SPEEDX

the dx radio magazine for active shortwave listeners.

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CONGRATULATIONS TO 6 NEW FULL MEMBERS

GLENN THOMPSON DEMING, NM RENEE SCHNEIDER VAN NUYS, CA MICHAEL O'SHEA BUFFALO, NY

JOSEPH KANNRY BRONX, NY DEMPSEY CREWS

JAMES CAPILI HONOLULU, HI

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

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

H.L. CHADBOURNE LA JOLLA, CA

DOUG COPELAND MAN., CANADA

EARL WARFIELD MT CARROL, IL DONALD SCHEILING BUENA PARK, CA

*RICHARD LEWIS HAVERTOWN, PA

*JOHN ROGERS LEWISTON, ME *DAVE CLARKE ONT., CANADA *D. BARBER ALB., CANADA

CRISPINO MESSINA ITALY DONALD HEIM ALLENTOWN, PA DENNIS DEAN DAYTON, OH A. VAN HIMBERGEN CHERBOYGAN, MI

JOHN WALTERS MAPLE SHADE, NJ PETER POMPE BELGIUN

* Is my face red! Apologies to 4 new Associate members whose names should have appeared in the September issue of SPEEDX. We are asking each of you to support SPEEDX by sharing your loggings and ideas with others.

-***-

RADIO RSA DX CORNER - DX COMPETITION

Gerry E. Wood DX Editor RSA announces a Certificate will be issued to each listener correctly verifying 6 frequencies. Reports for 3 external frequencies(RSA) and 3 internal (SABC) frequencies. Reports can be sent individually but must be marked, Radio RSA DX Competition. Report number------. All reports to be sent to Radio RSA P.O. Box 4559 Johannesburg, South Africa. Competition ends 31 December 1974.

-***-

BOSTON AREA DXERS

The BAD GUYS will get together at the home of Mark Scannell, 20 Ridgewood Drive Norwood, Mass. on Sunday November 17 1974. Information may be obtained from Frank Testa, 617-588-4921 or from Mark, 617-762-7051.

SOUTHERN CALIFORNIA AREA DXERS

The big date for the SCADS meeting is Saturday November 23, 12536 Arabian Way, Poway, Calif.

FOR SALE

Allied SX-190, speaker & Superlex head-phones. Hardly used. \$200.00 write or phone Maurice Roberts, 7151 Orange, Highland, CA 92346. Ph. 714-864-0521

FOR SALE OR TRADE

A SRR-13 receiver for \$400.00, including technical manual and power extender. You ship. Will trade for any one of following complete working receivers, including tech manual: Collins 51S-1 or 75S-3C; Galaxy R1530 or R530; Drake SPR-4, R4-C or SW4-A. The Drake receivers must have complete coverage 2.5-5 mHz plus all international SW bands (11-49 meters). In case of trade we each pay own shipping. Contact Charles A. Wootten, 4911 Battery Lane, Apt. 1, Bethesda, Maryland 20014.

WANTED

A communication type receiver with full coverage that is fairly new and in good condition; Interested in Drake SPR-4 or SW-4A or comparable receiver. Please contact Scott L Sigel, 135 Deppe Lane, Ottumwa, Iowa 52501.

DX JUKE BOX RADIO NEDERLAND

Harry van Gelder has informed us that he is retiring from DX Juke Box. His successor Dick Speekman who was introduced on the October 10th program will take over on November 1 1974. Harry will be missed, however because of van Gelder's interest in the DX Handicapped Aid Campaign and is a representative of HAP International Coordinating Committee, he will have a hand in DX Juke Box from time to time.

On behalf of the members and staff of SPEEDX, we wish Harry the very best.

HAP CHRISTMAS FUND DRIVE

Is there a better way of wishing your DX friends a Merry Christmas then by sending \$1.00 or more to SPEEDX Hdqs. to help support the Handicapped Aid Program (HAP). The decorative Holiday page is now being prepared for your name. To insure that your Holiday wishes are known by DXers, will you please forward your donation today.

RADIO CALIFORNIA-USA

Due to John Drew's health he was forced to suspend the operations of the Radio California-USA News letter in October. Anyone wishing to take over the operation should contact John Drew 3858 226th St. #200, Torrance, California 90505. John, SPEEDX was sorry to hear of your Doctor's order and we do wish you the best. Word just received: R/C-USA has moved to AZ.

ANARC'S MAN OF THE YEAR COMMITTEE

Al Reynolds has announced that he has appointed Gene Moser as Chairman of the Man of the Year Committee. Gene will coordinate the Man of the Year award and related matters. Congratulations Gene to this important task.

QSL EDITORS

Doug, we are going to miss you!! Doug tells you in his column, that his last QSL column will be the December issue. Bill Cleveland of 2441 Fairview Drive, Visalia, Calif. will be the new SPEEDX QSL Editor, starting with the January issue. All QSL items for the January issue are to be mailed to Bill at the Visalia address to reach him no later than December 15. All items for the December issue are to be mailed to Doug San Jose, CA.





RESEARCH/COMPILATION/REDACTION by A. W. BROOKS 74 Massachusetts Road Oakdale, Connecticut 06370

THE SAGA OF THE BULGARIAN WISHING WELL (or "Entries Must Be Received By..."): One of the more interesting sidelights of listening to foreign radio programs is for a number of enthusiasts the chance to participate in station-sponsored RADIO SOFIA contests. While the prizes range from a two week stay in picturesque Irkutsk in January to stereopticon pictures of ancient aboriginal fertility rites in downtown Moncton, the subjects of any essay contest thus presented are always propagadized...if not politically or culturally, at least promoting tourism. Oh, yes, I try my hand from time to time. For my efforts I have a few souvenirs not the least of which is my Bulgarian Wishing Well, a wooden handicraft award for my writing in a Radio Sofia-Lenin Centenary competition...but the conversation piece of the lot is a form letter from Radio Berlin International after submission of a highly uncomplimentary endeavor concerning the aforementioned Mr. Lenin in which they stated "your essay showed that you, too, belong to those BULGARIA for whom Lenin's ideas are a guide". I wonder if they ever really read them?

"THIS WASN'T INTENDED TO BE A PARTY LINE": Two operators employed by the Israeli Posts and Telecommunications Administration were recently fired for listening to telephone calls. How was their secret eavesdropping discovered? During a call from Washington to a government building in Israel one of the callers asked the other a question to which he did not know the answer. But the operator did...and, most unwisely, gave it.

SURPRISE PARTY: A few years ago one of the major SW broadcasters advertized in their program bulletin monthly segment entitled simply "Surprise Program". Canada, however, pulled it off without warning on 7 September in their 1200 GMT transmission by inadvertently broadcasting Sunday's programming on Saturday, Surprise!

YOU'RE NOT LIKELY TO HEAR IT ON PAPUA-NEW GUINEA BROADCASTING, BUT ... the administration of the now self-governing republic does not plan to put an end to the traditional custom there of paying for brides in money and/or livestock. According to an item appearing in a recent issue of Family Circle magazine, the going rate for a new bride is five pigs, one cassowary, and three hundred dollars. On the other hand, a woman who has been married before has "...no commercial value ... " as far as the law is concerned; nonetheless, it is considered a graceful gesture to give a token sum of, say, two pigs, one cassowary, and thirty-seven dollars in exchange for her hand. Presumably, all but the legal tender as a medium of exchange are immune from inflationary increases. Quickly, now, just how much is your bride worth ... in round cassowaries, of course ...

FIFTY YEARS OF RADIO BROADCASTING HONORED:

Two more postage stamps have recently been

released commemorating the Golden Anniver-

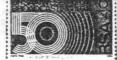
THRUSH STRIKES AGAIN:: Alameda County SPEEDXer Gus Miller forwards the accompanying news item from an October story Mobile, Ale. by Associated Press.An unreliable rumor says that at a recent Eng- terday lish section meeting at Radio Moscow voted that Mr. Giddens be wished a speedy recevery. Reports indicated that the motion passed by a margin of 12 to 10:

ACORNS FROM OAKDALE:

A Prague abortion results in a cancelled Czech...



erican director, yesterday was reported resting quietly after undergoing surmy at a Mobile hospital. Giddens, a Mobile busihas headed the of America overseas gram since 1969.



sary of Broadcasting and a third issue will join them in December. Back on 13 July the Republic of South Africa honored the fifty year mark with a single 4¢ issue...then on 2 September Austria issued a single stamp signalling Fifty Years of Sound Broadcasting. The latter issue features prominent display of the ORF emblem. Next month the Swedish Postal Administration will print a 75-ore denomination issued to commemorate a half-century of broadcasting in Sweden....



.IF YOU MUST BLAME SOMEONE FOR THIS CONTINUATION, MAKE IT ALAN W. BROOKS!

LXXIII AND GOOD DX: Chris hansen, ANARC's resident consultant on all things classical, has composed a reception report form in the Latin language. Use of this form will assure you

LATIN REPORT FORM	ENGLISH TRANSLATION
Optimi viri:	Esteened Sirs:
Volo referre vobis relationem undarum radio- phonicarum audirarum a me quas misistis per aethera. Ago de singulis relationis.	I wish to send to you a reception report. Here are the details.
Audivi undās vestrās radiophonicās:	I heard your broadcast: Date
Hora Numerus agitātiŏnum undārum radiŏphonicarum in unŏ momenŧŏ	Time_ Frequency_
Hic est quanta vis esset in undis radiophon.	Here is how much strength there was in your broadcast
Hic est quanto alienae undae radiophon. se immiscerent in undas radioph.vestras	Here is by how much other signals mixed in themselves with yours
Hic est quanto magnitūdo stridoris esset in undis radiophon.vestris Hic est in quo statu undae radioph. vestrae	signal Here is in what state your signals come to
venerent apud ne Hic est quantum virtutis omnino esset in un-	me
dīs radioph. vestrīs	was in your broadcast I now give details on the music and talk which was in your broadcast
Meum instrumentum ad undās radioph.recip- iendās est	My radio receiver is
Mea antenna radioph. est	My antenna type is
Gratiās ago vobīs quod ēgistis tantum tempus ad meum relationem legendum; spero meum relationem tenuisse vos atque magnī aestimātum esse vobīs; spero mē quoque recepturum cartam ad relationem confirmandum. Denique post gratiās agendās vobīs, sum,cum IXXIII,	I thank you for taking so much time to read my report. I hope that my report was interesting and worthwhile to you; I also hope that I will receive a QSL card Lastly, after thanking you, I am, with 73's,
Vester famulus oboedientissimus,	Your obedient servant,

TUNE IN AGAIN TOMORROW...SAME TIME...SAME FREQUENCI: EXERCISING ONCE AGAIN his keen sense of reportorial excellence Jack Jones, our correspondent in Jackson, Mississippi, forwards this excerpt from the most widely read section of any newspaper and wonders aloud if maybe the guy who draws this is a DXer ...

ONE A.M.

CONCLUDES

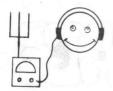
PROGRAMMING

FOR TODAY.

AND THIS

THE WIZARD OF ID





TECHNICAL TOPICS

JOHN L. KOLB 12532 ARABIAN WAY POWAY, CA 92064

Hello there readers. Only one question received here this month, so get busy and send in your questions.

Bill Klett writes "I have a perfectly dead spot in my SPR-4 at 4972 MHz. The S meter registers S9 / 40, and is exactly the same with or without an antenna. There is absolutely no sound or noise of any kind. Can you explain?" Drake mentions in the operating manual that there are various unavoidable spurious internal signals, due to the outputs of internal conversion oscillators. 4972 is another one for their list. This is not a dead spot, but the receiver being blanked by a strong carrier, in this case, inside the radio. If you switch to CW, ISB, or USB modes, you will hear a hetrodyne as you tune towards this frequency, indicating the presence of a carrier. The SPR-4 is a superhetrodyne. Where most superhets have a simple local oscillator, Drake gets their L.O. signal by mixing various crystal freqs with a tunable oscillator, the main tuning dial, which covers a freq range from 5445 kHz at 0, and 4945 at 500 on the tuning dial. At a received frequency of 4972½, the tunable oscillator (P.T.O.) frequency is also 4972½, and this leaks back into the RF stages of the receiver just as if it had come in on the antenna. Note: all this was on the 4.5-5.0 MHz range; 4972 can be received on the 5.0-5.5 MHz range OK. Most complex receivers such as the Drake will have a few suprious signals of some sort, and these just have to be lived with. It's much better to have a few unusable freqs like this than poor performance on most freqs because of images.

Bill would also like to know the names of any receivers I consider better than the SPR-4 for over-all performance. I like the SPR-4 better than any receiver I've owned. The Swan 600-R might be marginally better, but it is a ham band only receiver. The Drake R-4C might be better if you don't need broadcast band. The Allied SX-190, while not up to the SPR-4, was a better deal to many because of it's low price. No longer available, unfortunately. The AX-190, the ham band equivalent, can be converted to a SX-190, if you have fair mechanical and electrical skills. Write Grant Manning for details. The AX-190 is rather common second hand. Yaesu Musen (Japanese) has a couple of new high performance receivers much like the SPR-4, but I don't have any data on them.

Don't forget, there's a meeting of the Southern California Area DXers here in Poway on November 23. Write for details.

Gene Moser, HAP Director, would like to know how and when a RF Gain control should be used. A RF Gain control reduces the gain of the receiver in the early stages; the RF amp and perhaps the first IF. The normal volume or AF gain control controls the gain after the detector. For AM stations leave the RF gain up full usually. The diode detector used for AM works best at high input levels. In the early days of SSB, normal AM diode detectors were being used for receiving SSB. In this case, the BFO signal at the detector must be much stronger than the SSB signal to be received, so the proceedure was to turn the AF gain all the way up, and control the listening level with the RF gain control. This keeps a low signal level at the detector. Modern receivers, however, are built with product detectors for use on SSB, and all this is not necessary. In the HRO-500 manual, National states "Under certain conditions of high background signal level (such as frequently encountered in the amateur and marine bands), intelligibility of the stronger desired signal is impaired because of AGC action on background signals which increases them in amplitude. The normal proceedure in such instances is to turn down the RF GAIN control of the receiver in order to reduce or eliminate AGC action on weaker background signals. Although the performance of the receiver is usually somewhat improved, AGC action is lost and it becomes necessary to "ride" the gain control." National goes on to say this is not necessary in the HRO-500 because of their AGC Threshold switch. In most receivers the RF gain control will reduce cross modulation. If your receiver is picking up signals in places where they shouldn't be, try reducing the RF gain. The RF gain in my HQ-180 didn't work that way however. It reduced the IF gain to zero before reducing the RG amp gain any, so it did no good at all. Use of the RF gain defeats the S meter in almost all receivers, usually causing the S meter to go to a high, steady reading. I've never had a reason to use the RF gain control on the SPR-4.

Thats all for this month. Don't forget to send in your questions. If you're embarrassed to ask a simple question, don't sign your name, but please write. 73'b, John



HAP PENINGS

HANDICAPPED AID PROGRAM

GENE MOSER - HAP DIRECTOR 6805 Woodland Court Coloma, Michigan 49038 USA R"

"1974 WORLD DX HANDICAPPED AID YEAR"

CORRECTION: Last month I reported that R. Canada was issuing a new QSL in tribute to WDXHAC during Sept. and Oct. That should have read Oct. and Nov. My apologies to all!

AN "OPEN LETTER": This is the first of a series. It is directed at all of you reading this column. To any club, their executvies, editors and all SML's-DXers who receive SPEEDX as a so-called "2nd Club". At any SW broadcaster. I want, and respectfully request your opinions, suggestions, comments and CONSTRUCTIVE criticism. The subject: HAP, its operation, policies and funding, its HAP chapters and the new HICC.

HAP OPERATION: As 99% of you know HAP (henceforth referred to as "we') began in Jan. 1972. Jack White, then SPEEDYTRAS editor had the idea of putting a project together to help and introduce SW to the handicapped. He felt it should be done by someone who was handicapped as a "normal" person might not understand the problems envolved. He asked me after I answered a Want Ad in his column. I was given a free hand in planning HAP. There were 3 elements I wanted to bring together as a central focus point which we would maintain at all times. 1. To introduce the physically handicapped to SW and "show then the ropes. To give them a feeling of belonging to an organization which cared more for their abilities in and out of SW, then to their disabilities. 2. To help those already in our hobby by providing replacement squipment and other services which are given to the new handicapped SWL also. 3. We had to have one other element to make our project work. Support of all kinds. Not just from SPEEDX. SPEEDX, in our first 2 years provided our only financial source. Our main publicity outlet was SPEEDX in the 1st year. The 2nd year, news of HAP was published in perhaps 80% of NA clubs, EDXC, ANARC and a few European clubs. Today we are given space on nearly all SW DX programs with regualrity, and when they don't it is my fault, for they can't air what they don't have. We are now on two stations which play taped HAP Reports; HCJ3, R. Canada. But our backbone are the Clubs. Their bulletins keep their members informed about our work. We would have problems of a severe nature without them. Unfortunately, not all clubs support our efforts. We have about 98% club support. "oh well, why kick about 2%", you may say. Because that 2% is important. It reaches an audience that we could help. If they don't publish HAP news then there's the possibility some disabled person won't be helped. So, it takes those 3 elements to make HAP-us work. A HAP cannot succeed if only 1 club operates it for their own members. With our 3 elements in mind we set out to make HAP acceptable and available to the hobby in North America.

We have the following services for the handicapped: A Welcome Wagon committee which is now part of my Assist. Director's duties because of finances, HAP PALS which is the pen pal/teaching arm of HAP, a Hospitality Hostess which sends get well, birthday, etc. cards to HAPees, loan of equipment, memberships in all clubs (1 club membership per HAPes) at price, taped SPEEDX bulletins for those with sight problems, a Blind DXers Talk, free Translation Committee privledges. Also a HAP membership card, and life membership in the Lunar AM-SSB Club and membership in the RCSWC. We furnish program schedules, handbooks and other printed material when available.

To date we have 60 HAP members. Most were in the hobby when they joined HAP. We try at all times to bring the uniformed handicapped person into HAP first. Because we reach a hobby audience, 99% of the time we are not as successful on this point. We get 9 applications from those in SW to every 1 who is new or does not know about SW. And about 10 HAPees pay for part of a club membership with HAP paying the their hald or the clubs absorb it. I have been strongly criticized because we help more handicapped who are in EW. and not bringing the new element in more. I don't know who issued the criticism as it came in the back door. We help all those who genuinely need it. We rejected about 5 applicants a year for one reason or another. As we were set up in 1972, we are performing correctly. Just because we help those in SW does not mean we don't want or try to help those not in it. I approve or reject all applicants according to our standards.

SWBC DX - Western Hemisphere

- EDITOR -

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



REFRAN

"A mal tiempo buena cara"

Saludos amigos, just returned from a two week swing through Japan, Taiwan, and Korea so you lucky folks are going to be spared the usual verbage. Before I get into the many loggings before me though I should extend mil gracias to Chris Lobdell who so ably filled in for me last month after being drafted at the last moment. Chris did, however, make one minor boo-boo in the refran which might have given you some trouble. I have, therefore, corrected it and repeated it this month. I think you'll find it a little easier to understand now and pretty good advice to the DXer who just had his wife wipe out a long awaited ID with the vacuum cleaner.

On to the loggings with the usual reminder that all time are given in GMT and that all dates are given in the month/day format. Furthermore, reception conditions are reported in the SIO Code which is explained in table below.

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

ARGENTINA

6060	0340	LRA31 R. Nacional: Sp. w/news by OM & YL (343,9/13; Dawson-CA)
6120	0138	LRX1 R. El Mundo:Sp.w/YL tlk,ID (232,9/13;Dawson-CA)
9690	0630	LRA32 Radiodifusion Argentina al Exterior: Eng. w/tlk abt Argentine
		art, pgm notes (543,10/5; Earhart-PA) (454,0400,10/2; Thompson-
		NM)(443,0445,9/18;Levin-NY)(454,0400,10/2;Cleveland-CA)
11710	2334	LRA35 Radiodifusion Argentina al Exterior: Eng. w/talk, music
		(21/1 0/26 Pania MT) (1/1/1 2258 0/12 w/falls my Waston NO)

BOLIVIA

4730	0120	CP R. Abaroa:Sp.w/TENTATIVE reception of OM tlk,romantic mx (241,9/28; Moore-PA)
		(241,9/28; Moore-PA)
4875	0225	CP75 R. La Cruz del Sur: Sp.w/tlk, ID, cl. mx (333,9/28; Moore-PA)

4875	0225	CP75 R. La Cruz del Sur:Sp.w/tlk,ID,Cl. mx (333,9/28;Moore-PA)
BRAZIL		
3265	0138	ZYB88 R. Tamandare: Port.w/TENTATIVE logging of Brazilian mx, jingles, no ID hrd due to fax QRM (2,9/15; Neumann-IN)
3297	0135	ZYX28 R, Educação Rural:Port,w/TENTATIVE reception of rapid tlk,brazilian music (2,9/17;Neumann-IN)
3375	0318	ZYK28 R. Olinda Pernambuco: Port. w/LA pop mx,tlks,ID,on past listed 0325 sign-off (333,9/17; Wootten-MD)
4807	0150	ZYS8 R. Dif. do Amazonas: Port.w/Brazilian pop mx,ads,off @ 0202
4865	0250	PRC5 R. Clube do Pará:Port.w/tlk by OM, Brazilian mx, ID @)300 (333,9/28; Grider-MD) (433,0300,10/2; Zilmer-WI)
4975	0428	ZYD39 R. Copacabana: Port.w/ID by OM,s/off @ 0432 (443,9/27; Dawson-CA)

