaw-PA);(good 7/4 Bye-PA) // 15235

BULGARIA

- 9700 2145 R. Sofia: Eng w/ DX prgr & mx (good 6/29 Smith-NY);(fair 0400 6/17 Yaney-IN);(fair 0410 6/16 Cleveland-CA)

CYPRUS

- 11955 0330 BBC, East Mediterranean Relay: Eng ID's and spts (good 6/28 Shaw-PA) ID's for Cyprus or what? rfb.
15285 0245 BBC: (WRTH) Eng w/ top twenty (fair 6/28 Bye-PA)

CZECHOSLOVAKIA

- 5930 0110 R. Prague: Eng w/ "Topic of the Day" (poor 6/29 Bye-PA)
6015 0128 R. Prague: Eng w/ mx (good 7/2 Wickett-MD)
7345 0353 R. Prague: Eng (good 6/23 Smith-NY)
9540 0100 R. Prague: Eng w/ nx (good 7/4 Bye-PA)
9740 0355 R. Prague: Eng prgr (fair 7/2 Snyder-CA);(good 0110 7/4 Bye-PA)
11990 2345 R. Prague: Sp w/ mx (fair 6/23 Trautschold-WI);(good 0120 in Eng 6/26 Bye-PA);(good 0130 6/22 Luberski-MN)

DENMARK

- 15165 1359 R. Denmark: Eng s/on into Danish prgr (fair/poor 6/16 Wickett-MD)

FINLAND

- 15185 1400 R. Finland: Eng s/on w/ IS, ID (fair/good 6/17 Eichenhorn-MI); (v poor 6/23 Bye-PA);(fair 1402 6/21 Cleveland-CA);(poor/fair 7/5 Miller-OH)

FRANCE

- 9560 1700 Office de Radiodiffusion Television Francaise: Fr w/ IS, ID, nx (good 6/16 Brooks-CT)
11965 0100 ORTF: Sp w/ nx, mx, intvw (good 6/15 Brooks-CT);(good 0145 Shaw-PA)
15120 1755 ORTF: Fr w/ pop mx (fair 6/20 Cleveland-CA);(good 1845 7/1 Bye-PA);(good 2115 7/8 Stephenson-CA)

GET YOUR REPORTING FORMS NOW!

FRANCE (cont.)

15155 1030 ORTF: Eng w. "Paris Internationale" on new freq (good 6/27 Zilmer-WI)
15315 0040 ORTF: Fr w/ mx & tlks // 15295 (fair 6/29 Witkins-IL)
21645 1700 ORTF: Fr w/ mx (good 6/23 Bye-PA)

GERMANY, EAST

9730 0145 Radio Berlin International: Eng comtry into s/off (good 6/5 Yajko-PA);(fair 0220 7/3 Bye-PA)
11820 0337 RBI: Eng nx & comtry // 11840 (poor 7/10 Witkins-IL);(good 0345 6/23 Eichenhorn-WI)
11840 0330 RBI: Eng nx (poor 6/14 Castello-CA);(good 0410 6/21 Stephenson-CA);(good 0447 6/14 Cleveland-CA)
11890 0100 RBI: Eng (good 6/16 Stephenson-CA);(fair 0100 6/17 Trautschold-WI);(exc 0140 6/22 Luberski-WI);(fair 0235 6/26 Cleveland-CA);(fair 0255 7/10 Witkins-IL);(good 0300 6/27 Eichenhorn-WI);(poor 0308 6/28 Yaney-IN) whewww!
17700 1425 RBI: Eng nx (good 7/4 Miller-OH)

GERMANY, WEST

6040 0145 Deutsche Welle: Eng w/ mx and local nx (good 6/21 Shaw-PA);(fair 0246 6/26 Cleveland-CA);(good 0248 7/2 Wickett-WD)
6075 0025 DW: Ger prgr to SA (poor 7/1 Trautschold-WI);(good 0243 7/2 Wickett-WD)
6145 0010 DW: Ger nx (good 7/1 Trautschold-WI)
9605 0200 DW: Ger nx (good 6/18 Stephenson-CA)
9690 0240 DW: Eng prgr (fair/good 7/1 Trzaskus-IL)
9745 0430 DW: Ger w/ "Fiddler on the Roof" (good 6/16 Cleveland-CA) vverrrrry interesting! rfb.
9765 0500 DW: Eng w/ mx (fair 6/16 Warren-CA)
11765 1950 DW: Ger w/ mx & nx (fair 6/11 Stephenson-CA)
11795 2355 DW: Port w/ pop mx (fair 7/7 Trautschold-WI)
11945 0210 DW: Eng prgr to South Asia (poor 7/10 Witkins-IL)
15410 1045 DW: Eng nx & comtry (poor 7/8 Zilmer-WI)
17875 1230 DW: Eng w/ mailbox to Africa (fair 7/7 Zilmer-WI)



GREAT BRITAIN

7170 0730 VOA, Wofferton: Eng w/ "Yankee Doodle" IS, s/on, ID (good 6/30 Draut-IL)
11750 0200 BBC: Eng w/ nx (poor 6/24 Trautschold-WI)
11780 0015 BBC: Eng w/ nx (good 6/27 Shaw-PA)
17790 0000 BEC: Eng nx & comtry (fair 6/23 Snyder-CA)
21500 1215 BEC (site unknown): Eng ID then prgr in Malay to Malaysia. Not listed in WRTM (Neumann-Holland) Only freq listed in 13 mb that is close is 21470 beamed to Malaysia from Great Britain. rfb.

GREECE

9710 1345 Radiofonikos Stathmos Macedonias: Greek w/ mx and a few announcements to 1430 s/off (??? ??? Calkin-SPAIN) Don't think I heard of this station before - quality & date absent. Could I have more details? Greek is not my strong point, hi! rfb.
11840 0030 VOA, Kavala: Sp w/ ID, mx, talk, nx (Trautschold-WI)

HOLLAND

11730 1930 R. Nederland: Eng w/ mx req (fair 6/26 Cleveland-CA);(poor 2130 6/13 Castello-CA);(fair 2145 7/3 Luberski-WI);(exc 0200 Trautschold-WI)

HUNGARY

9833 0240 R. Budapest: Hungarian w/ DX prgr (good 6/17 Trautschold);(fair 0300 6/17 in Eng Yaney-IN);(fair 0300 6/20 Cleveland-CA)
11910 0305 R. Budapest: Eng nx, comtry, mx (fair 6/10 Castello-CA)

ITALY

9575 0135 Radiotelevisione Italiana: Port s/off (poor 7/2 Snyder-CA)
11810 0140 RAI: It prgr (poor 6/17 Stephenson-CA)
17770 1832 RAI: It w. s/on to SA (poor 7/4 Snyder-CA)

LUXEMBOURG

6090 0000 R. Luxembourg: Eng w/ pop mx (fair 6/27 Shaw-PA);(good 0125 6/19 Lanoue-MA);(poor 0150 6/30 Bye-PA)
15350 0040 R. Luxembourg: Fr w/ pop mx, Eng ID 0204 (fair to 0228 t/out 7/6 Swatkoff-ALBERTA) Another Luxembourg fan! (fair 1230 7/4 Zilmer-WI);(fair in Ger at 1634 7/1 Miller-OH)

NORWAY

9645 0400 R. Norway: Eng prgr (poor 6/24 Warren-CA)
11850 2030 R. Norway: Norwegian w/ Eng ID & s/off (poor 6/16 Snyder-CA)
11860 0120 R. Norway: Norwegian w/ Eng ID (good 7/7 Lanoue-MA);(good 6/21 Stephenson-CA)
15175 2015 R. Norway: Eng prgr (fair 6/21 Maher-NY)

POLAND

6095 0330 Polish R.: Eng w/ s/off into Polish mx (poor 6/26 Zilmer-WI)
 6135 0200 Polish R.: Eng prgr (0200-0235) into Polish prgr (0235-0300)
 andcd // 's 15120 11815 11810 & 6095 none of which were audible
 except for // 9675 also andcd (poor/good 7/10 Brooks-CT);(poor
 0200 6/26 Zilmer-WI)
 9675 0200 Polish R.: Eng prgr (fair 6/27 D'Angelo-);(poor 6/26 Zilmer-WI)
 11815 0300 Polish R.: Eng w/ mailbag (fair 6/23 Zilmer-WI);(poor 0305 6/29
 Cleveland-CA);(fair 0334 7/10 Witkins-IL)
 15120 0300 Polish R.: Eng nx (fair 6/23 Shaw-PA);(fair 6/23 Zilmer-WI)

PORTUGAL

6025 0200 R. Portugal: Eng s/on, nx //11935 (good 6/23 Bye-PA);(poor/fair
 6/22 Luberski-MI);(poor 7/1 Wickett-MD);(good 0225 6/27 Shaw-
 PA);(fair 0415 6/9 Snyder-CA)
 9670 2100 Adventist World Radio, "Voice of Hope": Bible prgr (fair 7/8
 Brooks-CT)
 11840 0210 R. Portugal: Fr prgr (good 6/27 Eichenhorn-MI);(fair 0310 6/20 Eng
 Cleveland-CA);(fair 0310 6/20 Cleveland-CA);(fair 0310 6/16
 Warren-CA);(fair 0315 6/25 Castello-CA);(good 0316 7/10 Witkins-
 IL)

ROMANIA

5990 0140 R. Bucharest: Eng nx & commtry // 9570 11940 (poor 6/23 Bye-PA)
 9570 0150 R. Bucharest: Eng talk (fair 7/3 Bye-PA)
 11775 1950 R. Bucharest: Eng talk (fair 6/11 Stephenson-CA);(fair 2015 6/27
 Eichenhorn-MI);(poor 7/12 Luberski-MI)
 11940 1215 R. Bucharest: Eng intvw (fair 6/27 Shaw-PA);(poor 1305 6/27
 Eichenhorn-MI);(poor 0430 6/27 Cleveland-CA)
 15250 1300 R. Bucharest: Eng nx (fair 7/4 Zilmer-WI)

RFSFR, EUROPEAN

15150 1630 R. Atlantica (site presumed): Russian w/ distinctive IS &
 "Atlantica" vocal ID, general talk & mx format (good 7/1 Brooks-
 CT)
 15230 1115 R. Moscow, Voronezh (WRTH): Eng prgr to S Asia (fair 6/28 Simon-
 NY)
 15260 1215 R. Moscow, Kazan (per rpt QSL's): Eng to Great Britain, s/off
 1228 6/17 Simon-NY)

SPAIN

6065 0100 Radio Nacional de Espana: Eng nx & mx // 11925 (fair 6/23 Bye-
 PA);(good 0120 6/27 Shaw-PA);(fair 0230 6/26 witkins-IL);(good
 0310 6/28 Eichenhorn-MI)
 6140 0303 RNE: Eng nx & mx (good 7/1 Wickett-MD)
 9525 0058 RNE: Sp w/ IS at 0100 (fair 6/19 Trzaskus-IL)
 11775 0304 RNE: Sp w/ tlk & mx (good 7/2 Wickett-MD)
 11925 0218 RNE: Eng w/ cl mx (poor 6/22 Cleveland-CA);(good 0228 7/10
 Witkins-IL)
 15130 0122 R. Liberty, Playa de Pais: Sp (??? rfb.) mx, talk, ID, t/out
 0134 (poor 7/4 D'Angelo-NY) Wasn't aware that this station
 broadcasted in Western European lang. Far as I know broadcasts
 are mainly to Russia and E Germany, perhaps ID in Spanish? rfb.
 15145 0135 RNE: Sp w/ men's choir mx (exc 7/1 Trautschold-WI);(good 0233
 D'Angelo-NY)
 17805 1430 RNE, Noblejas: Sp w/ mx & s/off 1458 incl specific mention of
 Noblejas site (good 6/23 Brooks-CT)

SWEDEN

9665 0030 R. Sweden: Eng nx (new freq 0030-0100 & 0200-0230) (poor 6/26
 Zilmer-WI);(fair 0215 6/29 Bye-PA)
 11705 0350 R. Sweden: Eng w/ SCDX (good 6/27 Eichenhorn-MI)
 17770 1400 R. Sweden: Eng nx to S Asia // 17815 (poor 7/4 Zilmer-WI)

SWITZERLAND

6120 0200 SBC: Eng "Dateline" prgr (fair 6/23 Bye-PA);(exc 6/12 Yajko-PA)
 7443 1825 United Nations Radio, Prangins: Russian noted from 1825 s/on
 w/ 6 note IS as per WRTH, 10 min prgr closing w/ IS at 1840,
 Fridays only (??? 6/29 Calkin-SPAIN)
 9535 0016 SBC: Eng nx (good 6/26 Getzel-NY);(poor due to local storm //
 11715 6/24 Trzaskus-IL);(fair 0152 6/25 Cleveland-CA);(exc 0155
 6/12 Yajko-PA);(good 0200 6/29 Bye-PA);(good 0200 6/27 Shaw-PA)
 11715 0425 SBC: Eng nx (fair 6/12 Eichenhorn-MI);(fair 0430 6/25 Castello-
 CA);(poor 0430 6/11 Warren-CA);(v good 7/9 Wickett-MD)
 15305 0150 SBC: Eng w/ "SW Merry-go-round" (fair 6/31 Bye-PA);(fair 6/21
 Smith-NY);(good 0208 7/8 Swatkooff-ALBERTA)
 17830 0110 SBC: Sp nx, ID (v poor 6/27 Witkins-IL);(poor 1530 6/23 Bye-PA)

UKRAINIAN SSR

17815 1105 R. Moscow, Simferopol (uRM): Eng to South Asia, nx, Russian by radio (fair 6/15 Simon-NY)

USSR, EUROPEAN

11790 0025 Radiostantsiya Rodina: Russian, mx, ID (good 6/28 Lanoue-MA)
 12050a 0100 R. Station Peace & Progress: Sp prgr (good 6/23 Lanoue-MA)
 15350 1445 R. Station Peace & Progress: Eng prgr (poor 6/21 Cleveland-CA); (fair 6/19 Eichenhorn-MA)

VATICAN STATE

5995 0030 Radio Vaticana: Sp & Latin w/ country, prayer, hymns (good 7/1 Trautschold-WI); (fair 0100 6/27 Shaw-PA); (poor 0105 6/30 Bye-PA)
 9605 0115 Radio Vaticana: Eng s/off (exc 7/8 Swatkovff-ALBERTA)
 11725 0000 Radio Vaticana: Sp prgr (good 7/8 Trautschold-WI)
 17900 1615 Radio Vaticana: fr prgr into Eng prgr @ 1620 (fair 7/2 Miller-OH)

YUGOSLAVIA

6100 1530 R. Belgrade: Eng nx & mx (fair 6/20 Maher-NY)

-AFRICA-

ALGERIA

11715 2345 Radiodiffusion-Television Algerienne: Arabic w/ chanting (good 6/27 Eichenhorn-MA)
 11965 1740 RTVA: Arabic w/ mx (fair 7/6 Garvaras-MN)
 15160 2007 RTVA: Arabic talk & mx (exc 7/7 Swatkovff-ALBERTA)
 17825 2329 RTVA: Fr w/ old American jazz (fair 7/2 Miller-OH)

ANGOLA

3375 2035 Emisora Oficial, Luanda: Port w/ soccer match (good 6/30 Neumann-HOLLAND)

