



Dear Sirs:

I am enclosing information about an unique opportunity for members of your DX club who are college students to spend the summer in the heart of Europe and study international broadcasting for college credit! I would appreciate it if you could include an item about this in your next newsletter. If your publication would only prefer to mention this topic in a paid advertisement, please let me know, but if you could help us out with a regular announcement it would greatly help.

We will be living in Bregenz, Austria for the six week class period and then the students will have two additional weeks for independent travel. As Bregenz is within sight of both Germany and Switzerland we will be easily able to view and hear the local domestic TV and radio of these countries full-time, and since Austria is centrally located almost all of Europe can be received at night. We will be travelling to visit broadcasters in these countries and will also venture behind the "iron curtain" to spend several days in Budapest, Hungary. I was treated royally at Radio Budapest and Hungarian Television during my visit this past September and they are looking forward to the class visit.

Students can earn six hours of undergraduate or graduate credit in Radio-TV/Journalism that can be transferred to their home school. The basic cost includes air fare, room and most meals in Bregenz, a two-month Eurail Pass for free train travel in most of Western Europe and Hungary, and an international student ID and Youth Hostel Card that can help get reduced lodging during independent travel. Non-Kentucky residents will have a slight additional charge for the out-of-state tuition, and the lodging in Budapest will probably be \$100 extra. But the cost of \$2488 for eight weeks is not much more than tours that are half the time length and do not offer course credit.

Thank you very much for your help. I would also appreciate it if you could give me details of membership in your organization and a sample copy of your newsletter or bulletin.

Sincerely,

Michael Biel
Michael Biel, Ph.D.
Associate Professor, Radio-TV

Dr. Michael Biel
Morehead State University
UPO 893
Morehead, Kentucky 40351
(606) 783-2794, 783-2134, 784-8404
fax: (606) 783-2678

MARCH, 1980

Volume 19, Number 3

IN THIS ISSUE...The First AWARDS UPDATE...How to hear the SPACE SHUTTLE...AUSTRALIA'S programme schedule...the dream of the GRAN PATRIA...the AUTEK QF-1A audio filter...a NEW AMERICAN STATION!

And all your favorite SPEEDX columnists....

Spotlight on...

MARCH 1989



EDITED BY: JOHN TRAUTSCHOLD AND THE ATARI 1040ST COMPUTER
354 N. WINSTON DRIVE, PALATINE, IL 60067-4132
(Good news...the Altair should be back next month!)

TOTAL CONTRIBUTORS: 88

1	AGNER,	MIKE	MD	1	KUSALIK,	EDWARD	AB FRG7000
1	ALEXANDER,	BRIAN	PA FRG7700	3	LAAG,	ROBERT	CA
2	BATTLES,	WILLIAM	NH IC-R71A	3	LACKMANN,	JOHN	VA
5	BERRI,	JASON	CA R2000	1	LADD	C. ALAIN	CA
6	BISHOP,	FORREST	NY RF4800	4	LANGLOIS,	HAROLD	FL
2	BLAIR,	ARTHUR	CA NRD515	3	LEADER,	PATRICK	IR D2615
2	BLIGHT,	WILLIAM	MD FRG8800	1	LEGGÉ,	ROGER	VA
6	BROWN,	EDWARD	IL ICF6800W	6	LEVISON,	HAROLD	PA IC-R70
1	BURGIN,	DAVID	BC ICF2010	10	MACGIBBON,	BRUCE	OR R2000
2	BURNELL,	D. JEAN	NF IC-R71A	1	MARX,	JOHN	WI
1	CALLIGAN,	MICHAEL	CA ICF2010	5	MATSUSHITA,	YAKIMASA	JP
5	CARD,	PETER	RI NRD515	1	MCCANTS,	DON	AL
6	CICHOREK,	EDWARD	NJ FRG8800	6	MILLER,	WILLIAM	CA DX400
1	CODDAY,	RICHARD	CA FRG7700	1	MITCHELL,	KEITH	MD NRD525
2	COLE,	JACQUELINE	CO NRD525	1	MOON,	DICK	SA IC-R71
3	COLEMAN,	ROBERT	MA IC-R71A	4	MORBY,	LINDA SUE	NY R5000
2	CONWAY,	PETER	UK TS930S	5	NEFF,	GEORGE	FL RF2600
5	D'ANGELO	RICHARD	PA NC190	3	O'CONNOR,	PATRICK	NH IC-R71A
4	DILLON,	PETER	GR DX400	1	PAGAND,	FRANK	DC NRD525
2	ECKERT,	JOHN	PA R5000	1	PRATH,	JOHN	FL NRD525
3	EHLI,	STEWART	IA IC-R71A	1	QUAGLIERI,	AL	NY EC95B/3
20	ENGBELTS,	FRANK	FG	10	RADELLA,	ALLAN	PA FRG8800
3	ETTEN,	JIM	MN	1	RANKIN,	ROBERT	KS
2	EVANS,	JAMES	TN IC-R71A	3	ROBINSON,	BETSY	TN FRG7700
6	FAMULARO,	RALPH	JP ICF6000A	4	ROCKER,	RAYMOND	MS FT757GX
1	FISCHER,	GREG	WI NRD525	6	RYAN,	TERRY	NY NRD525
1	FISHER,	JOHN	MA R2000	4	SAARIKKO,	LARRY	NY
5	FLYNN,	BILL	CA R2000	1	SAMPSON,	DANIEL	WI FRG7700
5	FRASER,	BOB	MA XCR30	1	SCHULSINGER,	MIKE	OH R5000
21	FRÖEMMING,	GARY	AZ TS430S	4	SHARPE,	BRYAN	CA DX400
10	GARRISON,	CARY	VA	6	SNYDER,	DAVID	NY RF2800
5	GEORGE,	NELSON	NC IC-R71A	1	SYMINGTON,	DARYLL	OH IC-R71A
5	GEORGE,	STEVE	MA R5000	2	THORNTON,	DON	NJ
4	GERSTNER,	JOHN	NY DX1000	3	THUNBERG,	BOB	PA R1000
2	GORDON,	ANDREW	CT NRD525	5	TRESCHER,	FRED	PA ICF2010
10	GUNTER,	JOHN	NC R2000	4	VALENTINE,	F.A.	CA IC-R70A
4	HANSON,	JEFFREY	WA	1	VOCKEROOTH,	JOHN	NJ GRUNDIG
1	HAWKINS,	HUGH	TX IC-R71A	1	WAKEFIELD,	PAUL	IA ICF201G
2	HOWELL,	JOE	CA	1	WATTS,	R.C.	KY
5	JANUSZ,	EDWARD	NJ ICF2010	1	WEBER,	DONALD	OH R2000
2	JONES,	BRIAN	TX IC-R70	6	WESTENHAVER,	WILLIAM	PQ ICF6500W
34	KLINE,	JAMES	CA FRG8800	11	WÖERING,	HAROLD	MA R1000
2	KUNKEL,	R.	CA	6	WRIGHT,	PHILIP	MB DX400
2	KUPONA,	TAKASHI	JP NRD525	2	ZIRKELBACH,	BOB	CA R1000