BRAZIL (cont.)

```
4995
            0130
                      ZYX2 R. Brasil Central: Port.w/Brazilian music, ID (544,9/28;
                           Scannell-MA)
                      ZYD5 R. Ministério da Educação: Port.w/YL & OM tlk, music
  5990
            2340
                           (433,10/3;Zilmer-WI)
  6000
            2357
                      PRK5 R. Inconfidencia: Port.w/fast OM tlk (444,9/25; Moore-PA)
                      PRB21 R. Panameripana:Port.w/tlk by OM (422,10/3; Zilmer-WI)
PRL8 R. Nacional de Brasilia:Port.w/tlk,QRM de Sweden (433,10/3;
            2355
  6055
  6065
            2230
                           Zilmer-WI)
                      PRL5 R. Jornal do Comércio:Port.w/tlk (433,9/20;Zilmer-WI)
ZYB7 R. Tupi (Sao Paulo):Port.w/ancr tlking (433,10/3;Zilmer-WI)
ZYC7 R. Tupi (Rio):Port.w/tlk,mx,ads (442,9/17;Zilmer-WI)
PRC21 R. TV Gaúcha:Port.w/ID,TC,pop mx (233,9/29;Moore-PA)
  6085
            0045
  6095
            2330
            2300
  6115
  6135
            0925
  6155
            2330
                      ZYN29 R. Cultura da Bahia: Port. w/mx, tlk, ads, sometimes IDs as
                           "R. Bahia" (443,9/17; Zilmer-WI)
                      ZYE419 R. Cultura:Port.w/tlk by OM (433,10/3;Zilmer-WI)
ZYV74 R. Cuarani:Port.w/music,tlk (433,10/3;Zilmer-WI)
  6165
            2245
  6175
            2255
           0110
  9545
                      ZYZ43 R. Universo Port.w/non-stop, rapid fire chatter (444,9/19;
                           Brooks-CT)
                     ZYN29 R. Cultura da Bahia:Port.w/soccer news (232,9/18;Levin-NY)
ZYT79 R. Diário da Manhã:Port.w/IDs & freqs (333,9/14;Jones-MS)
ZYR227 R. Gazeta:Port.w/talk (332,9/22;Zilmer-WI)
ZYD4 R. Ministério da Educação:Port.w/music,talk (422,10/4;Zilmer-
  9595
           2245
  9675
            1100
 9685
           2250
  9770
           2330
                     PRL8 R. Nacional de Brasilia: Eng. w/nx, features, OK till BBC WI signs on @ 2115 (343,9/17; Brooks-CT)(433,2100,10/2; Zilmer-WI)
11780
           2100
                           (333,2040,9/26 Levin-NY)(243,2100,4/10; Hauser-OK) Is NEW
                          FREQUENCY ex 15245. According to anmts
                          Port. will return to 15245.
                     ZYZ36 R. Globo:Port.w/tlk abt Matto Grasso, ads,running late (333,9/18;Cleveland-CA)
                                                                                                      RADIO GAZETA
11805
           0313
                     ZYW24 R. Brasil Central:Port.w/fast tlk,mx
QRM from TWR (212,9/16;Agner-NJ)(444,
            0040
11815
                          2248,9/14; Wootten-MD)
11825
            0140
                      ZYB87 R. Jornal do Comércio: Port. w/anmts, mx
                            211,9/15; Agner-NJ
                     ZYB85 R. Clube Pernambuco:Port.w/high speed tlk,ID @ 2100 (333,9/15;Wootten-MD)(???, 0430 sign off,10/4;Hauser-OK)
           2055
11865
11925
           2204
                      ZYR78 R. Bandeirantes: Port.w/spts pgm, ID
                           (333,9/15; Wootten-MD)
                     ZYS35 R. Clube Paranaense:Port.w/nx,ID, off
suddenly @ 2210 (444,9/15;Wootten-MD)
ZYK33 R. Jornal de Comércio:Port.w/spts,tlk
QRM de RNE (322,9/28;Zilmer-WI)(433,0027,
           2209
                                                                                                       DISPARADA
11935
                                                                                                      no
                                                                                                                utebol
           2300
15145
                          10/3; Cleveland-CA) (333,0035,10/3; Earhart-PA)
15155
            2339
                     ZYB9 R. Tupi (São Paulo): Port. w/march mx, OM tlk(353,9/26; Miller-OH)
CANADA
                     CBC Northern Svc.: Eng.w/Team Canada-USSR hockey match, some QRN
  5960
           0300
                     C-4,9/17; Famularo-NJ) (554,0320,9/16; Stuart-OK)

Radio Canada Intl.: Eng. w/nx, spts nx, VOA QRM (534,6/10; Trzaskus-IL)

(454,0915,9/8; Capili-HI) (322,1320,9/10; Smith-FL) (454,1103,9/18;

Wootten-MD)
 5970
           1200
 6005
           1717
                     CFCX, Montreal: Eng. w/ads, tlk (354,9/28; Moore-PA)(--3,1523,9/14;
                          Famularo-NJ)
           0600
                     CFRX, Toronto: Eng. w/nxcst,ads (333,9/10; Davis-CA)(333,2018,10/4;
 6070
                          Agner-NJ
 6085
           0107
                     Radio Canada Intl.: Eng. w/news, spts (544,9/20; Yajko-PA) (444,0100,
                          10/1; Froemming-AR) (--3,0110,9/24; Famularo-NJ)
                     Radio Canada Intl.: Eng. W/news by YL (433,9/21; Scannell-CA)(433,0/400,9/22; Zilmer-WI) Is NEW FREQUENCY!!
           0556
 6135
                     CKZN.St. Johns: Eng.w/ID,TC,pop mx (242,9/13;Jones-MS)
CKZU. Vancouver: Eng.w/local nx,spts (332,9/24;Cleveland-CA)
R. Canada Intl.: Eng.w/tlk on rock mx,Is USB test feed to Malta
 6160
           0911
           1405
 6160
           2200
 9332
                     which, though it does not belong here is included because of its newsworthyness. (333,9/20;Zilmer-WI)

CBC Northern Svc.: Eng. w/usual features (444,10/5;Jones-MS)
 9480
           0610
                     CBC Northern Svc.: Eng.w/cmntry on US political scene (343,9/9;
Meehan-CA)(533,2215,10/1;Levin-NY)(232,0910,9/11;Capili-HI)

R. Canada Intl.: Eng.w/mailbag pgm,DX pgm (343,9/22;Levin-NY)

(433,9/9,0112;Wpotten-MD)
 9625
           2235
 9655
           0525
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CANADA (cont.)
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9740
                        0200
                                            BBC, Sackville: Eng. w/election returns (???, 10/11; Hauser-OK)
      9755
                                           R. Canada Intl.: Eng.w/nx,cmntry, tlk on Montreal museum(444,9/25;
Thompson-NM)(555,0112,9/28;Smith-FL)(554,0100,9/28;Zilmer-WI)
                        0115
                                          Thompson-NM(555,U112,9/20;Smith-FL)(5)4,U100,9/20;Zilimer-MB.

R. Canada Intl.:Eng.w/features (232,9/14;Wootten-MD)

R. Canada Intl.:Eng.w/sign off after nxcst (333,10/5;Agner-NJ)

R. Canada Intl.:Eng.w/mx,magazine,but no nx because of labor difficulties (???,9/27;Hauser-OK)(544,1955,9/23;Chaffin-CBC Armed Forces Svc.:Eng.w/nx (333,9/9;Meehan-CA)

R. Canada Intl.:Eng.w/spts tlk (433,9/12;Yajko-PA)
  11710
                        0130
   11825
                        1257
  11855
                        1833
  15325
                        2218
  17820
                                                                                                                                                                                                                              CAMEROON )
                        2112
  CHILE
                                      CE956 R. Nac. de Chile: Eng. w/"LV de CHILE" pgm noted here as well on 9550,9560, and now here apparently searching for a 31 mb freq. (9560,333,9/29; Schelling-CA) (9560,322,2215,9/23; Zilmer-WI) (9550,343,0038,9/17; Brooks-CT) (9565,343,0015,10/18; ye Ed-MA) (9567; Emisora Diego Portales: Sp. w/TD, OM tlk (333,9/18; Miller-OH) (443,0020,9/26; Cleveland-CA) (433,0058,9/23; Zilmer-WI) (218181; Nac. de Chile: Eng. w/"LV de CHILE" pgm, nx, cmntry (433,9/29; Zilmer-WI) (???,0442,9/23; Hauser-OK) Is // 15150 (21515; R. Nac. de Chile: Eng. w/"LV de CHILE" pgm w/nx (433,9/26; Paris-MI) (333,0040,9/18; Redman-IL) (232,0025,9/9; Meehan-CA)
     9565v 0230
    9571
                        0102
 11810
                       1237
 15150
                       0037
 COLOMBIA
                                        HJLE R. Ambalá:Sp.w/sign off after TC,ID, is latest freq for this one (???,10/7;Hauser-OK)(353,0050,10/1,on 3020;Moore-PA)

HJKC Emisora Nuevo Mundo:Sp.w/tango mx,CARACOL IDs, some UTE QRM (222,9/17;Redman-IL)(222,0945,9/17;Neumann-IN)(222,0215,9/28; Grider-MD)(332,0410,9/19;Cleveland-CA)(233,0315,9/9;Rogers-ME)

HJLW Ecos del Combeima:Sp.w/Ib,ads,Super nx (343,10/2;Moore-PA)
    3001
                      0355
    4755
                       0545
   4767
                      0152
   4787
                      0053
                                       HJLW Ecos del Combeima: Sp.w/ID, ads, Super nx (343,10/2; Moore-PA) (--4,0030,9/24; Neumann-IN) (323,0130,10/1; Jones-MS) (343,0538,9/29; Cleveland-CA) (444,0325,9/24; Redman-IL) HJDH R. Colosal: Sp.w/ID, music (433,9/28; Kolb-FL) (443,0515,9/14; Beal-WA) (444,0459,9/12; Redman-IL) (343,0424,9/18; Cleveland-CA) HJCQ R. Nacional: Sp.w/Correspondence course in Eng., history, math (332,9/27; Tannenwald-NY) (333,0945,9/30; Beal-WA) (343,0430,9/18; Cleveland-CA) (433,0000,10/2; Zilmer-WI) (444,0230,9/24; Redman-HJAE R. Santa FE.Sp. w/Colombian mv. many IDe (333,0/14; Real-WA) II.)
   4945
                      0805
   4955
                     0130
                                       Cleveland-CA)(433,0000,10/2;Zilmer-WI)(444,0230,9/24;Redman-HJAE R. Santa FE:Sp.w/Colombian mx,many IDs(333,9/14;Beal-WA)IL)
HJOX Emisora Cultural Surcolombiana:Sp.w/mx,anmts (442,9/20;
Trubee-HI)(343,0143,9/28;Moore-PA)(333,0543,9/18;Day-CA)
HJIT Ecos del Atrato:Sp.w/Colombian mx,IDs (443,10/3;Moore-PA)
HJOT Brisas del Citará:Sp.w/romantic mx,ID,TCs,ads for local
almacén(454,10/3;Moore-PA)(333,0040,10/9;Whitehead-MA)
HJGC R. Sutatenza:Sp.w/man reading nx (433,9/26;Grider-MD)(443,
  4965
                     0501
   5010
                     0700
  5016
                     0133
  5032v 0136
                                                 C R. Sutatenza: Sp. W. O238,9/25; Cleveland-CA)
  5075
                     0100
                                       HJGG R. Sutatenza: Sp.w/nx, spts tlk, ads (332,9/27; Tannenwald-NY)
HJ?? R. Super de Medellin: Sp.w/ID, usual Super Radio format (333,
9/24; Day-CA)(354,0247,9/28; Moore-PA)(433,0330,9/26; Zilmer-WI)
  5095
                     0100
  5952
                     0635
                                      9/24;Day-LA)(304,024,034,034,034,038,9/22;Jones-MS)

HJKV LV de Colombia:Sp.w/ID @ 0332,LA mx (322,9/27;Beal-WA) ????

HJDF R. Mira:Sp.w/tlk,LA mx (443,9/18;Zilmer-WI)(232,1115,10/3;

Moore-PA)(454,1045,9/20;Wootten-MD)
  5955
                    0330
  6015
                    1015
                                      HJZJ. R. Nacional:Sp.w/nxcst (433,10/1;Zilmer-WI)

HJAX R. Super:Sp.w/tlk, music (454,9/29;Mosman-IL)(333,0006,9/26;

Miller-OH)(444,0750,10/4;Redman-IL)(554,0602,9/10;Davis-CA)

(444,0740,9/29;Beal-WA)(343,0615,9/17;Wootten-MD)
 6030
                    2345
 6065
                    0554
                                                W LV del Centro:Sp.w/TC,ID as La internacional Voz del Centro" (354,10/2; Hauser-OK) (444,0720,9/27; Agner-NJ) E LV del Llano:Sp.w/"música caliente", sign off @ 0505 w/anthem (443,10/5; Cleveland-CA) (443,1000,9/18; Zilmer-WI) (555,0500,4/10;
 6095
                    0704
 6115
                   0432
                                                Hauser-OK)
 6125
                   0700
                                      HJKE R. Continental: Sp.w/LA mx, several IDs (443,9/29; Beal-WA)
                                                (433,0700,10/4; Redman-IL)(343,0630,9/17; Wootten-MD)
                                      HJ?? LV del Huila:Sp.w/LA mx, IDs, "Super Noticias" (443,10/9; Cleveland-CA)
6150
                   0340
                                      HJKJ Emisora Nueva Granada:Sp.w/ID,mx pgm (343,10/2;Beal-WA) (433,1040,9/24;Zilmer-WI)
6160
                   0200
                                      HJBJ LV de la Selva:Sp.w/tlk, music, ads (443,9/19; Zilmer-W])
HJZM R. Nacional:Sp.w/English lessons (443,10/3; Zilmer-W])
6170
                   1100
9635
                   1115
                                                (143,0729,10/3; Dawson-CA)
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COSTA RICA

COSTA	RICA	
4832	0112	TIHB R. Capital:Sp.w/LA music,spts cmntry (433,9/28;Scannell-MA) (444,0505,9/25;Cleveland-CA)(433,0607,9/25;Day-CA)(444,0630,
6006	1116	9/17;Redman-IL) <u>TIHB R. Reloj</u> :Sp.w/IDs,comls,mucho tlk by OM (533,6/10;Trzaskus-IL)(444,0845,10/4;Redman-IL)(333,0558,9/24;Day-CA)
9645 12012	1313 2350	TIFC Faro del Caribe:Sp.w/Gospel mx,Rel. tlk (242,9/15;Brooks-CT) TIHB R. Reloj:Sp.w/tlk,mx,is 2x harmonic,better than the fundamental (444,9/27;Zilmer-WI)
CUBA		and the first of the selection of the se
9525	0725	R. Habana Cuba: Eng. w/tlk abt Cuba (444,10/5; Gaede-CA)(434,0635,9/4; Capili-HI)(444,0635,9/8; Davis-CA)(433,2324,9/8; Wootten-MD)
11725 11760	0237 0225	R. Habana Cuba: Eng. w/newscast (444,10/9; Gaede-CA) R. Habana Cuba: Eng. w/"VOICE OF VIETNAM" pgm (5.9/14; Famularo-NJ)
11875	0230	(534,1217,6/10;Trzawkus-IL)(434,1750,9/28;Scannell-MA) R. Habana Cuba:Sp.w/stn theme song,freqs (333,9/16;Gaede-CA) (343,0000,9/5;Trubee-HI)
11930	0135	R. Habana Cuba: Eng. w/music pgm, ID, cmntry (4,9/18; Famularo-NJ) (555,0109,9/21; Scannell-CA)
11970 15155	1430 2115	R. Habana Cuba: Sp. w/freqs, TC (222,10/3; Gaede-CA) R. Habana Cuba: Eng. w/" VOICE OF VIETNAM" pgm, orchestra mx (454,9/27; Thompson-NM) (322,2130,9/17; Yajko-PA)
17735	2058	R. Habana Cuba: Arabic w/nx on Greece and Cyprus (454,9/13; Wootten-MD)(
11760	2200	R. Habana Cuba: Sp. w/news, features (554, 9/14; Wootten-MD)
DOMINI	CAN RE	the state of the s
4775	0015	HIAS Onda Musical:Sp.w/pop mx,comls,tlk by OM (433,9/22;Redman-IL) HIRL R. Clarin:Sp.w/popular mx,IDs (4.
4850	1233	HIRL R. Clarin:Sp.w/popular mx,IDs (4, 9/25;Scott-FL) (444,0600,9/12;Redman-IL) (443,0503,9/22;Brooker-MI) (454,
		0300,10/3;Thompson-NM)(344,0057,9/17;
		Rogers-ME)(433.0450,9/25;Cleveland-CA)(333.0555,9/29;Levin-NY)(433,0730,
		10/10; Leistner-CA) (333,0630,9/13; Day-CA) (434,0155,9/28; Scannell-MA)
4881	0520	(554,0445,9/17; Wootten-MD) HIJP R. Comercial: Sp.w/music, several IDs (444,9/24; Redman-IL) (454,0515,9/17; Wootten-MD)
4930 5030	1035 0535	HIBE R. Mil:Sp.w/IDs.ads.pop LA music (343,9/21;Miller-OH) HIBB LV de Papagayo:Sp.w/mx pgm,ID w/call letters @ 0602 (232, 10/5;Day-CA)(343,0529,10/8;Jones-MS)
5970	1058	HISD R. Televisión Dominicana Sp. w/Lt mx, ID, into rel. pgm (354,9/29; Moore-PA) (443,1000,9/29; Zilmer-WI)
9505	0102	HISD R. Televisión Dominicana: Eng. w/news (443,9/2; Mosman-IL) (333,2215,9/18; Levin-NY) (434,2200,9/30; Scannell-MA) (322,
ECUADO	R	0110,9/26;Grider-MD)(444,2310,9/8;Wootten-MD)
3280	0050	HCVN7 LV del Napo:Sp.w/church svc.,ID as "LV del Napo informa" in nxcst,ad for "Bancario Nacional" (4,9/15; Neumann-IN)
3325 3380	0540 0403	HCHA2 Ondas Quevedeñas: Sp. w/Andean mx, ID(343,9/15; Cleveland-CA) HCRY4 R. Iris: Sp. w/LA mx, IDs, some Ecuadorian rhythums (433,9/15; Wootten-MD)(4,0410,9/29; Neumann-IN)
3390	0400	HCOT1 R. Zaracay:Sp.w/LA mx,ID @ 0405 (333,9/9;Rogers-ME)(443, 0526,9/15;Cleveland-CA)(222,0331,9/17;Wootten-MD)
3985	1054	HCER5 Escuelas Radiofónicas Populares: Sp. w/tlk, music (443,9/25; Zilmer-WI)
4679	0445	HCWEI R. Nacional Espejo: Sp.w/Andean mx, ads for a bank (444,9/24; Redman-IL)(344,0434,9/28; Cleveland-CA)
4750	0220	HCBK2 R. El Mundo:Sp.w/ID,spts pgm (353.9/28; Moore-PA) Don,you sure this not Emisora Nuevo Mundo???
4765	0350	HCAJ2 C.R.E.:Sp.w/intl. nx,ID,sign-off w/anthem (333,9/27;Rogers-ME)(444,0330,10/1;Redman-IL)(444,1100,9/25;Zilmer-WI)(333,
4790	0404	0445.9/28;Cleveland-CA) HCVP2 Sistema de Emisora Atalaya:Sp.w/LA & Andean tunes,ID @ 0412 (342,9/20;Cleveland-CA)
		1.1

11

Comunidad de Misioneras Sociales de la Iglesia

ROCAFUERTE No. 11-43 TELEFONO 426

MD)

Emisora Católica Cultural

APARTADO 222 LOJA ECUADOR S. A.

"LUZ Y VIDA"

NOTICIOSA - DEPORTIVA - MUSICAL - 4.825 KC, 63 METROS - 1.450 KC, 200 METROS

ECUADO	(con	<u>t.)</u>
4800	0506	HCMB5 R. Popular Independiente:Sp.w/ID @ 0509 (333,9/18;Day-CA) (???,0730,10/7,w/ID as "Popular de Cuenca";Hauser-OK)(333,0600,9/26;Redman-IL)(343,0440,9/30;Cleveland-CA)
4825	0516	HCAV3 R. Luz y Vida:Sp.w/Andean mx, ID (343,9/29; Cleveland-GA)
4910	0330	HCM.II Emisora Gran Colombia: Sp. w/ID. music (232.10/0:Day-GA)
4923 5019	0300	HCRQ1 R. Quito:Sp.w/ID,ads,nxcst,LA mx (222,9/10;Rogers-ME) HCVC3 R. Centinela del Sur:Sp.w/LA mx,ID,freqs (454,9/21; Cleveland-CA)
5064v		HCEH3 R. Nacional Progreso: Sp.w/Andean mx, ID (454,10/3; Moore-PA) HCJB LV de los Andes: Eng.w/"DX PARTY LINE" pgm(343,9/12; Thompson-
5970	0230	NH)(212,0145,10/6;Rogacki-NJ)(453,0330,9/4;Capili-HI)(423,0134,9/27;Yajko-PA)
6050 6 1 30	0145 0930	HCJB LV de los Andes:Sp.w/classical mx,ID (344,10/3;Thompson-NM) HCJB LV de los Andes:Eng.w/"UNDER THE SOUTHERN CROSS" pgm to South Pacific (323,9/27;Paris-MI)
9560	0059	HCJB LV de los Andes: Eng. w/ID, into nx (444,9/18; Stuart-OK) (444, 0448,10/6; Froemming-AR) (343,0145,10/6; Rogacki-NJ) (444,0525, 9/4; Capili-HI) (444,0130,9/27; Yajko-PA)
9715		HCJB LV de los Andes: Eng. w/nx in Special Eng., ID in Japanese 2 1215 sign-off (444.10/6:Grider-MD)
9760 9745	0630 0755	HCJB LV de los Andes: Norwegian w/rel. tlk (434,9/7; Trubee-HI) HCJB LV de los Andes: Eng. w/"BACK TO THE BIBLE" pgm (343,9/29; Leistner-CA)
11745	1440	HCJB LV de los Andes: Eng. w/rel. pgm (333,9/16; Gaede-CA)
11835 11845	0710	HCJB LV de los Andes:Sp.w/mx,tlk by YL (33,10/5;Gaede-CA) HCJB LV de los Andes:Sp.w/mx,rel. tlk (433,9/15;Wootten-MD)
11915	0716	HCJB LV de los Andes: Eng. w/religious music (333,10/5; Gaede-CA) (555,0145,10/6; Rogacki-NJ)(444,0030,9/24; Thompson-NM)(433,0350,9/21; Capili-HI)(544,0127,9/27; Yajko-PA)(544,0117,9/21;
15115	1531	Scannell-CA) HCJB LV de los Andes:Sp.w/ID,nx,music (4,9/14;Famularo-NJ)(333, 0205,10/9;Gaede-CA)(544,1519,9/22;Yajko-PA)
15265	2130	HCJB LV de los Andes: Sp. w/nx, music (333,9/18; Trubee-HI)(554,1500, 9/6; Wootten-MD)
15320	2100	HCJB LV de los Andes:German w/tlks (333,9/23;Trubee-HI)
GUATEM	ALA	
1700	0921	TGX R. Ciro's:Sp.w/IDs "en Ciro's Musical",dance mx,TCs,tlk on "piramides Yucatan" (343,9/24;Hauser-OK)
2360	1045	TGBA R. Maya de Barillas: Sp. w/tlk, local style mx (332,9/25; Zilmer-WI)(454,1136,10/1; Hauser-OK)(2,0438,9/14; Neumann-IN)
2390	0400	TGDS LV de Atitlan:Sp.w/ID,0M-YL announce mx pgm (3,9/14;
2940 3300	1129 0400	TGRY R. Rosa:Sp.w/b'day anmts,TC,slogan ID (???,10/1;Hauser-0K) TGNC R. Cultural:Eng.w/"THROUGH THE BIBLE" pgm,ID (333,9/18; Thompson-NM)(433,0245,10/1;Redman-IL)(332,0405,9/18;Cleveland-CA)(322,0425,9/25;Day-CA)(433,0335,9/15;Wootten-MD)
3325 3360	1055 0330	TGBA R. Maya de Barillas:Sp.w/rel. mx,tlk (433,9/22;Zilmer-W1) TGVN LV de Nahualá:Sp.w/music,many IDs (434,9/15;Wootten-MD)(433, 0111.10/4:Jones-MS)(343,0230,9/28;Thompson-MM)
5955 6180	0834 0830	TGNA R. Cultural:Sp.w/pop mx,YL ancr. (332,9/22;Jones-MS) TGWB LV de Guatemala:Sp.w/marimba mx,ID as "LV de Guatemala", "TGWB", and "R. Nacional" (353,9/15;Jones-MS)(434,0240,9/28; Moore-PA)(444,0915,9/15;Redman-IL)
GUYANA	1	
3290	0845	GBS Action Radio: Eng.w/comls, ID, music pgm (454,10/2; Smith-FL)(444,0100,9/17; Agner-NJ)(353,0147,9/27; Moore-PA)(232,0825,9/29; Leistner-CA)(4,0045,9/15; Neumann-IN)(232,0115,9/17; Wootten-
10		MD)

HAITI		
3345	0957	4VSO R. 4VEH: Sp.w/sign-on, anthem, intl rel. pgm w/hymns (3,
6120	1118	10/8; Neumann-IN) (432,1000,9/25; Zilmer-WI) 4VE R. 4VEH: Eng. w/religious programming (343,9/20; Wootten-MD)
9770 11835	1140 1338	4VEH R. 4VEH: Eng. w/nx, wx, IDs, mx, religious mx (444,9/17; Smith-FL) 4VEJ R. 4VEH: Eng. w/religious programming (443,9/17; Cleveland-CA)
HONDUR	RAS	(444,1300,9/21,w/"CHILDREN'S GOSPEL HOUR" pgm;Thompson-NM)
4820	0050	HRVC LV Evangélica:Sp.w/U.S. pop mx, religious messages (322,10/7;
		Kolb-FL)(333,0315,10/1;Redman-IL)(343,0357,9/19;Cleveland-CA) (232,0320,10/6;Day-CA)
4920	1105	HRPL3 R. Progreso:Sp.w/sign-on anmts (433,9/15;Redman-IL)(443, 0435,9/25;Cleveland-CA)(333,0540,9/22;Day-CA)
5875	0530	HRN LV de Honduras:Sp.w/emergency messages to San Pedro Sula in wake of FIFI (333,9/22;Day-CA)(???,0405,9/25;Hauser-OK)
6125		HRQ R. Suyapa:Sp.w/TENTATIVE reception of emergency message bcst (433,9/21;Day-CA)
MEXICO	!	
1980 2010	0314 1139	XEER LV de Cuauhtémoc: Sp. w/rock mx, ID, is 2x 990(???, 10/2; Hauser-OK)
2820	0100	XETOR R. XETOR: Sp.w/polka mx, is harmonic of 670 (10/1; Hauser-OK) XEAS R. Juventud: Sp.w/2x 1410 harmonic w/ads, TCs, music pgm,
6115	0128	overriding another harmonic (???,10/8;Hauser-0K) XEUDS R. Universidad de Sonora:Sp.w/Easy listening light music
		ID (343,9/15; Meehan-CA)(454,2100,9/15; Thompson-NM)(???,0155,9/13; Hauser-OK)
6165 9705	0655	XEWW LV de América Latina:Sp.w/local & intl.nx(444,9/27;Redman-IL) XERMX R. México:Sp.w/LA mx,nx items,ID (444,9/26;Cleveland-CA) (444,0045,9/28;Thompson-NM)(332,0325,9/30;Day-CA)
11770 11880	0045	XERMX R. México:Sp.w/orch. mx.tlk.ID @ 0100 (454.9/25:Thompson-NM)
11000	0530	XERH R. Tricolor: Sp.w/TC, ID, Mexican mx (444,9/9; Gaede-CA)(433, 2115,9/15; Redman-IL)(454,1800,9/18; Thompson-NM)(454,C110,9/12; Dawson-CA)(433,0245,9/13; Cleveland-CA)(353,0535,9/8; Earhart-PA)(343,2058,9/15; Wootten-MD)
15095 15110	0025	XERR R. Tricolor: Sp.w/Spur of 15110 noted (???,9/20; Hauser-OK) XERR R. Tricolor: Sp.w/many ads, IDs (444,10/4; Gelfand-NY)(444,
	2100	1915,9/19;Thompson=NM)(444,2345,9/28;Redman=IL)(433,1600,10/8; Mosman=IL)(343,2242,9/22;Day=CA)(333,2141,9/20;Agner=NJ)(545, 0000,9/29;Scannell=MA)(333,0430,9/8;Earhart=PA) Send those
		reports to Organización Radiofónica Orfeon S.A., Dr. Rio de la Loza 300-50, Piso, Mexico 7, D.F
15125	0045	XERMX R. México:Sp.w/LA orchestral mx (353,9/24;Dawson-CA)(444, 0045,9/18;Thompson-NM)(444,0040,9/23;Yajko-PA)
NETHER.	LANDS	ANTILLES
6020	0115	R. Nederland, Bonaire: Sp. w/tlk, lt. mx, ID (444, 9/22; Thompson-NM) (454, 0150, 9/8; Davis-CA)
6165	0330	R. Nederland, Bonaire; Dutch w/news, cmntry (555,10/10; Rogacki-NJ) (454,0225,9/20; Thompson-NM) (555,0550,9/21; Scannell-CA)
9590	0155	R. Nederland, Bonaire; Sp. w/IS, sign on anmts, into nx (544,10/4; Trzaskus-IL)(323,0425,9/26; Levin-NY)
9760 11730	0450 0655	Trans World Radio: Arabic w/rel. tlk (444,10/1; Earhart-PA) R. Nederland, Bonaire: Eng. w/mx pgm (444,10/5; Gaede-CA)(454,2130,
11815	0045	9/14; Wootten-MD) Trans World Radio: Eng. w/DX SPECIAL pgm(433,9/25; Grider-MD)(343,
		0100,9/20; Thompson-NM)(433,1225,9/28; Scannell-MA)(444,0058, 10/3; Day-CA)(454,0035,9/18; Stuart-OK)(433,0110,9/26; Paris-MI)
NICARAC	JUA	
2200	0225	YNQ R.La Lider:Sp.w/phone requests.ID, anmts, anthem at 0307 sign off. Is 2x 1100 harmonic (344,10/8; Hauser-OK)
9580	1533	YNTP R. Mar: Sp.w/ID, freqs, US Rock mx (242,9/15; Jones-MS)
PERU		
4787v	0514	OAX8F R. Atlantida:Sp.w/vocal mx,ads,gong,ID (433,10/5;Earhart-PA)(444,0450,9/15;Wootten-MD)(433,0430,9/18;Redman-IL)
4975	0405	OCX4H R. del Pacífico:Sp.w/ID as "R. Pacífico", organ mx, heavy UTE QRM (343,9/21;Cleveland-CA)
4995	0456	OAZ4C R. Andina:Sp.w/mx,ID,comls,severe het (322,9/18;Day-CA)
		(333,0435,9/18;Cleveland-CA)
		-