ARAB REPUBLIC OF EGYPT

9455 0340 R. Cairo, Home Service: Arabic w/ exercise routine w/ piano pacer, "Big Ben" ID @ 0358 (fair 7/2 Green-TX) That's the way to keep fit! rfb.
 9475 0230 R. Cairo: Eng country (exc 7/13 Smith-MA); (good 0308 7/2 Wickett-MD)
 9645 0200 R. Cairo: Eng nx (fair 7/8 Stephenson-CA)
 9805 2215 R. Cairo: Eng w/ mx & talk (fair 6/28 Witkins-IL)
 15085 0159 R. Cairo: Sp w/ s/off, bells (fair 7/8 Swatkovff-ALBERTA)
 17925 0002 R. Cairo: Arabic nx, ID @ 0010 (fair 6/28 Witkins-IL)

ASCENSION ISLAND

11820 2400 BBC, Atlantic Relay: Port prgr into Sp prgr @ 0015 (fair 6/10 Snyder-CA)

BOTSWANA

3356 2030 R. Botswana: Eng ID, then mention of following programs (relig) some coming from BBC-2 Radio. Some slight RTTY QRM (good 6/24 Neumann-HOLLAND)
 4845 0435 R. Botswana: Eng & U/lang (Setswana. rfb.) prgr in lang til 0500 into Eng nx (fair/poor 6/22 Collier-NY); (poor 0445 6/27 Maher-NY)

BURUNDI

3300 2023 La Voix de la Revolution, Bujumbura: (TENT) suspected sta here though definite ID difficult to catch. French talks main fair. Frequent CW QRM (poor 6/24 Neumann-HOLLAND)

CANARY ISLANDS

11800 0250 RNE, Atlantic Relay: Sp w/ mx, ID & nx @ 0303 (exc 7/6 Swatkovff-ALBERTA); (fair 0400 6/11 Warren-CA); (fair 0415 6/12 Cleveland-CA); (good 0415 6/22 Stephenson-CA)
 15365 0250 RNE: Sp w/ opera (good 6/28 Bye-PA); (fair 0310 7/1 Trautschold-WI); (good 6/27 Shaw-PA)

CAPE VERDE ISLANDS

3930 2240 Radio Clube Cabo Verde: Port mx prgr, Ham QRM (poor 6/28 Neumann-HOLLAND)

CENTRAL AFRICAN REPUBLIC

5035 2240 Radiodiffusion Nationale Centrafricaine: Fr talks, mx (fair 6/15 Dreat-IL); (on 5038 @ 0955 fair 6/23 Zilmer-MA)

CONGO, PEOPLE'S REPUBLIC OF THE

3232.5v2230 Radiodiffusion Television Congolaise: Fr prgr, drum IS, ID as "Ici la Radiodiffusion Television Congolaise, La Voix de la Revolution" some days operating on 3233, off nominal 3232 fq // 4765 v good reception (fair/good 7/9 Neumann-HOLLAND)
 4765 0548 RTVC: Fr w/ afro mx (poor 7/3 Nikolich-IL)
 6115 0552 RTVC: Fr w/ afro mx (fair 7/3 Nikolich-IL)
 15190 2045 RTVC: Fr w/ nx (fair 6/19 Gavaras-MN)

EQUATORIAL GUINEA

4926 1933 R. Bata: Sp w/ lengthy talks, no mx, QRM de RCM 4925 (poor 6/28 Neumann-HOLLAND)

ETHIOPIA

15190 1425 ETLF: Eng w/ mx (poor 7/4 Zilmer-WI)

GABON

3300 2258 Radiodiffusion Television Gabonaise, Libreville: Fr prgr & lively drums, ID simply as "Radio Libreville", into s/off @ 2300 exactly (fair 7/9 Neumann-HOLLAND)

4777 0500 RTW Gabonaise: Fr talks (fair 6/23 Nikolich-IL)

GAMBIA

4820 0631 R. Gambia: Eng s/on into chant (fair 6/22 Collier-NY)

GHANA

4915 0610 Ghana Broadcasting Corporation: Eng w/ nx into u/lang @ 0615 (poor 7/1 Snyder-CA);(fair 2250 7/9 Slade-MA)

9545 0210 GBC: Eng nx into s/off w/ ID & freqs (poor 7/7 Lanoue-MA)

GUINEA, REPUBLIC OF

4910 0643 Radiodiffusion Nationale: Fr w/ soft mx under R. HIN (poor 6/30 Nikolich-IL);(poor 0649 6/30 Draut-IL)

9650 2255 Rdif Nationale: Fr ID w/ soft mx (fair 6/8 Gavaras-MN);(fair 2395 6/30 Zilmer-WI)

IVORY COAST

4940 0630 Radiodiffusion Television Ivoirienne: Fr w/ mx til f/out 0710 (poor 7/1 Snyder-CA);(poor 2255 7/9 Smith-MA)

11920 2314 RTVI: Fr w/ native mx and rock n' roll, nx 2355, s/off w/ anthem 2400 (fair 6/11 Cleveland-CA)

LIBERIA

3227 2150 ELWA: Vernaculars & regional mx, hvy RTTY QRM (poor 7/2 Neumann-HOLLAND)

7195 2350 VOA, Monrovia: Eng w/ jazz prgr, s/off w/ Monrovia ID (good 6/25 Lanoue-MA)

11925 0326 VOA: Eng w/ "African Safari" (good 6/27 Wickett-MD)

MALAGASY REPUBLIC

3232 2157 R. Malagache: Malagache prgr suggesting new or extended sked, heard this date only (v weak 7/2 Neumann-HOLLAND)

11730 2017 R. Nederland: Fr w/ nx & mx (good/fair 6/17 Trzaskus-IL);(fair 1900 in Eng 7/4 Zilmer-WI)

15320 1100 R. Nederland: Eng w/ "Spotlight" (poor 6/29 Zilmer-WI)

MALAWI

3380 0350 Malawi Broadcasting Corporation: Chichewa & Eng, Eng rel prgr to 0400 into Chichewa prgr after ID (fair 6/10 Gavaras-MN)

MALI

5995 2300 R. Mali: Fr w/ mx, vern & Eng records (fair 6/30 Zilmer-WI); (fair 2230 6/21 Maher-NY)

MOROCCO

11735 0359 VOA, Tangier: U/lang prgr, Eng ID, then R. Peace and Progress s/on (fair 7/10 Witkins-IL)

15310 0259 VOA: Russ prgr preceded by Eng ID (poor 6/29 Witkins-IL)

MOZAMBIQUE

3210 2004 Radio Clube de Mocambique: Port w/ nx, 2010 Eng intro to mx prgr w/ "5, 4, 3, 2, 1, ignition" (fair 6/26 Neumann-HOLLAND)

3218 2220 RCM: (TENT): Suspected sta here according to DSWCI Band Survey is 250 w RCM sta at Quekinane, Port pop mx prgr (weak 7/9 Neumann-HOLLAND)

4925 0500 RCM: Port w/ TC's & talks (poor 6/21 Draut-IL);(good 0522 6/23 Nikolich-IL)

NIGERIA

3204 2135 Nigerian Broadcasting Corporation, Ibadan: HS w/ regional mx in vern (poor 7/2 Neumann-HOLLAND)

4990 0528 NBC, Lagos: Eng ID into local lang & mx (v good 6/23 Nikolich-IL)

11898 1821 Voice of Nigeria (NBC): Eng w/ afro mx, nx 1830 (Eng 1800-1930) (fair 7/4 Miller-OH) I presumed this is a measured freq, if so please indicate. rfb.

11900 0605 VON: Eng w/ nx, commtry (fair 6/26 Castello-CA);(poor 7/4 Bye-PA)

11925 0600 VON: Eng nx & mx (poor 6/23 Warren-CA);(fair 7/9 Witkins-IL)

15182 0600 VON: Eng w/ drum IS, ID, nx (fair 6/22 Witkins-IL) See note above. rfb.

RWANDA

9700 0045 Deutsche Welle, Kigali: Ger w/ talks, s/off 0110 // 9735 (fair 7/2 Snyder-CA)

15380 2030 DW: Ger nx (good 7/2 Stephenson-CA)

SENEGAL

4890 2245 Radiodiffusion du Senegal: Fr w/ country (fair 7/9 Slade-MA)
7210 0700 R. Senegal: Fr prgr (poor 6/29 Eichenhorn-MI);(exc 0703 6/30 Nikolich-IL);(good 6/30 0705 Draut-IL);(good 0745 7/12 Green-TX)

SOUTH AFRICA

3250 0330 SABC: Eng & vern w/ mx & nx (fair 6/23 Shaw-PA);(fair 0430 6/14 Cleveland-CA)
3285 0355 SABC: Eng mx, ID (poor 6/24 Lanoue-MA);(poor 0424 6/14 Cleveland-CA);(fair 0430 6/23 Shaw-PA);(hrd on 3285.5 off nominal freq fair 2035 6/26 Neumann-HOLLAND)
3997 0350 SABC: Afrikaans & Eng w/ talks & ads in both lang (poor 7/4 Miller-OH);(poor 0050 7/8 Trautschold-WI)
6000 2330 RSA: Eng nx to NA replaces 11970 (poor 6/30 Zilmer-WI);(fair 0045 7/4 Shaw-FA);(fair 2340 7/12 Seymour-NC)
9625 2301 RSA: Eng w/ ID, mx, talk (good 6/26 Smith-NY)
9695 0115 RSA: Eng prgr (good 6/27 Shaw-PA)
11900 0515 RSA: Eng s/on into Afrikaans prgr (good 6/14 Castello-CA)
15220 0544 RSA: Eng w/ nx (fair 6/22 Watkins-IL);(poor 0850 6/10 Snyder-CA)
21535 1505 RSA: Eng nx (good 6/27 Cleveland-CA)

TOGO

5047 0527 Radiodiffusion du Togo: Fr w/ s/on IS, mx, ID, more mx (good 6/7 Gavaras-MN);(fair 0529 6/17 Snyder-CA);(fair 0945 6/23 Zilmer-WI)

ZAIRE

15245 2045 La Voix du Zaire: Fr prgr w/ mx (good 7/8 Seymour-NC)

ZAMBIA

3346 0431 Zambia Broadcasting Service: Eng w/ afro mx, ID (fair 6/22 Collier-NY)

-CLANDISTINE-

CLANDISTINE

6250 1030 World Music Radio: Eng & Dutch w/ pop mx, sked Sundays 0900-1500 (weak ??? Calkin-SPAIN)
7300 0652 R. Libertacao: port w/ v strong drum IS, s/on 0700, ID, into mx (strong 6/22 Collier-NY);(poor 0750 6/27 Green-TX)
12140 2100 R. Espana Independiente: sp w/ political talks, mx, ID @ 2100 (fair 6/13 Collier-NY)

-UNIDENTIFIED-

UNIDENTIFIED

9825a 0040 Piano IS, s/on in Arabic? EBC? (good 6/27 Trzaskus-IL)
9850 0230 Arabic? w/ chanting, mx, talk, possibly nx, no ID's, possibly Cairo thou not in current sked (poor 6/17 Trautschold-WI) Might be one and the same with other unid? rfb.

Europe/Africa Roundup

First off, thanks to all the new reporters to this column. A reminder that you should be sure that your loggings are not too out of date. This month there were a few that were way too old. In the future do not send any loggings that are more than 4 days before the previous month's deadline. Thus we can assure you of the most up-to-date news you can get. Also! Be sure to get in a supply of reporting forms. Believe me, they make the job a whole lot easier to do. You can get your forms from SPEEDX HQ, send an 8¢ SASE for eight forms and ten forms more for each additional 8¢ postage. And don't forget to specify what forms you would like.

SIO Codes or what?: As some of you may have noticed, SIO codes are somewhat lacking in this column. 'S matter of fact, they are non-existent. I myself prefer the old form of excellent, good, etc., but in the name of consistency I'll do the following: Beginning with the next issue I'll use SIO codes if the loggings include same. Then after an issue or two it will be clear which form reporters like. When it is, we'll make a whole hearted switch



to that form. So use the form you like best, o-kay?

New to SPEEDX, huh?: If you are a new member to SPEEDX, especially if you are somewhat new to DX'ing and even SWL'ing, I'd like to hear from you and if you just happen to have some loggings why not send a report, too? And if you have any gripes or good criticism, please, send it along. We're here to help you and if you are not getting the best how can we improve if you don't tell us.

Even if you have nothing to report, drop me a note so that I can get a better idea of "what's happening" and be better able to improve this column.

Malagasy Republic - Radio Nederland: R. Nederland, Talata, has added 7205 kHz and dropped 11840 kHz for the time period 0030-0150 English xmsn to Southeast Asia. Effective 15 July. Also, R. Nederland now uses 15195 kHz replacing 21480 for the time period 1230-1350 Dutch xmsn.

(Neumann-HOLLAND)

Central African Republic - Rdif Nationale Centrafricaine: A recent sked from Rdif Nationale, Bangui, shows seven-days-a-week operation from 0430-2300 on 5035 and 7220. Form letter indicates that QSL cards are currently out of print.

(Neumann-HOLLAND)

Libya - Libyan Broadcasting & Television Service: Two new 100 kw shortwave xmtrs will be built by this station at Shabah.

(World-Wide DX Club)

Togo - Radiodiffusion du Togo: Two new shortwave xmtrs will also be built by this station to improve reception to the interior of the country. Construction will start in July and powers will be 10 and 50 kw.

(World-Wide DX Club)

Blagoveshchensk is a nice place to visit but ...: Are you having trouble trying nab down xmtr sites for R. Moscow and its associated radio stations in the U.S.S.R. If you are, then keep your eyes on this column for a special feature soon!

In the meantime, if you've received verifications from R. Moscow, R. Kiev, etc., whether sites are specified on them or not, send your info to David Simon, 263 Ashley Drive, Rochester, New York, 14620. Dave's preparing a small booklet on R. Moscow xmtr sites. Help him out if you can.

A set-back for pirate stations: The Dutch government has moved to end so-called pirate broadcasting from International Waters off the coast of Holland, by eliminating loopholes that allows the pirate broadcasters to receive land based support. Thus the three major International Waters broadcasters are indeed in trouble; Radio Nordsea International, Radio Veronica, and Radio Caroline (MW only). Radio Veronica and the Dutch department of Radio Nordsee International might possibly continue with broadcasts over Nederlandse Omroep Stichting (NOS - Dutch Radio) as soon as laws come into effect preventing outside help.

R. Veronica and RNI will only be able to get limited broadcasting space, however. Also, the Swiss department of RNI has recently dissolved its Zurich offices recently and moved to Panama City, after Switzerland ratified the Strasbourg treaty. The owners of RNI may tow the Mebo II to the Mediterranean and start commercial broadcasts to Italy from off the Italian coast if the Dutch law goes into effect. (Neumann-HOLLAND & WDXC)

Abbreviations list: If you don't have one, why not send a SASE to SPEEDX HQ for one.

Where the ?g**% is my page 72 of my WRTH?: Jumpin' Alan Brooks was right, they aren't making them like they used to, my WRTH is falling apart, literally. What's a DX'er to do nowadays.