THE FOLLOWING COLUMNS ARE MISSING FROM THIS MONTH'S LISTING:

Western Hemisphere / Africa / DX Spread

THE FOLLOWING COLUMNS ARE FROM LAST MONTHS BULLETIN:

Asia-Oceania / Utilities / DX Montage

WE HAVE ONE NEW FULL MEMBER FOR THE MONTH OF MARCH...

C.L. BARBER.....IL

and BOY...do we have a TON of new and rejoining contributors this month!!!

MIKE AGNER.....MD JOHN MARX.....WI
MICHAEL CALLIGAN.....CA KEITH MITCHELL.....MD

FRANK ENGELBERTS.....FG	DICK MOON.....SOUTH AFRICA
CARY GARRISON.....VA	ROBERT RANKIN.....KS
R. KUNKEL.....CA	LARRY SAARIKKO.....NY
ROGER LEGGE.....VA	

Thank you all very much for your contributions to SPEEDX! Your input is what makes SPEEDX as great as it is! Keep up the good work!

NAME YOUR RECEIVER...

Remember a few months ago when I mentioned that some DXers name their receiver? Well, I've been flooded (would you believe a heavy trickle?) with other's that name their receivers as well! Well known SPEEDXer Bill Flynn says... "Back in the early 1970's I gave my two SONY portables...they were then "State of the art"...names: the big CRF-320 became THE GRAND WIZARD and the smaller ICF5900W was THE CROWN PRINCE! There have been many advances since then & I never got around to assigning more name!" Hmmm...I've used *The Grand Wizard* and *The Crown Prince* too, but in relation to something else not related to DXing (grin)! Eddie Janusz, our illustrious publisher sez he named his Selena Vega 215 "Viktor" after Viktor Korchnoi, one of the greatest chess players of all time (Ed...you're supposed to DX with the danged receiver...not play chess on it!). He also named his typewriter "Butter" after his fingers (oh grunzzz!) Keep those cards and letter coming folks!

1989 WRTH NOW AVAILABLE...

Get 'em while their hot from Don Erickson's Century Print Shop! Don always manages to offer the current WRTH's for a good rate, and this year is no exception. The "DX'ers Bible" can be purchased for \$20 each, or 5 for \$60, postpaid Book Rate. CA residents please add 6% sales tax. (6.5% after 1/1/89). Please add \$2 per copy for Priority Mail. Please make your checks or money orders payable to the Century Print Shop, and mail to: Century Print Shop, Don Erickson, 6059 Essex Street, Riverside, CA 92504-1599. Make sure to mention SPEEDX when ordering!!! If you have a questions, call Don at (714) 687-5910. Back copies between 1981 - 1986 may be ordered at \$18 each... Call for availability!

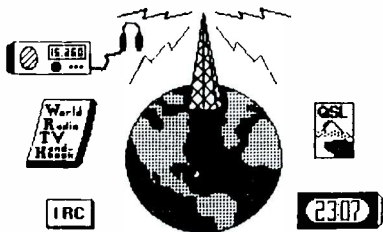
ANARC news and information...

According to ANARC's Executive Secretary, Robert Horvitz, the Boy Scout of America have decided to award Merit Badges to Scouts demonstrating skill in shortwave listening. Up until now, the merit badge was based solely on kills based on "ham radio" operations. Since this badge drew little interest, the national BSA leadership decided to expand the badge activities to include the logging of shortwave broadcasts, band surveys at different times of the day, compiling the schedules of major broadcasters, and locating broadcast sites on a map. ANARC plans on helping the Boy Scouts implement the program. The new badge guidelines will be published towards the end of March. If you would like to volunteer as a counselor for his badge for your local Boy Scout group, look them up in the phone book and call them. To obtain the guidelines for the Radio Merit Badge, go to our local Boy Scout shop and ask for pamphlet #3333. To order a copy call the national Boy Scouts order line... 1-800-323-0732. For more information contact Bob Horvitz at 703-534-7443 or drop him a note on the ANARC BBS.

OR SALE....WANTED....TRADE... (No collect calls please!)

By the way...we will start to run your ads for 2 consecutive months now! If you sell or obtain whatever it is you are advertising before the second month is up, then drop us a line so we won't run it again! If you only want your ad run for one month, please let me know when you send the ad in!

OR SALE OR TRADE: Speedx's 1976-77-78 complete. 1983 (10 issues), 1984 (minus July), 1985 (minus September), 1986 (8 issues). Make an offer. Looking for January 1974 or before issues. Ed Janusz, Box 149, Bricktown, 08723.



DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

Hi. Mr. Potato Head here, at your service...whilst typing over "Latin Notebook" last month, I referred to Caracol Neiva as "Caracol Nieva." My mistake totally. With his new typewriter, however, Carl is no longer at my mercy....

Thanks to all of you who have voted in the SPEEDX Popularity Poll so far. We still need some more of you to make this a success, however. Votes from our overseas members are valuable, too! SPEEDX newcomers (we had a lot of them in February): The Poll is a good way of getting your feet wet in "the active DX Club." Don't feel like you have to be a "DXpert" to write to this column. My first ¶ will clue you in on what kind of expert we're dealing with here....

SPEEDX SELF-PORTRAIT. by Gary Froemming

I'm 30 years old and have never been married: Still looking for that special person who likes me and at least tries to understand what this radio business is all about! I'm employed by one of the largest banks in Arizona, in the IRA Administration Department (no, not the Irish Republican Army!); I've worked for the bank a little over eight years, and before that I worked for Radio Shack.

I live in Glendale, northwest of Phoenix. The population is about 110,000 and growing very quickly; there are lots of people moving to what we call "the valley of the sun." The whole metro Phoenix area takes up quite a bit of space. It seems like you're in Los Angeles some of the time. We have less smog and fewer strange people, though! I was born in Indiana, and have lived in Arizona since 1968.

I first found an interest in SWling when I was 13, playing around with a small portable that belonged to my grandmother. The first stations I heard were Radio Netherlands and the VOA. I thought, "This is great!!" I bought a second-hand DX-150, and was off and running.

About three years later, I started to wonder about the people with the big antennas in their back yards. I went to visit one of these guys one day; this very nice man named John helped me get my Novice license; within a year I had obtained the Advanced license and the call sign WB7CAG, which is still current. I worked on my Morse skills until I could copy about 28 words a minute. Now I'm one of those guys with a big antenna in their back yard!

My main interest is in marine radio. I check into amateur nets which run traffic, usually telephone patches, for boats at sea. I also enjoy tuning in on commercial marine traffic. When I win the Arizona Lottery, I'll be able to buy a real nice sailboat and sail off into the sunset. My marine call sign is WSD7810.

I've been a member of SPEEDX for about 15 years. There were a few years when I let my subscription run out, but I always seem to come back.

On a final note, I'd like to compile a list of Hams that belong to SPEEDX. Please send me your QSL card and I'll try to set up a time and frequency where we can talk. I'm good in any callbook and will respond by radiogram.

I'm sure glad that I got into this radio hobby. I do everything I can to let others know about it; I hope you will do the same.

Nice essay, Gary! Let me know when you get some SPEEDX QSO's! Check out John Trautschold's column ("ANARC News") for a way you can help popularize the hobby; the Boy Scouts are going DX!

BEEB NOOZ

Starting on about 23 March, the BBC will re-orient its 9915 kHz transmitter to give better reception for listeners on the West Coast. (I'm apparently the only person on Earth who likes "Waveguide," so I thought I'd pass this along).

HOW TO HEAR PIRATE STATIONS, by William Blight

You might begin by asking, "What's the difference between a pirate and a clandestine broadcaster?" SWL's don't always see the difference.

A pirate station is broadcasting for the fun of it, usually, even if it takes a political stance. However, a clandestine is NOT on the air just for fun; it's there to broadcast to the population of a certain nation, and often encourages citizens to overthrow that nation's current government.

Here are a few hints on how to hear pirate stations. The best time to listen is from 0000-1000 UTC on weekends, especially on holiday weekends, when pirate activity is the heaviest. One place to look is just above the AM band, from 1620-1700 kHz. Shortwave pirates in the USA utilize the 7400-7500 kHz range (mostly between 7410 and 7425). European pirates often use the 6200-6300 kHz range. In the upcoming two or three years, there should be an increase in pirate activity, as sunspot activity increases. Since pirates often run on low power, they need "help" from the sunspots if they are even thinking about getting a good signal out over long distances.

If you are already into listening to pirate stations (or clandestine or spy/"numbers" stations), a good bulletin is available from the Association of Clandestine Enthusiasts. A sample is \$1.50 from A*C*E, Box 46199, Baton Rouge, LA 70895-6199.

Thanks, William. Since you sent this to me, I've actually heard one of these guys. Friends, check the last page of this column for info about a new Tiare publication on pirates by George Zeller.

WHY IS THIS MAGAZINE LATE?

Late/missing columns, that's why. That's why this page exists, in fact: It's called "filling the gap." We have no intention of turning this bulletin into SLOWEDX, and the problem will be corrected next month. I hope.

Judging from the mail, people aren't satisfied with a two-page DXM, anyway. It's gratifying to know that you like this column that much, and we'll try to juggle the allocations around somehow.

I should have gotten this to the printer on Thursday; now it's Sunday, I just got back from the Winter SWL Festival...maybe I'll wrap this up tonight, but it'll probably be tomorrow, as Paul just got in a lot of cool stuff and can do an extra page, which I'll pick up tomorrow.

THE WINTER SWL FESTIVAL, 2nd EDITION

The thing about Pennsylvania is that once you leave the major cities, you're apt to find yourself in someplace you've never heard of, i. e., Kulpville. But there is a Holiday Inn there, and I'll give the place ***: Four stars, because the people there are really nice and seemed genuinely excited about having a shortwave convention there.

Four stars for Bob Brown, who should go into the convention business, as he's getting to be a real pro at running these things. (Nothing to it, right, Bob?) Seriously, though, without making a big deal about it, Bob KW3F has turned into a bridge-builder--between HamOps and listeners, between (and among) the various clubs and ANARC, and between the faces behind the names.

I treat these things as social events, but there were a few seminars and round-tables. One in particular, which was called "The future of clubs," or "Meet Bob Horvitz," or something, gave a number of club leader-types (Sheldon Harvey [CIDX], Harold Sellers [ODXA], Chuck Rippel and Harold Cones [NASWA], and a healthy SPEEDX contingent, among many others) a chance to swap ideas; one very promising development is that a marketing specialist from the Wharton School has offered his services to ANARC. Promoting radio listening in general should help us all.