```
PERU (cont.)
    5010
            0502
                     OAX8V R. Eco: Sp.w/TENTATIVE logging of sign-off anmts, mention
                         of Loreto, long Peruvian anthem segment (???,9/24; Hauser-OK)
    5040v 0405
                         2K R. Libertad Sp. w/Andean mx, ID (343,9/23; Cleveland-CA)(323,0440,9/18; Day-CA)
            1030
                     OAX4H R. Nacional Mil Ochenta: Sp.w/Local style music, tlk (422,
   6095
                         9/24; Zilmer-WI)
  11914
            2155
                     OBX4R R. Nacional:Sp.w/tlks,definite ID (333,9/15;Wootten-MD)
  URUGUAY
  11835
            0000
                    CXA19 R. El Espectador: Sp.w/ID.LA mx (333,10/6; Grider-MD) (342,
                         2345,9/21; Cleveland-CA)
                                                                         (343,2306,9/14; Wootten-MD)
  VENEZUELA
   2440
            1050
                    YVLG R. Girardot: Sp.w/TENT
                         reception of tlks, no ID hrd (--1,9/17; Neumann-IN)
                                                                                              tropical
                                                                        rai
                                                                                RADIO ANUNCIADORA INTERNACIONAL,
   3225
            1034
                                Occidente:Sp.w/tlk,
                                                                              EDIFICIO TORRE DEL CESTE PRIMER PISO - EL SILENCIO
                         mx (422,9/25;Zilmer-WI)
                                                                                TELEFONOS 42.11.61 - 5 APARTADO POSTAL 3674
                         (252,0050,9/30; Moore-PA)
           0345
                    YVKT R. Libertador: Sp.w/tlk
                                                                                    CARACAS - VENEZUELA
   3245
                        LA mx (443,10/7;211mer-WI)(353,0255,9/28;Moore-PA)(333,0308,
                    9/23; Earhart-PA)242,0054,9/17; Wotten-MD)
YVQL LV de El Tigre:Sp.w/ID,LA mx,tlks (333,9/17; Wootten-MD)
YVOG R. Trujille:Sp.w/LA music,ID (343,10/7; Jones-MS)(443,1015,
   3255
           0109
   3295
           1035
                        9/25; Zilmer-WI)
   3365
           0106
                          R. Puerto Ia Cruz:Sp.w/LA mx pgm,ID (333,10/4;Jones-MS)(343,
                        0358,9/15; Wootten-MD) (353,1000,9/29; Moore-PA)
   3395
                    YVOJ R. Universidad: Sp. w/Romantic mx, ID (353,9/30; Moore-PA)(443,
           0110
                        1000,9/25; Zilmer-WI) (333,0340,9/17; Wootten-MD)
                   4770
           0120
                               Bolivar: Sp. w/South American music, ID (433,10/4; Seannell-
                   YVMO R. Lara:Sp.w/Venezuelan mx,ID (322,10/7;Kolb-FL)(434,0250, 9/25;Thompson-NM)(333,0252,9/25;Day-CA)(433,0005,9/28;Scannell-
  4800
           0040
                   YVMG R. Popular:Sp.w/LA music,ID (332,9/19;Cleveland-CA)
YVTA R. Tricolor:Sp.w/Local mx,ads (454,9/29;Moore-PA)
YVMS R. Universo:Sp.w/arpa mx,anmts (423,9/15;Redman-IL)
YVKB R. Dif Venezuela:Sp.w/North American pop mx,ID (444,9/27;
Rogers-ME) (443,0340,9/30;Cleveland-CA) (444,0145,9/24;Redman-IL)
III (454,0250,0/24;Thompson-NM) (332,0310,0/25,Day,Ca)
  4810
           0324
  4820
           1012
  4880
           1055
  4890
           0315
                   IL)(454,0250,9/24;Thompson-NM)(332,0310,9/25;Day-CA)
YVNK R. Juventud:Sp.w/pop mx,ID (433,9/30;Day-CA)(433,0200,9/24;
  4900
           0220
                        Redman-IL)
  4930
           0358
                   YVOL R. Junin: Sp.w/s/off anmts, ID, off with anthem (343,9/21;
                        Cleveland-CA)
                                             Also known as R. 860-ed
  4940
           0245
                              Yaracuy: Sp. w/LA mx, frequent IDs (443,9/25; Cleveland-CA)
                   YVNM R. Coro:Sp.w/music pgm,ID (343,9/28;Kolb-FL)(343,0116,10/2;
Moore-PA)(434,0130,9/24;Thompson-NM)(343,0252,9/25;Cleveland-
  4950
           0100
                       CA)(322,0315,9/25;Day-CA)
                       K R. Rumbos:Sp.w/ID, news (243,9/27; Dawson-CA)(--3,9/26; Scott-CA)(333,9126,10/4; Scannell-MA)(433,0035,9/15; Redman-IL)(344,0315,9/17; Thompson-NM)(454,0840,10/1; Beal-WA)
  4970
           0402
                         Ecos del Torbes:Sp.w/nx,ads,tlk on Honduran relief operation
  4980
          0100
                       (332,9/26; Tannenwald-NY)(444,0305,9/22; Redman-IL)(444,0208,
                   9/23; Jones-MS)(333,0307,10/3; Day-CA)

YVMQ R. Barquisimeto:Sp.w/ID, music (444,10/4; Scannell-MA)(444,
0005,9/15; Redman-IL)(453,0415,9/27; Dawson-CA)
  4990
          0200
                  YVMK R. Mundial:Sp.w/IDs,ads,latin music (242,9/25;Miller-OH)

(43,0505,9/15;Cleveland-CA)(333,0050,10/6;Day-CA)(444,0245,
  5030
          0500
  5050
          2310
                       9/7; Wootten-MD)
 6010
          1032
                   YVSB R. Los Andes: Sp.w/IDs, freqs, LA mx (222,9/23; Jones-MS)
YVSR R. San Sebastian: Sp.w/ID, Venezuelan mx, splatter from 6075
(423,9/26; Agner-NJ)(443,1045,9/18; Zilmer-WI)
 6070
          0028
11750
          0000
                  YVRN R. Nacional: Eng. w/nx, market report (443,9/26; Zilmer-WI)
GRENADA
 5015
         2340
                     Grenada: Eng.w/news, ID, panel discussion pgm (222,9/30; Gelfand-
                      NY)(343,2315,9/23;Miller-OH)(432,2330,9/27;Zilmer-WI)
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SWBC DX - EUROPE/AFRICA



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

Robert Butterfield P.O. Box 398 Belmont, Massachusetts 02178 U.S.A.

-Europe-

ALBANI.	A	
6200 7065	*0132 0010	R. Tirana: Eng w/ ID, s/on, nx (343 9/22 0'Shea-NY) R. Tirana: Eng ID, nx (444 9/11 Dennis-IN); (444 0026* 10/1 Yajko-PA)
7120	0300	R. Peking via Tirana: Eng commtry, mx (444 10/2 Thompson-NM)
7300	*0130	R. Tirans: Eng s/on, speech (444 10/5 Pimblett-ALBERTA); (444 9/26 Grider-MD)
9480	2053*	R. Tirana: Eng commtry, s/off w/ "Internationale" (433 9/29 Zimarowski-MA)
11985	1544	R. Tirana: Eng commtry (353 9/14 Chaffin-CAMEROON)
AUSTRI	<u>A</u>	
6155	0130	Osterreichischer Rundfunk: Eng mx, tlk (333 10/8 Bodell- OR);(322 0150 10/1 Zimarowski-MA);(444 0840
9 7 70 152 00	1200 1830	ORF: Eng tlk (323 10/8 Rose-ENGLAND) ORF: Eng commtry (333 9/29 Bodell-OR) Technical Department P. O. Box 200 A 1000 VIENNA
BELGIU	M	
9730	2302	Radiodiffusion Television Belge: Eng mailbag (433 10/10 Zimarowski-MA) of October SPEEDXGRAM. rfb.
9785ts	f 22 5 5	RTB: Eng DX prgr, text frequency replacing 9655 // 11855 (342 9/23 Zilmer-WI)
BULGAR	LA	
9700	0020	R. Sofia: Eng tlk (322 10/7 Dawson-CA); (233 0045 10/8 Dennis-IN)
17825	2116	R. Sofia: Eng nx, commtry to Afr (343 9/13 Wootten-MD)
CZECHOS	SLOVAKIA	A Charles And Control of the Control
5930 7345	0305 0105	R. Prague: Eng nx, spts (-4 10/9 Scott-FL) R. Prague: Eng nx (444 10/5 Yajko-PA); (343 0113 9/11 Dawson-CA); (322 0300 9/10 Davis-CA); (433 0305 10/8 Pimblett-ALBERTA)
95 4 0 9600	0109 1 7 30	R. Prague: Eng nx, commtry (434 10/5 Yajko-PA) R. Prague: Eng nx, commtry (333 9/13 Crawford-SCOTLAND)
DENMARE	2	
15165	*1130	R. Denmark: Danish w/ Eng s/on for Greenland (444 9/28 Scannell-MA); (343 1345* 9/14 Jones-MS)

FRANCE

15185

FINLAND 9550

1410

1813

Office de Radiodiffusion Television Francaise: Eng nx, contest to Africa (322 10/4 Meehan-CA)
ORTF: Eng nx to Afr (343 10/7 Bodell-OR)
ORTF: Eng s/on (444 9/14 Chaffin-CAMEROON) 7135 0515 11710 0520 15300 *1030

ORTF: Eng and Fr ancets for Afr, short nx features for 13 relay, abrupt off, at times // 21620 21675 (-4 10/7 Hauser-21580 1750*

R. Finland: Eng tlk (444 10/9 Rose-ENGLAND)
R. Finland: Eng tlk, mx (444 9/9 Paris-MI)

OK)

	GERMAI	Y, EAST	
	9730	*0100	Radio Berlin International: Eng w/nx, mx, commtry, special prgr (323 10/7
	15150	2000	Smith-FL) RBI: Eng nx, mx, commtry (343 9/28
	15255	2036	Zilmer-WI) To Africa RBI: Eng tlk, mx (333 9/20 O'Shea-NY)
	GERMAN	Y, WEST	
	6040	0139	Deutsche Welle: Eng nx, tlk (544 9/30 DEUTSCHER
	6085	0435	Yajko-PA) Deutsche Welle: Eng nx, commtry (444 10/6 Froemming-AZ); (333 0435 10/10 Pimblett-ALBERTA) RUNDFUNK
	9690 17845	0205 *0920	DW: Eng nx, commtry (454 9/15 Smith-FL) DW: Eng s/on to E. Asia, Aust, N.Z. (343 9/14 Chaffin-CAMEROON)
	GREAT	BRITAIN	
	5990 6195 9510 150 7 0	0230 1253 0045 0800	BBC: Eng tlk (555 10/11 Rogacki-NJ) BBC: Eng "Sports Roundup" (333 10/2 Scannell-CA) BBC: Eng w/ pop mx (444 10/2 Oliver-NH) // 9580 BBC: Eng nx (353 9/14 Chaffin-CAMEROON); (444 1130 9/28
	15160 15260 17840 21610	0150 2200 1605 1255	Scannell-MA) BBC: Eng w/ election nx (444 10/11 Dennis-IN) BBC: Eng ID, nx (4 10/6 Femularo-NJ) BBC: Eng nx (555 9/26 Yajko-PA) BBC: Eng w/ spts, ID, nx (322 9/28 Smith-FL) BC: Eng w/ spts, ID, nx (322 9/28 Smith-FL)
	GREECE		
	6090	0330	VOA, Kavala: Polish w/ commtry on president (555 10/10
	7170 7270 95 4 0	025 8 0525 1939	Rogacki-NJ) VOA: Russian nx (333 10/5 Brooker-MI) VOA: Eng tlks (333 9/30 Bodell-OR) VOA: Eng w/ mx requests (444 9/14 Chaffin-CAMEROON)
	HOLLAN	D	
	6045 6165	1400 *0200	R. Nederland: Eng DX Jukebox (555 10/3 Rose-ENGLAND) R. Nederland: Eng s/on w/ nx, commtry (333 10/10 Schelling-CA); (434 10/1 Scannell-MA); (3 9/19 Famularo-NJ); (4 0215 9/28 Scott-FL); (444 0500 10/6 Froemming-AZ)
	11730	2002	n. heueriand. Big ii, mx (433 9/14 Chairin-
	15415	1400	CAMEROON) R. Nederland: Eng nx, spotlight (333 9/17 Sridhar-INDIA)
	HUNGAR	<u>Y</u>	
	9585 9833	1615 0122	R. Budapest: Eng DX prgr (444 9/24 Crawford-SCOTLAND) R. Budapest: Eng tlk (343 9/11 Dawson-CA)
	ITALY		
	11905	*2200	Radiotelevisione Italiana: Eng w/ IS, nx, ID, mx (322 9/13 Smith-FL)
	LUXEMB	OURG	
	6090	0151	R. Luxembourg: Eng rock mx (333 ??? Smith-TN);(333 *0600 in Ger 10/6 Bodell-OR)
	MALTA		
	6145	0240	Deutsche Welle, Nigret: Ger w/ tlks, Eng ID & fqys, request for rpts (333 10/9 Cleveland-CA)
	7160 9750	0340 2345	DW: Lang? w/ tlks (333 9/9 Davis-CA) DW: Ger mx, nx, ID in Eng requesting rpts (332 10/5 Smith-FL)
1	6	1620	DW: Eng/Ger w/ ID, mx, request for rpts (454 9/14 Chaffin-CAMEROON)

MONAC	<u>0</u>	
7105	0705	Trans World Radio: Eng w/ rel tlk, mx, more tlk (343 9/29 Earhart-PA)
NORWA	Y	
7240	0530	R. Norway, Tromso: Norwegian w/lt cl mx, H.S. (232 10/10 Hickman/Bodell-OR)
9610	1400	R. Norway: Eng nx, mx (544 9/15 Crawford-SCOTLAND)
POLAN	<u>D</u>	
9550 11 8 15	1600 0210	Polish R.: Eng nx, press review (544 9/25 Crawford-SCOTLAND); Polish R.: Eng commtry (343 10/8 Pimblett-ALBERTA); (322 0300 10/6 Yajko-PA)
PORTUG	AL	
11840	0300	R. Portugal: Eng folk songs (242 10/4 Radtke-CA); (322 10/11
11935 21 4 95	0214 1405	Schelling-CA) R. Portugal: Eng tlk (433 10/11 Dennis-IN) R. Portugal: Eng nx, mx (322 10/5 Grider-MD)
ROMANI	A	
9690	2100	R. Bucharest: Eng tlk (333 9/18 Rose-ENGLAND); (323 2117
11940 15250	1500 1515	9/27 Yajko-PA) R. Bucharest: Eng nx (555 9/20 Sridhar-INDIA) R. Bucharest: Eng nx (333 9/14 Jones-MS);(333 9/25 0 Shea-NY)
RSFSR,	EUROPE	<u>AN</u>
17775	1335	R. Moscow, Kazan: Eng nx to Africa (454 9/14 Chaffin-CAMEROON)
SPAIN		
6065	0104	R. Nacional de Espana: Eng nx (544 9/26 Yajko-PA); (4 0340
11925	*0100	9/29 Scott-FL) RNE: Eng s/on, ID, mx (4 10/4 Famularo-NJ);(344 0115 10/9 Dennis-IN);(343 0303 9/10 Dawson-CA)
SWEDEN		
9630 11705	1100 0230	R. Sweden: Eng SCDXers (544 10/8 Rose-ENGLAND) R. Sweden: Eng nx to Australia, new time, ex 11940 (443
11775	*0700	10/? Zilmer-WI) R. Sweden: Eng s/on (333 10/4 Bodell-OR)
SWITZE	RLAND	
61/20n	f*0145	SBC: Eng nx // 9535, 9725, 11715 (333 9/29 Scannell-MA)
9535	*0145	15305 dropped SBC: Eng w/ TC, tlk (222 10/6 Schelling-CA)
9590 11 7 15	0919 *0145	SBC: Eng to Austr (333 10/4 Smith-FL) SBC: Eng nx (343 9/14 Wootten-MD); (433 0200 9/28 Pimblett-
11720	2100	ALBERTA) SBC: Eng nx (422 10/2 Zilmer-WI); (433 2108 9/14 Zimarowski-MA); (212 2120 9/14 Wootten-MD) QRM Canada. rfb.
11775	0645	SRC: Eng +7 k (232 0/15 Thereboo UT) (422 0740 0/05 4 WT)
11870 15140	2106 1313	SBC: Eng, nx, SW Merry-go-round (444 9/14 Chaffin-CAMEROON)
17830	1530	SBC: Eng nx (353 9/14 Chaffin-CAMEROON)
21520	1312	SBC: Eng, nr, SW Merry-go-round (444 9/14 Chaffin-CAMEROON) SBC: Eng w/ IS, ID, to India (343 10/2 Smith-FL) SBC: Eng nx (353 9/14 Chaffin-CAMEROON) SBC: Eng nx (353 9/14 Chaffin-CAMEROON) SBC: Eng w/ IS, ID, nx to India (353 9/28 Smith-FL); (555 *1415 9/28 Agner-NJ); (444 1530 10/9 Thompson-NM)

UKRAINIAN SSR

15110 1553 R. Moscow, Kiev: Eng tlk to Afr (454 9/14 Chaffin-CAMEROON)

USSR. EUROPEAN

R. Moscow: Eng nx, mailbag (433 9/29 Zilmer-WI)
R. Moscow: Eng nx (544 9/9 Wootten-MD)
R. Moscow: Eng tlk, mx (444 9/15 Gaede-CA) 7185 1200 9700 0134 11980 0715 15460 R. Tashkent: Eng nx, commtry (333 9/19 Crawford-SCOTLAND) 1400

VATICAN STATE

9605 R. Vaticana: Eng commtry into IS (433 9/29 Yajko-PA)
R. Vaticana: Eng rel tlk (444 9/15 Sridhar-INDIA) 0112 15165 1515

-Africa-

ALGERIA

9685 Radiodiffusio-Television Algerienne: Ar chanting // 11715 2315 (433 9/27 Zilmer-WI) 11960 2025 RTVA: Ar chanting (433 10/6 Kolb-FL) RTVA: Ar chanting (333 9/28 Bodell-OR) 15160 1708 RTVA: Ar chants het against BBC 21710 @ 1725, BBC off 1745, 1815 w/rock mx, audio troubles, 1847 TC in Fr, mx, ID @ 1901 "you are tuned to the English service of Radio Algiers, 19 hours GMT, here is the news, 1916 mx prgr, 1929 ID ... 21712 1900

ANGOLA

11875 1220 Emissora Oficial: Port tlks (252 9/14 Chaffin-CAMERCON)

ASCENSION ISLAND

BBC, Atlantic Relay: Eng prgr (444 9/18 Beal-WA)
BBC: Eng nx (544 10/1 Trzaskus-IL)
BBC: Sp w/ VOA prgr, believe old BBC reactivated xmtr for
this time period (??? 10/3 Hauser-OK) 9510 2320 15260 1335 17830 1335

BOTSWANA

4845t 0715 R. Botswana: U/lang w/ tlk (322 9/14 Kolb-FL)

(--3 10/10 Hauser-OK)

CANARY ISLAND

11800 0330 R. Nacional de Espana, Tenerife: Sp guitar mx (433 8/13 Cleveland-CA); (444 2242 9/14 Wootten-MD)

CONGO, PEOPLE'S REPUBLIC OF THE

CAMEROON)

4844t 2146 Radiodiffusion Television Congolaise, Pointe Noire: Vern w/ native songs (242 9/15 Miller-OH)
RTVC: Fr tlk (433 9/14 Chaffin-CAMEROON)
RTVC: Fr afro mx, tlk, IDs (323 9/26 Zimarowski-MA)
RTVC: Fr mx (233 9/26 Levin-NY); (444 1930 9/22 Kolb-FL);
(443 1940 9/26 Cleveland-CA); (454 1142 9/14 Chaffin-9610 1618 2230 1840 9715 15190

EGYPT, ARAB REPUBLIC OF

R. Cairo: Eng w/ mx, mailbag, 0315 s/off (333 10/10 Schelling-CA); (332 0312 10/3 Cleveland-CA); (433 0318 10/6 Yajko-PA); (343 0320 9/30 Pimblett-ALBERTA) R. Cairo: Eng "lighter side of the news" (443 9/24 Zilmer-WI); (443 2225 9/3 Mosman-IL) R. Cairo: Eng w/ mx, nx @ 1332 (353 9/14 Chaffin-CAMEROON) 9475 0230 9805 2150

17920 1315

ETHIOPIA

15190 *1415 ETLF: Eng ID (222 9/14 Jones-MS) 15220 1225 ETLF: Eng ID, mx (433 9/14 Chaffin-CAMEROON)

EQUATORIAL GUINEA 6250 0528 R. Santa Isabel: Vern? w/ drums and Afro chants, 0550 f/out (131 9/10 Davis-CA) GABON 4777 2301 Radiodiffusion Television Gabonaise: Fr w/ nx after Mali s/off (--3 10/1 Neumann-IN); (422 2330 10/6 Zilmer-WI); (332 0527 9/28 Cleveland-CA): (333 2245 9/24 Earhart-PA)

		0527 9/28 Cleveland-CA);(333 2245 9/24 Earhart-PA)
GHANA		
4915	0542	R. Ghana: U/lang/Eng w/ afro mx, tlks, Eng @ 0600 w/ nx (333 10/5 Bodell-OR);(333 0600 10/9 Crews-FL);(242 2152 9/17 Earhart-PA);(432 2247 9/24 Paris-MI);(444 2250 9/25 0'Shea-MY)
4980	2145	R. Ghana: Eng rel tlk, high QRN (323 9/16 Earhart-PA)
9545	2145	R. Ghana: Eng w/econ tlk (333 9/18 Levin-NY
11850	2045	R. Ghana: Eng tlks, afro mx, some U.S. pops (242 9/15 Wootten-MD)
27 545	7503	R. Ghana: Eng w/ nx. local nx. mx @ 1512 (343 9/21 Earhart-

GUINEA REPUBLIC

PA)

96 <u>50</u> ▼	2145	Radiodiffusion Nationale: Fr w/ native mx, fqy varies from 9646 to 9649 (433 9/27 Zilmer-WI); (333 0644 10/9 Crews-FL); (242 9/9 0455 Barhart-PA)
		(242 9/9 0400 Barnart-PA)

IVORY COAST

11920	2200	Radiodiffusion Television Ivoirienne: Fr w/ jazz 'til 2200, then nx (454!! 9/15 Wootten-WD); (332 0645 10/5 Earhart-PA); (353 1510 9/14 Chaffin-CAMERCON)
		(3)3 1)10 3/14 OHGITIH OMMINICON/

LESOTHO

LIBERIA

4800t 0641 R. Lesotho: U/lang w/ afro "beat" mx, then tlks (232 10/7 Bodell-OR)

0610

ELWA: Eng tlk, ID @ 0615,

Mille		2215 w/ VOA nx 10/7 0'Shea- NY);(333 2215 9/26 Grider-MD)
, , ,	BAN. •	6180 0740 VOA, Monrovia: Eng w/ special
-	W	prgr due to propagation problems // 6035 (353 9/16 Jones-MS)
~ 6		7195 0320 VOA: Eng commtry (333 10/3
•		Cleveland-CA); (444 0540 9/13
		Stuart-OK)
7280	0320	VOA: Eng nx, commtry (333 9/20 Thompson-NM); (444 0420 10/5 Cleveland-CA)
9515	2129	VOA: Eng press conference (433 9/14 Chaffin-CAMEROON)
11940	2040	ELWA: Eng rel tlk (343 9/24 Oliver-NH)
15315	2105	VOA: Fr nx (252 9/18 Trubee-HI)
17775	2130	VOA: Eng w/ short stories (544 10/4 Beal-WA)
17870	1630	VOA: Eng nx (554 9/14 Chaffin-CAMEROON); (454 2122 9/13
	200	Wootten_MD)

MALAGASY REPUBLIC

21610 1600

11730	*2000	R. Nederland, Tananarive: Eng nx, spotlight, DX Juke Box (434 9/26 Scannell-MA); (444 2025 9/26 Levin-NY); (434 2115
15195	1332	10/1 Zimarowski-MA) R. Nederland: Dutch w/ rel prgr, 1350* (544 10/6 Trzaskus-IL)

VOA: Eng nx, mx. ID @ 1601 (444 9/14 Thompson-NM)