That's it for now ... 'til next month 73's Bob

ASIA-OCEANIA

editor
Don Johnson
P. O. Box E
Elsinore CA
92330 USA



Frequencies in khz

Deadline: Here by 15th

Times in GMT

A few notes before we get into this months loggings, which include many 90 m band stations, proving that summer DX is not all that bad. Thanks to the many who are now using the SIO quality code in their reports. A 3 is easier for me to spell than a fair. Hi!

Loggings credited to Bundy, Bundy/Johnson, and Johnson/Bundy this month were made during Bob's recent 8 day stay at the Elsinore DX Oasis, here in South-western California. Two SPR-4's (his & mine), an SX -190, a variety of antenna hook ups, and lots of root beer, made for a very enjoyable DX time.

The first Sunday or Monday in September will mean changes in many frequencies for most broadcasters. Check these changes out during first week in Sept. & send in what you find for next issue. Loggings made between the 4th & 10th of Sept. will be most useful to other DXers looking for 'lost stations'.

*= s/on & s/off times of a program or language. a= approximate frequency. t= tentative logging. m= measured frequency. v= variable frequency. These few abbreviations save much space while providing more useful information.

A S I A

AFGHANISTAN

11785 *1800 R Afghanistan, Kabul: Eng nx & cmtry (--3 6/12 Fay MA)
15265 *1800 RA: Eng nx, cmtry, mx to 1830* (444 6/25 Nikolich IL) same pgm details (--3 6/25 Draut IL) beamed to Europe (exc date? Calkin SPAIN) Gregg, your name & Qth on each item would be helpful..dj

BANGLADESH

9521v *2100 R Bangladesh, Dacca: this is new Eng service first noted 6/29 w/vy weak signals. Later ID'ed via BBCMS. Announced freq is 9495 (not heard) (131 6/29+ Bundy/Johnson CA)
11650 1700 RB: Hindi has replaced Eng at this time. However, this freq has replaced 9690 for 0230 Eng BC in //15520.....dj
Dacca heard by: (253 6/7 Gavaras MN)(222 7/7 Leistner CA)(252 6/4 Jessen OR)(--2 6/26 Warren CA)..all at 1700 time block.....
15455 *1230 RB: Eng nx, cmtry (333 6/23 Nikolich IL)(342 7/7 Zilmer WI)
17690 *1230 RB: Eng pgm w/tx troubles (on & off) (--3 7/11 Fay MA)

BRUNEI

7215 1430 R Brunei: Eng ID & s/off (222 6/6 Jessen OR) YL tks in Chinese at 0857, mx at 0900 (presumed ID) (--2 7/1 Bundy CA)

BURMA

4725 1215 BBS, Rangoon: lang, Burmese ID, mx & tks (242 7/4 Snyder CA)
5040 1103 BBS: lang w/mx "still heard ECNA" (weak 6/15 Fay MA)

LOG REPORT FORMS ARE NOW AVAILABLE FROM SPEEDX HQS FOR A 8c or 16c SASE * * *

CHINA PEOPLES REPUBLIC

3200 1125 Fukien Front: Chi,nice mx, OM tks, cmtry (322 6/25 Leistner CA)
 3535 1309 Fukien Front: Chinese program, many //s (6/28 Bundy CA)
 4882 1254 R Peking:"International" end Mongolian pgm 1200-1255(Bundy CA)
 5950 0950 Heilungkiang Provincial Station at Harbin (Manchuria): t/i end Kor pgm, ID's in Chi 0953, 0955 as "Heilungkiang Jenmin Kwangpo Tientai", 1000 time pips & local ID(--3 7/2 Johnson/Bundy CA)
 7050 1200a Sinkiang Provincial Station (Urumchi): OM w/weak Mongolian-like talks, barely audible (7/4 Bundy CA)
 9504 1350 R Peking: YL w/ID "Govorit Pekin" in Chi (544 6/28 Bundy CA)
 9860 1515 RP: Eng nx report, UTE QRM (433 6/15 Cleveland CA)
 9965 2035 RP: Eng w/world news(poor 6/6 Stephenson CA)
 15030 *1400 RP: Eng nx to So Asia (--3 7/6 Fay VT)...no...thats not a typo or new reporter...Jon sent some reports from his vacation trip. A good idea!..(1720 in Chinese 252 7/5 Jessen OR)
 15060 0405 RP:Eng nx(343 7/4 Cleveland CA)(252 6/24 Jessen OR)
 15095 2355 RP: 2359* Spanish pgm(fair 6/26 Miller OH)in Chi at 0420 w/mx (454 6/24) Eng 1710 w/nx (353 6/23 Jessen OR)
 15350m *0730 RP: Chi w/cmtry by YL/OM (poor 6/29 Trubee HI)...thats Hawaii...
 15385 0300 RP: Eng nx, cmtry, mx (242+ 6/11 Warren CA) Chinese at 1520 with US mx, ENGLISH lang lesson to 1600 ".must be some significance of a sociological nature here!" (454 6/18 Cleveland CA) ..seams to be almost daily too.....dj
 15520 2300 RP: Spanish pgm, ID into newscast (444 6/28 Shaw PA)
 15590 1520 RP HSl: Chinese with an opera (253 7/6 Green TX)..whoopie....dj
 17605m 0610 RP: Chi w/high pitched tk by YL (fair 6/29 Trubee HI)
 17650 0447 RP: Chi w/modern Chinese music (454 6/25 Jessen OR)
 17675 0000 RP: English w/nx & cmtry (343 6/26 Zilmer WI)0016 in Eng with tks on mid-east, then music (222 6/28 Witkins IL)
 17735 0145 RP: Spanish w/mx, ID at 0156 (343 6/27 Witkins IL)
 17855 0100 RP:Eng nx(232 6/27 Witkins IL)(0445 v-gd 6/24 Trubee HI)

CHINA TAIWAN

7215 1034 AFNT: Eng, ID "this is American Forces Radio, Taiwan",then nx"dominating frequency"..(232 7/3 Bundy CA)
 9765 1825 VOFC: Eng cmtry, QRM & poor signals (7/2 Fay VT)
 11860 1800 VOFC: English news & cmtry (242 7/4 Warren CA)
 15345 0245 VOFC: Eng tks & mx, ..."muffled sound w/poor audio, every time I hear VOFC here..." (352 7/7 Warren CA)anybody else notice???

CYPRUS

11955 0300 BBC Limassol: Eng w/ World Service nx. "This one thanks to Bob Zilmer tip in SPEEDX-GRAM" (322 6/26 Lanoue MA)..atta way...dj
 15420 2030 BBC:Eng nx.//9410/7120 sign off (242 7/4 Snyder CA)

INDIA

9912 2020 AIR Delhi:GOS w/cmtry on Agri Univ (strong 6/23 Calkin SPAIN)
 11710 2300 AIR: Eng nx,local mx in GOS to SEA (422 7/1 Zilmer WI)
 11945 1550 AIR: Swahili, mx, tks to 1600 ID (322 6/16 Snyder CA)
 15080 1750 AIR: Hindi, w/mx & YL tks. (242 6/23 Jessen OR)

INDONESIA

Bundy CA)

3204 1305 RRI Bandung,Jave:Indo,nx. Also Jakarta relay at 1200 (6/28
 3223 1200 RRI Mataram:Jakarta nx relay in Indo (322 6/29 Bundy CA)
 3241.5 1305 RRI Ambon:(presumed)OM w/Indo newscast (232 6/28 Bundy CA)
 3250t 1300 RRI Bandjarmasin: RRI IS ending 1300 into Jakarta news relay. barely audible other days (332 6/28 Bundy CA)
 3905 1242 RRI Jayapura, West Irian: Indo mx, tks, under ARO's; noted as early as 0830 w/extreme QRM de ARO (222 6/29 Bundy CA)
 4066.5 0836 RRI Merauke:Indo mx,tks (242 7/2 Johnson/Bundy CA)
 4753t 0840 RRI Makasar:lang w/local tunes but no ID(222 6/30 Nikolich IL)

INDONESIA (cont)

- 4855 1105 RRI Palembang: Moslem-like mx, Indo tks, oldies "Bicycle Built For Two" ect, ID's Inilah Radio Republic Indonesia Palembang. (243 7/2 Johnson/Bundy CA)
- 4871 0845 RRI Sorong: Indo w/C&W mx, ID (243 7/2 Bundy/Johnson CA)
- 5045 0906 RRI Merauke: barely audible w/relay of regional nx from Jayapura(ID via prev log.)/6070 (1-1 7/2 Bundy/Johnson CA)
- 5987 0919 RRI Menado: Indo w/C&W mx,het5990(343 7/2 Johnson/Bundy CA)
- 6045 1306 RRI Jakarta: t/i Indonesian news (344 7/4 Bundy CA) native mx, tks at 1350, ID, more mx (333 6/19 Cleveland CA)
- 7139 0910 RRI Ambon:Indo nx, 0912 ID "Inilah RRI Ambon"(343 Bundy CA)
- 7165½ *0755 RRI Jayapura: ID"I RRI Studio Jayapura"(243 7/2 DJ/Bundy CA)
- 11713½ *1100 VOI Jakarta: Eng s/on, nx 1113-1127, QRM 11710 (423 7/5 Green TX)YL Eng ID & Indo mx 1101 (232 7/2 Bundy/Johnson CA)

JAPAN

- 3259 1121 NHK Sendai: Jap w/ sports event.QRM de 3260 (243 7/3 Bundy CA)
- 3377t 1228 NHK Osaka: OM w/Jap talks. UTE QRM (322 6/29 Bundy CA)
- 3910 0956 FEN Tokyo: OM w/English cmtry (343 7/3 Bundy CA)
- 3925t 0930 NSB Sapporo: soft MOR mx, Eng? (212 7/2 Nikolich IL)
- 6010 1455 VOA Okinawa: Eng IS & ID (252 6/6 Jessen OR) The Now Sound in Eng at 1440 (343 6/18 Cleveland CA)
- 6155 1110 FEN: Eng mx, spots(gd 7/3 Mappin WA)(443 1400 6/13 Cleveland CA)
- 9655 0930 NHK HS: Eng lesson & talks to 1000 (good 6/21 Castello CA)
- 9675 *1045 NHK: Eng nx, cmtry.1115* (332 6/22 Zilmer WI)in Indonesian at 1145 w/pgm details, ancmts, mx (343 7/4 Snyder CA)
- 9705 1020 NHK: YL tks in Chinese, //7195 (333 7/4 Green TX)
- 11780 *0930 NHK: Jap? w/IS, ID, then music (252 6/16 Hambright NJ)
- 11815 1510 NHK: Eng tks on agri products (433 6/18 Cleveland CA)
- 11965 1340 NHK: Jap w/YL & OM talks, music (232 6/27 Eichenhorn MI)
- 17745 0240 NHK: Eng/? comments by YL (poor 7/4 Britton FL)
- 17825 0817 NHK: Eng to 0830 Italian, Tokyo report (433 6/23 Leistner CA) s.on at 2345 in English w/news (Smith NY)
- 21570m 0645 NHK: Eng/Fr/Ger w/nx, cmtry, mx (good 6/28 Trubee HI)

KHMER REP

- 4907t 1330 Phnom Penh: lang w/OM & YL tks, mx (242 7/4 Snyder CA)

KOREA NORTH

- 3015t 1158 R Pyongyang: Japanese talks at t/i (6/29 Bundy CA)
- 3320 1222 KCBS HS: Korean talks,assumed ID (344 6/29 Bundy CA)
- 6580 1925 R Pyongyang: English cmtry. (good level Calkin SPAIN)
- 9515 1345 RP: Eng tks by YL on UN, US, Peace,ect(433 6/27 Cleveland CA)
- 15148 0820 RP: Eng w/new OM tks, 0825 usual YL tks, followed by music, bad fading(243 7/4 Johnson/Bundy CA) in Korean 0458 on 15150 w/ national Anthem & sign off (454 6/24 Jessen OR)

KOREA SOUTH

- 9640 0900 R Korea: Eng nx & cmtry (fr 6/21 Castello CA)
- 15335 1415 R Korea: Eng w/ "Melodies of Korea" to 1429*. QRM de AFRTS 15330. Better on USB(333 6/27 Cleveland CA)



Korean Broadcasting System
 # 8, YEJANG-DONG, JUNG-GU
 SEOUL, KOREA

KUWAIT

- 15415 *1630 R Kuwait: Eng w/clairnet IS (aint it a flute...dj)into pgm (222 6/23 Bye PA)*1630 into pop mx, splash via VOA 15410 (322 7/4 Snyder CA)1820 Eng w/"Science Journal" (exc Calkin SPAIN) 1830 "Echoes from Woodstock" (good 6/30 Seymour NC)mx & talks at 1840 in English (353 7/2 Grishin ONT)

LEBANON

- 11790 *0230 R Lebanon, Beirut: English to NA (433 6/29 Lanoue MA) (423 6/27 Bye PA) (423 6/27 Hambright NJ) (good 7/4 Britton FL)
- 15200 *1830 RL: Eng to Europe 1900* good level (Calkin SPAIN)..date?.....dj

MALAYSIA

4845 1045 R Malaysia: Chi(WRTH) mx, tks. (poor 6/30 Collier NY)
 6065 1408 BBC Tebrau: Viet mx, English lang lesson. Eng ID, severe het (433 6/29 Cleveland CA)
 9580 1425 BBC Tebrau: Viet(WRTH) w/news? (454 6/20 Cleveland CA)
 9665 1130 RM: Eng/Malay, tks, mx, by YL (232 7/4 Snyder CA)
 11750 1500 BBC: Eng, tks on money problems//9740/6195 (454 6/13 Cleveland CA)
 11900 0730 VOM: Eng nx, music. QRM de jammers(222 7/2 Bundy/Johnson CA)
 11910 1630 BBC: Hindi/Eng w/lang lesson (433 6/13 Snyder CA)

PAKISTAN

11672v *1745 R Pakistan: IS, into English news (--4 6/15 Fay MA) Eng at 2000 (353 6/15 Gavaras MI) ditto..(342 7/4 Zilmer WI) (pr w/5 min nx 7/5 Draut IL)(222 2023 7/4 Nikolich IL) at 2100 in language w/ Indo music, YL tks to 2115* (333 7/6 Shaw PA)
 17845 1300 RP: Eng nx by OM, mx at 1310 (222 7/4 Bye PA)
 17935 1530 RP: Eng, IS, slow-news by YL(--3 7/4 Seymour NC) on 17937 at *0200 in lang w/Eng ID, then talks (343 6/23 Witkins IL)

PHILIPPINES

6170 1000 Philippine BC Service: Eng/Phil, Pgm "Music to Sunset", Phil lang at 1000 (332 7/1 Snyder CA)..do you mean bi-lingual?..dj
 7205 1530 VOA: Indo w/old US music to 1530* (343 6/16 Snyder CA)
 9580v 1740 V of Philippines: Eng pgm about Philippines (--2 6/15 Fay MA) "Philippine Travelog" 1715 (333 6/16 Cleveland CA) mailbag 1935 (454 6/26 Warren CA) still variable frequency.....dj
 9630 1700* VOA: end of English program (343 6/21 Jessen OR)
 9715 1350 Far East BC Corp: Jap w/light music, tks (444 7/5 Cleveland CA)
 9760 1345 VOA: Eng, interview Debbie Reynolds (454 6/29 Cleveland CA)
 11855 1220 FEBC: Thai?, Rel talks & music (poor/fair 6/4 Miller OH)
 11930 1515 VOA: Indo(WRTH) soft mx, ID 1528 (444 6/25 Cleveland CA)
 15110 0540 AFRTS: English newscast. New Zealand QRM(222 6/30 Jessen OR)
 15430m 0050 FEBC: Eng Rel pgm. New frequency (good 6/22 Trubee HI)
 21515m 0510 FEBC: English Religious program (fair 6/24 Trubee HI)