Sheldon Harvey is an amazing person: He goes anywhere he's asked, all in the service of promoting radio. He and Bill Westenhaver have a DX-program on CKUT in Montreal (this station reaches 10% of the population of Canada); he's been on a couple of television shows; he runs classes and seminars all over southwestern Quebec; and, as he said in his after-dinner speech, "Every day I'd go by this nursing home, and I'd see the people sitting there. Watching 'The Price is Right.' Watching Bob Barker. It's people like that who need the radio hobby." If you ask him why he quit a well-paid job (chief accountant in a Montreal law firm) to pursue this, he just says, "I believe in it. It's something I have to do."

He isn't promoting CIDX, necessarily; the thinking is that the more people get into radio, the more will eventually find out about radio clubs. He's come up with some very creative ideas about reaching out to the general public, and has printed up a few of them. You can write to Sheldon at: 79 Kipps St.

Greenfield Park, Quebec, Canada
J4V 3B1

I'd suggest that you enclose some Canadian stamps or something. He gets paid for some of this, but not for very much of it.

If you happen to be talking to one Richard A. D'Angelo, he might try to tell you that I am prone to over-eating. Don't believe a word of it! The food was good-o, that's all.... Anyway, Richard agreed (at the SPEEDX Summit Conference) that I don't have to type a Table of Contents on the front cover if I don't have the time (which I don't, not this month), so thank you, and ****. (Four more stars to Don Thornton, who supplied sufficient quantities of Australian DX, so to speak, helping to while away theafter-hours).

Your humble editor won a door prize, to wit, the Spanish "Language Lab," generously donated by Gerry Dexter. Unfortunately, I don't have a list of donors on hand and would have to leave someone out, but Paul and Adam brought down a bunch of goodies from Gilfer, NASWA and we tossed in some free memberships, and the prize table was surely a bounteous sight. I don't know where the paint-can AM/FM radios came from.

So now, start THINKING FLORIDA!

*

Here's a preliminary schedule from ANARCON '89.

FRIDAY: Exhibits by stations, clubs, manufacturers, equipment dealers, publishers, &c., start at 10:00 AM.
An "Island Welcome" at 7:00 PM--poolside reception with a Caribbean theme, including steel band.

SATURDAY: The seminars start at 9:00 AM (yeah, right...), including something called "Florida's Unique Utility Stations." Bob Horvitz was telling me something about this, and it sounds great: You'll be able to track Cape Canaveral to some extent, and ANARC is expecting a full display from our Space program. It turns out that we'll be just up the road from a major USCG "intercept" station, where the Coast Guard seeks out drug smugglers via radio and technology--Bob tells me that this is truly a state-of-the-art monitoring station, and it will be an exciting privilege to check it out. Sounds good, yeah.

The ANARC Banquet is at 8:00 that night. Dinner will consist of Floridian and Caribbean specialties. (Pray tell...) This also includes the ANARC Award presentations, the keynote speaker, and a raffle. It sez here that this may be a poolside banquet if the weather is OK, which may mean that I can leave the necktie at home. What a relief! But maybe I'm extrapolating....

SUNDAY: Andy Sennitt's annual WRTH Quiz, at 10:00 AM, followed at 11:30 by the International Broadcasters' Forum.

1:00 PM is the Official Closing, followed by an optional sightseeing tour or a "lazy afternoon at the beach." (Is there another kind? A "hyperactive, stress-laden afternoon at the beach?" I dunno....) But we're not done....

MONDAY: An International Broadcasting Conference will take place for broadcasters and other shortwave professionals. For everyone else, there will be an optional all-day trip to Disney World and EPCOT. (You didn't seriously think I'd get through this without alluding to Da Mouse, didja?)

Anyway, this does sound great. As I said, I like the social aspects more than anything, but ANARC and organizer Jeff White have obviously gone to great lengths to offer "something for everybody." For more info, call or write:

ANARCON 1989
P. O. Box 272301
Tampa, FL 33688
(813) 384-2354, ask for Jeff

PUBLIC SERVICE ANNOUNCEMENT: THE FRIENDS OF SPEEDX, by Bob Thunberg
Are you a non-contributing member of SPEEDX, but still wish to become a Full Member? Do you desire to show your appreciation of the fine work performed by our dedicated staff? If so, why not make a donation to the Friends of SPEEDX? All monetary donations will be extremely appreciated, and those who donate at least \$10.00 will be rewarded with a Certificate of Appreciation, suitable for framing. Please send all donations to SPEEDX HQ, P. O. Box 196, DuBois, PA 15801-0196.

Thanks, Bob. And thanks to all of you who have contributed so far. The text was written on a blue index card at the Winter SWL Fest.

I LIKE MAPS

...so I want to tell you about this catalogue I got from Champion Map Corporation. They've got thousands of city and state maps, covering just about everyplace in the USA; I've seen a couple, and they're real beauties, with nice typefaces and cheerful graphics. If you're planning to catch ANARCON '89, for instance, you might want to get "St. Petersburg City" and/or "Metro Pinellas County;" it's really frustrating to get somewhere and discover that the local distributor is on strike or the hotel doesn't know what it's doing.

You can request a catalogue from them at: 200 Fentress Blvd., Daytona Beach, FL 32014, (904) 258-1270.

For outside the USA, there's a store in Asbury Park called Around the World in Maps. I was there just last weekend, and I found road maps for places like Guinea-Bissau, Afghanistan, Mongolia, and (my personal favorite!) Reunion Island. They don't have a catalogue, but, if you're looking for a particular map, you can write to them at: 548 Cookman Ave., Asbury Park, NJ 07712, (201) 774-8822. If you're not in a real hurry, I get there every 4 weeks or so, and can check out what they have or what they can order for you (please send an SASE if you want me to look something up for you).