MALI 4780 0610 R. Mali: Vern w/ native chant (433 9/14 Kolb-FL); (343 0608 9/27 Earhart-PA); (--3 2240 in Fr 10/1 Neumann-IN); (242 2255 9/10 Miller-OH) R. Mali: Fr w/ mx (433 9/30 Zilmer-WI);(321 0645 9/30 5995 2345 Earhart-PA) R. Mali: Arabic (?? Sure of lang? rfb.) w/ local folk mx 7110 2135 (343 9/26 Wootten-MD) MOROCCO VOA, Tangier: Eng w/ station ID (--2 10/10 Scott-FL) VOA: Eng w/ intww (322 10/10 Pimblett-ALBERTA) Radiodiffusion Television Marocaine: Fr w/ Arabic chants, yl tlk (242 9/8 Davis-CA) VOA: Eng intvw (333 9/14 Chaffin-CAMEROON); (343 0545 10/9 Crews-FL) 7240 0230 7270 0440 11735 2040 11760 2152 15195 2000* VOA: Eng w/ IS, VOA ID, IS, Tangier ID, off (312 9/24 Agner-NJ) 15205 2120 VOA: Eng nx (343 9/14 Chaffin-CAMEROON) MOZAMBIQUE R. Clube de Mocambique: Eng w/ ID, commls, pop mx (333 10/3 Crews-CA) A friend in Beira says radio stations there have 11780 0545 been running extended skeds due to the political situation. Might be a good time to log the regional stations. rfb. NIGERIA Nigerian Broadcasting Corporation, Lagos: U/lang w/mx, nx (252 ??? Smith-TN) 4990 0443 6025 2300 NBC, Enugu: Eng nx summary, 2305 s/off (422 10/4 Zilmer-WI) 6195 0538 NBC, Sokoto: Vern w/ afro chants, nx in Eng @ 0600 (343 9/29 Earhart-PA) RWANDA Deutsche Welle, Kigali: Swahili prgr into Eng @ 0430 (333 9/14 7225 0405 Thompson-NM) 11905 *0545 DW: Eng s/on w/ IS, ID, pop mx (444 10/8 Crews-FL) 15380 *2030 DW: Ger prgr, Fr ID (444 9/25 Agner-DEUTSCHE WELLE - AFRIKA 15410 *1200 A VOIX DE LALLEMAGNE DW: Eng s/on (454 9/14 Chaffin-CAMERO SENEGAL 4890 0641 R. Senegal: U/lang tlks (232 10/5 Bodell-OR) SOUTH AFRICA SABC: Eng pop mx (--3 10/3 Scott-FL); (343 0415 9/18 Thompson-WM); (422 0420 9/18 Cleveland-CA) SABC: Eng/Afrikaans w/ Top 20, 2200 s/off (433 9/20 Grider-MD); (433 0300 9/21 Zilmer-WI); (343 0400 10/3 d'Adolf-TX); (444 0400 9/28 Thompson-NM); (433 0440 9/28 Earhart-PA); (444 0400 9/28 Cleveland-CA) 3285 0144 4810 2120 0440 9/20 Cleveland-LA/ R. RSA: Eng "Good Morning Africa" (343 10/3 d'Adolf-TX); (433 0400 10/2 Beal-WA) R. RSA: Eng w/ TC, ID, nx, commtry, mx (333 9/20 Smith-FL); (333 0305 9/30 Thompson-NM); (444 0305 9/10 Davis-CA); (344 0320 9/11 Dawson-CA); (444 0359 9/13 Mechan-CA); (444 0413 10/5 Cleveland-CA); (444 0427 10/10 Pimblett-ALEERTA) P. S. R. RSA: Eng "Good Morning Africa" (343 10/3 dehen-CA); (444 0413 10/5 Cleveland-CA); (444 0427 10/10 Pimblett-ALEERTA); (445 0413 10/5 Cleveland-CA); (444 0427 10/10 Pimblett-ALEERTA); (455 0414 Smidhom-INDIA); (455 0414 0413 10/3 d'Adolf-TX); (444 0413 10/3 d'Adolf-T 5980 0410 7270 *0300 15220 1400 R. RSA: Eng spts, commtry (555 9/14 Sridhar-INDIA); (455 1540 9/21 Yajko-PA) TANZANIA 4825 R. Tanzania: Eng ID by yl, nat chants, nx (333 9/14 Kolb-FL) R. Tanzania: U/lang tlks (222 9/28 Bodell-OR) 0628 15435 1722 20

TOGO

R. Togo: Fr afro mx (--3 9/29 Scott-FL); (453 2245 9/24 Miller-OH); (222 2150 10/4 Gelfand-NY); (433 2132 9/16 5047 2240 Earhart-PA

REPUBLIQUE DU ZAIRE

MINISTERE DE L'INFORMATION 3me DIRECTION

RADIODIFFUSION NATIONALE

ZAIRE

La Voix du Zaire: Eng/lang w/ chanting mx (422 9/21 Zilmer-WI) LV du Zaire: Fr ID, lang tlk (333 9/21 Levin-NY);(252 0130 10/9 9658a 2245 15245 2100

Radtke-CA)

ZAMBIA

9580 1610 Zambia Broadcasting Service: Vern tlk, mx (454 9/14 Chaffin-CAMEROON)

-Clandestine-

CLANDESTINE

15481 1910 R. Portugal Livre (Romania): Port tlks, brief mx pieces (--3 9/28 Hauser-OK)

EUROPE AFRICA ROUNDUP:

Ciao! Thanks go this month to new reporters Jim Brooker and Lloyd Scott, welcome aboard. Also, a "glad to hear from you again" to Steve d'Adolf, Glen Hauser, and Serge Neumann. Not so long between reports/letters next time!

The next B.A.D. Guys meeting/get-to-gether will be held at the home of Mark Scannell / 20 Ridgewood Drive / Norwood, Massachuse 102062 on Sunday the 17th of November 1974. For those of you who don't know the Norwood area, drop Mark a note and he'll give you directions. In any case, don't forget to send him a card if you have hopes of being there. Hope to see you!

Holland - R. Nederland's DX Jukebox changes hands: In a letter dated October 1, 1974, Harry van Gelder tells us that as of the lst of November he will step down from his hosting duties for DX Jukebox and Dick Speekman will be taking over. Harry still promises to still have a hand in DK Jukebox from time to time when reporting on the HAP International Coordinating Committee. We wish both gentlemen the best of luck!

Belgium - DX-Corner: We think it's time to express our continu-thanks to Jackie Marshall and Paul Renard for their support and We think it's time to express our continued info they send each month.

Poland - How high is high?: The strongest transmitter in Europe and the tallest mast in the world is now being put into service in Poland. The mast is 2120 feet (642.5 m.) tall. That's how high!

(SCDX via R. Sridhar)

Notice to pennant collectors: Jim "Kimo" Capili sends word that Mrs. Stepanova informs him that "we send (a pennant) upon receiving no less than five (5) reception reports on our broadcasts to North America ..."

We're not the "Washington Post" but ...: ... We do our best, let the below tidbits remind you of some past news we havn't been able to fit in the last few months ...

New African nation emerges, Sept. 10

ALGIERS - The first of Portugal's African colonies to get independence becomes the new nation of Guinea-Bissau on Sept. 10

from the BostonGlobe

According to the independence a mement signed in Algiers yesterday, the colonial administration of Portuguese Guinea will be replaced by the rebel government proclaimed last fall by the liberation movement in the West African territory, the African Party for the Independence of Guinea and the Cape Verde Islands

73 3300

AZIA-ULEANIA

MEL HICKMAN
Editor, Asia/Oceania
7409 S.E. 82nd
Portland, Oregon 97266
DEADLINE: 15th of the month



Frequencies in kiloHertz Time and Date GMT Deadline: 15th

A = approximate L = listed M = measured T = tentative *0000 = S/On 0000* = S/Off

FREQ TIME SIO LOCATION



AFGHANISTAN
4650 1400 333 INDIA Radio Afghanistan: English news and comment. (Sridhar 9/10)
15195 1130 434 SCOT RA: English news and commentary. (Crawford 9/14)

BANGLADESH
11629M 1432 343 OR Radio Bangladesh: Bengali (WRTH) talks. (Bodell 10/7)
17690 1230 444 SCOT RB: English news and commentary. (Crawford 9/13)

PRUNEI
7215 1100 444 INDIA Radio Brunei: English pop music. (Sridhar 9/18)
1245 343 CA RB: English plays, mx. (Chadbourne 9/22)(Cleveland 1352 9/25)

- Burma Broadcasting Service 1340 433 BBS: Burmese nx by OM. (Cleveland 9/18) 1352 BBS: Burmese YL tlks, mx. (Jessen 10/9) 232 OR 1400 333 OR BBS: Burm w/Asian mx. (Bodell 9/30) 5040 V 1129 232 OH BBS: Burm w/mx, OM tx. (Miller 9/22) 1345 433 BBS: Burmese native mx. (Cleveland 9/25)

CHINA PLA = People's Liberation Army CPA = China Press Agency 1100 3200 252 PLA Fukien: Chinese talks, singing. (Neumann 9/17) PLA Fukien: Chinese talks, music. (Cleveland 9/16) 443 1349 CA 3260 1350 432 CA Radio Kweiyang: Chinese music, YL talking. (Cleveland 10/10) 3400 1335 454 PLA Fukien: Chinese YL w/tx and music. (Cleveland 9/19) CA 3450 1351 *1400 454 CA Radio Peking: Chinese vocal music, 1400 ID. (Cleveland 9/20) 4020 322 RP: English s/on, news by YL, utility QRM. (Cleveland 9/27) CA 4380 1318 153 CA PLA Fukien: Chinese talks by YL. (Dawson 9/18) 4960 *0930 211 HI RP: Japanese sign on. (Trubee 9/15) Radio Changsha: Chinese talk by OM. (Trubee 9/15) PLA Fukien: Chinese vocal mx // 5200. (Cleveland 10/1) 4990 232 443 0925 5170 1345 5900 1108 242 MD PLA Fukien: Chinese woman talking. (Wootten 9/18) 7050 0231 --3 NJ RP: Spanish ID, YL talk. (Famularo 9/14) China or Tirana??????? 7080 1329 153 CA RP: Chinese YL talks. (Dawson 9/10) 0325 7315L RP: English news and letterbox program. (Scott 10/9)
RP: Eng tlk on steel, power production. (Levin 10/1)
CPA: Chinese YL talk. (Gaede 10/3) FL 9750 0348 333 NY 10066 1440 333 CA . 11375 1450 CA RP: Chinese music by choral group. (Gaede 10/3) 333 11600 242 0920 HI RP: English revolutionary mx, ID, 0928*. (Capili 9/11) 11650 1245 212 MA RP: English commentary. (Scannell 9/29) 11720 0850 343 HI RP: English ID, commentary. (Capili 9/23) 11760 1330 433 SCOT RP: English news and commentary to Europe. (Crawford 9/13) 12450 0840 343 HI RP: English news. (Trubee 9/20) 15030 0200 545 INDIA RP: English talk on Chinese policies. (Sridhar 9/18) 15095 2323 353 PA RP: Spanish (?) talk and music. (Earhart 9/8) 15240 RP: Portuguese music, news at 0000. (Chaffin 9/14) 2347 333 CAMER 444 15385 0310 NM RP: English news and commentary. (Thompson 9/25) 454 RP: English tx on power resources. (Jessen 10/8)

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R. OF (CONTINUED)
 15520
          0138
                                  RP: Eng tx on China. (Yajko 10/5) (Moore same time, date 254)
                          PA
                                 RP: Chinese talk and music. (Moore 10/5)
RP: English editorial by OM. (Trzaskus 10/1) Welcome back!!!
 15550T 0148
                   153
                          PA
 17673
          0010
                   533
                          IL
         0300
                   252
 17735
                          CA
                                  RP: Eng tx on farming and food production. (10/10 Radtke)
 CHINA,
11825
          REPUBLIC OF
                              VOFC = Voice of Free China
                   333
          1425
                          CA
                                  VOFC: Chinese music and talk by OM/YL. (Gaede 10/4)
          0205
                   242
                                  VOFC: Eng (WRTH) news and music. (Brooker 10/5) Howdy, Jim.
 15125
                          MI
                                  VOFC: English news by two announcers. (Cleveland 10/c) VOFC: Eng talk on electrical power. (Radtke 10/9)
 17720
          0305
                  443
                          CA
 17890 *0200
                   353
                          CA
         1330
 INDIA
                  = All India Radio
 9535
                                  AIR: English news, cmt. (Crawford 9/14)
 11740
         1806
                   333 CAMER
                                  AIR: English news. (Chaffin 9/14)
          2145
                          MD
                   353
                                  AIR: U/lang w/local mx. (Wootten 9/14)
 11810 *1330
                  --3
                                  AIR: English s/on, news, music. This freq receives fair rpts
                                 from (Grider MD), (Kolb FL), (Cleveland CA) and (Bodell OR)
 11910
         1530
                   333
                          CA
                                  AIR: U/lang music and talk. (Gaede 9/14)
                  343 CAMER
 15080 1816
                                 AIR: English music and comments. (Chaffin 9/14)
 INDONESIA
                   RRI = Radio Republik Indonesia
          1354
 3204
                  333
                          CA
                                  RRI Bandung: Indonesian OM with native music. (Cleveland 9/13)
          1340
 3241
                  433
                          CA
                                 RRI Ambon: Indo OM tx, ID, music (native). (Cleveland 9/16)
 32 50
          1354
                  332
                          CA
                                 RRI Bandjarmasin: Indo YL vocal music, 1359 ID. (Cleveland 9/16)
 3294
          1345
                  443
                          CA
                                 RRI Samarinda: Indo native music, 1359 ID. (Cleveland 9/12)
RRI Kendari: Indo native mx, 1400 ID. Signal drifts to 3997.
 4000T
         1350
                  333
                                 (Cleveland 9/17) Welcome to the editorial ranks, Bill.
RRI Ujung Padang: Indo (WRTH) OM tx, C & W mx. (Jessen 10/6)
RRI Ujung Padang: Indo OM DJ with native mx. (Cleveland 9/21)
RRI Medan: Indonesian talks by YL. (Bodell 9/30)
 4719
                  343
         1358
                         OR
          1532
                  343
                          CA
 4764
          1401
                  323
                         OR
 4855
                  434
          1355
                         OR
                                 RRI Palembang: Indo talks and music. (Bodell 10/7)
                  333
          1515
                          CA
                                 RRI Palembang: Indo OM news, mx at 1521. (Cleveland 9/21)
                                 RRI Sorong: Indo choral music (Oriental). (Miller 9/15)
RRI Menado: Indo IS and ID twice, into nx. (Cleveland 9/30)
RRI Yogyakarta: Indo w/clear ID's, news. (d'Adolf 10/5)
Voice of Indonesia: Eng mx, news, ID. (Capili 9/4)
 4871
          1150
                  242
                          OH
 5987
         1357
                  433
                          CA
 7110
          1221
                  344
                          TX
 11790
         1100
                  343
                          HI
                 - Voice of Iran
 IRAN
 9022
         2010
                  454
                          PA
                                  VOI: English news. (Moore 10/5)
 15084
         1500
                  252
                         CA
                                 VOI (Kamalabad): Farsi talk, talk, talk. (Radtke 10/5)
                             Broadcasting Authority

IBA: English news. (Mosman 10/8)

IBA: English news // 7395 (432). (Zilmer 9/22)
 ISRAEL
              IBA = Israel
 7395
         0400
                  454
                         IL
         0405
 9009
                  422
                         WI
                                 IBA: U/lang with "Shalom", IS, and cutting of carrier. (jones 9/15)
9495
         1630*
                  443
                         MS
        *1900
                  333
                        ECNA
                                 IBA: Eng nx, talks until 2050, then Hebrew. Fair to good reports
                                 from (Grider MD), (Moore PA), (Levin NY).

IBA: Eng correspondent report. (Hauser 10/9)
9815
         1910
                  ???
                         OK
15490 *1900
                  454
                         FL
                                 IBA: Eng news and talks. (Kolb 9/22) also (Levin 342 NY 9/15)
17890 A 1041
                                 IBA: English news, into French at 1059. (Chaffin 9/12)
                  333 CAMER
JAPAN
             FEN = Far East
                               Network
                                              NSB = Nihon Short-Wave Broadcasting Company
         1407
3910
                 433
                         CA
                                FEN: Eng music. (Cleveland 9/16)
3925
         0905
                 311
                         HI
                                NSB: Japanese tx. (Trubee 9/10)
         1350
                 443
                         CA
                                NSB: Japanese tx and mx
                                by OM/YL. (Cleveland 9/18)
6005
         1241
                 312
                         OR
                                NHK Nagoya: Japanese tx
                                under RA. (Bodell 10/5)
6010T
        1230
                 242
                                VOA Okinawa: Eng w/Caro!
                                Channing. (Jones 9/15)
6055
         1405
                 444
                         CA
                                NSB: R & R music with Ja-
                                panese lyrics. (Cleveland 10/3)
6115
        0645
                 343
                                NSB: Japanese stock rpts, stn
                                at Nagara. (Trubee 9/15)
        0655
                 243
                         OR
                                NSB: Japanese talks by female
                                announcer. (Bodell 10/4)
6155
        0725
                 333
                         CA
                                FEN: English mx, OM DJ. (Leistner 9/29)
        1159
                 ???
                        OK
                                FEN: Eng mx, ID, nx. (Hauser 10/5)
7140
       *1230
                 454
                        CA
                                Radio Japan: Russian after Eng s/on. (Scannell 10/3)
7165
        1346
                 443
                                VOA Okinawa: English interview. (Cleveland 10/7)
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JAPAN (CONTINUED)
7230
         0800
                          HI
                                  NHK Yamata: Japanese Sumo matches. (Trubee 9/11)
        *1200
                                  RJ: Eng news to Europe. (Zilmer 9/29)
                  322
9585
                          WI
         1959
                  444
                       CAMER
                                  RJ: English ID's and music. (Chaffin 9/14)
9595
         0650
                          CA
                                  MSB: Japanese music and talk. (Dawson 9/23) also in California by Leistner at 0840 (333 9/25) and Cleveland at 1350 (454 10/1).
11705 0950
                  433
                          HI
                                  RJ: Japanese music program. (Trubee 9/20)
                                 RJ: Japanese music program. (Truote 7/20/
RJ: English s/off // to 9700. (Chaffin 9/14)
VOA Okinawa: English news. (Beal 10/4) Okinawa or Tinang???????
RJ: English General Service news. (Sridhar 9/17)
RJ: English news and commentary. (Beal 9/26)
         1452
                  333
                          CA
         2043*
                  444
                       CAMER
11730
       1430
                  333
                          WA
11815 *1200
                  555
                      INDIA
         2000
                  554
                          WA
11830 *2159
                  444
                       CAMER
                                  VOA Okinawa: Eng s/on, then into Chinese. (Chaffin 9/14)
         0940
11875
                  242
                          HT
                                  RJ: English news, ID, commentary. (Capili 9/25)
                                  RJ: English news, cmt on food crisis. (Schelling 9/28)
RJ: Eng talk on a wedding. (Gaede 10/9)
15105 *2000
                  454
                          CA
        0200
                  333
15195
                         CA
         2213
                  433
                       CAMER
                                  RJ: English news, into Japanese. (Chaffin 9/14)
                                  RJ: Eng nx. (Yajko 10/5)
RJ: Eng nx, cmt by OM. (Capili 9/25) also 2345 433 Trubee 9/17.
       0134
                  434
                         PA
15270
         2310
                  232
         2345
                                  RJ: English news broadcast. (Scannell 9/29)
RJ: Eng news and commentary. (Moore 9/29)
                  232
                          MA
15445
         2345
                  454
                         PA
17725
         0200
                  353
                          CA
                                  RJ: Eng talk on the whale industry. (Radtke 10/10)
17880
         0510
                  232
                                  RJ: Eng news by OM, ID, hvy QRN and QSB. (Capili 9/5)
KHMER REPUBLIC
                        RNK = Radiodiffusion Nationale Khmere
4907V
         1332
                  333
                          OR
                                  RNK: Cambodian with music. (Bodell 9/30)
                  433
                                  RNK: Cambodian music, 1400 pips and ID. (Cleveland 9/24)
KOREA,
                          KCBS = Korean Central Broadcasting Station
                                 KCBS: Korean tx by YL / 3320 (343). (Bodell 9/30)
KCBS: Korean tx by YL / 3320 (343). (Cleveland 9/26)
Radio Pyongyang: Eng tx by OM, 1350* by YL. (Cleveland 9/20)
RP: Spanish mx, ID, tx. (Capili 10/3) Yipes, I left some out!
         1323
                  233
                          OR
        1343
                  444
3320
                         CA
         1340
3560
                  433
                         CA
9455
         0852
                  333
                         HI
3560
         1045*
                  433
                                  RP: English sign off announcements. (Trubee 9/15)
                          HI
7405
         1300
                  444
                         CA
                                  RP: English nx, tx, Korean and Asian music. (Miller 10/4)
7580
         1340
                  ???
                         OK
                                  RP: Eng ID, Korean music, xmsn to SEA. (Hauser 10/4)
         1200
9370
                  433
                          WI
                                  RP: English news and comment. (Zilmer 9/29)
         1440
                  353
                         PA
                                  RP: Russian OM commentary, Korean music. (Moore 10/6)
9820
         0718
                  343
                                  RP: English YL political talk. (Dawson ?/?)
                          CA
11780
        1502
                  333
                          CA
                                  RP: Korean talk by YL, into music. (Gaede 10/3)
                                  Radio Korea: English news by YM, ID at 0905. (Capili 9/11)
                                   Korean Broadcasting System
11925 1100
                 454
                         HI
                                  RK: English ID, news by OM. (Capili 8/24)
KUWAIT
9715
         1700
                  545 INDIA
                                  Radio Kuwait: English music and editorial. (Sridhar 9/11)
15415
         1727
                  343 CAMER
                                  RK: English mx, nx at 1730. (Chaffin 9/14)
         1740
                  ???
                          OK
                                  RK: Eng nx of mideast by YL, gone at 1803. RK: English jazz music, 1830 ID. (Kolb 9/15)
                                                                                           (Hauser 10/10)
         1805
                  322
                          FL
21685
        1335
                  --2
                         OK
                                  RK: Arabic music, ID. (Hauser 10/11)
                - Radiodiffusion Nationale Lao
         1350
                  332
                                  RNL: U/lang OM tx, mention of Vietnam, 1401 mx. (Cleveland 10/9)
                         CA
         1403
                  ???
                                  RNL: Lao (?) tx, nx. VOA QRM. (Bodell 10/7)
                         OR
         1400
3915
                  433
                                  BBC Tebrau: Burmese OM tx. (Cleveland 9/18)
                         CA
4845
         1405
                  454
                         CA
                                  Radio Malaysia Kuala Lumpur: Indian (WHTH) OM nx. (Cleveland 9/20)
                                 RM Penang: English pop music, ID, sports nx. (Cleveland 9/23)
RM: Malay OM talking and slow music. (Jessen 10/6)
BBC Tebrau: English identifiable. (Hauser 9/27) also hrd at 1445
in English with pop music by Thompson (NM) (444 9/24)
4985
         1342
                  333
                         CA
5005
         1355
                  333
                         OR
6195
         1800
                  ???
                         OK
9570
         1608
                  454 CAMER
                                  BBC Tebrau: English news. (Chaffin 9/14)
9665
         1511
                  433
                         CA
                                  Radio Malaysia: Eng/U/lang pop music, 1530 nx. (Chadbourne 9/22)
                                 BBC Tebrau: Chinese (?) talk and music. (Chaffin 8/24)
BBC Tebrau: Eng talk on inflation. (Cleveland 10/8)
9725
         1245
                  232 CAMER
                  444
9740
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1350