R.S.F.S.R. ASIAN

6175 1350 R Moscow: Russ cl mx, Mayak IS(454 6/28 Cleveland CA) Vinnitsa?...
 7220 1700 RM: Chi in home service. Chita(WRTH)(232 6/25 Jessen OR)...I have Vladivostok listed here...??.....dj
 9375 1445 RM: Russ w/'toe tappin mx', Mayak IS 1459 into nx. Unlist freq. (454 6/15 Cleveland CA)...I have Khabarovsk.....dj
 15180m 0605 RM: Eng nx, cmtry(fr 6/24 Trubee HI)..Petropavlovsk??.....dj
 15245 0340 RM: Eng nx(332 6/30 Cleveland CA) FBIS shows European Qth...dj

SABAH

4970 1400 R Malaysia, Sabah: Eng nx, //5980 (332 6/14 Cleveland CA) same details(242 7/4 Snyder CA)
 5980t 1130 RM: Eng mx to 1146 f/out(pr-fr 6/30 Collier NY) at 1353 w/US pop. stds mx(333 6/22 Cleveland CA)(252 1420 7/2 Jessen OR)

SARAWAK

4950 1350 R Malaysia Sarawak: Malay, pop mx, ID 1400 (343 6/3 Jessen OR) Eng news at 1358, following ID (343 6/20 Cleveland CA)
 5030 1411 RM: Bidayuh (WRTH) talks, maybe news (343 6/20 Cleveland CA)
 6170 1200 RM: Eng 1230* followed by Chinese(232 6/16 Snyder CA)??new??..dj

SINGAPORE

5051 1340 R Singapore: Eng nx, ID, music (333 7/4 Snyder CA)
 11940 1430 RS: Eng w/tks on social problems(gd 6/20 Stephenson CA) same pgm details at 1435 (333 6/20 Cleveland CA)

I KNOW YOU BELIEVE YOU UNDERSTAND WHAT YOU THINK I SAID, BUT I AM NOT SURE YOU REALIZE THAT WHAT YOU HEARD IS NOT WHAT I MEANT! I THINK. * * * * *



SYRIA

9655 2030 Damascus: Eng nx,mx "Rare Earth" ect. (--4 6/11 Fay MA)
 15165 2315 RD:Sp tks, ID, Arabic mx, better at 0000 (333 6/28 Shaw PA)
 15290 0255 RD: lang pgm w/ ID and talks (342 7/4 Zilmer WI)

THAILAND

7108 1321 Thai TV Co:Thai tks, "better then on Truk" (233 7/4 Bundy CA)
 9654 1013 R Thailand: weak, under Moscow 9655 (useless 7/2 DJ/Bundy CA)
 11905 1035 RT: Eng nx. //9654 v pr (222 7/2 Johnson/Bundy CA)

TIMOR

3668 1310 Emissora de Radiodifusao de Timor Portuguese, Dili: Port vocals & talks (232 6/28 Bundy CA)(1133-1145 433 6/17 Kamp CA)

UZBEK

11925 1203 R Tashkent: English news & cmtry (fair 6/24 Miller OH)

VIETNAM NORTH

7039.3 1210 Voice of Vietnam(presumed):Viet talks //10120 but not in // with 7102/10060 (233 7/4 Bundy CA)
 7102 1223 VOV HS: Viet w/melancholy songs, QRM via USSR 7100. This was /10060 didn't check this time...(253 6/28 Bundy CA) CA)
 10039v 1018 VOV:Eng cmtry (252 6/16 Hambright NJ)(333 1530 6/20 Cleveland
 15012v *1800 VOV: Eng nx & cmtry. //10040v (343 7/7 Johnson CA) (342 6/26 Cleveland CA) (353 6/23 Jessen OR)...to 1830*.....dj

VIETNAM SOUTH

4877 1253 VTVN: melancholy Viet songs (Bundy CA)(343 6/16 Snyder CA)
 7177.5 1220 Vo Tuyen Vietnam, Saigon: YL w/Viet tks. //6165/9620...noted fading in about 0850 7/1 (fair 6/28 Bundy CA)
 7245 1035 VTVN: Eng Rel tunes, Viet talks (fair 7/3 Bundy CA)
 9620 1545 VTVN: Viet w/two interval signals, pips 1559 into ID & news. QRMed out 1600 via Peking s/on (444 6/4 Kamp CA)

CLANDESTINE

4560 1200a Voice for Reunification(presumed):North Korean Qth, Korean mx and tks. UTE QRM (222 7/4 Bundy CA)
 4658 1228 Voice of Pathet Lao: Laotian vocals/chants, ID(7/4 Bundy CA)
 4700.5 1225 Espionage, believed North Korea Qth: YL Kor dictation, still here 1235(333 7/4 Bundy CA) Bob notes "a curious station..signs on at 1200 w/Asian tune...Never noted // w/any of Korean dictations frequently heard on KCBS HS outlets"... ..
 15790 *1245 Voice of Malayan Revolution: Malay(presumed lang) w/½ hr bio of communist lit, many Eng & Sp titles and addresses spelled out. (253 7/12 Green TX)

AUSTRALIA

4920 1100 VLM4 Brisbane:Eng(Patterson GA) (Mappin WA)..fr-gd reception...
 5995 0900 RA:Eng pgms.heard by:(Witkins IL)(Grishin ONT) fair-good...
 9580 1100 RA:Eng w/ gd recpt(Trzaskus IL) (Vockeroth PA)
 9610 1015 VLV9 Perth:Eng pgms noted between 1015-1300 w/fr-good results. Trzaskus IL) (Grishin ONT) (Shaw PA) (Draut IL)
 9695 1145 RA: lang pgms. Shift from 9690 (312 7/4 Green TX) at 1245 in language w/ ID, tks & mx. Unlisted freq(443 7/8 Zilmer WI)
 11740 1100 RA:Eng nx to SEA(443 6/23 Zilmer WI)(433 6/23 Eichenhorn MI)
 11840 1800 RA:Eng to mid-pacific(pr 6/25 Fay MA)(443 6/14 Cleveland CA)
 12190 0605 RA CF July:Pt-to pt relay, Lynd. to Darwin. Via Bob Bundy...dj
 15160 0230+ RA:Eng nx & mx to Pac Isles heard by these sharp eared OM's.... (332 Zilmer WI)(443 Cleveland CA)(433 Warren CA)(332 Witkins IL) (555(wow) Jessen OR)and....last but not least our YL braved 95° heat in Chicago to send it in(Trzaskus IL, fr-pr)110° in Elsinore
 17795 2205 RA:Eng(232 Smith NY)(444 Lovell KY)(gd Yajko PA)to past 0443....
 17820 *0330 RA:Eng to Af(Zilmer WI)(Lovell KY)(Britton FL)(Smith NY).....

NEW CALDONIA

- 3355 1004 ORTF Noumea: Fr pgm of 'blues'(453 7/8 Hambright NJ)(Bundy CA)
- 7170 0705 Noumea:Fr nx, ID, rock mx(343 6/30 Nikolich IL)(0719 mx w/QRM VOA at 0730 fr 6/30 Draut IL)(0800 mx 222 6/7 Gavaras MI 11710)
- 11710 0630 Noumea:Fr past 1039,all poor receipt(Zilmer WI)(Hanbright NJ) Eichenhorn MI)(Trubee HI)(Warren CA)(Fay MA) (Johnson CA)

PAPUA / NEW GUINEA

- 3220 1107 R Morobe:Pid/Eng C&W/top 40 mx, chimes & nx 1130(222 6/17 Kamp CA)(f/in 0800 w/Isl mx & Pidgin tks 342 7/1 Bundy CA)
- 3245 1301 R Kerema:t/i at s/off ID's GSTQ in Pid/Eng(243 6/28 Bundy CA)
- 3260 1140 R Madang:Eng/Pid mx & songs,ID,cmtry by YL(322 6/25 Leistner CA) Lou & Elinore report a fast QSL for this 2KW station.....dj
- 3360 0928 R Milne Bay: Pidgin news, ID, tentative Pidgin weather report. (Kamp CA 423 6/21)maybe they only have tentative weather....dj 0945 in Eng w/Isl mx (251 7/5 Hambright NJ)
- 3385 0935 R Rabaul:Eng/Pid mx, ID,tk to 1103*(433 6/25 Leistner CA)



SOLOMON ISLANDS

- 3995 0941 SIBS: Eng, semi-cl music (151 6/26 Hambright NJ)0705 f/i,Isl mx,no//9545per SCDX(pr 7/2 Johnson/Bundy CA)

TAHITI

- 11825 0300 R Tahiti: Everybodys favorite E-Z listening station. In Fr/Tah w/mx & tks to past0657 (gd Draut IL)(gd Shaw PA)(223 Bye PA)
- 15170 0330 R Tahiti:same details as above noted by these "DXers with good taste" (fr 6/12 Stephenson CA)(extra strong 6/28 Mappin WA) (333 6/24 Jessen OR)(343 6/12 Cleveland CA)(gd 7/4 Miller OH) West coast SWLs report hearing AM BC 1600-2000 including 10min of Eng nx at 1745.....ooops....can't forget our SPEEDX-GRAM editor (555(?) 6/24 Trautschold WI) sorry John.....dj

NOTE: Please check previous issue of SPEEDX for stations and/or countries that are missing from this months A/O. I would like to thank the 41 DX'ers who made this months column possible. THANKS!! And keep'em comin'. Serge Neumann's loggings arrived to late to use (the 19th). SUPPORT SPEEDX! CONTRIBUTE!

A/O HOLIDAYS

- Aug 14 Pakistan
- 15 S Korea
- 16 Cyprus
- 17 Indonesia
- 26 Indonesia
- 28 Laos
- 31 Malaysia
- Sept 3 Qatar
- 6 Pakistan
- 11 Korea
- 14 Japan

A / O N E W S C A N

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I looked and looked
I looked everywhere,
But alas, what I sought
was just not there.
Maybe it got lost
through the P O's abuse,
It wasn't much I wanted
just some A/O DX news.
Where O where, O where
could it be,
Did you dig up A/O News
and not send it to me?



NORTH VIETMAN

Hanoi's Voice of Vietnam radio station destroyed by U S bombs last year, will be rebuilt with funds collected by the Japanese Popular Broadcasting Trade Union.(AP) thanks to the Leistners for sending this item. The VOV BC's seem to have quit shifting around so much since the cease-fire...dj

Report form in Urdu, Persian, & Vietnamese are available from NASWA's Dan Jamison for a reasonable cost. See July FRENDX for info on obtaining them.

When using SPEEDX logging report forms, PLEASE cut off unused portion to use the next month or to another editor. Entire sheets need not be sent as long as your name & address appears on the envelope. Just send # of complete loggings if its one or 94. Think happy and.....73 *Don*

Utility Chaser's Corner

ISRAEL NAVAL
AXZ STATION
KDD



ITALCABLE
ROMA
BELL SYSTEM
USA STRATCOM

PAUL MAYO
2409 OCEAN PARKWAY
BROOKLYN, NEW YORK 11235
DEADLINE: 10th OF THE MONTH

We are in the middle of moving! All regular reporters will be notified of my new address (in any case, all mail will be forwarded). This and a two week business trip are the reasons for the shortness of this month's UCC. Now on to the loggings!

North & Central America

BARBADOS: 6379.5 8PO, Bridgetown w/ld mkr @ 0633-CW (Witkins)
BERMUDA: 14360 ZFD68, C&W, St Georges w/Eng-OM/Vm @ 0434-SSB (Kamp)
CANADA: 10520 CGC6, COTC, Drummondville w/Eng-OM/Vm @ 0704-USB (Simon)
 11531 CGB3, COTC, Drummondville same @ 0810-USB (Simon)
CUBA: 14823 CML40, IRTS, Bauta w/Eng/Sp-YL/Vm @ 1550-SSB (Imbert)
 @ 1615-SSB (d'Angelo)
 18840 CML56, IRTS, Bauta w/Eng/Sp-YL/Vm @ 1915-SSB (Imbert)
GUADELOUPE: 19555 FZW96, PTT, Destrellan w/Fr-YL/Vm @ 1410-SSB exc (Pistek)
GUANTANAMO 18825m NAW, All Amer C&R w/Eng-OM/Vm @ 0108-USB (Witkins)
BAY: 18950m NAW, AACR w/Eng-OM/Vm @ 2230-SSB (Gelfand)
MARTINIQUE: 20079 FTS, Pt de France w/Fr-YL/Vm @ 2330-LSB (Witkins)
PANAMA: 9132 HPI, TRT, Panama City w/Eng/Sp-OM/Vm @ 1225-SSB (Imbert)
 @ 1242-SSB (Straumanis)
UNITED STATES: 236 "GNW", Phillipsburg, PA FAA beacon @ 1211 (Holbrook)
 269 "TII", Tiffin, OH Airport beacon @ 0723 (Holbrook)
 400 "DNN", Dalton, GA beacon @ 0204 (Holbrook)
 407 "TBR", Statesboro, GA beacon @ 0102 (Holbrook)
 2670 NMY53, CG Shark River w/CG stn @ 0034-AM (Koret)
 5870 NAM, USNAVCOMSTA, Norfolk, VA w/V mkr @ 0250-CW (Greenall)
 8735 KMI, Pt Reyes, CA w/Eng/Vm @ 0516-AM (Warren)
 10300 KQ2YH, QTH?? w/QRA mkr @ 1257-CW gd (Greenall)
 10454 VOA, Greenville, NC w/Eng/Vm & feed @ 0515-RCSSB (Gavaras)
 11230m Scott AFB, Bellville, ILL w/Mac 42 @ 2042-USB (Koret)
 120500 Mayflower (Goodyear Blimp!) to Columbus tower, OH @ 0023-AM Nice catch Bob! (Burton)

South America

ARGENTINA: 17047 LPD46, General Pacheco Rad w/V mkr @ 0220-CW (Witkins)
BOLIVIA: 7720 CPN28, La Paz w/V mkr @ 0112-CW (Burton)
BRAZIL: 11695 EMBRATEL, Rio w/Eng/Pt-OM/Vm @ 0024-SSB (Warren)
 14500a EMBRATEL, Rio w/Eng/Pt-OM/Vm @ 2350-SSB (Imbert)
CHILE: 8061.5 CCS, Santiago w/V mkr @ 0159-CW (Straumanis)
GUYANA: 10528 8RB47, C&W, Georgetown w/Eng-OM/Vm @ 2217-SSB (Greenall)
 @ 0310-SSB good (Simon)
NETH W, INDIES: 10355.5 PJU10, GRTA, Curacao w/Eng-OM/Vm @ 1112-SSB (Greenall)
URUGUAY: 10770 CXL24, PTT, Montevideo w/Sp-YL/time VM @ 0355-SSB (Pistek)

Europe - A nice catch by Bob Burton Albania!