*

WHO IS FAMILY RADIO?

Family Stations, Inc., the parent corporation of WYFR, has attracted some attention through its controversial policy of applying for FM "translators" (low-powered relays) in locations which are apparently not the markets which they actually want to serve. Recently, for instance, they applied for a translator permit to cover Long Island, Alaska, which has been deserted since World War II. In this particular case, their intent is apparently to get a transmitter into neighboring Kodiak without going through normal procedures. Translators, unlike most primary FM stations, can have directional antennas; and the FCC gives permits for them more easily than for new stations.

It is possible that Family Stations is affiliated with the Chicago-based Moody Bible Institute. Dr. Bruce Elving has detected a pattern of "non-interference" between the two organizations in terms of market coverage, challenges to one another's applications to broadcast, and so forth. This is conjecture, but it's interesting; Family Radio has been conspicuously closed-mouthed (unlike most Christian broadcasters) about the foundation or source which backs them.

Dr. Elving is the publisher of FMedia!, a monthly newsletter which I can recommend. He's opinionated (he's already converted the USA to the metric system, for instance, and he's predicting the imminent demise of AM radio as a viable medium) but always ready to entertain debate. If you're interested in North American domestic radio, FMedia! is well worth a look. (Adolph, MN 55701-0024 [that's right, no street or postal address--can a Family Stations translator be far behind?]; \$2 should get you a sample).

ABOUT OUR COVER

...this information arrived at HQ in the middle of February, so it's still current. Just in case the address doesn't come out well on the cover, it's: Dr. Michael Biel

Morehead State University, UPO 893

Morehead, Kentucky 40351

(606) 783-2794; (606) 783-2134; (606) 784-8404

It kind of makes me want to go back to school. (???)

CAROLINE, NO

When the ship from which Radio Caroline broadcast sunk in a storm in 1980, the famed Europirate's operator, Ronan O'Rahilly, decided to raise some money in the United States. He and a New York lawyer named John Leonard approached one James Ryan of Philadelphia to help with fundraising. Ryan had just served 30 months in federal prison for mail fraud.

Ryan raised \$1.4 million (including \$225,000 from a local drug kingpin who is currently serving a life term) over a two-year span, but accused O'Rahilly, Leonard, and a third party (Ernst Kunz of Liechtenstein) of skimming some of the investors' money for their own purposes. No charges were filed, but it seems that the accusation was itself a sophisticated con; Ryan was convicted last month of pocketing \$325,000 from the investment kitty, and will be sentenced on 23 March. He faces up to 35 years in prison. (Philadelphia Inquirer)

I could make a remark here about pirates, but I'll spare you all....

NEW PUBLICATIONS FROM TIARE

THE SWL ANTENNA SURVEY, by Ted Benson WA6BEJ. Reports on both outdoor and indoor models, including set-up requirements, prices, and specs. (\$6.00 in the USA; \$7.00 elsewhere).

THE 1989 PIRATE RADIO DIRECTORY, by George Zeller. Reviews pirate activity during 1988; includes names of active stations, formats, frequencies, QSL info/addresses. (\$7.00 USA; \$8.00 elsewhere).

LOS NUMEROS: The Numbers Stations Log, by Havana Moon. An up-to-date frequency list which now includes numbers stations in languages other than Spanish and English. Hundreds of frequencies for the numbers hunter! (\$5.00 USA; \$6.00 elsewhere).

SHORTWAVE GOES TO SCHOOL: A Teacher's Guide to Using Shortwave Radio in the Classroom, by Myles Mustoe. Contains an introduction to shortwave, discusses how shortwave can be used to enhance learning, and tells how to set up a Shortwave Learning Center in the classroom, along with over 40 learning activities including listening to or working with shortwave. (\$26.95 USA; \$28.95 elsewhere).

Tiare Publications, Box 493, Lake Geneva, WI 53147. Payment in \$US only, please.

PROGRAMMING: PART 2, by Greg Fischer

I'd like to plug the program "What Do You Know About Turkey?"--a regular Thursday (or UTC 04:00 Friday) feature on VoT, written by the talented Duygu Baykal (be still, my beating heart), who never, ever gets credit on the air. The program is always filled with mythology, history, pithy idioms, and at times appropriate music related to the weekly topic. Subjects recently have included meerschaum; the history of mirrors; and the myth of Bellerophon and the Chimera, to give some examples. I would recommend the program highly to our membership. Me, too. Thanks for writing, Greg!

CODA

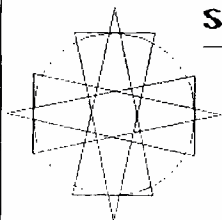
SPEEDX is having elections for the Board of Directors this year; details will be in next month's DXM, I hope.

Let us know what you think of the "new look." I'm not sure what this month's issue is going to "look" like yet, myself; but, as soon as I do, I'll tell somebody. If there's not room for "What's On..." hang on until next month, when more of the spring skeds will be in place.

OK, here's Harold, with the first Awards Update!

73's, *Harold*

SPEEDX Awards Program Update



	Armed	Asia	Cruise ships
		VOA	Africa
UTE's		Americas	
	Forces	CW	
USSR			

Harold Woering
48 Campbell Dr.
Easthampton, MA
01027-2724

Thanks for the intro, Ed! So far, the awards program isn't doing too badly. I hope the trend continues. I received twelve requests for the Awards Pamphlet in January.

PATRICK O'CONNOR will receive the "360 Award" for 50 countries; the "CW Beacon Award" for 100 stations, and the "Armed Forces Award" for 100 stations. Not a bad start at all!

DAVID CULP will receive the "Americas Award" for 25, "Asian" for 15, "European" for 25, "USSR" for 20, and "VOA" for 5, as well as the "360 Award" for 100 countries verified. See how easy it is once you get started??