CA

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MALAYSIA (CONTINUED)
9750 1410 343
                              BBC Tebrau: English "Listeners' Choice". (Miller 9/15)
                              BBC Tebrau: English world news. (Chaffin 9/14)
11750
        1504
                353 CAMER
                              BBC Tebrau: Chinese programming. (Scannell 9/29)
        1240
11955
                433
                       MA
                              BBC Tebrau: mng classical music, news. (Chaffin 9/14)
15310
        1356
                353 CAMER
                              BBC Tebrau: English Radio Newsreel. (Moore 9/13)
17880
        0015
                252
                       PA
NEPAL
3425T
        1102
                232
                       CA
                              Radio Nepal: Nepali (?) mx, singing, 1250 news. (Chadbourne 10/4)
        1358
                221
                              RN: U/lang with OM talk, under CW QRM. (Cleveland 9/27)
PAKISTAN
9690 1
        1300
                       WI
                              Radio Pakistan: Eng nx, cmt, local music. (Zilmer 9/21)
                332
        1755
11672
                232
                       MA
                              RP: English commentary on Pakistan and Egypt. (Scannell 9/28)
                              RP: English slow speed news. (Mosman 10/8)
15520
       1530
                341
                       IL
                  VOP = Voice of Philippines
7225
                343
                              FEBC: Indonesian w/organ music, ID. (Thompson 9/18)
        1245
        0840
                              FEBC: English OM tx, into ID at 0845. (Leistner 9/25)
9505
                312
                       CA
                444
                              VOA Poro: Eng s/off with ID and location. (Cleveland 9/26)
9545
        2359*
                       CA
                              VOP: English s/on with sked for the day. (Cleveland 10/1)
9575
       *1400
                444
                       CA
                              VOP: Eng theme music, ID, tx by OM. (Capili 10/3) VOP: Eng/? with commentary on parade. (Zilmer 9/29)
9580
        0800
                232
                       HI
        1245
                       WI
                332
                              VOA Tinang: English pop American songs. (Radtke 9/22)
9630
        1500
                454
                       CA
                              FEBC: English nx, morning coffee program. (Sridhar 5/17)
FEBC: English music and sports. (Chaffin 9/14)
       0130
11855
                333 INDIA
                    CAMER
        2333
                333
                              FEBC: Eng s/on, ID, nx by OM. (Capili 9/11)
11920 *0930
                344
                       HI
15440
        1413
                353 CAMER
                              FEBC: English religious music. (Chaffin 9/14)
                              FEBC: Eng nx, cty, mx. (Zilmer 9/30)
        2330
                322
           RMS = Radio Malaysia Sabah (Kota Kinabalu)
        1400
                433
                              RMS: Malay (?) interview with OM and YL. (Cleveland 9/25)
              RMS = Radio Malaysia Sarawak (Kuching)
SARAWAK
4835
        1525
                444
                       CA
                              RMS: Malay pop mx, some utility QRM. (Cleveland 9/21)
                444
                       CA
                              RMS: Kayan (WRTH) OM with apparently news. (Cleveland 9/23)
4895
        1408
4950
        1405
                433
                       CA
                              RMS: English world news, slight heterodyne. (Cleveland 9/25)
                444
                              RMS: Bidayuh (WRTH) OM with news. (Cleveland 9/26)
5030
        1403
                       CA
                              BSKSA: Arabic ID, into fascinating
21635
       1528
                ???
                       OK
                              mixture of ancient/modern mx. off
                              at 1601. (Hauser 10/8)
                                                                                الاذاعة العربية السعودية
                                                                       SAUDI ARABIAN BROADCASTING
SINGAPORE
                              Radio Singapore: Eng nx. (Cleveland 9/24)
RS: English programming including nx, ID, pop mx, and radio drama. (Thompson NM 9/20)(Jessen OR 10/11) and (Cleveland 9/24)
5010
        1338
                333
                       CA
5052
        1330
                333
                      WCNA
                              RS: English pop music. (Dawson 9/11)
11940
        1258
                343
                       CA
                              RS: Eng nx, ID, orchestral music. (Thompson 9/30)
RS: Eng nx, ID, Neil Diamond. (Cleveland 9/21)
        1530
                444
                       NM
        1540
                444
                       CA
                SLBC = Sri Lanka Broadcasting Corporation
444 INDIA SLBC: Eng mx and commercials
SRI LANKA
                              SLBC: Eng mx and commercials on National Srvc. (Sridhar 9/11)
5025
        1200
                              VOA Colombo: Eng s/on, into U/lang, YL talk. (Cleveland 10/7)
SLBC: Hindi Oriental mx, Eng ID at 1700. (Miller 9/18)
7205
       *1359
                322
                       CA
11800 1650
                343
                       OH
                              VOA Colombo: English news, jazz music. (Beal 10/4)
11835
        1445
                333
                       WA
        1519
                              VOA Colombo: English news and editorials. (Wootten 9/6)
                       MD
15285
                232
            ERTP = Emissora de Radiodifusao de Timor Portugues
                              ERTP: Portuguese pop mx with OM DJ, CW QRM. (Cleveland 9/13)
        1407
                333
             TRT = Turkish Radio-Television Corporation
                              TRT (Voice of Turkey): Turkish mx by reed instrument, then
9515T
        0405
                353
                       PA
                              chanting song. (Earhart 9/11)
                              TRT: Turkish music, pips at 1700, into news. (Earhart 9/28)
11880 1645
                343
                       PA
UNION OF SOVIET SOCIALIST REPUBLICS
Asiatic RSFSR
                              Khabarovsk (DSWCI) here in Russian with mx. (Cleveland 9/17)
3995
        1410
                343
4040
                454
                              Vladivostok (FBIS): U/lang with classical mx, Majak IS at 1400,
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s/off with no announcement, not // 5015. (Cleveland 9/26)