ALBANIA: 7998 ZAZ5, PTT, Tirana w/QRA mkr @ 2355-CW (Burton)
ENGLAND: 8725a BPO, London? w/tfc @ 0015-AM (Gelfand)
 11200 West Drayton Meteo w/Eng wx @ 2212-SSB (Greenall)
FINLAND: 13189.5 OHG2, Helsinki Rad w/Eng/Pin-OM/Vm @ 2047-AM (Koret)
FRANCE: 10195a FTS, Paris w/Eng-OM/Fr/Vm @ 0340-SSB gd (Pistek)
 12140 FUB, Paris w/V mkr @ 1230-CW //12195 (Greenall)
 13873 FTN87, Obser de Paris w/time pips @ 2228-CW (Pistek)
GERMANY, FR: 5960 Lahr Military w/Eng wx @ 0217-USB (Koret)
GIBRALTAR: 13382 MLU (RAF) w/k mkr @ 1919-CW good (Greenall)
ICELAND: 9318 NRK, Keflavik (USN) w/QSA mkr @ 0236-CW (Burton)
 12175 TFJ, Reykjavik Rad w/Eng/Ice-OM/Vm @ 1200-AM (Mayer)

Don't Forget To Purchase The WUDXH, Now On Sale Trough SPEEDXTRAS!

ITALY: 8679 IQX, Trieste Rad w/V mkr @ 0419-CW (Witkins)
 12975 IQX, Trieste Rad w/V mkr @ 0344-CW (Straumanis)
POLAND: 13182.5 SPC, Gdynia Rad w/Eng/Pol-OM/Vm @ 2110-AM (Koret)
BSFSR: 12715a UXN, Arkhangelsk w/V mkr @ 0317-CW (Burton)
EUROPEAN: 12793a RNO, Moscow? wkg ships & CQ @ 0342-CW (Burton)
 12994a ROT, Moscow w/CQ mkr then to ship @ 0301-CW (Burton)
SCOTLAND: 2589.5 GXH, Thurso w/mkr @ 0232-CW (Burton)
SPAIN: 8682m EAD, Aranjuez Rad w/CQ mkr @ ? CW (Witkins)
SWITZERLAND: 17380 HEK99, PTT, Schwarzenburg w/multi lang-YL/Vm @ 1630 - SSB (Greenall)

Africa

AFARS & ISSAS: 7777 FKP, Djibouti (aero) to 5YD & clg 5ST @ 0149-CW (Burton)
ASCENSION I: 19870 ZBI94, C&W, w/Eng-OM/Vm @ 1450-SSB fair (Mayer)
EGYPT: 12970.5 SUH, Alexandria w/CQ mkr @ 1248-CW (Greenall)
ETHIOPIA: 9070a NKA, Asmara (USN) w/V mkr @ 0205-CW gd (Greenall)
GABON: 15735 TRZ56, TIG, Libreville w/Eng/Fr-YL/Vm @ 0420-SSB (Pistek)
KENYA: 7777 5YD, Nairobi w/FPK @ 0154-CW (Burton)
 10730 5YF48, EAETC, Nairobi w/Eng-OM/Vm @ 2133-SSB (Greenall)
LIBERIA: 19940 ELA29, LTS, Monrovia w/Eng-OM/Vm @ 1355-SSB (Greenall)
PT. GUINEA: 17500a CQP59, CTT, Bissau w/V mkr @ 0150-CW (Greenall)
REUNION: 10905 FZS9, PTS, St Denis w/Fr-YL/Vm @ 1239-LSB gd (Simon)
SENEGAL: 9917 6VK49, TELESENEGAL, Dakar w/Fr/Eng-YL/Vm @ 2207-SSB (Greenall)
S. AFRICA: 13945 ZUD45, Pretoria w/Eng-YL/Af-OM/Vm @ 0718-USB (Simon)

Asia - Seems like something is missing?

LEBANON: 10570 ODI57, PTT, Beirut w/Fr-OM/Vm @ 0453-USB gd (Simon)

Oceania

AUSTRALIA: 17300.5 AORTS, Sydney w/Eng-OM/Vm @ 2127-USB (Koret)
NEW CALEDONIA: 17655 FUJ, Fr Navy, Noumea w/V mkr & clg FUF @ 0300-CW (Greenall)
NEW ZEALAND: 18850a NZPO, Himatangi w/Eng-OM/Vm @ ? -USB (Witkins)
TAHITI: 11665 FZP6, PTS, Papeete w/Fr-YL/Vm @ 0515-USB (Warren)
 16380 FZP63, PTS, Papeete w/Fr-YL/Vm @ 1555-USB (Koret)

Miscellaneous

AERO: 11312 7TVEA (Algerian) w/RPNV @ 0339-CW (Burton)
MILITARY: 8810a Missionary w/Eng-OM/Vm @ 1215-SSB fair (Imbert)
 11185a Same @ 1320-USB (Imbert)
SHIPS: 2182 DEAV-LUDMILA C. Freighter near Freeport @ 0150 (Holbrook)
 11281 Poacher Fishing boat relaying message from another boat @ 0329-CW (Burton)
 12544 LADX-QUEBEC Bulkcarrier 38.2S 137.1E @ 1226-CW (Holbrook)
 12552 SXKX-DEFIANT COLOCOTRONIS tanker between Madeira and Canaries @ 1131-CW (Holbrook)
 12553 GNDH-CRISSE Tanker 37-25N 74-31W @ 1125 clg GKC (Holbrook)
 16742 DLIA-FIERY CROSS ISLE 37-41N 49-31W clg DAN @ 1337 w/1.4 KW (Holbrook)
SPY: 11532 Sp numbers (results at Belmont or a Swan Is Card game? hi) @ 1825-AM (Koret)
 12660a Eng numbers @ 1217-SSB (Testa)
UN-ID: 15600a 21KK, QTH?? w/CQ/V mkr @ 0307-CW (Greenall)

Thanks this month to the following contributors; (we are giving a complete list as we did not have a chance to mail a list to HQ!)

Bob Burton	Columbus, OH	Richard Koret	Rochester, NY
Richard d'Angelo	Brooklyn, NY	Alan Mayer	Park Forest, ILL
Tom Gavaras	Wayzata, MINN	Richard Pistek,	Chicago, ILL
Steve Gelfand	Bronx, NY	David Simon	Rochester, NY
Dan Greenall	Ancoaster, ONT	Andris Straumanis	New Palz, NY
Hank Holbrook	Chevy Chase, MD	Frank Testa	Brockton, MA
Martin Imbert	Atlanta, GA	Ronald Warren	Watsonville, CA
Steve Kamp	San Jose, CA	David Witkins	Morton Grove, ILL

A welcome to first time contributors Alan Mayer and David Simon! Well that's about it for this. I hope that things will be back to normal next month!

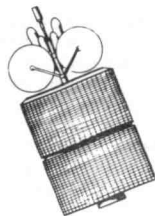
till next month

73's

Paul

The Busy Signal From Outer Space

Or How Liechtenstein and 82 Other Nations Run a Network of International Communications Satellites



Stumbling headlong into the wind, the Red Queen in Lewis Carroll's classic, "Through the Looking Glass," complains "it takes all the running you can do, to keep in the same place."

Perched over the equator, about 22,300 miles above the Atlantic Ocean, an Intelsat IV communications satellite speeds eastward at 6,875 miles per hour - and moves nowhere.

Since the satellite's speed carries it around the earth once every 24 hours, and the earth rotates once every 24 hours, the Intelsat IV remains in relatively the same spot, at 24.5 degrees West Longitude.

Sitting in that cold, quiet corner of space, the Intelsat IV functions as a switching station in the sky - receiving and transmitting telephone calls, computer data, television programs and even electrocardiograms to and from a network of earth stations. Three other Intelsat satellites perform the same duties from vantage points over the Pacific and Indian Oceans and at another location over the Atlantic.

Intelsat is an acronym for International Telecommunications Satellite Consortium, formed on August 20, 1964, by representatives from 14 nations. Today, Intelsat has 83 member nations, and operates from 80 earth stations at 64 sites in 49 countries.

Membership is open to any nation, but, as yet, Yugoslavia is the only Iron Curtain country to join. Several Communist countries, led by Russia, have formed their own consortium known as Intersputnik.

The United States, of course, is an Intelsat member, as are the United Kingdom, France, Germany, India and other great nations. The roster also includes such smaller countries as Monaco, Luxembourg and Liechtenstein.

Satellites now in service are sophisticated enough to carry as many as 9,000 messages simultaneously. Thus, even though it may cost \$30 million to launch, a satellite proves to be a worthwhile investment.

Key to the success of the whole program is that Intelsat is a moneymaking venture. The U.S. representative is the Communications Satellite Corporation (COMSAT), a New York Stock Exchange company that pays regular dividends on its 10 million shares. In the other 82 countries, the government lease the telecommunications services to local telephone companies, which receive half of the profit on all international calls they handle.

Comsat, in 1972, recorded a net income (profit) of some \$24 million.

How do 83 businesses in 83 different countries carry on such a venture without ruffling nationalistic feelings? One reason is the care in which the Intelsat agreement was drawn.

Comsat took initial leadership, and administers research and development contracts and cooperates with the National Aeronautics and Space Administration (NASA) to launch satellites.

This has aroused some concern of "Big Brotherism," but special steps are taken to give each member nation a fair chance to cash in on the spinoff profits. Annually, each of the member nations submits a list of firms authorized to bid on any Intelsat contract. From paper clips to sophisticated electronic switching equipment, each of the listed companies gets an invitation to bid within its area of interest.

Hughes Aircraft Company of Culver City, California, was prime contractor on the latest satellites, but Hughes subcontracted more than 20 percent of the business outside U.S. borders:

- * Thomson-CSF of France built telemetry and command equipment.

- * Radiowave repeaters were manufactured by Nippon Electric Company, Limited, Japan; AEG-Telefunken, Germany, and Northern Electric Company, Canada.

- * Other internal radio equipment was supplied by Kolster Iberica S.A., Spain; Etudes Techniques et Constructions Aerospatiales, Belgium; Svenska Radio AB, Sweden, and Contraves AG, Switzerland.

* Antenna equipment was produced by Selenia SpA of Italy.

* British Aircraft Corporation manufactured solar power equipment and completely assembled the satellite currently working at 174 degrees East Longitude over the Pacific.

Representatives from Intelsat countries meet frequently around the world to hammer out technical and procedural matters. Since 83 businessmen, even if they were from the same country, would have a difficult time making operational decisions, an executive board - the Interim Communications Satellite Committee - meets regularly to handle Intelsat business. Committee membership is in proportion to the amount of satellite time used by the various countries, with smaller nations sometimes pooling their quotas to achieve committee representation.

One of the few nationalistic snags occurred when French technicians at the Pleumeur-Bodou earth station, as part of a labor dispute, refused to speak English to the technicians at Andover, Maine. A hurried call for an interpreter solved the problem until the dispute was settled.

To the user, a satellite telephone call seems no different than one that is sent by undersea cable. But satellite messages speed upward 22,300 miles, then back down again, and earth distance between two points becomes relatively insignificant. Therefore, the cost to Intelsat for a call from London to Paris is about the same as it is for a Rome-Los Angeles call.

Traditional rate structures, based on land distances, may fall by the wayside as satellite communications increase. Rates to domestic telephone companies have steadily dropped, with the result that the transoceanic telephone call, complete with direct dialing, soon may become as popular as transcontinental calls are today.

The entire 44,600 mile journey for satellite-relayed messages burns up only one-fourth of a second. But, on rare occasions, technology adds a somewhat longer delay.

For example, a businessman on a trip to Madrid might call his wife in Chicago to say hello. If the satellite over the Atlantic is jammed to capacity, or if an equipment breakdown prevents the Spanish station at Aguires Buitrago from tuning in on the Atlantic satellites, the call would be switched to the Indian Ocean satellite, bounced back to the earth station at Ibaraki, Japan, beamed up to the Pacific Ocean satellite, and make its way to Chicago via the back door.

But the call then would take two satellite hops and consume half a second. Another half-second would pass before the reply gets back to Madrid.

Delay problems are also encountered when high-speed data was first sent racing through space. Older-style computers transmitted data in small blocks and then waited for the receiving station to verify its accuracy before sending more information. Computer operators soon discovered that the quarter-second delay for each transmission began to magnify into great tidal waves of confusion as data bounced back and forth. New systems were developed that transmit larger blocks of data and check them less frequently.

Global television has provided the most dramatic showcase for telecommunications, transmitting live coverage of events ranging from moon walks to mob riots. And it is global television that poses the greatest challenge to intelligent use of satellites.

Critics contend that most U.S. television is programmed for the I.Q. of 12-year-olds. What will happen when the world beams television to cultures with even lesser sophistication? Will program content be reduced to the six-year-old level?

Satellite television could teach the world languages, animal husbandry, agriculture, manufacturing and other skills at very low cost per viewer.

Actually, the first social-service satellite will not come from within the Intelsat system. NASA, in April 1974, plans to launch its ATS-F satellite, designed to pipe educational programming to isolated areas.

Its initial project will provide basic educational and medical classes for impoverished U.S. residents of towns in the Rocky Mountains. Then it will shift to a location over India, where it will teach reading, writing, agriculture and hygiene to villagers in 2,000 areas.

Like Lewis Carroll's Red Queen, Intelsat IV may be running and getting nowhere. But it is speeding the world toward an era of improved communications - and understanding.

"The Busy Signal From Outer Space," by William Hoffer was reprinted with permission from the April 1973 edition of "TWA Ambassador Magazine," A monthly publication of Trans World Airlines, Inc.

UTILITY QSL REPORT

Deadline: 13th of the month

Steven J. Handler
P.O. Box 253
Deerfield, Ill. 60015

ALASKA: Anchorage Volmet 8905 kHz, very nice personal letter from Robert W. Stinson in 11 days for 8¢ stamp (returned) (Nikolich). USCG Loran Sta. Adak NMJ21 6945 kHz SSB 750w, full data PFC. vs: W.L. Beason, LTJG, Commanding Officer, rcvd via air in 29 days for ms. (Griffith). USCG Loran Sta. Attu NMJ22 6945 kHz SSB 1kw full data PFC, vs: CWO James A. Walker rcvd via air in 28 days for ms. USCG Loran Sta. Cape Sarichef NRW 6945 kHz SSB 350w, full data PFC, vs: RM2 D.A. Springle, rcvd via air in 30 days for ms. (Griffith). CGAS Annette NOU 5696 kHz SSB 124w full data PFC. VS: G.O. Tooley, Lt., rcvd via air in 7 days for ms. (Griffith). Kodiak Radio USCG NOJ 5696 kHz SSB 10kw full data PFC. vs: Robert D. Royds Jr., rcvd via air in 12 days for ms. (Griffith).

AMERICAN SAMOA: Government Radio Station Pago Pago 10707 kHz full data letter less time, 29 days air ms, power 10kw. VS: Aleki Sene. (unknown) Government Radio Station US Dept. of the Interior, Pago Pago. PFC plus letter in 1 month. KUQ20 10708.5 kHz with 10kw ISB, Rhombic antenna and beamed to Point Reyes, CA.

AUSTRALIA: Royal Australian Air Force AXH Townsville, 8985 kHz CW, 10kw full data PFC, VS: SGT. R.T. Harrys, rcvd via air in 21 days with RAAF decal for 2 IRCs (Griffith). Overseas Telecom Service-Sydney 19185 sent long card showing map of Australia and Earth Station with full verie data. Came in 29 days airmail for 1 IRC. (Pistek).