I'm adding a new "Cruise Ship" award, and will send an addendum to the pamphlet and an update list to everybody who has received the pamphlet already.

A special thanks to Betsy, who sent me her SWL QSL/PFC.

Look for another update in the May edition of "DX Montage." Hope to hear from you. If I get the same response this month as I did in January, I'll add another award!

73's till next time, Harold

Latin Notebook



Carl Huffaker
Domicilio Conocido
Huasca De Ocampo
Estado De Hidalgo
Mexico

Several people -- and some in other publications -- have tentatively identified the Peruvian on 4785 kHz as Radio Cooperativa, Satipo. The reports had a familiar ring, "Indian language religious", "no ID, but mentions of Satipo", Andean and Indian music", etc. It was familiar, a sleepy morning back on December 8th and the hastily scribbled notes in my own log were essentially the same. But there was more, on the edge opposite 11:20 I'd noted 'possible ID, 22A, 444'. It was the cassette and footage number, so I dug through the box and replayed the tape. It was an ID, but in the Indian language. The name, in my approximate phonetics, sounded something like "Chichiamayi" (the final 'i' in the Spanish that sounds like the English 'e'). Then they went to clear Spanish with "frecuencia 4785 kcs de 60 metros". This was followed by a talk in Spanish about the Virgin of Guadalupe whose anniversary is on December 12th, the most important Saint's Day in Latin America. They faded under a UTE at 11:38 with no chance for another ID.

Several, if not many, Indian-language stations use a translated station name when broadcasting in the local language, so it's probable that the station is Radio Cooperativa in Satipo. It does illustrate the value of taping everything for future reference and saving the tapes until the reports come in from the DX bulletins and broadcasts. I use a cycle of 40 1-hour tapes which gives me adequate delay time even at the height of the season. The cassettes are numbered in sequence with A and B for the two sides. On the edge of my log, I mark the footage when I start and stop recording each station. More important, I note the footage of each ID or important announcement that I want to copy later. This makes it easy, very easy, to go to the proper spot on the tape when writing a report.

There's a section of tape from earlier the same morning that's waiting for confirming information. At 07:43, I picked up a station on 4885 kHz, typical Andean music, but the cowboy style with yipping. They ID'd at 07:45 "Aqui es Radio Nuevo Mundo, (?) sesenta". Later there was a GMT -4 timecheck. That was all as Radio Clube do Para came on at 07:55 and blanked them. I have no reference to them in any shortwave list, but checking through WRTM, there is a Radio Nuevo Mundo in Sucre, Bolivia that broadcasts on 1160 kHz. It was a good Bolivian morning as I had a good signal from Juan XXIII on 4965 kHz between 09:30 and 10:00.

On the 6th, Colombia open up rather dramatically on 49 meters. Between 09:30 and 11:00, 1 ID'd L V de los Centauros 5955 kHz, L V de la Selva 617C, L V del Llano 6115, Radio Macarena 5975, Radio Super, Bogotá 6065, Ondas de Darien 6085, and radio Mira 6015, all with good signals. I was reworking my second receiver at the time and feel that I missed several because I was busy listening to another station.

In Guatemala, Radio Tezulutlán uses the slogan "La Voz Oficial de la Iglesia Catolica". This must be a local exaggeration as unless the situation has changed recently, each station is owned and operated by the local church or mission and completely atomomous as far as radio goes. The Protestant stations, too, are stressing church affiliation and the days of one group or the other suddenly becoming quiet after each revolution seem to have passed. Here in Mexico, Radio Huayacocotla, the

only really local snortwave station in the country, is carrying more and more church announcements and religious programs, Catholic of course as is the village. XEUI continues to beam its Sunday morning Evangelical broadcast towards the border. Radio's role in the Philippine revolution has been largely forgotten and most governments no longer see religious radio as a political threat.

After Radio Huayacocotla signs off around 01:00, La Voz de Atlitlán comes in with a good signal on 2390 kHz until their signoff at 02:00. The program is usually requests, popular Mexican music but often with typical Guatemalan instrumentation. If you hear them before 01:00, be careful. Radio Huaya often dedicates music to listeners in Acatlán, a nearby village whose name sounds a bit like Atlitlán to ears unfamiliar with Indian names.

Because thermal inversions are most frequent in January, and because the smog is most lethal during the early morning hours, the government has declared the entire month of January a school holiday (and added an extra month in June). This will keep the children off the streets during the critical hours and should reduce traffic as it seems that every mother operates a schoolbus for her several children each of which attend a school in a different area and on a slightly different schedule. After my escape from "the largest city in the world", I've been slowly, very slowly, disassembling my equipment, cleaning the switch contacts, resoldering the joints that suffered from the acid air, cleaning most of the metal to metal joints, and only now realizing that the poor maintenance of Mexico radio is a result of environment and not technical ineptitude.

In most of Brasil sunrise changes little, but the legal time does during summer (winter? what do you call December on the equator?) and the sequence of early morning stations during the early mornings is more dramatic than ever. Those that I hear now are typical of our winter, but if the pattern follows previous years, there should be a sudden change around the March equinox, and this year despite killjoys who say this sun cycle ain't much, reception is better than ever.....

The Spanish on 5005 kHz is Bata in Equatorial Guinea. In past years, the station sounded rather African, but the present DJ talks like an Argentine. (That's the typical Latin-American way of describing a rather cultured, easily understandable Spanish accent.)

And in answer to several questions, Radio Madre de Dios is active and on its normal schedule. Reception here is limited to evenings as they are blanked by Sarawak in the mornings. Try for them around 01:00 UTC. The program at that time is church announcements and personal messages. Towards summer when the greyline approximates our continental axis, morning reception is possible and sometimes excellent.

Radio Mil, SW on 6008 kHz, was on full power (250 watt) operation again this year during the Christmas-New Years holidays. Their taped ID goes "Radio Mil, XEOY y XEOI, onda larga y corta, transmite desde la zona azul y oro, ciudad de Mexico, entregada de la (...?) R N, Nucleo Radio Mil."