1354

```
Asiatic RSFSR (Continued)
4395 0950 333 HI
                333
                              Yakutsk in Russian with concert music. (Trubee 9/15)
4610
        1415
                343
                       OR
                             OM in Russian with applause, site is Khabarovsk. (Jessen 10/6)
6035
        1755
                             Vladivostok (?) noted // 6070, 6080, and 6190. (Hauser 9/27) Russian music by YL // 6035 (443). (Jones 10/4)
                --2
                      OK
6080
        1131
                333
                       MS
                             Vladivostok (L) w/Radio Moscow Chinese, 1800 IS. (Hauser 9/27)
6165
        1800
                ???
                      OK
9730
        0720
                343
                       HI
                              RM Nikolayevsk: Eng tx, OM ID, s/off at 0730. (Capili 9/18)
11850
                             RM Vladivostok: Eng DX program on rcvrs. (Capili 10/4)
        0720
                333
                       HI
12050
        0220
                333
                      CA
                             RM Khabarovsk: Eng talk on Estonia. (Gaede 10/9)
Location Unknown
9365 0925 35
                353
                       HI
                             Majak programming in Russian w/talk and music. (Trubee 9/3)
17900
       0322
                      OK
                              "Voice of Yerevan" Eng segment // 15180. (Hauser 10/9)
Uzbek S. S.
9600
       *1200
                             Radio Tashkent: Eng s/on and into news. (Kolb 10/6)
                322
                       FL
11730
                343
       1403
                      OR
                             RT: English talks by young lady. (Bodell 10/11)
       1500
                              RT: Hindi news and talk. (Sridhar 9/18)
15115
                555 INDIA
15190 *1559
                    CAMER
                             RT: S/on in U/lang for African Srvc, S/off on same frequency at
                343
                             1600. (Chaffin 9/14) They like concise programming, hi. (MLH)
15460 1339
                             RT: U/lang with talks. (Bodell 10/11)
               232
                      OR
VIETNAM, D.
              R. OF
                         VOV - Voice of Vietnam
                      CA
                3/14
                             VOV: French music and talks by YL, ID. (Cleveland 10/4)
        1435
                333
                             VOV: Vietnamese talk by YL. (Gaede 10/3)
                      CA
VIETNAM,
          REPUBLIC OF
                            VTVN = Broadcasting Service of Vietnam
        1345
               433
                      WA
                             VTVN: Vietnamese piano music, ID at 1400. (Beal 10/4)
        1410
               454
                      CA
                             VTVN: Vietnamese nx with apparent interview. (Cleveland 9/20)
AUSTRAI
4920
        0635
               343
                      OR
                             ABC Brisbane: Eng nx, stocks in an early opening. (Bodell 10/4)
                             and by Capili 1000, leistner 1100, and Cleveland 1355.
        1100
               343
5955
                      MD
                             Radio Australia: English news. (Wootten 9/18)
5995
        0935
                343
                      CA
                             RA: Eng music and commentary. (Leistner 9/22)
                343
                             RA: Eng music, nx, and talk with children. (Trzaskus 9/21)
RA: Eng pop music. (Scannell 9/27)
        1122
                      IL
               343
        1144
                      CA
                             RA: Eng news by woman. (Wootten 9/20)
6005
        1103
                322
                      MD
                             RA: Eng nx, mx to Facific Islands // 5995. (Zilmer 9/29)
ABC Sydney: Eng news, weather, ID. (Moore 9/29)
        1200
               422
                      WI
       0910
6090
               244
                      PA
7150
        0840
               353
                      HI
                             RA: English nx on Evel Kneivel's jump. (Capili 9/7)
                             RA: Eng pop mx, stock market report. (Capili 10/1)
RA: Eng nx, mx, stock market report. (Smith 9/23)
7180
        0755
               343
                      HI
        1200
               545
                      FL
7220
        0915
               222
                             RA: Eng regional service, nx, U.S. pops. (Miller 10/5)
                      CA
       1050
               253
                             RA: Eng service to Papua New Guinea. (Moore 9/29)
                      PA
7235
        1124
                             RA: Eng nx, ID by YL. (Capili 9/25)
               333
                      HI
7280
               433
       1355
                      CA
                             RA: U/lang mx, 1400 ID, into nx. (Cleveland 10/4)
9450
                             RA: ISB feeder with English programming, pop mx. (Bodell 10/4)
RA: English musical program. (Gaede 10/5)
       0731
               332
                      OR
9540
       0730
                      CA
               333
9570
               444
       0715
                     SCOT
                             RA: English news, stock market, DX program. (Crawford 9/14)
       0835
               444
                      HI
                             RA: English horse racing schedule. (Capili 10/3) See your bookie!
       0855
               444
                             RA: Eng European service with sports, news, 0915*. (Smith 9/19)
                      FL
                             RA: Eng pop recording. (Scott 9/21) also at 1230 555(Smith 9/17)
9580
       1217
               --3
                      FL
               343 CAMER
9765
       1653
                             RA: English DX program. (Chaffin 9/14)
9770
               444
                             RA: English with Australian Newsreel. (Sridhar 9/18)
RA: English classical music program. (Gaede 10/10)
       1515
                    INDIA
11825
       1420
               333
                      CA
11930
       0700
                             RA: Eng news with gradually improving signal. (Gaede 9/15)
               333
                      CA
               433
       0720
                      HI
                             RA: Eng music and announcements. (Trubee 9/15)
15395
       0503
               343
                      OR
                             RA: English world news. (Jessen 10/8)
       0505
               343
15425
                      OR
                             ABC Perth: English pop music. (Jessen 10/8)
17870
                             RA: Eng pop music, news item from London paper. (Thompson 9/26)
       0145
               333
COOK ISLANDS
5045
       0630
               343
                      HI
                             Voice of the Cook Islands: Bill Trubee reports nightly
                             reception after Togo fades on 5047. Programs include comments,
                             news, race results, and pop music. News supplied by New Zealand.
                             Maori at 0645. Bill notes poor modulation from studio, music
                             and comment better. This on October 5, 7, and 9.
5045
                             VCI: Tentative reception reported by Ken Earhart on 10/5 with OM
       0700
               221
                      PA
                             talking, music, and poor studio modulation.
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7170
       0600
                252
                      CA
                             Radio Noumea: French pop songs w/some R & R. (Radtke 9/27)
NEW ZEALAND
                  NZBC = New Zealand Broadcasting Corporation
                             NZBC: English light music and ID. (Moore 9/29)
9520
                252
                      PA
        0939
9540
        0730
                252
                      MS
                             NZBC: English talk. (Jones 9/12)
                             NZBC: English comment, s/off at 0843. (Capili 9/17)
NZBC: English YL interviews, bird call, ID, nx. (Moore 9/24)
        0930
                333
                       HI
17770
       2032
                233
                       PA
PAPUA NEW GUINEA
                        PNGBC = Papua New Guinea Broadcasting Commission
                             Radio Northern District: Eng music, ID as "This is Radio North
2468
        1058
                       IN
                             District." at 1100, followed by sked and Papuan mx. (Neumann 9/24)
                443
                             Radio Western District: U/lang C&W music. (Beal 9/27)
3305T
        1305
                      WA
        1103
3322 V
                353
                      OH
                             Radio Bougainville: Pidgin w/children singing. (Miller 9/15)
        1115
                --3
                       IN
                             RB: English news, some adjacent QRM. (Neumann 9/17)
        1102
                232
                             Radio Wewak: Vernacular/English w/guitar mx. (Chadbourne 9/23)
3335
                       CA
        0739
                             Radio Rabaul: Eng mx, into OM nx at 0800. (Leistner 9/25)
3385
                222
                      CA
                             RR: English national news. (Bodell 10/4)
        0803
                233
                      OR
        1130
                             RR: English ID, U.S. pop music. (Neumann ?/?)
                      IN
        1350
                433
                             RR: Pidgin pops including "Battle of New Orleans". (Cleveland 9/23)
                      CA
                             PNGBC: Eng w/"Tennessee Waltz" under NSB // 4890. (Bodell 10/4)
3925
        0750
                322
                      OR
                             PNGBC: Eng music request show. (Leistner 9/29) additional sup-
4890
        0741
                      CA
                             port by (Beal WA), (Capili HI), (Scannell CA), (Thompson NM), and our soon-to-be QSL Editor (Cleveland CA).
TAHITI
6135
       0624
                      OR
                             Radio Tahiti: French tx by OM and "OL", mx. (Bodell 9/30)
                333
9750
       0406
                344
                             RT: French news. (Cleveland 10/2)
                      CA
                             RT: Tahitian to 0330, then French with island music (Ah, yes!)
11825
       0308
                343
                      CA
                             reported by Cleveland, Dawson, Leistner, and Radtke.
                             RT: Tahitian s/on and into island music. (Thompson 9/26)
RT: Tahitian C&W music, some Eng lyrics. (Cleveland 9/19)
15170 *0300
                454
                      NM
        0305
                454
                      CA
                454
                             RT: Tahitian island music, OM talk. (Moore 10/6)
15170
       0450
                      PA
CLANDESTINE
4118V
                444
       1010
                      HI
                             V. of Rev. Party for Runification: Korean talks. (Trubee 9/20)
        1410
                433
                      CA
                             VRPR: Eng tx by OM/YL, gave location as S. Korea. (Cleveland 9/16)
       1357
7014V
                333
                      OR
                             VNUFK: U/lang talks. (Bodell 10/11)
                             VNUFK: Khmer (?) YL talk // 4675 and 10079. (Cleveland 9/25) Liberation Radio: French s/on w/ID, utility QRM. (Cleveland 9/23)
        1412
                      CA
                333
7470
       1401
                                           ANTARCTICA
6012
       0630
                      OK
                             Glenn Hauser reports tentative reception of AFAN's carrier
                             on this frequency. Severe splash from VOA 6015 until 0800.
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DATELINE ...

NEW CALEDONIA

<u>PORTLAND</u>...Many thanks for your support of Bob Bodell during my absence. Bot is currently suffering from an acute case of post column withdrawals (something only editors can really understand) and those wishing to send flowers or cards may do so to 5230 S.E., Portland, Oregon, 97206.

Little audio, carrier seems to have a polar flutter. This on

ISRAEL (REVISITED)...JAY LEVIN continues his report from last month and notes the new IBA transmitters are, indeed, on and beaming programming to Russia. IBA hopes to install motors to slew their antennas in order to use the 300 kw signals for other areas.

YEMEN ARAB REPUBLIC...GUS MILLER reports tentative reception of Radio Sanaa on their new frequency of 7280 at 1400 with Arabic music, QRM from SABC. Listeners should look out for Australia on that frequency at the same time.

AUSTRALIA...RA has apparently dropped its use of 7295 to North America for the 1115-1245 time slot. GLENN HAUSER reports hearing only 9580 given as a frequency on 9/29 and wonders if pressure from American hams had anything to do with the chang. GLENN THOMPSON reports hearing them there as late as 9/20. ARTHUR CUSHEN notes that some states of Australia will advance time from 11/3 until 3/2/75. Western Australia will be GMT+9, Northern Territory GMT+9½, Queensland GMT+10, South Australia GMT+10½, and NSW/Victoria/Tasmania GMT+11. Thanks to GLENN HAUSER for forwarding the last item.

PORTLAND (AGAIN)...Thanks for the help this month, Good DX, 73's,

9/24 and 10/7.

STATION SKEDS

TO N.Z.'S SCIENTIFIC PARTY BASED IN THE ANTARTIC CIRCLE

NIZIBIC

DEADLINE: 15th

EDITOR: Mark Koukol Apartment: E-1 1400 w. Lincoln Hwy. De Kalb, Illinois 60115

I have nothing to say this month except HELP! Two mid-term exams in 3 days.

Albania: Radio Tirana uses 7290 as an alternate to usual 7300 for all xmns to North America 0000-0500. Tirana relay of Peking in English noted beginning 0300 on unlisted 9750, abruptly switching to usual 9780 at 0301.(R. Wood) argentina: RAE has these English

To surope 2300-2350 11710 To sast M.A. 0300-0400 9690 To West M.A. 0400-0700 9690 To Africa/M.E. 2300-2350 11710 To Far East 0300-0400 9690 To M. Pacific 0600-0700 9690 (Ralph Famularo, Jim Capili) Radio El Mundo has this sked-2200-0300 6120 2200-0100 9710

0900-1700 15290 Radio Splendid xmts 2100-0100 on 5985, 9740, 11880. (Don Moore) ustralia: Radio Australia in French to S.E. Asia via Darwin 2330-0030 has changed from 15395 to 15405. To Morth America 1115-1245, 7295 has been dropped, only 9580 now used. (Richard Wood) Belgium: BkT to North America 2215-2315 is now on 9730, replacing 9655 and 9785. To Africa at 1800 on new 11950. (Richard wood) Canada: Effective Nov. 3, Radio Canada's xmns to Europe & Africa will be fed directly by cable to Daventry, England, to be beamed from here new relay facilities. Malta will also be used to relay these Daventry xmns. Note new

To North America 9755, 6085 9655, 6135 (S) 0100-0157 0400-0457 (S) 0500-0557 9655, 6135 To Africa

0530-0730 11720, 9685, 6130 (D) 1800-1857 15325(S), 9525, 6110, 1570 (M)

English sked effective to March:

To Europe 0530-0730 7250, 6100 (M) 2102-2159 7225, 6100, 1570 (M) To south Pacific 0900-1000 9625, 5970 (S) Also to North America(sorry) 1115-1215 11825, 9655, 5970 (S)

(S)- Sackville, (D)- Daventry, (M)- Malta. (Radio Canada, Greg Paris, Scott Sigel) China,

China, P.R.: Radio Peking to N. A. 0100-0155 noted on new 15165

and 15350 in // with usual 15060, 15520. (Richard Wood) Finland: Radio Finland has this English sked to March 2-To North America 1400-1430 15185 0300-0330 9550 To Europe 1400-1430 9550, 11755 1600-1630 9550, 11755 9550, 11755 1800-1830 2030-2100 9550, 11755 To South America 1600-1630 15185 15185 1800-1830 1400-1430 21605 2030-2100 9550 (Greg Paris, Barry Harding) Hungary: Radio Budapest has English to North America at-21685, 17710, 15220, 11910, 9833, 7220, 6000 15220, 11910, 9833, 0100-0130 0300-0330 7220, 6000 0415-0445 as above (David Chaffin) Holland: Radio Nederland sends a new English sked effective to march 3rd, from the Engineering Services. Oddly, parts of this sked are at variance with the usual glossy-printed sked for same period. This, however, just received-To Australia/N.Z. 0630-0750 11730(B) 0800-0920 9715(B) To Far East(test xmn) 0930-1050 11825, 9640 (L) To Europe 0930-1050 6020(s), 6045, 7210 (L) 6020(S), 6045 1400-1520 1830-1950 6085(L) 11730(M) 2000-2120 To South & Southeast Asia 11740(M), 17810 (L) 1400-1520 15260, 15415, To North America west 1642-1651(*) 15190(B) 0500-0620 9715, 6165 (B) To North America East 2130-2250(W) 9715, 5965 (L) 6165(B) 0200-0320 To Africa 1830-1950 11730(L), 6020(M)

(B)- Bonaire, (L)- Lopik, (M)Malagasy, (S)- Sundays, (*)- MonFri, (W)- weekdays.

International Waters: Radio Nord-

(Radio Nederland, Hobart Beal,

see international closed down

august 31, 1974. RN1 plans to

Jim Capili)

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move to a position off Italy's
                                          New Zealand: NZBC has this sked-
coast. Regular programs were
                                         To Pacific Islands
scheduled to begin uct. 15th. In
                                                      6080,
                                          1700-1945
                                                            9755
other MW pirate news, Radio Vero-
nica waits silent off Holland;
                                          2000-0545
                                                      15100
                                          0600-0845
                                                      6080, 9540
Radio Caroline has moved to Eng-
                                          To Australia
land's coast and is still broad-
                                          2000-2230
                                                      11780
casting. (Woody smith)
                                          2245-0545
                                                      17770
Japan: Radio Japan has English to
                                          0900-1145
                                                      9520,
                                                            11705
N.A. effective from Nov.
                                          To scott Base,
                                                         Antarctica
2345-0045
             15270, 11725
                                          0015-0045
                                                     15280
0130-0230
            17825, 17725, 15235,
                                          (Jim Capili)
             15195
                                          Singapore: Radio singapore has
and this General Service sked to
                                          this sked-
N.A. with 15 min. each or English
                                         English
and Japanese-
                                          2230-1630
                                                     5052, 11940
0000-0030
            15105
                                         Malay
0200-0230
            15105
                                          2230-1630
                                                     7250, 6155
0500-0530
            9505
                                         Chinese
0600-0630
            9505
                                         2230-1630
                                                     6000, 9635
0900-0930
            9505
                                         Indian
1100-1130 5990
12/13/14/15/16/17/1800-1830
                                         2230-1330
                                                     7170
                                5990
                                         chinese
2100-2130
            9505
                                          1330-1630
                                                     7170
2300-0000
            15105
                                          (David samuel)
Hope I interpreted that right,
                                         South Africa: Radio RSA has this
Barry! (Barry Harding)
                                         Nov-April English sked-
Korea, Rep.: Radio Korea sends
                                         To East Africa & M.E.
                                         1600-1650 15155, 11900, 7270
To West Africa & Europe
this English sked-
To America
0500-0530
            11925
                                                     15155, 11900, 9525,
                                         2100-2150
           11925
0900-0930
                                                     7270
To Europe
                                         To worth America
0630-0700
            9640, 11925
                                         2230-2320
                                                     15155, 11900, 9695,
1900-1930
           9640, 11925
                                                     9525
To South America
                                         (Jim Capili)
1100-1130 9640, 11925
                                         U.S.S.K.: Radio Yerevan has this
To Southeast Asia
                                         sked, apparently all English-
1430-1500
            9640, 11925
                                         To North America
                                         (Tues-wed-Fri-Sat, u.S. date)
0300-0330 11690, 12050, 15180,
17600, 17865
(Jim Capili)
            RTVM has this French
Malagasy:
sked. This interpretation is ra-
ther foot-in-the-mouth due to the
                                         To Europe (daily)
way it was printed.
                                         2030-2100(Sun. 0800-0930)
weekdays
                                                     11765, 7275
0300-0500
            3288, 6170, 7105
6170, 7105, 9515
3288, 6170
                                              Sun.
                                                     15265, 15190
0900-1100
                                         (Louis Leistner)
1500-1900
                                         Vietnam, Rep.: VTVN Saigon has
Saturdays
                                         this sked-
as above except also 1100-1500 on
                                         Vietnamese
6170, 7105
                                         24 hr. 4877, 6165, 7175, 7245(2200-
sundays
                                                 1600), 9620
            3288, 6170, 7105
6170, 7105, 9515
0300-0500
                                         Cantonese
                                         0000-0030
0500-1500
1500-1900 3288, 6170
                                         0330-0430
                                                      9755
And the Malgache service-
                                         1130-1230
Weekdays
                                         Chinese
0300-0500
            3232, 6134, 7155
                                         1030-1130
                                                      9755
0900-1430
            3232, 6134, 7155, 9690
                                         Tchou Tcheou
1430-1930
            3232, 6134
                                                      9755
                                         0030-0100
Saturdays
                                         English
                                                     9755
0300-2100
           3232(to 0500, from 1430)
                                         0430-0500
           6134, 7155(to 1430), 9690
                                         French 0500-0530 9755
           (0500-1430)
                                                     1000-1030, 2330-0000
                                         cambodian
Sundays
                                                     9755
0300-1930
            3232(to 0500, from 1430),
                                         Thai 1230-1300
                                                           9755
                                                                  (VTVN)
            6134, 7155(to 1430),
                                            Skipper Thurman reports 1BA is
            9690(0500-1430)
                                         now on usual sked adding 1 hour to
                                         summer time. 735, Mark
The International service in Engl-
ish is aired 1800-1900 on 17730.
(wavid Chaffin)
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STEVEN J. HANDLER 1270 Carol Lane Deerfield, IL. 60015

Deadline: 13th of the month

&SLs

ALASKA: USCG STA. NOJ 2670, Kodiak Ak, 30002atta in 3 weeks for PFC (Trubee)

NOJ-Kodiak 2670 second QSL this one of UCGC Northwind and Ham Call WN9LTE w/NOJ veri on the back. 6 weeks (Trubee). NMJ22-Attu Isld, USCG 6935 750 watts in 35 days via air. vs:Robert Shaw (Chabak)

ARGENTINA: LPD88 General Pacheco Radio 12988.5 PFC vs:Ignacio Irureta w/full data in 41 days for SS rpt, 2 IRCs and US Stamps. (Straumanis) Address: General Pacheco Radio. LPD; Lomas de Zamora y Carabelas; Don Bosco; Buenos Aires, Argentina. ASCENSION ISLD: C&W LTD W/folder card & PFC in 33 days for ms. 9885, ZBI43, 72kW(Simon) AUSTRALIA: VNG-Lyndhurst 12000 full data picture card via air for 1 IRC (Stuart) same

only 7500 khz, full color folding card in 2 weeks & rtrned IRCs (Vecchiola) Volmet VLS sent letter from John Anderson in 19 days for IRC. (Straumanis) same only 42 days for MS. 10007 khz (Brooks) AORTS-13126 VIS48 10kW in 18 days Air(Trubee) AORTS-Domnside VKS50 sent card with data 16 days 17410 (Straumanis) AORTS-VIS42

22474 sent card in 31 days air for 2 IRCs. (Hardester)

BARBADOS: 8PO-C & W Ltd 16947.6 St Phillip sent folder card for 1 IRC by air(Straumanis) BELGIUM: Oostende Radio sent nice card with full data in 2M for IRC (Raymond)

BERMUDA: C & W Ltd sent QSL for VM (Turner) same only 10635 khz folder card full data 7 months for IRC (Raymond) US NAVY, Bermuda Control 2716 full data PFC 100w 56 days /s/RMCS R.Jenkins, Comm. Op. Chief (Koret)

BRAZIL: EMBRATEL-Ri 18550 & 19235 rpt QSLed 18165 full data QSL card 63d (Chabak) CAMEROUN: INTELCAM TJF90 Douala 9045.5 with no data FF ltr,1 week (Vecchiola) well, with fast service you can't have everything!

CANADA: CHU-Ottawa 3330 full data 10d picture card or Sir Fleming (Stuart) CANAL ZONE: USNAVCOMSTA, Summit NBA 18990, 19 kW, ltr in 14d states NBA is part of the Inter-American Naval Felecom. Net which links 12 N., Central, and S. American countries.(Griffith) 2716 NBA sent letter & PFC in 17 days for contact with USCGC Ironside oops I mean Ironwood (Simon)

CUBA: CML Ministry of Cpmm. 12050, Habana sent ltr with full data & 3 IRCs (Vogel) 7495 Ministry of Comm. CLN68 full data in 3 months for 1 IRC (Raymond)

DAHOMEY: FCR-Contonou 13535 19 days for 2 IRCs (Fisher)

DENMARK: Skagem R. sent per. ltr with no dats (Crawfo rd) Lyngby R. sent B&W card in 26 days no rp (Crawford) PTT-Skamlebaek 17488 OXR37 10 kw snt usual B&W Lyngby R. QSL card full data in 51 days for 2 IRCs. (Griffith) Don points out that Lyngby and PTT both use the Xmtr at Skamlebaek.

EGYPT: Cairo Aeradio 8959 PFC and ltr from Mohammed Ahmed Arab, controller general, COM?OPS, Cairo Airport in 31 days for 2 IRCs (Koret) Mohammed Arab? FRANCE: St Lys Radio FFL6 12912.5 rtned rept as qsl with stamp 46 days (Greenall) St

Lys Radio FFL3 6421.5 full data ltr in 2 weeks for 2 IRCs and FF rpt (Vecchiola) GERMANY: Radio Free Europe, Holzkirchen 17445 10kW full data FFC on usual blue/gray RFE card with no info via air from NY in 9 days for ms (Griffith) DGL48-Deutsche Bu-

ndespost, Hamburg 11482 plain card w/full data veri typed on 45 days surface (Greenal) GREAT BRITAIN: HMS Royal Yacht Britannia 40 days no rp 2387. (Crawford) excellent catch, address: via BFPO Ships, Lomdon, England. BBC-Daventry GWC 7991 & 18080 no data thames card and ltr stating that they do not ack SSB rpts. 22 days (Griffith)

GREECE: SVA_Athems 13186.5 sent green full data card in 113 days for no rp (Crawford) GUAM: Anderson AFB sent PFC in 16 days air 8989 3A3J 3kW. (Chabak) address:1958th Comm. Sqdn; APO San Francisco 96334.

GUANTANAMO BAY: Raspberry Gitmo, US Naval Air Stn, 600-700watts 6723 wkg Rasp.Mustang 23 days air (Chabak) USNAVCOMSTA NAW 9209, to Norfolk infl use only as back up to sat. comm. 28 days (Griffith) AACR 9915 sent card full data B&W map (Straumanis) GUINEA: PTT-Conakry FGC57 7530 card in 3M for 2 IRCs (Straumanis) GUYANA: 8RB78 C & W Ltd 16454, Thomas Isld PFC full data card and ltr 15 days air for 2 IRCs (Straumanis)

HAWAII: Honolulu Volmet folder card in 13 days for no rp 8903 (Simon) US Naval Air Station Raspberry Barbers Point PFC 9 days air 6723 lkW (Chabak)

HOLLAND: PCK23 PTT Kootwick Amsetrdam 13542, Blue and White card 14 d (Crawford) Sheyeming Radio Coastal Radio 2824 card (Crawford) PCH93 Scheveningen Radio 17103.2 card in 259 days fpr 1 IRC. (Straumanis) Address: Rijkskuststation, Scheveningen Radio PCH, Gevestigate, Holland (Straumanis) PCH6 Schevnigen R. Ijmuiden 12799.5 sent card norange n black full data in 4M (Greenall)

ICELAND: TFA-Reykjavik Radio 13069.5 full data card via ar (Straumanis)

IRELAND: EIP-Shannon Volmet 13312 tourist folder showing Comm. Center full data in 56 days for IRC (Griffith)

ITALY: IRM-Int.Radio Medical Center-Rome 8685 pers. full data ltr 74 days for 2 IRCs from Dr Rizzo. Also send booklet on center (Greenall)

JAPAN: Choshi R/S JCU 8479 full data PFC in 24 days air for 2 IRCs (Hardester)

JOHNSTON ISLAND: USCG LORAN STN-NRO 4050 PFC full data 83 days (Greenall) Address: USCG Loran Station NRO, APO San Francisco, Ca 96305

MALAGASY REP: STIMAD 5RY76 Tananrive 17601 pers. 1tr in FF in 20 days air for

2 IRCs and EE rpt. (Trubee)

NETHERLANDS ANTILLES: PJC-Curacao R.-Lands Radio TNA GRTA, Willemstad 13042.5 sent glossy white card w/red, blue & gold coast of arms in 31 days air for 1 IRC(Compton) same only 6491 in 1 week air (Vecchiola)

NETHERLANDS: R. Netherlands via PTT full data form ltr for SSB trs. to Bonaire for

no rp. Rpt from R.Netherlands not PTT (Moore)

NEW ZEALAND: ZLP Royal New Zealand Navy, Waiouru 8678 rtned full data PFC and a ltr in 3 weeks for 1 IRC (Vecchiola)

PARAGUAY: ZPG45-ANTELCO, Ascuncion 14580 sent ltr full data SS in 59 days air for ms (Hardester) same 11472 3 weeks for 1 IRC (Kelley)

PHILIPPINES: Clark AFB sent PFC in 26 days air 8993 (Chabak)

POLAND: SOG39 PTT-Warsaw 6980 card in $3\frac{1}{2}$ months surface for 2 IRCs (Vecchiola) PORTUGAL: Lisbon Airadio 7862.5 ltr full data in 1M for EE rpt (D'Adolf)same 21M. CUL6 Lisboa Radio, Linda-A-Velha, 6393.5 retned PFC full data 57 daysfurface for IRC. (Straumanis)

PUERTO RICO: AACR-Lolita WWK39, 9940 card w/date only 16 days for ms (Straumanis) same 9940 (Vecchiola)

RHODESIA:PTT CORP P.T.C., Causeway, ZEH 18690 full data card via air for 3 IRCs(Griffith) SENEGALL: TELESENEGAL 6VK27 sent ltr 18 days for 2 IRCs 7560kHz (Fisher) same 9917 KHz ltr full data 6VK49 (Raymond)

SOUTH AFRICA: ZSC-Capetown 6467 ltr full data 97 days surface for 1 IRC (Greenall) BPAIN: CTNE-Pozuelo del Rey, EHY46, 11500 kHz, EHY25-19030 kHz, EHY22-20670kHz, SS Itr full data, via air 138 days for 3 IRCs (Griffith) CTNE-Aranjuez 6383 EAD2 pers. ltr SS full data 52 days for 2 IRCs (Greenall)