BARBADOS: Cable & Wireless, Carrington 9970 kHz sent worthless ITU reject letter via London. (Straumanis) Welcome to the club. If I had a dime for every reject letter they have sent, I could buy the company! (Hi)

BELGIUM: OST Oostende Radio 13067 sent B&W full data card in 61 days for 1 IRC. (Witkins)

CANADA: GOTC GGB3 Drummondville 11531 kHz am xmsm QSL via personal letter. VS: R.B. Millar full data in 16 days no rp. (Tratutschold) Very good John, welcome to UTE dxing. Royal Canadian Navy CFH Ellerhouse, NS 5097 kHz CW full data PFC vs: A. Thomson, W.O. rcvd via air in 9 days for 1 IRC. (Griffith). VAU Yarmouth Radio 2598 kHz. QSL full data 16 days. vs: T.A. Muir. (Straumanis).

GUANTANAMO BAY: AACR (ITT) full data plain map card of Cuba and the Caribbean area, with greetings from the U.S. Naval Base, Guantanamo Bay Cuba on the front. 3 US 8¢ stamps in 4 months. (Warren). Another person received the same card but said that the data was not written in. This is a card on which, if your report is good enough the VS can if he wants include details. If you got a no data card, send them a more interesting report! Be sure to include return postage. AACR full data 18260 10kw 10 months via air for ms and address label. (d'Adolf). I guess their still filling back orders. (Hi). AACR 9915 sent card 10 kw NAW14 in 20 days via air for 8¢ stamp. (Fischer).

HAWAII: KHK Honolulu 13029 full data letter 14 days for ms. (Witkins). KHK-Honolulu sent personal letter with full data veri statement from Les Leigh, EIC in a week for ms. also sent me mimeo fact sheet on KHK & KQM. Excerpts: KHK 8542, 13029, & 16978.4 all 2kw, KQM is located at the same QTH and transmits on 4415.8 8751.2 and 13154.5 (also 12722.5) all 3.6 kw. Honolulu Volmet FAA 8903 AM 3kw plain typed post card w/date, time, pwr, ant & freq as "8905". vs: Joseph T. Stao, Facility Chief, rcvd via air in 8 days for ms. (Griffith). USCG Loran Sta. Upolu Point NR05 4050kHz SSB 1kw full data PFC qsls for 2 hams also. vs: D.K. Frieden, LTJG, Commanding Officer, rcvd via air in 8 days for ms. (Griffith). USCG Loran Sta. NR04 French Frigate Shoals 4050 kHz SSB 500w full data PFC rcvd air in 8 days after second Followup with mint stamps, total time 3 months. (Griffith)

ICELAND: NST via Kefjavik on 9318, 3kw full data card came in same envelope as NST card. (d'Adolf)

IRELAND: Shannon Aeradio 5533 kHz nice Irish Coffee card and personal note from E.H. Treoney in 9 days for 2 IRCs. Station info also sent. (Nikolich)

JAPAN: Tokyo Volmet 8903 AM 3kw, green, red, white & black card w/date, freq, pwr, and station info. vs: T. Yanagita for Director, rcvd via air in 61 days for 2 IRCs. (Griffith). Tokyo Volmet 8903 sent attractive colorful card with full data QSL. Came in 61 days airmail ofr 2 IRCs. VS: T. Yanagita, for the Director. (Pistek).

LEBANON: ODR-Beruit 13101 kHz sent french letter with full data less time & date. 17 days via air for 1 irc. (Witkins)

MARIANA ISLANDS: Saipan Loran NRV2 USCG 11606 Khz SSB 700w full data PFC, VS; LTJG C.J. Crumpley, CO, rcvd via air in 17 days after 2nd rept with ms. said 1st rpt never rcvd. Total 13½ months. (Griffith). USNAVCOMSTA NPI-Guam 9378 kHz SSB 40 kw usual blue black and gold card w/date, time, freq, power, & ant rcvd via air in 22 days for ms. (Griffith)

MARSHALL IS. Kwajalein Loran USCG NRH2 4050 kHz SSB 1kW full data PFC vs; ET C.R. Mayward, rcvd via air in 12 days after followup for ms. total 104 days. (Griffith)

NEW CALEDONIA: FTS-Noumea 12235 kHz one month for usual FTS form for FR rpt. 3 IRCs (Koret)

NORTHERN IRELAND: NST card with full data 12691 kHz 3kw from radioman Ronald L. Mallory, receivers officer. they return ms. 6 weeks. (d'Adolf)

NORWAY: Rogaland Radio IGB 8574 kHz, cw 5kw full data PFC. Vs; Eimar Lovall, rcvd via air in 66 days for 1 IRC-returned. (Griffith)

PORTUGAL: CUL-Lisbon 8469 kHz letter received in 14 days air for 1 IRC. (Witkins)

PUERTO RICO: NMR-San Juan 8471 personal note of bottom of Coast Guard fact sheet about NMR giving full data 10kw and specific transmitter info from W.E. Kochkodan, Senior Chief Radioman USCG Technical Advisor for ms in one week via air. (d'Adolf)

NMR-San Juan: 8471 sent card PFC full data in 9 days SASE. vs; RMCS W.E. Kochkodan. (Greenall). USCH Loran Sta. Cape San Juan NMR14 4048.5 SSB 85w full data PFC & page of station info rcvd via air in 12 days for ms. (Griffith)

RYUKYU IS. Gesashi Loran-Okinawa USCG NRT2 11606 kHz SSB 900w full data PFC. vs; RM3 C.L. Strohm, rcvd via air in 17 days for ms. (Griffith)

SENEGAL: Ofipostel-Dakar 9950 returned PFC with full data stamped and signed in 15 days airmail for ms and PFC. (Pistek)

SWEDEN: Central Adm of Swedish Telecom. Karlsborg 21715 kHz sent letter with full data (500 kw) 7 days air for MS returned. (Brooks)

Some people have written in asking why we have so many errors. Well, we do it on purpose. If you didn't have something to complain about what else would you do?

-----SPECIAL UTILITY ADDRESS UPDATER SECTION-----*****

Gesashi Loran
Box CG
FPO Seattle, WA 98770

CGAS Cape Cod
Otis ANGB, MA 02542

CGAS Los Angeles
P.O. Box 90220
Los Angeles, CA 90009

Telecommunications Area Manager
Ministry of Transport
P.O. Box 40
Elmsdale, NS, Canada

Service des Telecommunications
B.P. 720
Kigali, Republique Rwandaise

Coastal Radio Station ODR
Beyrouth Radio
B.P. 1226
Beyrouth, Lebanon

Commanding Officer
U.S. Coast Guard Loran A/C Station
Box 48
FPO San Francisco, CA 96610

Paris Radio
C.R.N.A./Nord
9 Rue Champagne
B.P. 32
91200 Athis-Mons, France

Bahamas Telecommunications Corp.
P.O. Box N3048
Nassau, NP, Bahamas
Att'n: ZIN-Great Inagua Beacon 376 kHz

RCA/OMS
Box 314
APO New York, NY 09023

Warsaw Radiotelephone Station
Ministerstwo Laczności
Pl. Malachowskiego 2
Warsaw, Poland

Kodiak Radio NOJ
USCG Radio Station
Box 17
FPO Seattle, WA 98790

O.G.E. Radio Orient
Hotel des PTT
B.P. 1226
Beyrouth, Lebanon

Communications Officer
Royal Australian Air Force Comm Ctr.
Townsville 4810, Australia

US Coast Guard Loran Station
P.O. Box 337
Saipan, Marianas Islands 96950

US Coast Guard Loran Station
Annette, AK 99920

U.S. Coast Guard Loran Station
Sitkinak, c/o Kodiak, AK 99615

73's and Keep Up the DXing--
Don't Take any Wooden QSLs.

QSL SECTION



CHRIS LOBDELL
149 WALNUT STREET
READING,
MASSACHUSETTS 01867

DEADLINE: 20TH OF AUGUST

NEWS

This month, as usual, we have many interesting QSL's to report on. In Europe, there is the time signal station MSF-TEDDINGTON in Great Britain. Gregg Calkin bagged this one while he was in the British Isles. Next, we jump to the foothills of China where RADIO ULAN BATOR of Mongolia radiates over the Gobi Desert. New Yorker Phil Schnabel bagged this rare Central Asian. In The Latin speaking countries of America, there are verifications from RADIO ATENEA in Costa Rica, LA VOZ DE HONDURAS and RADIO CLUBE DE PERNAMBUCO in Brazil. And yes, it's true, RAE in Argentina does issue full data cards.

EUROPE

BYELORUSSIAN SSR: Radio Moscow-Minsk, 6065, green map card w/red trim, came by air in 26 days; no RP sent. Card came from Moscow. (Nikolich-IL)

CZECHOSLOVAKIA: Radio Prague, 5930, 50th Anniversary full data card in 3 weeks; no RP sent. (Zimarowski-MA) 9540, B&W "Castle At Cesky Sternberk" view card in 81 days; no RP. (Whitehead-MA)

DODECANESE IS: VOA-Rhodes, 7110, 30th year card in 5 weeks from the /s/: Monica Vall. (Draut-IL)

FRANCE: ORTF-Paris, 15295, full data photo card showing the ORTF building, by air in 33 days; sent sked too. Reported in EE w/2 IRCs. (Day-CA)

GERMANY (Dem Rep): Radio Berlin International, 9730, sent full data picture post card in 53 days; letter and sked came too. No RP was sent. (Trautschold-WI) 11890, "State Museums" full data card in 2½ months; no RP sent. (Zimarowski-MA)

GERMANY (Fed Rep): Deutsche Welle-Sackville, "multi-colored" circles card for the relay in 30 days. (Trubee-HI) This should have been listed under Canada, sorry! (-crl-)

Radio Liberty, 15445, sent card w/drawing of microphone superimposed on a map of the USSR. Replied by air in 17 days with full data. (Trubee-HI)

Sudwestfunk-Rohrdorf, 7265, colored map card in 6 weeks for an IRC. (Kamp-CA)

GREAT BRITAIN: MSF (Time Station)-Teddington, 5000, short confirmation letter from the /s/: B.R. Swabey in 2 weeks. This was for reception in Great Britain. (Calkin-SPAIN)

VOA-Woolferton, 7190, sent three cards for two reports in 3 weeks. /s/: Suzy Belnap. (Lanoue-MA)

GREECE: VOA-Kavala, 7170, usual antenna card by surface mail in 32 days; no RP sent. (Nikolich-IL) card w/site and frequency in 3 weeks. /s/: Monica Vall. (Howard-MD) 30th anniversary antenna card in 6 days; no RP sent. (Brooks-CT)



HOLLAND: Radio Nederland, 9715, "73" friendship card in 11 days; no RP sent. (Trzaskus-IL) 11730, card in 73 days. (Witkins-IL) card in 12 days for no RP. (Castello-CA) 11730, card and stickers by air in 10 days. (Brooks-CT)

INTERNATIONAL WATERS: Radio Nordsee International, 6205, usual Mebo II card in 88 days; 2 IRCs. (Maher-NY) 6210, "Mebo II" card w/no details despite request; from Switzerland in 67 days for 2 IRCs. (Whitehead-MA)

LUXEMBOURG: Radio Luxembourg, 6090, usual card in 61 days for 1 IRC and an EE report. (Maher-NY) antenna tower card in 3 months for 2 IRCs; full data included. (Johnson-CA)

NORWAY: Radio Norway-Oslo, 15175, picture post card of mountains by sea in 2 months; sked sent too. (Eichenhorn-MI) 17825, "Fjord Photo card" in 29 days. (Zelasko-IN) 17825, EDXC card for reception report on DX conference heard over Radio Norway; 10 days from Germany for an IRC. (Brooks-CT)

POLAND: Polish Radio-Warsaw, 11815, first card in map series by air in 21 days. (Zelasko-IN) 5th map card in 25 days w/personal letter too. (Day-CA)

	<p>THE VOICE OF AMERICA WASHINGTON, D. C., U.S.A. 20547 Official Business Penalty For Private Use, \$300</p>	
<p>We are pleased to confirm your reception of our broadcast</p>		<p>Postage and Fees Paid U.S. Information Agency</p>
<p>from <u>Kavala, Greece</u>.....</p>		<p>Alan W. Brooks 74 Massachusetts Rd. Oakdale, Conn. 06370</p>
<p>on <u>7170 kHz 6/14/73</u>.....</p>		
<p><u>Suzy Belnap</u> (Signature)</p>		

PORTUGAL: Deutsche Welle-Sines, 15185, blue & orange map card of the Iberian peninsula; air in 21 days from /s/: G.G. Thiele. (Brooks-CT)
Radio Portugal, 11840, usual world map card in 16 days; no RP sent. (Zelasko-IN) 11860, map card, book by air in 10 days w/full data. (Vockeroth-PA) 11935, world map card by air in 2 weeks for 3 IRCs. (Trzaskus-IL)

Voice Of Hope-Sines, 9640, colorful map card of Europe w/all data, by air in 42 days. Also sent sked and a "corny" record; 2 IRCs sent. (Simon-NY) full data card, sked, newsletter, etc. in 3 weeks. (Zimarowski-MA)

RSFSR (European): Radio Moscow-Tula, 9610, card w/site given in 30 days. (Schnabel-NY) 9910/11960, 2 brown cards w/sites as Serpuchov and Voronezh respectively, from the Afro Service. Both came by air in 67 days; no IRCs sent, but f/up required. (Griffith-CO) 12000, full data green card w/site as Moscow from the NA Service; air in 35 days. (Simon-NY)

SPAIN: RNE-Madrid, 11925, antenna photo card and 180 page Spanish home service sked in 2 months; reported in SS w/Speedx form. (Eichenhorn-MI)

SWEDEN: Radio Sweden, 11705, "DX" card by air in 8 days. (Castello-CA) 11955, yellow and blue card commemorating 25 years of "Sweden Calling DXers", by air in 10 days. (Zelasko-IN)

UKRAINE: Radio Moscow-Lvov, 11900, gray card w/full data by air in 38 days. (Whitehead-MA) two cards w/sites for 11975-Kharkov and 15110-Kiev by air in 77 days after f/up; no RP sent. (Griffith-CO)

USSR (No Sites): Radio Kiev, 9680, full data card showing a boy and a girl in 5 weeks. (Vockeroth-PA)

Radio Moscow, 11775, card w/drawing of gold microphone on green background by air in 26 days. (Trubee-HI) 12000, card from the North American Service in 36 days; no RP sent. (Testa-MA)

AFRICA

ANGOLA: A Voz de Angola, 9660, full data card on back of a post card showing a view of Nova Lisboa; air in 5 weeks for a Portuguese report w/3 IRCs. (Pistek-IL)

CAMEROON: Radio Buea, 3970, map card, noting power as 8 kw by air in 3 weeks for 3 IRCs. (Pistek-IL)

Radio Yaounde, 4972, world map card in 15 weeks for an IRC & English report. (Kamp-CA)

CANARY ISLANDS: RNE-Tenerife, 11800, color card of transmitter room and pennant in 29 days for 2 IRCs. (Cleveland-CA) black & white antenna card w/local postmark in 31 days for 2 IRCs. Reported direct to Tenerife on local programming in SS. (Cleveland-CA)