The transmitter is located near several politicians who can't conceive that their TV set is faulty, so they've been ordered to quit interfering. To keep their license, they go to full operation during the holidays when everyone who can afford it is at the beach. This has been going on for 6 or 7 years now, and will probably continue as there was almost no change in power from the last election. Some years, but not always, they have also come on the air during the Easter Holidays. Check for them during that week.

From Benet, possibly incorrectly as this is from memory:

"The ghostdance has been blotted from the map.
Call as you will, those dancers will not come
to tear their breasts upon the bloody strap,
mute-visaged to the passion of the drum"

Yet it does reappear, in a different form and farther to the south, the "being Indian", the resistance to European culture, and somehow, mixed with Christianity, and radio. I'm not being alarmist, for it's a revolution doomed to failure by its own goals. And there is no shade of religious partiality, for it appears that other churches are taking the same blundering steps. It's a movement that exists, secretly, but it does help explain the almost-schizophrenic programming of the Central American religious stations.

I'd been monitoring Guatemala, the religious stations. There was a pattern, the musical programs with their long lists of dedications, the Indian-language religious teaching heavy with Spanish vocabulary, the campasino news always a bit to the left, and the official news blocks that always sounded a bit incongruent on that frequency. I couldn't put my finger on it, and it bothered me. But the morning was bright, I was restless, so I drove to Huayacocotla.

I arrived at the station before 3:00. Gemma, the YL/DJ on the 3:00 to 7:00 PM times segment, let me in. We talked DX and drank coffee, she makes good coffee, while she fired up the transmitter and got the station on the air. They do start at half-power for the first few minutes of each transmission. I noticed the lights flickered and dimmed. "Oh that" she explained "is the mill across the street where they grind flour for tortillas. When they start the motor, the transmitter goes down."

The station had progressed since my last visit, new offices downstairs, new offices, workrooms, and conferencerooms upstairs all done in the attractive wood of the Mexican mountains. And they're building an audience, for in one workroom, I saw detailed instructions for a project of modifying 400 receivers to tune to 120 meters.

I asked about the large number of dedication on her program. She explained that they were current as they received between 35 and 40 listener's letters every day. With less than that number of DX reports for a season, the SWL/DXer ratio becomes apparent, hardly that that the international broadcasters cry about at conventions. We talked of the history of the station. She'd only been there three years, but her enthusiasm for the present management was apparent.

The station is operated by "Fomento", a local organization dedicated to economic and social development of the area. My infrequent visits confirm that this is one of the few areas in the Republic where this development is a continuing reality. Fomento is headed by the local priest which explains the acceptance of Catholicism as a cultural reality, and the station's bending Mexico's anti-clerical and broadcast laws. There seemed, too, an organization "ALER" involved. I managed to pick up some literature, politely and with permission, of course. This gave me an insight into the confused history of the station. It starts in Ecuador.

When Monseñor Leonidas Proaño was ordained as a priest, he dedicated his life to the poor, but when he was ordained as Archbishop of Riobamba in 1954, the dedication was redefined as to the Indians. He was an active activist, founded many organizations within and without the church, was involved in demonstrations, land reform, and liberation theology. Just

before he died in 1988, he had arranged a commemoration for 500 years of Indian resistance, a resistance he defined as against domination by Spain, by various governments, and by American imperialism. Radio was to be a means, (I quote in translation) "The programs that our radio launch into space are, first, that the people be well informed, and second, that we know who is with us, who is fighting", and the revolutionary goal, (again, I translate) "Little by little, the latin-american people are going to realize that we're not distinct countries. We're going to realize that we're part of one great country, Latin America."

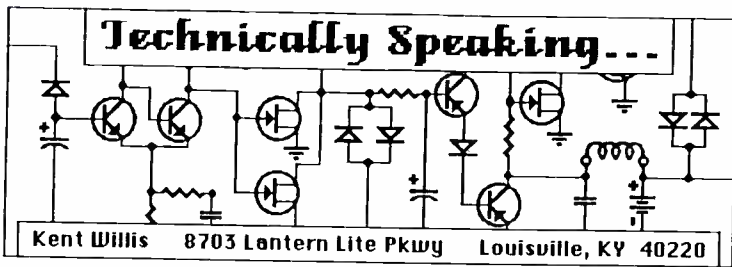
Monseñor Leonidas founded Escuelas Radiofónicas de Ecuador in 1962. Shortly thereafter, Radio Huayacocotla was established as Escuelas Radiofónicas de Mexico, and Escuelas Radiofónicas were established in several Latin-American countries. They followed a period of education by radio, and the creation of several organizations whose professed aim was the production of campesino leaders. In 1973, operation of Radio Huayacocotla was moved to Fomento because of "internal conflicts". Around this time, an advisory organization, Asociación Latinoamericana de Educación Radiofónica (ALER) was formed in Ecuador. The 5th ALER Assembly was held in Guatemala in 1983 soon after La Voz de Atlitlan returned to the air.

I was alone when I walked along the hall upstairs. In one of the offices, I noticed a map. It was well done in brightly colored wood. The title was the country "Latin America". The old political boundaries were there, but unnamed. There were no cities, just the names of radio stations and those long letter-abbreviations that the Latins use for organizational names. The "Gran Patria" had the Rio Grande for its northern border, but to the east, west and south, it was simply ocean.

The ALER calendar marks religious holidays, and on some dates, evidently birthdays, the names of radio stations and organizations. Some are familiar on shortwave: 1/15 R Tezulutlan, Guatemala; 3/19 Escuelas Radiofónicas, Ecuador; 3/20 R Mam, Guatemala; 4/4 L V de la Selva, Peru; 5/13 R Onda Azul, Peru; 8/4 R Chortis, Guatemala; 8/25 L V de Atlitlan, Guatemala; 9/8 R Occidente, Venezuela; 10/25 R Huayacocotla, Mexico; 11/21 L V Nahuala, Guatemala; 12/25 R Juan XXIII, Bolivia.