SURINAM: PZN4-Paramaribo 13046 card, folder type with map of S.America in 2 weeks air

w/full data (Vecchiola)

YUGOSLAVIA: PTT 16242, Belgrade ltr full data in 119 days w/full data (Vogel) UNITED STATES: Navy Weather Service, Jacksonville, Fl 9011.5, full data PFC in 7 months (Handler); USS New Orleans-NAON, 2382, full data PFC, ship is LPH-11, Amphib Helo Carrier, in 8 days air for rp (Trubee); US Liberia Radio Corp. WQB29 19780 Akron, full data in 15 days for ms (Compton); USCG Cutter Balsam WLB62 PFC in 26 days surface 5696 (unknown); USCG Air Stn Eliz. City, NC NOZ PFC in 20 days surface(ukn); USCG Cutter Point Ledge WPB-82334 2662, PFC 15 days surface (Chabak); US Liberia Radio Corp. mailgram ltr QSL full data 2 weeks 13945 (d'Adolf); AT&T-Bell Sys. Overseas Radiotelephone Service, Manahawkin, NJ 13400 sent card in 23 days air for rp (Trubee); USCG Cutter Point Area NJKT 2182 PFC 24 days (Koret); USCG Air Stn Hosuton NOY9 5692 PFC 8 days (Koret); USCG Cutter Point Judith 2694 PFC 10 days (koret); USCG Cutter Duanne NRDD (WHEC-33) 2670 500w PFC 35 days (Koret); KHT-Cedar Rapids (Collins Radio) 12424.5 sent PFC and literature 22 days (Koret); USNS Kane NZSK (T-AFS27) 2716 PFC 35 days (Koret); USS Albany (CG-10) 2716 PFC 12 days (Koret); WFE-Houston 12421 PFC 15days (Koret); USCG Cutter Sagebrush NODR 2694 PFC 24 days (Koret); USCG Mayport 2182, 1-3 watts !!(Koret); address Mayport CG,P.O.Box 385, Mayport, FL 32267; USCG Key West NOK 2182 PFC 37 days (Koret); McClellar Airways 4747.5 (4746) 6 weeks airXXX AF SWL card for rp (Trubee); USNAVCOMSTA NKT-MCAS Cherry Point, NC 10246 pfc full data rp (Hardester); USCG COMSTA NIK Boston 5320 full data PFC 70 days (Hardester); USCG Cutter Cape Small 2182 NCFQ 10 watts (Trubee) address: P.O. Box 694, Hilo, HI 96720; KKN50 Dept. of State, Washington, IC 6296 card, full data PFC in 1 month CW mkr (CVecchiola); Nat'l Wx Sce KHB49, Redwood City, CA 1 162.55 Mhz PFC 4 days 330 watts (Hardester); KLB-Seattle Radio, Marysville, WA 129072 ITT full data ltr 8 days (d'Adolf); Galveston Radio-KLC Arcadia, Tx 8666 card full data 31 dys fpr (Hardester); same 13038.0 (D'Adolf); WSL-ITT Brentwood, LI, NY 13078.5 ltr full data mimeo ltr 10 days (Greenall); WLO-Mobile Marine Radio 17142.4 PFC 56 days (Hardester); Radio Beacon SU, Travis AFB, CA card PFC full data 31 days (Hardester) address: 1901 Comm. Sq/DOKR, Travis AFB, CA 94535..1; S7S Pres. Madison WCIP 12382.5 card PFC air for rp (Hardester); KMI-AT&T Poitn Reyes, CA card map style for ms. (Straumanis) Radio Beacon MCC, FAA Airways Fac. Rio Libnda, CA 95673 PFC in 33 days (Hardester);

UTILITY REPORT PAGE-3......UTILITY REPORT PAGE 3

THE Voice of America uses single side band (ISB) transmissions to relay their programs to the many relay sites which they use. Below are a list of current frequencies in use.

VOICE OF AMERICA-Point-to-Point

Bethany, Ohio 14526, 15752, 19261.5, 20060

Delano, Ca 14398, 14526, 18157, 19480, 22955

Dixon, Ca 4553, 5905, 5935, 14398, 14526, 18157, 19480, 22955

Greenville, NC 6873, 7651-KLW61, 10454, 10526, 10545, 14526, 15752, 18275, 19240,

19261.5, 19721, 20060, 25797, 26125

Monrovia, Liberia 15875, 18515, 21760

Careysburg, Liberia 10880-5LA10, 15920-5LA15, 16330-5LA16, 18210-5LA118

Tangier, Morocco 18275, 19915

Ismaning, FDR 3636, 5275, 5450, 6873.5, 6902.5, 7332.5, 7622.5, 9855, 10520-KMJ28,

10522.5, 10760, 12223.5, 13702.5, 13997.5-KMJ29, 15520, 15875,

18275-KMJ30, 18305, 18515, 20060

Rhodes, Greece 10410, 10880, 13855, 14365, 14985, 18210, 18265, 18515, 21800, 25160

Radio Moscow also uses SSB transmissions to relay their programs to their transmitter sites.

7410, 7925, 9125, 8125, 8590, 9150, 9210, 10340, 10740, 12175, 12275, 12335, 15780, 16250, 17920, 18060, 18265, 18265, 18455, 18650, 19725, 19845, 20090, 21230.

UTILITY INFORMATION:

For those who can't be without WWV's time signals, they are available by telephone, the only catch is, that it is NOT a free call! Phone (303) 499-7111. WWVH also can be heard via phone at (808) 335-4363. NEITHER IS A FREE CALL.

The Office of Telecommunications has a radio propagation quality forcast available via phone if you want to pay, call (303) 499-8129

Test transmissions began on 15 August from a commercial Loran station located in Aust in Texas. Reports can be sent c/o USCG Loran Stn, Carolina Bch,NC

ADDRESSES:

NATO STN-Sengwarden, FDR DHJ59 is: Marinefernmeldegruppe 21, 294 Wilhelmshaven 31, Segwarden, FDR

IF YOU LISTEN YOU COULD HAVE HEARD the new SR-71 SPY Plane as it streaked from London to Los Angeles covering 5645 miles in 3 hours, 47 minutes, breaking the worlds speed record. They used 8989, 8993, 11228 and several other standard air-ground Airforce frequencies.

RECENTLY the Cunard Ambassador caught fire and burnt for several days. If you would have tuned in 2182 and 5696 you could have heard Coast Guard Operations in the area!

Why let the world pass you by, hear the action on the Utility Bands!

Thats all for this month-73's and Good DX

from by a subsidiary of Cunard Lines Ltd., Bahama dor, owned

second hat the

the

marked

The fire

10

Crew

of most

Ambassa-

time in four months that the engines failed June 2 while the was cruising off Vene-

ht ruptured # spewed from ignited spokesman said. ine

bandon ship soon afterward. Capt. Robert raging in its interior, wallowed of Mexifire Ambassador, a might capsize before the luxury abandoned in the Gulf to Friday, Officials million Cunard

could be put out.

men who fought the fire to abandon ship late Thursday as it lay dead in the water 35 The blaze, spreading amid-ship, forced 53 Ambassador crewmen and 40 Coast Guardsdead in the water 35 off Key West. There

aboard the naval vessel

lah, which

I'wo hours later

If you would have tuned in 5696 Khz and 2182 Khz you could Guard Rescue Operations!

have heard Coast

10 aboard as Coast Guard s stood by through the night. "The risk of capsizing definite one now and it do 480-FOOT liner the carrying 309 crewmen passengers when of ook good," a spokesman said

e from Miami to New , where it was to pick sengers for a cruise to The Coast Guard spokesman liner rounded the tip of Florida Thursday. said

Spy plane beats the sun

LOS ANGELES (AP) - The SR-71 spy plane Blackbird beat the sun from London to Los Angeles Friday, covering 5,645 miles and seven time zones in 3 hours 47 minutes. Figured on local time zones, the plane reached Los Angeles more than three hours before leaving London.

A sonic boom shook the area about the time the plane arrived in the California area, but the SR-71 navigator denied that the plane was responsible.

Police in suburban Altadena, Pasadena, Glendale and other cities reported scores of telephone calls. "It was a tremendous boom. It shook the whole house," said Audrey Jacoby of Montrose. Broken windows were reported in Tujunga, Glendale, La Crescenta and Al-

The black, needle-nosed plane, which flew at an average ground speed of 1,480 m.p.h., landed at Beale Air Force Base near Sacramento, its home base.

"We decelerated more than 200 miles back from Los Angeles," said the navigator, Maj. William C. Machorek, 32, of Jersey City, N.J. The pilot was Capt. Harold B. Adams, 31, of Albuquerque, N.M.

An Air Force spokesman here said the plane was traveling at subsonic speeds when it reached the Los Angeles area. However, he said that "it's possible, though unlikely, that the SR-71 caused the boom."

During the flight, the SR-71 refueled three times, slowing speed and descending from 80,000 feet to 10,000 to rendezvous with the subsonic tankers.

There was no official speed record to beat for the route. The SR-71 run will be the record if it is certified by the Federation Aeronau tique Internationale. The FAI is the accrediting organization for aviation records.

On Sept. 1 the same aircraft set a

ater pumped

scorched by intense heat, was

The Ambassador, portions of gleaming white exterior

were no reports of injuries.

London-L.A. flight

York-to-London speed record of 1 hour 55 minutes. The first attempt at a Los Angeles run was aborted Thursday because of engine trouble.

The Lockheed-built SR-71 is a reconnaissance aircraft that is deployed on missions around the world. It cruises at altitudes above 15 miles.

> The SR-71 used standard air-ground frequencies including 8989, 8993, and 13241 KHz. See what you miss when you don't DX UTILITIES!

C. I. R. M.

CENTRO INTERNAZIONALE RADIO-MEDICO

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INTERNATIONAL RADIO-MEDICAL CENTRE

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CENTRE INTERNATIONAL RADIO-MEDICAL



THE FREE RADIO-MEDICAL SERVICE OF THE C. I. R. M.

The International Radio-Medical Centre was founded in 1935 with the purpose of supplying radio-medical assistance to saliors aboard ship of every nationality navigating on all seas. to the populations of the small Italian islands of the Mediterranean, and to whoever is in need of urgent medical assistance. The Centre has its headquarters in Rome and its services, both medical and radio, are completely free. They also include arrangements for the transfer, if necessary, of a patient to a ship with a doctor on board or if the distance allows, to remove the patient by naval craft or helicopter to ensure rapid hospitalization.

Requests for radio-medical assistance reaching the -Centre- are handled by the doctors on continuous duty at the CIRM headquarters. These doctors, who can if necessary call on the help of specialist consultants, prescribe the appropriate treatment and keep in contact with every ship that has asked for assistance, following the progress of the patient until his recovery or disembarkation and, often, even when hospitalized; in this way it is possible to check the initial preliminary diagnosis, which in most cases is confirmed.

The Centre also has its own «Study Section» for research in the field of the pathology of seamen.

Communications with the CIRM can be carried out in Italian English or French and can be sent either to IRM (the radio-station of the Centre, solely concerned with radio-medical assistance) or to IAR (Rome-Radio). A large network of radio stations can be used when it is impossible to get into direct contact with IAR or IRM. This network includes all the Atlantic and Pacific coastal stations of the U.S. Coast Guard, the RCA and Globe radio stations of Manila. Moreover, the national French radio centre of St. Lys handles traffic for French ships. The messages are transmitted by direct teleprinter lines of the U.S. Coast Guard; the ITT, World Communications, Inc.; the Press Wireless, Inc.; Italcable and Radio-Stampa.

Finally, the CIRM collaborate with the AMVER service of the U.S. Coast Guard.

RADIO SERVICE OF THE CIRM STATION:

 The CIRM radio-telegraph station — Call-sign IRM — keeps continuous listening watch (H24) on tre mobile marittime service frequencies indicated by automatic tape. It listens-in on any other frequency when requested, also through other Italian radio stations. In relation to the season and the hour of day, the frequencies of which IRM operates during the 24 hours are chosen from among the following:

Service

Call-sign

Frequency

KHz 4342	IRM	On request and in order to answer ships using the medium frequencies.
KHz 4350	IRM	Available when necessary.
KHz 6365	IRM	Winter night service.
KHz 6420	IRM	Available when necessary.
KHz 8685	IRM	Replaces the 12760 KHz frequency when this is used for other services, and on request.
KHz 12760	IRM	Continuous. When used for other services it is replaced by 8685 or 12748 KHz.
KHz 12748	IRM	Available when necessary.
KHz 17105	IRM	Continuous during the summer season; day- time during the winter.
KHz 22525	IRM	Available when necessary.

- 3) At 0200, 0800, 1400 and 2000 GMT, the list of outstanding traffie (CQ) is transmitted on the particular frequencies being used at that moment. Ships are recommended to listen in to this list in case of any possible request for QSP.
- In order to facilitate and speed up the handling of the radiomedical traffic. Radio Officers are advised to observe the following rules, as far as possible:
- a) always to attempt to communicate directly with the CIRM station, requesting, in case of difficulty, to be linked through other Italian coastal radio-stations. This is particularly necessary when first-aid messages are concerned;
- always to indicate their position and the frequency that offers the best reception, in order to enable the frequency or frequencies most suitable for subsequent communications to be established;
- c) bear in mind that, in the event of urgent necessity and of difficulty in communicating with the CIRM radio station, messages can be sent, free of charge, through the stations listed the prospectus shown on the following page. The reply messages will be transmitted through the same stations unless, in the meantime, direct communication has been established.

VOLITET

A FUNCTION OF THE SYNICY FLIGHT SERVICE CENTRE

The purpose of the Sydney Volmet Service is to provide pilots in flight with a continuously updated meteorological service. The information broadcast consists of not only the present seather conditions, but also the forecasted weather conditions at certain alternates.

Although the service was originally designed to cater for available to anyone who are the main users, the Volmet Servace is are encouraged to obtain their meteorological requirements from older direct, as this method reduces the work load on the aeromobile circuits.

Sydney is the only station in Australia to broadcast a Volmet Service. By international agreement, the frequencies allocated ere 3432, 6680 and 10017 KHZ; transmissions being limited to a five minute period commencing on the hour and at the hour plus 30.

The broadcast is arranged in the following order:

- 1) Met Reports for .. . Sydney, Brisbane, Welbourne, Townsville, Adelaide, Alice Springs, Darwin and Porth.
- •• •• Mrisbane and Sydney (on the hour)
 Melbourne and Perth (at the hour plus 30)
 •• •• Those that affect the Sydney Flight

Aerodrome Forecasts Sigmets

5

Information Region,

Sydney Volmet is probably one of the most appreciated pilots the respondences provided for International Japan and the U.S., in addition, the numerous unscilled reports received from short wave listeners indicate that good reception of Volmet occurs in many other widespread parts of the world.

For those who are technically interested, additional aspects of the Volmet Sarvice have been supplied overpage.

VOLMET

The Volmet broadcast originates from the Sydney Flight Service Centre and is oversighted and monitored by the Supervisor, Flight Service.

The information required to be broadcast is received in the sound-proofed Volmet Room on a Siemens teleprinter which is coupled to the Perrenti Computer.

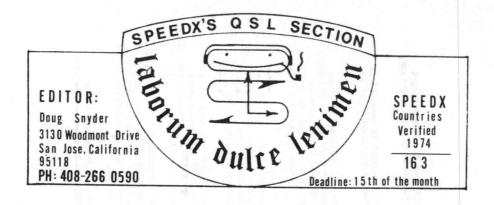
Operators are alerted to prepare to broadcast by means rings automatically five minutes prior to each broadcast time. Messages from the supplying stations are then assembled in their correct order and are broadcast at the average speed of 100 words per minute.

Transmissions leave the Centre through a low impedance microphone, through a wide band UHF Teletra beam to Moronora, re-transmitted up to Kings Tablelands and thence down to the transmitting site at Llandilo, approximately 30 miles north west of Sychey.

Each of the three STC CX4 type transmitters delivers a system for each transmitter is an end fed, boadband, omni-directional Guad type, elevated about 70 feet above the ground,

The Operator can monitor his own transmissions by observing a console light which responds to an audio operated relay. Spot check monitoring of the transmitted signal for quality, procedures and thming is conducted at frequent intervals by the Supervisor, by means of his console mounted CRGB receiver.

S.I.M.F.O. reports received from listeners are always appreciated and acknowledgements are forwarded to those who require verification.



89's everyone! (89 is taking the place of greetings, hi, howdy, etc.)
This month, as the old saying goes, I have some good news and some bad news.
Let's start off with the good: five new countries verified this month,
including one report from Radio Lebanon, the first time reported to SPEEDX
in at least two years! Eduardo Rodriguez in Puerto Rico had the honor of
receiving the verie and I hope that this signals a new trend for R. Lebanon.
Other first time reports came from Jack Jones who verified Radio Mar, Nicaragua, Wayne Oliver with a QSL from Voice of Kenya, Ken Earhart with a
Sierra Leone BC QSL, and Tom Gavaras and Roger Giannini received veries
from The Sudan. Fantastic, guys; I've only heard two of those five and
neither one QSWL'ed (yet). Other interesting news include a verification
of VOA, Ascension Island (yep, that's right!) received by Alan Mayer, an
English written non-verie letter from Chekiang People's Broadcasting Station
in Hengechon, China as sent to Kevin Szot, a verification from Stimme der
DDR, East Germany reported by Jay Levin, and a rarely reported QSL from
Radio Madagascar, Malagasy Republic received by Doctor Dave Chaffin in the
Cameroon Republic. Dan Henderson also reports his 194th country verified as
the Radio Moscow site located in Tallin, Estonian SSR. Out of site! (hi)

The SPEEDX geographers hit on the right country again, dog gone it. The country in the last question was St. Helena, located in the South Atlantic Ocean. The other two dependencies were Tristan da Cunha and Ascenion Island. The geographers with the right answer were Don Moore, Jim Davis, Bob Bodell, Gary Froemming, Mike Hardester and Kevin Fleming. So on with November's quizzical query; this one will probably be easier for you to answer than it was for me to think up: From 51.5° south of 75° North, I am located 1.5° north of the point where the sun is overhead at noon, local time, on June 21st. In another line of direction, I am 238° west of the point that is 20,033 kilometers, measured along the N-S divider, east of the line that sees each new day arrive before anywhere else. My programming is strictly in English. What station am I?

Now the bonus question - this was sent in by Mike Hardester, who has a QSL from this station (and will be printed in the column next month). "For nostalgia buffs, I was an integral part of the psychological warfare of the Korean War. My broadcasts continued until 1972 when I became a Voice of America "rebroadcasting station." Though most think of me as from another country, I was located in Seoul, Korea, and did operate on 2 out-of-band frequencies. What station was I?

I'd like to say hi, oops, 89, and welcome to new reporters Skipper Thurman and Lloyd Scott Jr. Skipper says in his report that he requested and received from R. Moscow a stereo record of the USSR National Anthem. Does it sound like the theme from "Peter and the Wolf?" I'd also like to say 89's to Mel Hickman, SPEEDX's super Asia-Oceania editor and to Serge Neumann, formally of the great DX program "DX Jukebox" and a founding member of SPEEDY Glad to bear for Neumann.

member of SPEEDX. Glad to hear from you, Serge!

Now the bad news(at least bad for me): next month, December, will be my last QSL column. The arch villan of us all, time, has caught up with me and so, for the time being, I regretably have to give up being an editor for SPEEDX, which I have enjoyed tremendously. But hopefully, later next year, I will have the opportunity to edit a shorter column for SPEEDX. My worthy replacement, who we all know and love (hi), is no stranger to these pages. Bill Cleveland of Visalia, California will be taking over the reins in January. Bill has been reporting to the Qsl column for as long as I have been editor and I know that you will give him the support that all of you have given me the past 13 months. Full details next month.

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INTERNATIONAL WATERS

"De Hoop" Hospital Churchship, 2316; color PC QSL showing ship and giving full details; PWR=500watts; 14d for Dutch mint stamps.(CALKIN ENGLAND)

R. Nordsee International, 6210; card & ltr. of verification in 70d surface for 2IRC. (RODRIGUEZ PR)

EUROPE

AUSTRIA: ORF, Vienna, 6155/9770; silver ORF Calling cd, Niederosterreich cd and Steirmark cd, pgm sked for ORF rpt. form, 30days, no rp(BROOKER) 9770; "Where holidays are really fun" card + sked in 32d air for no rp; also rec'd info from Tech. Dept. a few days later. (MOORE PA) Full data

also rec'd info from Tech. Dept. a few days later. (MOORE PA) Fill data Tirol highway photo cd + sked in 23d air, no rp, EE rpt.(STRAUMANIS IL) 11905; Lake Constance card + tourist info in 25d air, no rp(CHAFFIN CAM.) ARMENIAN SSR: Radio Yerevan, 15180; Full data small white card sent by registered mail in 135d surface, no rp sent.(DAY CA) Same small card, 3"x3", certified mail, in 145d surface, no rp.(LEISTNER CA) BELGIUM: ORU, Wavre, 6055,9655; Cartoon Map card w/full data in 77d for no rp.(EARHART PA) 17740; Map cd, 73d air, no rp; rec'd pennant(CHAFFIN) BULGARIA: R. Sofia, 9700; Full data 'Pamporovo in the Rhodopes' color Pc in 152d surface & Backhovo Monastery' cd in 172d for no rp.(CRAWFORD) F/data Ohrid Univ. cd + stamp info sheet. rpt. forms. sked. pennant.

BULGARIA: R. Sofia, 9700; Full data 'Pamporovo in the Rhodopes' color Pc in 152d surface & 'Eachkovo Monastery' cd in 172d for no rp.(CRAWFORD) F/data Ohrid Univ. cd + stamp info sheet, rpt. forms, sked, pennant, stamps, 1st day cover by reg. mail in 70d for no rp.(VOCKEROTH PA) CYPRUS: BBC, various freq's; DX award, verifying all relays for World Radio Club contest; 53d, no rp.(SHITH TN)

CZECHOSLOVAKIA: R. Prague, 5930; F/data 50 years of BC'ing cd in 85d for no rp.(VOCKEROTH PA) 11900; cd w/pix of St. Nicholas Cathedral and Prague Castle, F/data in 161d air, no rp. (SMITH FL)

DENMARK: R. Denmark, 15165; F/data Radiohouse Aerial Tower cd in 18d air for no rp. EE rpt. V/s: Mr. Uberg. (ROGACKI NJ)

ESTONIAN SSR: R. Moscow, Tallin, 6055; F/data, w/site regular R.M. card in 38d air, no rp. V/s:E. Stepanova. (HENDERSON MD)

FINLAND: R. Finland, 15185; F/data "Spring In Finland" cd + mags, skeds and map in 12d air for 2IRC.(SIGEL IA) 1400GMT, 'Autumn in Finland' cd in 14d, no rp.(EARHART PA) Same, + sked in 16d air, no rp.(PARIS MI)

FRANCE: ORTF, 15100; Orange Studio photo card in 11d air for no rp; they said they had no pennants, but I doubt it.(SCANNELL MA) 15120; F/data studio cd, w/wrong time in 64d, no rp, EE rpt.(CHAFFIN CAMEROON)

GERMANY(DEM. REP.): RBI, 9730; "Wenceremos" cd in 30d air, no rp.(NOORE PA)

Youth Festival card w/full data in 36d, no rp.(STRAUMANIS IL) 11840; f/data Venceremos cd, 33d, 2IRC, EE rpt.(THOMPSON NM)

Stimme der DDR, Berlin, 7185; F/data yellow/black postcard, w/Berlin drawing in 61d surface for TIRC, EE rpt.(LEVIN NY)

GERMANY(DEM. REP.): RBI, 9730; "Venceremos" cd in 30d air, no rp(NOORE PA)

Youth Festival card w/full data in 36d, no rp.(STRAUMANIS IL) 11840; f/data Venceremos cd, 33d, 2IRC, EE rpt.(THOMPSON NM)

Stimme der DDR, Berlin, 7185; F/data yellow/black postcard, w/Berlin drawing in 61d surface for TIRC, EE rpt.(LEVIN NY)

GERMANY(FED. REP.): 6040; Deutsche Welle, Julich; F/data cd in 36d air of the World Soccer Cup Mascot; no rp; pennant also.(?) 6075; World Cup Embl

Sender Freies Berlin, 6190; attractively combined Radio Bremen-SFB card in 14days for 2IRC. (CALKIN ENGLAND)

GREAT BRITAIN: BBC, 9510; no data Thames card + "London Calling" mag in 19d for 2IRC. (SIGEL IA) 11750; no data cd, 58d, no rp. (HICKMAN OR)

GREECE: VOA, Kavala, 7295; Capitol cd, w/time, freq. in 7d. (DAY CA)

HOLLAND: R. Nederland, Lopik, 9715; in 12d for 1IRC, the World DK handicapped Aid Campaign cd & data sheet. (TRZASKUS IL) 11730; Fantastically beautiful, full-color "Holland in Flower Decoration" cd + Arabic sked & decal in 10d for 2IRC FE rpt(SIGEL IA) & decal in 10d for ZIRC, EE rpt(SIGEL IA) Handicapped Aid cd in 14d for ZIRC, (VOGEL PA) PC of Tom Meyer toasting 45years of Happy Station w/full data, but w/wrong freq & time.(SCANNELL MA) 11950; Full data Spanish—Campana DX Mundal Pro Impedidos cd w/Brail in 18d for no rp, SSrpt(SMITH E)

Campana DX Mundal Pro Impedidos cd w/Brail in 18d for no rp,SS:rpt(SMITH L)

V.E.R.O.N., Amsterdam, 3600; f/data cd & letter for hour broadcast
in Dutch/English. V/s:P.V. Weerles.ADDR: Box 9,Amsterdam.(CALKIN ENG.)

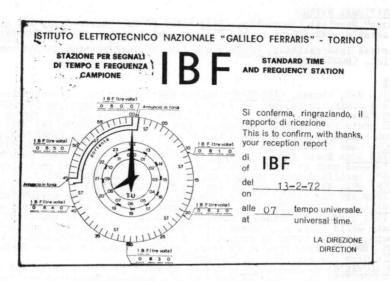
HUNGARY:R. Budapest, 9833; Full data card w/pic of government buildings
in background & DX pgm info on reverse side; in 27d air, 2IRC(HARDING CA)

Green card w/gov. buildings in 72d surface, 1IRC.(YAJKO PA)Trailitional
Costume cd + sked in 35d air, no rp.(MOOREPA) Full data gold card w/
sketch of monument in 60d for no rp. (VECCHIOLA PA)

ITALY: RAI, Rome, 6060; painting card for rpt. on Sicily, but card claims
it to be Rome; 67d surface, 1IRC(SMITH TN) 11810; Francesco Guardi painting card in 105d, no rp(BROOKER MI) f/data art cd,151d,1IRC.(LEISTMER CA)

LITHUANIAN SSR: R. Vilnius, 11770; Full data flower cd, 141d air, no rp,EE

rpt.(MOORE PA) 2240-0039GMT;two cds, 77d, no rp sent; card 1:Birds in
Tree; cd2: Xmas Tree;Lithuania Radio Service. (EARHART PA)



Contributed by Mike Mahoney

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MALTA: Deutsche Welle, 9745; Full data multi-colored circles card from Köln in 42d air; no rp. V/s:Thiele.(LOBDELL MA) 11865; Circle card, 42d air for no rp. (MAYER IL) FIFA World Cup cd +Malta data in 63d(PASCHKE WI)
 NORWAY: R. Norway, LKC, Frederickstad, 21655; Pic PC of "At the Out-farm"
+sked, tourist info, flag & stamps-all requested in 19d air for 1IRC
and EE rpt.; my 40th country verified in Cameroon. (CHAFFIN CAMEROON)
POLAND: Polish Radio, 6135; Map of Poland series cd in 53d air, no rp.

(SCANNELL MA) 11815; Millennium monument cd in 36d w/full data; no rp.
 (DAY CA) F/data Map cd #1 in 45d, rp not necessary. (THOMPSON NM)

PORTUGAL: R. Portugal, Lisbon, 6025; Full data card w/the ship "Sagres"

in front of Belem Tower in Lisbon in 22d air for 2 IRC, EE rpt(SIGEL IA)
 Same Sagres cd w/PP verie statement in 16d, no rp. (STRAUMANIS IL) 11935; #9 Pillow on Bobbin lake? cd w/chYL on front in 60d air for no rpl. (DENNIS IN)15315; Sagres cd +nice pennant,16d, 1IRC, PP rpt. (LEVIN NY) RSFSR(EUROPEAN): R. Moscow, Ryazan, 15130; color PC of statue of rocket being fired; in 16d air, no rp; f/data cd&contest info(PIMBLETT ALB.)

SPAIN: RNE, Madrid, 11925; B&W antenna photo card w/full data & sked by sea in 60d. no rp. (LOBDELL MA) Same cd, + pennant & list of MW stations; in 14d air 2 TDC.
sea in 60d. no rp.(LOBDELL MA) Same cd, + pennant & list of MW stations in 14d air, 2IRC, EE rpt.(SIGEL IA)

SWEDEN: R. Sweden, 11955; full data card of "Map of Sweden, with cities" in 7d for 2IRC; also rec'd px sked, fact sheets; V/s: Andus Wollfer(SIGEL)

SWITZERLAND: SBC, BERN, 6120; et al; full data cd w/B&W photo of "Holbein Fountain" by surface in 135d; no rp.(LOBDELL MA) Basel Cathedral card in 44d surface, no rp.(MOORE PA)9555; full data B&W PC showing "The famous Carnival of Basle" in 44d, no rp.(STRAUMANIS IL) various freqs; Old town of Berne cd w/no data after 3 rpts of 16 loggings on 5 freqs! in 14d air, no rp. V/s:Judy Chisholm.(CHAFFIN CAMEROON)

UKRAINIAN SSR:R. Moscow, Simferopol, 15450; f/data green/gold RM cd in 39d air. NA Service.(GIANNINI IL)

R. Moscow, Vinnitsa. 11730; multi-colored cd w/republic flags: full
              R. Moscow, Vinnitsa, 11730; multi-colored cd w/republic flags; full data, but with wrong date; 49d air, no rp.(STRAUMANIS IL)
R. Kiev, 7130; cd w/drawing of boy & girl's head w/date, time, & meter band in 280d air; apologized for delay in reply.(VOGEL PA)
11860; Full data design in colored circles in 202d air.(DAY CA) Radio Tower w/R. Kiev overprint cd in 155d for 1IRC.(FROEMMING AZ) 15180;;
Map card in 270d air, no rp.(RADTKE CA)15450; colored circle cd w/logo in center-full data in 210d air.(TRUBEE HI)In 120d,f/data sun cd for no rp.(RODRIGHEZ PR) Circle cd w/full data in 150d, no rp.(VOGEL PA)
 in center-full data in 210d air.(TRUBEE HI)In 120d, I/data sun cd for no rp.(RODRIGUEZ PR) Circle cd w/full data in 150d, no rp(VOGEL PA)
USSR: R. MOSCOW, 9610; fulldata cd w/site as Tula from NA svce in 21d
air.(VOCKEROTH PA) Sorry, this should be under RSFSR, European. 11850;
full data green/red/white geometric design cd in 39d(CAPILI HI)12000;
red flag cd, 50d; site-Armavir.(MILLER CA)15440; Blue MOCKA f/data cd
+ pennant, sked in 41d; V/s: Margaret Nikitina. (CRAWFORD SCOTLAND)
VATICAN: Vatican Radio, 5995; Angel statue/antenna cd,47d for 3IRC(SIGEL)
9605; f/data color PC in 59d for no rp.(LEVIN NY) 11845; Angel/Antenna
cd in 80d for 2IRC; 3rd cd for same rpt.(DAY CA)
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ASCENSION ISLAND: BBC, 11820; no data Thames cd, 56d, no rp.(HICKMAN OR)
Same, no data cd in 35d air for 2IRC; V/s: D.A.J. Will.(HARDING CA)
     VOA, 15350; Full data Capitol cd in 9d for no rp.(MAYER IL)

BURUNDI: R. Cordac, Bujumbura, 4900; Standard R. Cordac cd w/all data +
sked in 32d air for 3IRC; V/s:Leroy Little, Chief Eng. (HENDERSON MD)

CAMEROON: R. Yaounde, 4972.5; Map cd in 42d air, 2IRC, EE rpt.(OLIVER NH)
     CHAD: ORTN, N.Djama 4904.5; unsigned full data 3 photo cd in 17d air sent via Washington D.C. embassey.(GIANNINI IL)
     CONGO: La Voix de la Revolution Congolaise, Brazzaville, 15190; Typed ltr. of verification; f/data + sked in 24d air, 3IRC, EE rpt. (ZVONE CA) VIC#61 EGYPT: R. Cairo, 9475; B&W line drawing cd + sked in 34d, no rp(BROOKER MI)
    GABON: R.TV Gabonaise, 4777; cd in 35d air for 2 IRC.(RODRIGUEZ PR)

KENYA: V. of Kenya, Nairobi, 4915; Full data letter from Chief Engineer,
name unreadable, in 242d air for 3IRC and EE rpt. (OLIVER NH)

LIBERIA: VOA, Monrovia, 7195; Capitol cd w/no date in 8d, no rp.(STUART OK)

MALAGASY REP.: R. Nederland, Talata, 11730; Happy Station cd in 25d air for
no rp.(RODRIGUEZ PR) 11740; f/data World DX FRiendship Year card + sked
              in 240d surface for no rp, EE rpt.(SRIDHAR INDIA)
Radio Madagascar, Tanararive, 3288; no data Rdif. Nat. bldg card in
105d air for ZIRC, and EE rpt.(CHAFFIN CAMEROON)
   MOROCCO: VOA, Tangier, 11760; Capitol cd w/time, freq. in 9d, no rp(STRAUMANIS)

21455; Same Capitol cd, 7d, no rp.(T. SMITH FL)

NIGERIA: NBC, Ibadan, 3204; F/data green/white R. Nigeria cd + full regional & VONsked rec'd; in 26d air, no rp;V/s:B.Eokoh.(MAYER IL)

NBC, Lagos, 4990; new black/white/green cd in 22d, no rp.(MOORE PA)

V. of Nigeria, Ikoroda, 11900; grn/white flag cd + sked in 17d air
for no rp, EE rpt.(CHAFFIN CAMEROON)

RWANDA: Deutsche Welle, 5995, 11905, 21540; painting cd. Der Kaktas, w/date
for no rp, EE rpt.(CHAFFIN CAMEROON)

RWANDA: Deutsche Welle, 5995,11905,21540; painting cd, Der Kaktas , w/date only in 40d air, no rp.(CHAFFIN CAMEROON)

SIERRA LEONE: S. L. Broadcasting Service, 5980; 0625GMT; ltr w/full verie incl. pwr.(10KW); also sent name of a Boston listener who gave them a 54444 SINFO one time; in 34d,no rp;V/s:E.P.Roberts,Eng.InCharge(EARHART)