CENTRAL AFRICAN REPUBLIC: Radioiffusion Nationale Centrafricaine-Bangui, 5038, form letter by air in 40 days for an English report and 2 IRCs. (Maher-NY) form letter in French saying QSL cards haven't been printed yet; air in 77 days for mint stamps and a FF report. (Nikolich-IL) form letter verifying date & time by air in 7 months; sent a taped report with 3 IRCs. (Pappas-IL) form letter w/full data in 4 months; 2 IRCs sent w/report. (Draut-IL) 7 months for 3 IRCs and French language report. (Johnson-CA) letter by air in 206 days; French report and mint stamps were sent. (Brooks-CT)

ETHIOPIA: ETLF-Addis Ababa, 15190, card by surface mail in 5 months; 2 IRCs sent. (Blake-IN)

MALAGASY REPUBLIC: Radio Nederland-Talata, 11730, "73" card w/site from the French section in 52 days airmail; no RP sent. (Trzaskus-IL)

MALAWI: MBC-Blantyre, 3380, full data form letter in 60 days; no RP was sent. (Schnabel-NY)

NIGERIA: NBC-Sokoto, 6195, letter direct from Sokoto in a month for an IRC. /s/: S. Mohammed. (Sparks-CA) full data green and white card by air in 12 days; reported to Lagos. (Pistek-IL)

NBC-Shogunu, 7255, green & white card w/crest & program sked by sea in 28 days; 1 IRC sent. (Trubee-HI)

RHODESIA: RBC-Gwelo, 2336, gazelle card w/full data in 22 days. /s/: E. McKenzie. (Schnabel-NY) 3396, "Highlands" card by air in 2 weeks for 2 IRCs. (Draut-IL)

RWANDA: Deutsche Welle-Kigali, 15380, African map card by air in 6 months air mail; reported to Koln. (Draut-IL) 15410, usual card in 93 days for 3 IRCs; tape recording sent. (Maher-NY)

SEYCHELLES: FEBA-Victoria, 11950, plain card w/full details and letter in 177 days; 3 IRCs sent. /s/: Brenda Bars. (Nikolich-IL)

SOUTH AFRICA: RSA, 21535, sent the colorful "Lilac Brested Roller" bird card by air in 21 days. /s/: T. van Heeden. (Trubee-HI)

SABC-Johannesburg, 3250, "Industries" card in 14 days air mail for no RP. (Nikolich-IL)

ZAMBIA: Radio Zambia-Lusaka, 17895, plain card in 2 weeks for 2 IRCs. The /s/: I.C. Mweeta asks for more reports. (Draut-IL) white card in 21 days for 2 IRCs. /s/: K.K. Saddi. (Brooks-CT)

CONFIRMATION

We thank you for your reception report and have pleasure in confirming that this is in accordance with our scheduled programme

Date: 3-3-1973
 Time: 19.05 - 20.30 GMT
 Frequency: 1789.5 KHz
 Programme: General Service
 Remarks: Many thanks

[Signature]
 K. K. SADDI
 for Chief Engineer,
 Zambia Broadcasting Services.

ASIA

CYPRUS: BBC-Limassol, 11925, usual Thames River card w/no details except "East Mediterranean Relay" typed in; by sea in 92 days. /s/: D.A.V. Will. (Simon-NY) 11955, "Thames" card w/date, time and transmitter site by air in 15 days. Reported via the World Radio Club. (Lanoue-MA)

JAPAN: NSB-Tokyo, 6055, full data yellow card & schedule by air in a month; no RP sent. (Howard-MD)

Radio Japan, 15195, "Umbrella" card by air in 2 weeks w/date and frequency; no RP sent. (Eichenhorn-MI) 17825, "NOH" music text card by air in 13 days; used their aerogram report form. (Zelasko-IN) card in 10 days. (Witkins-IL) 24 days, airmail; no RP sent. (Blake-IN) "Traditional Living Room" card in 11 days. (Day-CA) 17855, two different cards in 12 days. (Trubee-HI)

KOREA (South): Radio Korea-Seoul, 9640, full data "Kyonghoe Ru" card in 23 days; 3 IRCs sent. (Hamilton-CA) "Masked Dancers" card in 3 weeks, along w/a personal letter, magazine, etc. (Johnson-CA)

KUWAIT: Radio Kuwait, 15415, full data folder card in 3½ weeks for an IRC. (Zimarowski-MA) usual folder card in 2 weeks. (Hansen-MA)



MALAYSIA: BBC-Tebrau, 9740, Thames River card from London w/no data except for site notation. Sea mail in 79 days; no RP sent. (Simon-NY)

MONGOLIA: Radio Ulan-Bator, 11810, sent personal letter with complete verification details in 84 days; no return postage sent. /s/: Head Of English Section: Tuvdennyam. (Schnabel-NY) Excellent, Phil! -cr-

RSFSR (Asiatic): Radio Moscow-Chita, 11720, card w/site notation in 30 days. (Schnabel-NY) 12050-Armavir, card w/transmitter site in 30 days. (Schnabel-NY) 12050-Petropavlovsk-On-Kamchatka, green card w/full data & site from the North American Service; 36 days for no RP. (Witkins-IL) 15100-Khabarovsk, brown map & flag card w/site from the NA Service in 32 days. Also sent a personal letter report forms. (Simon-NY) 15180, card for transmitter site as Khabarovsk in 36 days; contains full data and is from the NA Service. (Witkins-IL) 17865, full data card for Komsomolsk-On-Amur in 35 days. Also sent pennant, report forms and sked. (Simon-NY)

SRI LANKA: VOA-Colombo, 11825, usual 30th anniversary "antenna" card in 8 days from Washington, DC. (Hambright-NJ)

VIETNAM (North): Voice Of Vietnam-Hanoi, 10040, sent a plain white card w/complete verification info in 3½ months. (Zimarowski-MA)

OCEANIA

AUSTRALIA: ABC-Brisbane, 4920, blue & black ABC map card in 34 days sea mail for no RP. Full data. (Trubee-HI)

ABC-Melbourne, 9680, usual ABC card w/detailed information by air in 9 months & 10 days; 1 IRC sent. (Griffith-CO)

AUSTRALIA (Continued): ABC-Perth, 9610, map card & April program schedule came by sea in 3 months and 17 days; 2 IRCs sent. (Trzaskus-IL)

Radio Australia, 5995, full data card of government buildings in Canberra in 3 months; no RP sent. (Howard-MD) 9580/11765, two cards in 153 and 176 days by 2nd class airmail; no RP sent. (Testa-MA) "flying duck" card in 3½ months; no RP sent. (Zimarowski-MA) 11710, "Parliament" card in 3 months. A cheesy looking place at that! (Hansen-MA) 15320, "radio-telescope" card in 3 months. A full data reply. (Trubee-HI) 17795, card in 6 weeks; no RP sent. (Day-CA) 17795, card in 71 days; no RP. (Day-CA) full data card in 62 days. (Witkins-IL)

NEW CALEDONIA: Radio Noumea (ORTF), 11710, full data card showing map of island, antenna and a bird; air reply in 16 days. Reported in English with 2 IRCs. (Leistner-CA)

NEW ZEALAND: Radio New Zealand, 9520/15110, two cards in 4½ months; no RP sent. Cards lacked time. (Hambright-NJ) full data "blue" card in 96 days for an IRC. (Trautschold-WI) usual "globe" card, sked and travel info by sea in 18 weeks. (Cleveland-CA)

PAPUA/NEW GUINEA: ABC-Port Moresby, 4890, usual map card in 42 days for 2 IRCs. Note says 3 IRCs needed for air reply in the future. (Cleveland-CA) Radio Madang, 3260, large 12" by 12" sheet QSL with maps, skeds and full data verie info & 45 cancelled stamps; air in 15 days for 2 IRCs from /s/: Phil Charley. (Leistner-CA)

Radio Milne Bay, 3360, folder card in 3 months; 3 IRCs sent. (Sparks-CA)

SOLOMON IS: SIBS-Honiara, 3995, full data map card in 16 days for 3 IRCs. (Hambright-NJ)

NORTH AND CENTRAL AMERICA

CANADA: CFCX-Montreal, 6005, card w/date and frequency listed in 2½ months after f/up report was sent. (Calkin-SP) photo card w/blue printing in 10 months; no RP sent. (Eichenhorn-MI)

CHNX-Halifax, 6130, card in three weeks from /s/: Patricia Walsh. (Blake-IN)

Radio Canada International, 11945, blue & green map of Canada card in 17 days; no RP sent. (Witkins-IL)

COSTA RICA: Radio Atenea, 6150, personal letter giving frequency only came in 12 days for an EE/SS report w/mint stamps. (Maher-NY)

RTF		MARTINIQUE-INTER FORT-DE-FRANCE Martinique B.P. 662 F.W.I.	
Nous vous remercions de votre rapport d'écoute du 28/10/72. Nous avons le plaisir de vous confirmer l'exactitude de vos résultats.			
Fréquences d'émissions Horaires d'émissions			
KW	KHZ		
OM	50 1310	10.00 à 02.30	
OC ₁	4 5995	23.00 à 23.00	
OC ₂	4 4895	10.00 à 23.00	
OC ₃	4 3315	10.00 à 12.00 23.00 à 02.30	
For: 28/11/72			
Merci au bien vivement de votre envoi et de votre travail nous avez bien voulu nous faire parvenir.			
James Whitehead 177 Pine Ridge Road Reading, Mass. 01867 U. S. A.			

CUBA: Radio Havana, 15285, full data card came in 5 months; no RP was sent w/report. (Maher-NY)

DOMINICAN REP: Radio-Tv Dominicana, 9505, letter came by airmail in two months; reported in SS w/no RP. Pennant also received. (Castello-CA)
EL SALVADOR: Radio Nacional (YSS), 5980, usual blue and white card by air in 87 days by sending a Spanish report w/mint stamps. Also sent tourist info on country. (Simon-NY) card in 67 days for a report w/mint stamps. (Hambright-NJ) blue & white-no data antenna card in 92 days; sent Spanish report, tape recording and 3 IRCs on my third try. (Day-CA)
GUATEMALA: Radio Cultural (TGNA), 5955, card giving frequency and date in 2 weeks; mint stamps sent. (Maher-NY) card, letter, sked and tourist info in 4½ months for 2 IRCs. /s/: David Keeler. (Cleveland-CA) 47 days for mint stamps. (Leistner-CA) 5 months and 5 days for report & 2 IRCs on second try. (Griffith-CO)
HAITI: Radio Station 4VEH-Cap Haiten, 11835, "Vertiers Memorial" card in 3 months for an IRC. /s/: Edna Beachy. (Zelasko-IN)
HONDURAS: La Voz de Honduras (HRN), 5875, form letter w/all data except time, by air in 9 months for mint stamps. Says my Spanish is very good, even though I don't speak a word. /s/: Alma Blanca Villeda. (Johnson-CA) form letter in 6 months for 1 IRC. /s/: Carlos E. Riedel. (Kamp-CA)
 Radio Progreso-El Progreso, 4920, form letter and pennant in 24 days from /s/: Jerry E. Tolle. (Kamp-CA)
NETHERLANDS ANTILLES: R. Nederland, 11730, "Propagation Department" card in 10 days. (Vockeroth-PA) "The Amsterdam" card for report on "Happy Station" program; 27 days for no RP. (Brooks-CT)
UNITED STATES: VOA-Dixon, 17820, 30th Anniversary card w/frequency and site only in 37 days. What happened to the date? /s/: Monica Vall. (Simon-NY)
 WNYW-Scituate, blue card and program schedule in only 5 days. (Smith-NY)
WINDWARD IS: Radio Grenada, 11975, form letter and sked in 8 months; 2 IRCs were sent. /s/: N.P. Da Breo. New Address given as: P.O. Box 34. (Draut-IL) 5015, form letter w/date and frequency in 2 months after f/up report was sent; 3 IRCs. (Calkin-SP)

SOUTH AMERICA

ARGENTINA: RAE-Buenos Aires, 11710, full data map card in 6 months for no RP. (Hambright-NJ) usual green card w/full data typed in; 3 months for no RP. (Kamp-CA). EDITORS NOTE: Yes, RAE does now issue full data QSL cards and has been for the past two months! Thanks to John Fischer of PA for passing this information on. (-crl-)
BRAZIL: Radio Clube de Pernambuco-Recife, 11867, personal letter in Portuguese says "sua recepca esta corecta"; no other data. Reply was by air in 60 days and included a 50 year anniversary decal. Port. report and mint stamps were sent. /s/: Lucy Morrre. (Whitehead-MA)
COLOMBIA: Radio Atlantico-Barranquilla, 4906, long and detailed personal letter in Spanish and a green and white pennant were received by air in 9 months from /s/: Leonor Monroy Torres. Reported in SS w/3 IRCs. (Howard-MD)
ECUADOR: HCJB-Quito, 17880, "Oil Field" card in 6 weeks for 2 IRCs. (Dolyak-IA)
 Radio El Mercurio-Cuenca, 6070, card, post card and small pennant in 5 months from /s/: Fabien Molineros. Mint stamps sent. (Sparks-CA)
 Radio Rio Amazonas, 4870, friendly letter w/full data; said that they increased power to 5 kw in December 1972. Replied in 6 months by airmail from the /s/: Jim Hedlund. (Howard-MD)
GUYANA: Guyana BCing Service-Georgetown, 3290, form letter w/complete verie info and also details on station, by air in 38 days for 3 IRCs. /s/: M.O. Denny. (Nikolich-IL)
PERU: Radio Atlantida-Iquitos, 4785, no data typed letter in Spanish asking for recordings and stamps. Came by air in 2 weeks for an EE/SS report w/mint stamps. (Eichenhorn-MI)
VENEZUELA: Ecos Del Torbes-San Cristobal, 4890, personal letter, pennant, post card and used stamps, by air in 2 months after f/up. /s/: Edrid Gonzalez de Chacon. (Calkin-SP)

Thanks for all the reports this month! Have a great summer.

73 and The Best Of DX,

Chris

RADIO ANDAHUAYLAS S. A.

Guillermo Cáceres Treslerra N° 188 - Telf. 9

ANDAHUAYLAS — APURIMAC — PERÚ

Andahuaylas, 2 de Abril de 1973

Señor

James M. Maher

159 Gibson Avenue

Brentwood, New York

11717 USA.

Muy señor mío:

Me tomo la libertad de comunicar a Ud. saludándole muy atentamente y le agradezco de lo que Ud. me comunica que ha escuchado la Emisora Radio Andahuaylas desde Apurímac, Perú en esa hermana tierra tan lejana NEW YORK, lo que ha escuchado nuestra Programa de irradiación está perfectamente correcto, nosotros irradiamos de preferencia música nativa porque acá tenemos mucha indiana y los gustan a los campesinos mucho huayno, pero sin embargo hacemos tocar música variada, como vals, yaravís, tangos, guarachas, música de nueva ola para la juventud de este tiempo, y así por estilo. La provincia de Andahuaylas donde está ubicada la Emisora Radio Andahuaylas, tiene mas o menos 280.000 habitantes, son en su mayor parte ganaderos y agricultores y comerciantes, a pocos kilómetros de la Provincia de Andahuaylas se encuentra una Laguna turística llamada Pacucha con 2 lanchas a motor para la distracción de los visitantes.

Aprovecho esta oportunidad para reiterarle mis cariñosos saludos.

Atentamente



Daniel Andrew Casafranca
Daniel Andrew Casafranca

BROADCASTING SATELLITES

A REPORT FOR SWL'S

By D. Campbell

If you are like most SWL's and DXers today, you probably have vague feelings that satellites could be the downfall of our hobby. You look at the investment in new equipment with the idea that it may be worthless in "just a few years". These feelings are usually the result of ideas formed by reading articles in the "popularized" science press (a good example is June, 1973 Popular Science) which only give general information about wonderful advances and breakthroughs in satellite technology.

Well, there is a remarkable backstage story, not generally being told to the public. It can only be pieced together by comprehensive study of hundreds of obscure publications- most of them political in nature. I have tried to bring forth in the following lines the fact that one can never have the true picture of this situation, but what you will read is the author's opinion, from study and experience with many sources.

In 1869, there appeared a most remarkable story by an American author, E. Hale, entitled "The Brick Moon".* This story deals with the launching by waterfall-flywheel catapult, of a giant satellite made of bricks, for the purpose of giving those ships at sea another "moon" to steer by.

In January of 1971, the first of a series of giant Intelsat 4 communication satellites was put into orbit. These giant satellites (a ton and a half each) are very near the size and weight limits for efficient, unmanned satellites. The Intelsat 5 to follow are about 25% larger, and are considered the theoretically largest practical configuration- at today's electrical and mechanical part failure rate.

If one were to plot the curve of technological advances made between Hale's story and, say, today, he would see that it is one of ever-increasing steepness. That is, a greater amount of technology is appearing every day, than in any day before. Many people are uncertain of the future effect of political reality on this growth.

Up until about 1969, "experts" were discounting the possibility of direct satellite broadcasts (Satcast-D) to homes as impractical. They most all agreed that satellite broadcasts must be by the retransmission method (Satcast-R). That is, a very complex ground station would have to receive the satellite transmission and deliver it to a ground-based distribution system (either a TV station, or a cable). For example, look at the May, 1966 edition of Electronics World. In it, an expert who was not too farsighted builds up a lengthy argument that Satcast-D would not be possible due to technology, "in our lifetimes." This, due to recent developments, is correct in only one sense- Satcast-D will not be available on an international basis. The reason, however, will be politics.

When satellite launch technology was young and weak, it was natural to place the burden of high-power transmitters, sensitive receivers, and large antennas, on the ground station. While the satellite could only be small and low-powered due to launch technology, the ground stations could be giant million dollar installations, with thousand-ton antennas. Now, with the gains in launch power, high-power transmitters in satellites make smaller and smaller ground stations possible. In fact, did you realize that the technology for direct satellite radio broadcasting to ordinary receivers has been existing for a couple of years? If Satcast-D radio were going to take over from international shortwave, it would probably have begun already. Why not? Politics, of course. Does Satcast-D TV for international broadcasting have a better chance?

How about even Satcast-R for domestic (within the borders of the transmitting nation) use? Its record is still poor in spite of tremendous press coverage. For example, a recent sample of popular press items shows that India and Brazil are each very carefully planning for domestic Satcast operations. The hundreds of press items notwithstanding, the reality is that India and Brazil are not wealthy nations, and not only would they be dependent on the help (gifts?) of equipment from the U. S. or Russia, but the very real problem of just getting power for the remote receivers in rural villages is of the utmost importance. India's latest plan is to use super-efficient transistor receivers which would draw so little power that they could use auto batteries.

* Hale's absolutely remarkable story can be found in the collection, "Masterpieces of Science Fiction", edited by S. Moskowitz, and published by World Publishers in 1966. Ask at your library.

Continued

continued-Satellites

These press releases also avoid the most important issue. Since India has such a great number of spoken languages, and even thirty written ones, which language should a single channel TV network transmit in? Which languages should a five channel net use? I'm certainly not trying to make fun of these countries, but the strange way the American press avoids certain aspects of the problems leads the casual reader to believe that technological problems are the only kind.

The countries of Russia and Canada are the current exceptions which prove the rule. Both are nations of vast area which have an urgent need for electronic interconnection. Neither has a very large investment in wideband (TV) distribution networks. Both consider such networks as essential. Moscow is naturally very interested in every outlet for its particular brand of "truth". Unfortunately, Moscow suffered quite a setback when its carefully made plans for a Satcast-R network from Moscow to all Iron Curtain countries fell through with the invasion of Czechoslovakia. Also possibly included in this list should be Australia. The people down there seem to know that they are missing something- and what it is, is good quality radio and TV all over the country. According to "press releases", they are planning a system of their own.

And the U.S.? Why are we just now preparing to enter the Satcast-R field? Well, I hate to repeat, but the reason again is politics.

The communications industry in America has such a gigantic investment in landline long-distance communications (both coax cable and microwave), that the very thought of having this net obsoleted by a satellite is causing quite a stir. When collective industrial pressure is applied to many places, delays and postponements in plans and rules are bound to occur. Even now, with plans all made and technology patiently standing by, there will probably be several more years of delay before all of the political and financial questions are even roughly settled.

The question of TV being beamed to America by the Satcast-D method is a problem left to philosophers. The technology will be available at a practical cost in about late 1974, but legally and socially - look out! In particular, the local TV stations, who will welcome satellite distribution of network programs to themselves for rebroadcast, will howl to the Heavens when the possibility arises that they will be unneeded middlemen. When people can receive 25 different channels by satellite microwave, who will want the local station's fare? An even tougher question I put to you; Who will sponsor the nationwide satellite programs? No local ads there!

From these examples it can be seen that two very important requirements are needed for the development of satellite broadcasting in any particular country. First is a need. There must be no practical alternative to the service available. Second, there is wealth. No country can possibly consider having its own system without a high per-capita income, or the possibility of quite a large gift. Canada and Russia have both a need and wealth. India and Brazil (and many others) have a need, but little wealth. America has wealth, but no pressing need, because of a highly developed network of earthbound cables. This is politics, remember, and no public cry of "we need more than three TV channels" carries weight here.

As a sidelight, the Europeans have an organization called ELDU which is attempting to develop a launch rocket for satellites. The Japanese are trying to develop launch rockets and satellites too. Both efforts seem to be sort of a roller coaster affair, insofar as there seems to be great developments one moment, and the next moment these developments are forgotten and the agencies are begging for funds to continue work. Both efforts, in your writer's opinion, are getting nowhere, fast. Even the proud and stubbornly independent French have about abandoned their greatly publicized launch facility, built at great expense, two or three years ago.

When the possibility of Satcast-D (TV or radio, even) from one country to another is discussed - all bets are off!

First off, there is the question of standards. TV signals all over the world are broadcast by different methods, in different countries. In general, the Americans, Canadians, and Japanese use the American NTSC system. The Europeans use the German PAL system, with the exception of France (again) which uses the SECA[®] system. All over the world there are variations on these (see your WRTVH) systems- and they are not compatible. So international Satcast-D has its first barrier to cross. Assuming that it passes, what about language? So now you have a picture and sound, but in a foreign language, yet! Another barrier to cross. Next is the problem of who will sponsor the programs. Since there is no cable, there aren't any fees, so ads must be used. The only answer coming quick to mind is- political ads. And that leads us to the Glorious People's Anti-Cosmos Defense System.

It is a sad fact of life that almost every nation is attempting nowadays to distort

Continued

continued-Satellites

news in such a cunning manner so as to make its citizens completely ignorant of certain facts. I am not speaking of crude censorship but of effective news alteration in emphasis, to achieve desired goals. For example, most mainland Chinese are aware of the shift in attitude of Peking toward us, but they are not aware it is because of China's fear of Russia. Speaking of Russia, let's consider- the Russians spend an estimated 250 million dollars yearly on shortwave and broadcast jamming. Their cost of punishing those caught monitoring "forbidden" broadcasts is not included in that figure. Neither is the cost of ferreting out violators.

Well, fellow listeners, do you think the Russians are taking the possibility lightly of some no-goodnik putting a direct broadcast satellite up, which could beam RFE type TV to them without the inconvenience of jamming? Also, tell me, have you ever wondered why the Russians haven't ever set men on the moon?

The Russians have been sending token tinker-toy tractors to the moon to save money for their "more important need", which is the Glorious People's Anti-Cosmos Defense System, or more accurately, Killer Satellites (Killersats). The Kremlin leaders know that the present hands-off attitude of America and Russia toward each other's satellites must end someday. For this they must be prepared.

The cat came out of the bag on August 8, 1972. Foreign Minister Andrei Gromyko submitted to the UN General Assembly a plan to absolutely limit and control direct satellite broadcasts into the home. His plan states that countries have the right to control TV broadcasting satellites, capable of being received in their respective countries, directly at the source of emission. This includes all receivable satellites-even those located far outside their actual territorial boundaries. Following this line comes a UNESCO "Draft Declaration of Guiding Principles on the Use of Satellite Broadcasting for the Free Flow of Information, the Spread of Education, and Greater Cultural Exchange" being circulated for approval by member states. It not only strictly limits TV Satcasts, but radio, foreign correspondents, and international news agencies, are thrown in for good measure. Complete censorship in one, neat package, so to speak.

The U. S. delegation is not taking a firm stand against this vicious piece of tyranny, but is hoping for a postponement of the vote on it, so as not to have to use our veto. This is a condition I cannot explain.

The Russians have been quietly testing Killersats for several years. This is "news" which seldom even makes page twenty in the newspapers. They will launch one satellite. Several days later, another will be launched. It will track the first, close in, and then explode when nearby, thus destroying both. This is a rather crude but effective method of preventing "unofficial" broadcasts into the Soviet Union. Planners in the USIA and other places have taken very careful note of the tests, even if the world press has not.

The general trend of the Killersat development in Russia can be followed by "news leaks" in the press and made by the Tass news agency. The people of Russia have been told that they are being protected from "marauding capitalist spy satellites" by the heavy investment in the Anti-Cosmos program. In reality the Reds are saving it for broadcasting satellites, and letting the "spy" variety come and go at will. Of course, the whole thing can be tied together by the Gromyko proposal mentioned earlier, which can be found in several UN publications.

In case you might consider the U. S. lacking in foresight in these matters, let me say that changes are being made in the design of all our military satellites which would counteract the Anti-Cosmos System as much as possible. As for the Killersats themselves, the Air Force has some very advanced ideas on paper along these lines (not so crude as the Russians), but currently the secret development of laser "heat ray" cannon for anti-aircraft defense seems to be progressing to the point where their use against satellites is not in the least improbable.

As mentioned at the beginning, these pages are solely one person's opinions, and while the result of many hours research, they can be rendered valueless within six months time by political developments. However, it is my hope that these pages may counteract some of the completely false opinions and mistaken hopes caused by the popular press in America.

###

***** LOYAL SPEEDX CONTRIBUTORS FOR AUGUST *****

Each contributor's name is preceded by a number, which indicates how many of the SPEEDX columns a specific reporter has contributed to this month. Those with an asterick (*) indicate a one credit carry-over from last month. All reporters are urged to observe the deadlines, as late reports can not be used or credited. This holds true for editors deadlines to the publisher & HQs.

1	BLAKE, JERRY	IN.....?	2	PISTEK, RICHARD	IL.....HQ-180A
2	BRITTON, BILL	FL.....SX-190	2	SEYMOUR, WOODY	NC.....SX-190
4	BROOKS, ALAN	CT....DX-150A	2	SCHNABEL, PHIL	NY.....HQ-200
1	BUNDY, BOB	CA.....SPR4	3	SHAW, BILL	PA.....SPR4
3	BYE, HARLAN	PA.....SPR4	2	SIMON, DAVID	NY.....SX-190
3	CALKIN, GREGG	SPAIN....SW4A	*5	SMITH, JOSEPH	NY.....SX-190
*5	CASTELLO, GEORGE	CA....TRI-818	2	SMITH, WADE	MA.....SX-190
4	CLEVELAND, BILL	CA.....SPR4	3	SNYDER, DOUG	CA.....SPR4
3	COLLIER, MIKE	NY.....HQ-129X	2	SPARKS, BILL	CA.....R4B
2	D'ANGELO, RICHARD	NY....?.....?	*4	STEPHENSON, NORM	CA.....SPR4
1	DAY, EDWARD	CA.....SX-190	2	SWACKOFF, KEN	ALB.....SPR4
1	DOLYAK, EVELYN	IA....AL 2685	1	TESTA, FRANK	MA.....DX-150
3	DRAUT, ERIC	IL.....R-7000	4	TRAUTSCHOLD, JOHN	WI.....SB-310
4	EICHENHORN, SANDY	MI.....SX-190	3	TRUBEE, BILL	HI.....SW4A
1	FAY, JON	MA.....SB-310	*5	TRZASKUS, ROSEMARY	IL.....S-125
1	FISCHER, JOHN	PA.....SX-190	3	VOCEEROTH, JOHN	PA.....S-200
3	GAVARAS, TOM	MN.....HQ-180	3	WARREN, RONALD	CA.....R4B
1	GELFAND, STEVE	NY....MC-183D	1	WHITEHEAD, JIM	MA.....DX-120
1	GETZEL, ART	NY....BA-600A	1	WICEET, ROBERT	MD.....S-120
2	GOLDENBERG, JOE	MO....TFM1600	4	WITKINS, DAVID	IL.....R530
3	GREEN, HOLMES	TX.....51J3	2	YAJEO, ROBERT	PA.....DX-120
1	GRIFFITH, DON	CO.....R4B	1	YANEY, DENISE	IN.....AIR -17
1	GRISHIN, IVAN	ONT....9R59D	1	ZELASKO, LEO	IN.....SPR4
2	HAMBRIGHT, JEFF	NJ.....SPR4	3	ZILMER, BOB	WI.....SPR4
1	HAMILTON, KEN	CA.....?	2	ZIMAROWSKI, MARK	MA.....?
1	HANSEN, CHRIS	MA....SC 800B			
1	HOWARD, RON	MD.....SB-310			
2	JESSEN, WILBUR	OR.....R-530			

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This Month Courtesy Of:

Don Johnson

2	JOHNSON, DON	CA.....SPR4
1	KAMP, STEVE	CA....HQ-140X
1	KRATTER, JULIAN	NY....XCR-30
3	LANOUE, RON	MA....SEARS-20
2	LEISTNER, LOU &	CA.....SPR4
2	LOVELL, JIM	KY....SX-100
1	LUBERSKI, THOMAS	MI....HRO-501
3	MAHER, JAMES	NY....EX-150A
1	MAPPIN, RUSS	WA.....SPR4
2	MASEK, JACKIE	IL.....?
3	MILLER, AL	OH....HRO-500
3	NEUMANN, SERGE	HOLLAND..SPR4
3	NIKOLICH, MIKE	IL.....SX-190
1	PAPPAS, ANDY	IL.....?
2	PATERSON, PAT	GA.....SX-99

Contributor's Lists were not received from: Mayo, Handler, & Koukol this month so if you have credits coming from these columns, have no fear. We will include them with next months list, if they arrive by then.....

Our thanks to the above SWL'ers who braved heat, cold, the dead of night, and the summer 'blahs' to send in reports to SPEEDX editors. KEEP 'EM COMING!!!

How about members who have not sent in the type of receiver used yet, to do so please. Just mention what you are using to one editor one time, and we will remember.



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73 & GUD DX

Don J.

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