SOUTH AFRICA: Radio RSA, 3995; Full data Coral Tree Blossom cd in 25d air for 2IRC.(HARDING CA)5980; Baobab Tree cd w/f/data + pennant, sked & mag in 14d air for 2IRC(CAPILI HI) 9525; Baobab Tree cd, 14d- my 100th verie arriving on Friday,the 13th.(SCANNELL MA) 9585; Baobab cd, 19d, 2IRC, EE rpt.(PASCHKE WI)9695; Color foto of Cullinan Diamond + booklets on S.Afr. in 53d air for no rp.(SMITH FL) Same Cullinan Dia. cd in 16d, no rp. (BEAL WA) 11900; Diamond cd in 13d, no rp.(HICKMAN OR)

SABC, Johannesburg, 3250; Full data "Industries" card, in color + sked in 17d for 2IRC.(THOMPSON NM) same cd, 14d for 2IRC.(PIMELETT ALB.)

SUDAN: R. Omdurman, 9505; Letter w/confirmation statement and date only + sked in 68d air for Mint Stamps(MS) (used) and EE rpt.(GAVARAS MN)

Ltr w/date only in 32d, no rp;V/s: Ali Mohammed Ali, Public & Internal Relations Dept.; sent via U.S. embasey; EE rpt.(GIANNINI IL)
             Relations Dept.; sent via U.S. embasey; EE rpt. (GIANNINI IL)
   ASIA
BRUNEI: R. Brunei, 7215; Picture cd w/Mosque, Bornee map & oil well-all data less pwr in 10d air for 1IRC, EE rpt.(TRUBEE HI)

CHINA (PEOPLES REP.): R. Peking, 5270; typed ltr. w/no data, but verie statement and denounication of Lin Piao & Confucius; in 45d air for no rp, EE rpt.(SZOT CA) 7120; PC-painting of 3 children singing in 30d for no rp. (EARHART PA) 9780; color painting cd of 'Night Cruise thru Yangtse Gorge' in 26d air, no rp.(SMITH FL) 11685; 'Red Flag Canal' cd w/no time in 15d for 2IRC.(SIGEL IA) 15385; Night Cruise cd in 30d, no rp.(RADTKE CA) Chekiang People's Broadcasting Station, Hengchon, 2475; 1230GMT; EE ltr sying they don't verify because they are a home service station; told me to listen to R. Peking instead; 64d,EE/CC rpt, no rp.(SZOT CA)

CHINA(REP.): V. of Free China, 7150; Green Jade Cabbage card in 85days air for no rp and english report (EEAL WA)

INDIA: AIR, Delhi, 9912; full data color PC showing the 'Konarka Sculptures; By air in 150d for 2IRC; V/s:N. Ral, Audience Research OFF.(LOEDELL MA)

11620; Same card in 165d air, no rp, EE rpt.(CHAFFIN CAMEROON)
 11620; Same card in 165d air, no rp, EE rpt.(CHAFFIN CAMEROON)
INDONESIA: RRI Yogyakarta, 5047; Full data map card, 222d, 1IRC, EE rpt(BODELL)
IRAN: Voice of Iran, 9022; TV Production Center card with full data & plastic pennant in 30d (FLEMING NY)
 IRAQ: R. Baghdad, 9745; Full data colorful map card + sked & cardboard eagle in 16d for 1IRC, EE/FF rpt.(SMITH TN)
ISRAEL: IBA, 12025; Menorah card + sked in 39d for IBA rpt. form, no rp. (BROOKER MI) 15100; Same card + booklet"Israel in Brief" in 42d air for no rp, EE rpt. (TANNENWALD NY) 15490; Full data same cd, 56d, 2IRC (THOMPSON)
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JAPAN: R. Japan, 5990; SUMO wrestler card + 2 PC's, brochure & sked in 30d air for no rp. (BEAL WA) 9505; Color PC of YAKKO, footman of Samurai family, 1603 + picture folder of station; in 14d air, no rp. (SCOTT FL) Samurai footman cd + R. Japan News & sked in 14d, no rp. (BROOKER MI) 11815; Sumo champ cd + PC in 23d air, no rp. (CHAFFIN CAMEROON)

FEN, Tokyo, 11750; Blue/white card with TV camera & microphone inside circle; in 33d for no rp. (HICKMAN OR)

JORDAN: Hashemite BC Svce, 7155, 2200GMT; picture PC of 'Jerash Street of Columns' w/full data in 22d air for MS. (EARHART PA)

KOREA: R. Korea. 9640: color PC of dancers-full data + color brochure in KOREA: R. Korea, 9640; color PC of dancers-full data + color brochure in 23d air, 3IRC, EE rpt.(CAPILI HI) Dancers & Kosam-Nori(group game) cd's 23d air, 51RU, EE rpt. (CAPILI HI) Dancers & Kosam-Nori (group game) cd's + 2PC's & pennant in 60d air, no rp. (BEAL WA)

KUWAIT: R. Kuwait, 15415; full data building folding cd w/info on Kuwait in 36d for 1IRC (BARON PA) 48d, no rp, same cd. (TANNENWALD NY) Same card in 62d air, no rp. (CRAWFORD SCOT.) Same folding card, 75d, 1IRC (SCOTT FL)

LEBANON: R. Lebanon, 11955; Full data building card in 41d air by registered mail. (RODRIGUEZ PR) Hope. Hope. Hope. Hope.

MALAYSIA: V. of Malaysia, 11900; Foder card w/station foto & map of Malaysia on back- all data less pwr in 300d surface, 1IRC. (TRUBEE HI)

BBC. Tebrau. 9740: River Thames cd w/BBC FERS' only in 21d air for no aysia on back- all data less pwr in 300d surface, 1IRC.(TRUBEE HI)

BBC, Tebrau, 9740; River Thames cd w/BBC FERS' only in 21d air for no
rp.(STRAUMANIS IL) 11750; Same cd, 55d, no rp.(HICKMAN OR)

PAKISTAN: 11672; R. Pakistan; Full data full color card of Shalimar Gardens, Lahore in 51d after follow-up; 2IRC, EE rpt.(PIMBLETT ALB.)

PHILIPPINES: VOA, Tinang, 11965,11930; Two antenna cards with time and
freq, in 14d, no rp.(HICKMAN OR)

RYUKYU ISLANDS: VOA, Okinawa, 7165; Antennan cd with time, freq, 8d for no
rp.(HICKMAN OR) Capitol cd, 10d no rp.(EARHART PA)

SARAWAK: R. Malaysia Kuching, 5005; Full data "Ususan Kerajan-Kuching"
card in 45d air, 2IRC, EE rpt.(SZOT CA)

RSFSR(ASIATIC): R. Moscow, 12000(Armavir), 12050(Khabarovsk), 15210(Petropavlovsk); R.M. cards in 35d, no p.(DAVIS CA) R. Moscow, 12050;
Vladivostok; F/data green, brown, red trianges cd, 33d, no rp(HICKMAN OR)

SINGAPORE: 5010; Full data housing development cd + note saying that 5010
is test transmission; in 23d air, 2IRC, EE rpt.(DAY CA) 7170; Housing cd
+ Tamil pgm sked in 40d air, no rp.; full data(SRIDHAR INDIA) 11940;
Colorful "Singapore At Nite" cd + sked & brochure in 20d air for no rp.
V/s: Kwa Soon Chuan.(RADTKE CA) V/s: Kwa Soon Chuan. (RADTKE CA)

V/s: Kwa Soon Chuan. (RADTKE CA)

SRI LANKA: Sri Lanka BC, Colombo, 15120; Full data small white map cd & Ceylong B.C. written in EE and two other languages, Sinhala, Tamil; in 25d air, no rp.; V/s: Eng. Officer, J.A. Herath. (BELLEVILLE IL)

VOA, Colombo, 11835; Capitol cd, 8d, time/freq only. (DAY CA) 15285;
Capitol cd, 11d, Full data! (VECCHIOLA PA)

TURKEY: V. of Turkey, 11880; Card, mostly address, confirmation, sked and up in a corner, "porcelain in Sehzade Musta Fa Mausoleum"; in 36d air for no rp. (SCANNELL MA) Same cd, 23d air, no rp. (EARHART PA)

UZBEK SSR: R. Tashkent, 15460; Full data Chime Tower & Statue cd + sked in 36d air for 1IRC. (BARON PA)



VIETNAM(NORTH): V. of Vietnam, 10040; F/data white paper cd & sked in 164d for no rp.(BARON PA) 15012; ltr. with date, time only in 166d surface for no rp., EE rpt.(SMITH TN) white paper QSL, 101d, no rp., EE rpt.(PIMBLETT)

AUSTRALIA: R. Australia, 9570; Full data "Flannel Flower" cd, 17d, 2IRC. (SIGEL IA) Tropical Fish & Coral Barrier Reef-Queensland cd in 220d for nor rp.(GAEDE CA) 9580; Barrier Reef & female Kangaroo cards in 105 & 370d surface for no rp. (EARHART PA) Flower cd and pennant(green) + personal ltr in 60d air for 1IRC.(SCOTT FL) Kangaroo card, 91d, no rp. (TRZASKUS IL) 11710; bearded greenhood wild flower card in 119d for no rp. (BROOKER MI) Tropical Fish cd, 91d, no rp.Beautiful card/!(TRZASKUS) 15160; Kangaroo cd, 107d, no rp.(PIMBLETT ALB.) 15320; Tropical fish cd, 92d,norp.(HARDING CA) Same, 75d, no rp.(GAEDE CA)17795; Kangaroo cd in 15d air, 2IRC.(YAJKO PA)21740; Tropical Fish cd,105d,no rp(DAY CA) ABC, Brisbane, VLM4, 4920; Full data blue map cd w/wrong time in 15 days for no rp.(STRAUMANIS IL) ABC. Perth. VLW9. 9610: Full data blue western Australia map card in

ABC, Perth, VLW9, 9610; Full data blue western Australia map card in 38d air for no rp.(SMITH FL)

38d air for no rp.(\$MITH FL)

HAWAII: WWVH, 10000; card w/drawing of Hawaiian w/spear w/full dta in 37

days air, no rp.;V/s:C.L. Trembath, Eng. In Chg.(EARHART PA)

NEW CALEDONIA: R. Noumea, 7170; blue/black white map cd w/date, freq; in

55d for no rp, FF rpt.(GIANNINI IL)

NEW ZEALAND: 9540; NZBC, Wellington; full data globe cd + booklet, sked

in 80d air for 2IRC, EE rpt.(CAPILI HI) 15110; Globe card in 120d(DAVIS)

PAPUA: R. Wewak, VL9CD, 3335; Personal ltr written on station letter head

in 55d surface, 1IRC;V/s:M.Gugutimi; ADDR:Box 65, Wewak.(SCOTT FL)

TAHITI:R. Tahiti, 11825; Blue listener card + sked in 60d air for 1IRC,

FF rpt.(SCOTT FL) 15170; Same bleu card in 26d for 1IRC.(THOMPSON NM)

Full data 'thumbs up' blue listener cd in 37d air, 3IRC.(CAPILI HI)

SOUTH AMERICA:

ARGENTINA: Radiodifusion Argentina Al Exterior, 9690; blue/white globe cd in 60d for 1IRC, SS rpt. (LEVIN NY) Same cd, full data in 60d air for no rp, Port. rpt. (BEAL WA) Full data globe cd, 42d air, no rp. (VECCHIOLA)

Same, 61d, no rp, EE rpt; sked rec'd also, separate cover.(SCANNELL MA)
R. Belgrano, 6090; ltr. w/veri statement,date, & freq + large blue
pennant in 21d airfor SS rpt via D.C. embassy; V/s: Maxine Koelble(GIANNINI)

pennant in 21d airior SS rpt via D.C. embassy; v/s:maxine noeible(Glandine R. Nacional, 15345; blue/white paper pennant delobe w/RAI initials & tourist info along w/RAI cd; 38d no rp, SS rpt.(GIANNINI ILL)

BRAZIL: R. Nacional de Brasilia, 11720; full data Brasil Turistico PC in 103d sir for no rp, EE rpt.(CRAWFORD SCOT.) 15245; cd w/aerial view of Brasilia w/date, time only in 29d air for 3IRC, EE rpt; + pgm sked & Brazilian stamps.(CLEVELAND CA) 15445; Full data, view of Brasilia in 30 days air no rp. EE rpt (REAI WA)

Brazilian stamps.(CLEVELAND CA) 15445; Full data, view of Brasilia in 30 days air, no rp, EE rpt.(BEAL WA)

CHILE: La Voz de Chile, 15150; picture PC of small houses on stilts above boggy place, card description reads, "Houses of Meandros constructed above high tide in Chiloe.";in 70d, no rp.(EARHART PA) Color PC of "Hosteria de Ancud" w/full data + sked & ltr. in 55d for 1 IRC, EE rpt.;V/s: Gustavo Heitmann S.(THOMPSON NM) In 41d air, a full data PC of San Vincente Indurstrial Complex; no rp, EE rpt.(PIMBLETT ALB.)

R. Diego Portales, 9570; typed personal ltr, in SS, in 24d for 2IRC and SS rpt along w/US stamps;V/s:Raul Tarud Siwady,Gerente Gen.(STRAUMANIS)

R. Mineria, 9750; EE/SS form ltr w/date only in 21d air for MS and SS rpt. along w/apennant I sent from local tourist attraction; rec'd one in return. V/s:Jorge Rodriguez ARIZTIA. Gerente. (MOORE PA)

return. V/s:Jorge Rodriguez ARIZTIA, Gerente. (MOORE PA)

COLOMBIA: Ecos del Combeima, Ibagne, 4785; 0830GMT; long SS ltr. written on

Super Radio' stationary w/verie statement only; wants to be a pen-pal; in 26d air for 2IRC, ss rpt.; V/s:Jorge Eliecer Sanabria Amortequi Parra; whew!.(SZOT CA)

Em Cultura Surcolumbiana, 5010; short ltr giving veri statement in 30 days air for SS rpt, 2 IRC; V s:Dario Silva, Director.(LANOUE MA)
R. Nacional de Colombia, 9635; Bavaria bldg PC + neat pennant in 51d surface for 2IRC, SS rpt.(LEVIN NY) Air view PC of Manizales(Caldas)

Colombia in 33d air, 2IRC, EE rpt.; V/s:German Vargas. (BEAL WA)

ECUADOR: Emisora Gran Colombia, Quito, 4910; No data SS ltr w/verie state ment only in 20d, MS(used),SS rpt; rec'd pennant also.(GAVARAS MN) Same ltr, pennant in 56d,MS,SS rpt;V/s:Eduardo Cevallos Castañedas(SMITH TN) Radiodifusora Nacional, 4939; ltr & PC in 1½ years air from Carlos Espinosa de los Monteros, Dir.; MS sent. (CALKIN ONTARIO R. Centinela del Sur, 5020; long ltr giving complete verie & requesting morerpts; 21d air, SS rpt., MS;V/s:Herman Coronel V. (LANOUE MA) Same ltr in SS in 39d w/date.free. for SS rpt. and MS local decal.(SMITH TN)

in SS in 39d w/date, freq. for SS rpt. and MS, local decal. (SMITH TN)

GUYANA: GBS, 3290; ltr. w/full data in 20d for 1IRC.(RODRIGUEZ PR)

PERU: R. Atlantida, 4788; No data confirmation ltr, written in SS*and
quite friendly; in 60d air, MS(not used), SS rpt. (GAVARAS MN)

R. Union TV S.A., 6115; Inca Bird God card in 135d, 1IRC, which was
returned, SS rpt.;V/s:Cesar Arce Scarned, Dir. Gerente.(DAVIS CA)

VENEZUELA:R.Lara,4800;Grn/wh globe cd,no time,37d,1IRC,SSrpt.(GAVARAS MN)

R.Universo,4880;Same cd, no time,38d,MS(not used),SS rpt.(GAVARAS)

R.Juventud,4900;Grn/wh cd w/2dancers,39d,MS(n.u.),SS rpt.(GAVARAS)

R.Barquisimeto,4990;globe cd, 28d, 1IRC, SS rpt.(SCOTT FL)





CANADA: RCI, 11825; Full data World Cycling Championship card in 21d sur. for no rp. (PASCHKE WI) Microphone/globe cd, 30d, no rp. (BEAL WA) CUBA: R. Habana, 9525; F/data multi-colored circle cd,85d,EE rpt(HARDING)
TT950; grn design cd in 105d w/thank you ltr, no rp.(BROOKER M) MINICAN REP: RTV Dominicana, 9505; Verie ltr. in 25d for 1IRC, EE rpt.; V/s:RA Font Bernard.(MOSMAN IL) GUATEMALA: R. Cultural, TGNA, 3300; Quetzal Bird cd w/no time + sked & info on station in 19d air, 1IRC, EE rpt. (STRAUMANIS IL)

TGVN, LV de Nahuala, 3360; colorful silk screen QSL card in 30days;

(NEUMANN IN) HAITI: 4VEH, 11835; Vertiers Memorial cd, folding B&W,30d,no rp(RADTKE CA)
HONDURAS:R. Progresso,4920; f/data ltr in 20d air for 1IRC.(RODRIGUEZ PR)
MEXICO:R.Universidad de Sonora, 6115; F.data cd,22d sur., MS,SS rpt(LEISTNER)
NETHERLAND ANTILLES: R.Wederland, 17830; Amsterdam drawing PC + pennant from Fr. Svce in 16d, 1IRC, EE rpt. (LEVIN NY)

TWR, 11815; 'Island of the Flamingos' cd w/full data + pennant in 11d air for 3IRC; V/s:J.F. Schipper. (ROGACKI) (JONES MS)

Alr 10r 31RC; V/s:J.F. Schipper.(RUGACKI)

NICARAGUA: R. Mar, Puerto Cabezas, 9580; friendly SS ltr w/date only in 240d air for no rp & EE rpt; V/s: Ricardo Pérez Ulloa, Gerent-Propietario.

UNITED STATES: AFRTS, 11805; F/data bl/wh/cd w/DOD seals, 11d, nrp(HICKMAN)

U.N. Radio, 6055; F/data bl/wh globe cd, 95d sea, no rp. (CRAWFORD SCOT.)

V.of the OAS, 9640; PC w/OAS symbol, f/d, 51d, no rp. (PASCHKE WI)

KGEI, 9520; f/d San Fran. cd, sked; 14d, no rp. (d'ADOIF TX)

WYFR, 11770; Microphone cd, 20d, no rp; full data. (DENNIS IN)

WINB, 15185; Plain wh. cd, full data, 39d, dime, .(HARDING CA)

WWV, 15000; Indian looking at valley cd, f/d, 18d, dime. (YAJKO PA)

That's it, folks! I was only alloted 7 pages this month, so S Q U EET. Best wishes to all and I hope I saw you at NOCAD's.It was great (wasnti

-Tips and Topics-

The Feature Section of SPEEDX

SPEEDX Editor: Arthur S. Getzel - 70-29 Kissena Blvd - Flushing - NY 11367

CHINKS IN THE IRON CURTAIN: Foreign Radio Audiences in Eastern Europe

by Ron Lanoue

A few years back, when Radio Free Europe was still pretending to be a privately-financed broadcaster, it ran a series of TV fund-raising ads in which a storm trooper burst in on a group of guilty-looking Slavic peasants and smashed the radio around which they were huddled. The message was plain: RFE had a large, determined audience which took great risks to hear this, their only source of objective information. With the revelations of CIA financing, and Sen. Fulbright's assessment of RFE and R. Liberty as "cold war relics", some doubt may however have been cast on the simpleminded TV commercial.

Measuring Socialist bloc audiences presents various problems. The target nations are hardly likely to permit surveys of their populations. Audience mail is also unpredictable. as official policy on this type of foreign contact changes: for example a few years ago the R. Canada SW Club suddenly stopped receiving letters from its Hungarian members. Earlier this year, a Soviet TV commentator warned that the VOA used letters to set up spy networks—a warning not to be taken lightly in a country such as the USSR. Actually, this type of official pronouncement, and the long history of jamming of Western stations, in themselves indicate that enough people must be listening to get the governments worried.

One solution to audience measurement is surveys of visitors to foreign countries. This method can hardly produce a scientific sample, as generally only the more "trustworthy" citizens are given travel visas. This leads to a second bias toward the upper strata of the classless socialist societies, as these visitors tend to be professionals. Nonetheless, this type of survey, in the absence of other yardsticks, provides useful information. The remainder of this essay will draw on one group of US Information Agency surveys of visitors from four Eastern nations to Vienna, Austria in the summer of 1969.

In the four national samples—of Czechs and Slovaks, Hungarians, Poles, and Romanians—radio ownership was almost universal, while well over 90% of the respondents own sets capable of tuning to both shortwave and medium—wave. In contrast with Western nations, especially the United States, nearly all of those questioned listened to foreign stations: only 2% or less in each country said they never listened to them, The RFE ad, although a bit self—serving, was correct: Western broadcasters are heard by substantial segments of the populations of Eastern Europe. The implication of a climate of fear is however vitiated by the large numbers of those admitting that they listen; another statistic tells a similar story, as only a few percent of those in each sample, when asked why they didn't listen to specific stations, cited a danger to themselves.

<u>Table 1</u> "Station Ratings." Percent listening at least once a week. Sample sizes are 600 for each nationality except Romania, which is $400 \cdot "-"$ means less than $\frac{1}{2}$ of 1%.

Listeners of several stations were also asked whether they listened "mostly" on shortwave or medium wave. Numbers in parentheses are the percent of the total sample listening to that station mostly on shortwave.

The resondents were also asked to name any other stations to which he or she listened regularly. In none of the samples did the total of other stations surpass 2%.

	Czechoslovakia	Hungary	Poland	Romania
R. Vienna	15% (1%)	16% (14%)	7% (2%)	6% (-%)
R. Luxembourg	15 (15)	2 (2)	5 (2)	6 (-)
ORTF	2	5	21	16
R. Moscow	<u> </u>	1	1	1
BBC	10 (10)	26 (26)	31 (30)	11 (11)
RFE	34 (32)	53 (53)	32 (31)	53 (51)
VOA	20 (20)	22 (12)	36 (16)	14 (14)
Deutsche Welle			4 (4)	5 (3)
R. Peking				de Lexinogra
Vatican R.	. 2	2	12	4 4
RNE	6		22	1 Tay Di

It is clear from the sample values obtained in these surveys (see Table 1) that, among the upper groups in Czechoslovakia, Hungary, Poland, and Romania, if not among the general populations, the three most popular foreign stations are Western broadcasters—the BBC, Radio Free Europe, and the Voice of America. In all but Poland, RFE is the broadcaster most widely listened to, with a third to a half of the respondents tuning in at least once a week. In other words, a quite sizable chunk of the most influential persons in these countries are regular listeners of the one station most often cited in their homelands as a tool of capitalist and reactionary interests. The VOA and BBC, number two and number three on the governments' lists, are closely behind, with roughly a quarter of the sample groups as a weekly audience. The VOA appears to have a slight lead over the BBC in all but Hungary; the differences are however not really statistically significant. Unlike some non-Communist countries, there is scarcely a chemical trace here of an audience for the two largest Eastern broadcasters, R. Moscow and R. Peking.

Table 2 Newscast Credibility. Those saying each stations' newscasts are "very objective" or "fairly objective", among those listening to that station at least once a week. Sub-sample sizes are in parenttheses after the appropriate percentages.

BBC		C	RFE		VOA	
	Very	Fairly	Very	Fairly	Very	Fairly
Czechoslovakia	18%	67% (148)	22%	63% (310)	40%	56% (187)
Hungary	53	43 (180)	28	64 (378)	45	47 (177)
Poland	26	67 (196)	8	61 (199)	38	58 (221)
Romania	37	62 (52)	42	55 (178)	38	56 (56)

Another set of statistics (Table 2) show that the inhabitants of the four countries not only listen to the BBC, VOA, and RFE, but that they believe what they hear. The four samples give a high credibility rating to the news of these stations: in only one case (RFE in Poland) is the combined percentage of those describing any station's news as "very" or "fairly" objective less than 85%: in Romania, no one called anyone's news "very" or "fairly biased."

Again unlike other regions, the VOA is given a somewhat higher credibility rating than the BBC: about four of ten respondents call its news "very objective." Radio Free Europe appears to have improved over the "bad old days" when its dogmatic and inflammatory programs were said to have contributed to uprisings in several countries: it is about as believable as either of the other two stations (except in Poland). It should be

emphasized that these figures represent the opinions of those persons most favorably inclined toward their countries' regimes; one could hypothesize that among the general population these broadcasters are rated even more highly.

The station listenership percentages (Table 1) show several other items of interest. Radio Luxembourg, that phenomenon of West European radio, enjoys a certain audience beyond the border checkpoints; perhaps, as it has been claimed, pop music is an international language. Heavily Catholic Poland listens to Vatican broadcasts more than other countries. Finally, Deutsche Welle, despite programming generally similar to the VOA, BBC, and RFE (and no disadvantages in transmitting facilities) has an unexplainably smaller audience.

At any rate, it is easy to understand why the region's governments are so irritated by the Western broadcasters: the latter are doing their jobs well. These stations are performing an important function in breaking the seal of the vacuum chamber of the East and preventing suspicions and fears from growing in isolation. Maybe the fact that the governments still sell radios capable of receiving these stations, and apparently take only token action against listeners, is an implicit acknowledgement of the value of international broadcasting.

RADIO FREE EUROPE RESEARCHERS TAKE PULSE OF SOVIET BLOC

Contributed by Jim Whitehead from the International Herald Tribune of 4/22/74

MUNICH, (IHT) -- The effective working of what is perhaps the West's most extensive analysis operation concerned with trends and events in Eastern Europe--the research department of Radio Free Europe--is being threatened by lack of funds.

Action by the US Congress has caused a 12 percent reduction in RFE's staff in recent months and, while trying to fend off accusations by Sen. William Fulbright that the whole institution is "a cold-war relic", RFE will shortly launch a campaign for contributions from European sources.

Its executives propose that the operational costs for running the broadcasting side of RFE's activities should continue to be covered by the United States, but European governments, institutions, and businesses should be persuaded to help with the rest of its budget.

The research department has existed ever since RFE first went on the air in 1950 and is regarded as a uniquely comprehensive record of life in Communist countries. It currently employs 63 full time researchers, most of whom have at various times fled their native countries in the Soviet bloc. Their work, evidenced mainly in monthly reports and background papers, has been praised by academics and politicians throughout the West--not least by (Ex)president Nixon, who admits to a "long-standing and unreserved admiration for the job RFE is doing," adding that it is "indispensable to more normal relations between East and West and to better prospects for an enduring peace."

The research department grew to meet the needs of RFE's broadcasting activities on the grounds that intelligent and informed programs to the Eastern bloc necessitated up-to-date knowledge of RFE's "target area" on a daily basis.

During the last 15 years, the department's scope has changed considerably. From being merely a "passive" adjunct to the broadcasting, it has steadily developed its own identity and now suggests topics for programs, backing those up with facts and interpretations. Interested bodies outside RFE, including Communist clients, began to make increasing numbers of requests for the departments' material. There are now more than 1000 subscribers worldwide to its output which they receive free of charge paying only the postal costs.

Its main source of information is the Eastern European press itself. Every publication--ranging from national and regional newspapers to specialist

magazines and even papers concerned with pop music and sports--is meticulously sifted for material.

Thus, RFE takes about 178 publications from Czechoslovakia, more than 100 from Poland and 80 from Bulgaria. In addition, it monitors all radio programs from the East and reports on them.

While much of this monitored material is arid propagandizing, the expert knows what is genuine news, has learned to read between the lines of Communist officialese and regards no detail as too trivial to provide a useful clue to life and events "on the other side" as they say.

"This sort of painstaking work requires a special 'nose', " said Jim Brown, an Anglo-American who has headed RFE research for the last five years. "Our anxiety is to preserve this unique team of experts. If for any financial reason they had to be disbanded, they would be absolutely irreplaceable. We could never find or train people with their special skills and background again." Already, he said, the problem facing his department is not lack of material, but lack of staff.

A tour of the department gives some idea of the depth of research. In the Polish section, for example, there are more than 150,000 index cards, nearly half of which are personal cards recording biographical details of leading past and present government and Communist party officials.

On one batch of cards as thick as a fist, is the 20-year history of Polands largest steel plant from its launching with Soviet aid to its current production. There are files on the police, on old-age pensioners, architecture, the Roman Catholic Church, water conservation, foreign relations and even gastronomy.

The director of RFE's Polish research section, Kazimierz Zamorski, author of a book on Soviet justice who never returned to his homeland after world War II, said: "It's interesting that the regime officially acknowledges that there are such things as juvenile delinquency and prostitution in Poland but no Polish authority will admit that unemployment exists under the system. Of course, it does. By doing calculations with some of the material available to us, we can make an accurate assessment of how much unemployment there is in the country." This sort of activity is, he said, "Benedictine work," but claimed that he and his staff have an insatiable appetite for it, fueled by fierce intellectual distaste for Marxism.

Another aspect of RFE's research effort is what he called "cross reporting." By monitoring all Communist radio stations the department is able to feed news back into the Soviet bloc, informing listeners of what is going on in a neighboring Communist country.

As a matter of Communist policy, very little of what goes on in one Eastern European country is broadcast to another. The public in each satellite country is, therefore, almost as poorly informed of what goes on in other Warsaw Pact nations as it is about happenings in the West.

During the last 10 years the fact that all the Communist states, despite widely differing backgrounds have many problems in common and that what is happening in one may be of considerable interest to an audience of another, has found a growing reflection in RFE's output.

A research paper on Hungarian intellectuals will provide program material for the other RFE national services, as will an analysis of the growing anti-Chinese campaign in Czechoslovakia or the problems of the Turkish minority in Bulgaria or reports of Romania's interventions at the Geneva conference on East-West security and cooperation.

The research department's executives believe its scope far outstrips the resources of any Western government to record and analyze information from the Communist bloc. It is significant that every Western ministry of foreign affairs subscribes to the department's reports. The US State Department is a client and so, through a roundabout route, are the Chinese. RFE's effort to involve the Europeans more closely in its operations have to be seen against the background of the current security talks. Executives here fear these talks might stimulate a demand from the Russians that RFE be closed down and this might find some sympathy in certain US political quarters.

Ley feel that a contribution from European sources would help to blunt

6 sy feel that a contribution from European sources would help to blunt a complaint of US critics that the Europeans are not paying for cilities which are of essential and direct benefit to them.

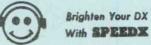
NOVEMBER CONTRIBUTORS PAGE

Each contributors name is proceeded by a number. This number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for Columns/Sections other than SWBC, QSL and UTE Columns are not listed here, they are recorded separately at Headquarters.

-	the state of the s				
2	AGNER, MIKE	NJSX-110	,	TEUTN TAV	MV DV 160
	BARON, BRUCE	PAA-2515		LEVIN, JAY	NYDX-160
	BEAL, BART	WADX-150A		LOBDELL, CHRIS	MASW4A
				MAYER, ALAN	ILSB-310
	BODELL, BOB	ORSPR4		MEEHAN, JIM	CASX-190
	BROOKER, JIM	MI.CRF-5100		MILLER, AL	OHHRO-500
	BROOKS, ALAN	CTDX-150A	2	MILLER, GUS	CADX-150A
	BROWNE, DAVE	CASW4A	4	MOORE, DON	PAXCR-30
	BUTTERFIELD, BOI	B MAHQ-100	4	MOOSMAN, JOHN	ILSW4A
	CALKIN, GREGG	AFGHSW4A *	1	MULLEN, WES	MTSX-190
5	CAPILI, KIMO	HIDX-150B		O'SHEA, MIKE	NY11-520
	CHABAK, MIKE	CODX-150B		NEUMANN, SERGE	IN. AR-88DM
	CHADBOURNE, H.L.			OLIVER, WAYNE	NHSX-190
	CHAFFIN DAVID	CAMSB-310		PARIS, GREG	MIDX-150B
	CLEVELAND, BIIL	CASPR-4		PASCHKE, BILL	
	COMPTON, KEN	MADX-150A	2	DIMPLETT MICET	WIR-530
				PIMBLETT, NIGEL	ALBDX-150A
	CRAWFORD, WM.	SCOTTR-865		RADTKE, CARL	CASPR-4
	CREWS, DEMPSEY	FLDX-150B **		RAMOND, BOB & M.	MASX-190
	d'ADOLF, STEVE	TXR-530	1	REDMAN, RON	IL.PRIS1660
	DAVIDONIS, LEO	MA.BASF9300	1	RODRIQUEZ, ED. P.	-RICOD7000-Y
	DAVIS, JAMES	CAGR-54		ROGACKI, STAN	N S-40A
4	DAWSON, ARCH	CASPR-4	1	ROGERS, JOHN	ME??
2	DAY, EDWARD	CASX-190	2	ROSE, JOHN	ENGED-670C
2	DENNIS, AMEL	INSX-190	1	SAMUEL, DAVID	NYS-120
4	EARHART, KEN	PASX-190	3		CAR4C
4	FAMULARO, RALPH	NJR-2311	4	SCANNELL, MARK	MASW-717
1	FISCHER, KLAUS	GERM GRUNDIG	2		CADX-160
1	FLEMING, KEVIN	NYDX-150B	6		FLFRR-502
	FROEMMING, GARY	AZDX-150	2	The state of the s	IAHA-500
	GAEDE, ALLAN	CAHQ-180	1		NYSX-190
	GAVARAS, TOM	MNHQ-180	1		NYSX-190
	GELFAND, STEVE	NYNC-183D		SMITH, TOM	FL. HA-600A
	GIANNINI, ROGER	ILSPR-4	3		TN. TRANS-0
	GREENALL, DAN	ONT DX-150B	3		
	GRIDER, DON	MDSW4A	2		NDIA. EBS-124
	GRIFFITH, DON				
		MOR4B	4		OKSX-190
	HANDLER, STEVE	ILSX-130	1		CANC-183
	HARDESTER, MIKE	CAXCR-30	2		NY.NORMEADE
	HARDING, BARRY	CADX-150A	5		NMHQ-145A
	HAUSER, GLENN	OKHQ-160	1	THURMAN, SKIPPER	ILHQ-600A
1	HENDERSON, DAN	MDHQ-180A	5	TRUBEE, BIL	HISW4A
1	HICKMAN, MEL	ORA-2515	4	TRZASKUS, ROSEMAR	Y ILS-125
2	HOLBROOK, HANK	MDSP-600	1	TURNER, EVELYN	ILR-2311
1	JESSEN, WILBUR	ORR-530	2	VECCHIOLA, JIM	PAR4C
1	JOHNSON, DON	CASPR-4		VOCKEROTH, JOHN	PASX-190
	JONES, JACK	MS DX-150A		VOGEL, WENDELL	PASX-122
	KELLEY, EUGENE	FLSX-190		WOOTTEN, CHARLES	MDGR-78
	KOIZUMI, H.	JAPAN??		YAJKO, ROBERT	PADX-160
	KOLB, NEAL	FLSPR-4		ZILMER, BOB	MISPR-4
	KORET, RICHARD	NYSX-122A		ZIMAROWSKI, MARK	MADX-150
	LANQUE, RON	MA.SEARS-20		ZVONE, JOHN	CASW4A
	LEISTNER, LOU &			arona, com	Mere e e e o man
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We welcome six new reporters this month: H.L. Chadbourne, CA; Hirokazu Koizumi, Tokyo Japan; John Rogers, ME; Dennis Scannell, CA; Don Schelling, CA; Lloyd Scott, FL; We thank 101 reporters for their reports. If you are interested 8 SPR-4 and 12 SX-190.

^{*} Gregg Calkin is now in Afghanistan. ** DXing must be much better in TX than in ND, HI.



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