There'll be no Gran Patria, an impossible dream, but it has established a pattern for evangelization and radio that even the new stations follow because it's there.

73 *Carl*



Welcome to the column. We are continuing our series on audio filtering. I said last month that we would "take a *closer* look at the Autek QF-1A", which we can't do until we take a quick peek at its features first! Oh, by the way, I still have a mint condition Kenwood R-2000 sitting in a box collecting dust. I WILL sell this excellent receiver for the highest REASONABLE offer that I receive within the next few weeks. I have an R-5000 and about 10 R-392's and other assorted rx's lying around the house and I simply don't need it. Here is your chance for a real bargain!

Principles of Audio Filtering: Part 2. The Autek QF-1A

The reasons that I chose the Autek filter over other comparable devices such as the Datong and MFJ units are simple: price and performance. The Datong filter is quite expensive; it is priced at about \$229. It is an excellent performer and it can accomplish a *few* things that the Autek and MFJ models can not. But in my opinion it is not worth the additional price. (Datong actually has two audio filters available; the other is also expensive). The MFJ model is no longer available and I am not certain whether MFJ Enterprises has a new design on the way or is discontinuing manufacture of audio filters. The Autek sells for \$79 postpaid and is only available from the manufacturer. You can write them for more information at: Autek Research, Box 302, Odessa, Florida 33556. And if you are thinking that I have a vested interest in the Autek outfit, forget it! I simply think that the Autek delivers the "most bang for the buck". I spent \$79 of my hard-earned money on the QF-1A last year and I have certainly received my moneys worth.

There are some misconceptions regarding audio filtering techniques that we should address at the outset. First of all, an audio filter is not a panacea. No audio filter can make every signal that finds its way to your speaker or headphones intelligible. Audio filtering is not an "alternate technique" for accomplishing what should have been performed in the RF and IF stages of a communications receiver. Limiting the bandwidth of the signals being processed in the RX is more effectively accomplished in the IF stage.

Interfering signals on the same frequency can not be separated with ordinary techniques. A few sophisticated procedures that digitize the information of two co-channel signals in an attempt to separate them do exist. The techniques involve very complex algorithms which evaluate the time and frequency spectrum of the waveforms and group the related "samples" of information together and store them in separate blocks of incredibly large amounts of computer memory. The audio output is shifted in real time because of the delay created by sampling, analysis, grouping and reconstruction of the audio signals. This technique is far from perfect and doesn't work very well on two signals with similar spectral characteristics. It would work best in a situation where a slow-speaking male voice was mixed with a fast-speaking female voice. And you too could have one for only \$100,000 -hi! Needless to say, the Autek QF-1A can't separate co-channel signals and neither can any other commercially available filter.

using an external audio filter depends a great deal upon the receiver it is connected to. Some of the more expensive receivers which have excellent IF sections and quality audio in the first place may show little if any improvement when adding an external filter. With an external filter you could certainly "squeeze, poke and push" and otherwise wildly manipulate the signal so that it *sounded* different, but you may not make the desired signal *more intelligible*. The most important factors to a DX'er attempting to pull a weak signal out of the mud are intelligibility and stability. Lower priced receivers with poor IF selectivity and inferior (cost-effective) audio circuitry will usually benefit more noticeably from addition of an outboard filter.

Perhaps the most important factors in successful application of an external filter are the skill and patience of the operator. Some SWL/DX'ers expect instant "magic" crystal-clear response with any signal with the mere flip of the "on switch". Filters like the Autek QF-1A require a considerable amount of "trial and error" setting of the controls in order to obtain an optimum response. The Autek does come with instructions which offer guidelines for the control settings depending upon the situation. Patience in manipulation of the knobs of your receiver and the filter are important. A fair amount of experimentation involving different interference scenarios is required when using any such audio filter in order to produce a usable signal.

Many available filters can be used with headphones or external speakers. Most every DX'er has a pair of headphones, but many do not have a complete external speaker. The Autek QF-1A has an audio amplifier circuit which will easily drive an external speaker. If you do not have an external speaker you will need headphones when using the filter; an arrangement that is undesired by many armchair travelers who enjoy listening to music without the feeling of "ice-tongs around the skull". The Autek can easily be interfaced (by anyone with a little "kit building" experience) so that you can use the existing internal speaker in your rx with the addition of single switch and select filtered or unfiltered audio. It is also simple to connect the output of the QF-1A to the audio input of most stereo systems, but overdriving the stereo input and the subsequent distortion could be a problem. The QF-1A has no audio gain control; it is fixed internally in an economical attempt to provide adequate gain with minimal distortion. An extra audio gain potentiometer could have been added to the front panel, but at the expense of increased cost and consumption of more of the available front panel real-estate. Consequently, the filter output level is controlled by adjusting the AF gain of your receiver.

The QF-1A has an annoying loud "pop" which is heard when both turning on and turning off the unit because of the charging and discharging of capacitors in the power supply circuit. If you are using headphones, this "pop" can be quite disconcerting. I modified mine with a special switch so that the audio is removed from my headphones before the power supply is de-energized. This isn't necessary if you simply remember to take your headphones off before you turn off the QF-1A! (Gee, this has turned into a review of the QF-1A and that wasn't my original objective!).

Next month we will look at the capabilities of the Autek QF-1A. There are four major filter functions available; peak (bandpass), notch, lowpass and highpass. Most readers are familiar with these terms and have a basic understanding of what each type of filter does. We will explain what and how each type of filter accomplishes its function. The principles that apply to audio filters apply to filters in general, including many of the other types found in most communications receivers. By examining what happens at audio frequencies, we will build a foundation for a better understanding of the signal processing that occurs in our receiver.

14 Hopefully sometime before they fire me we will have peeked inside our receivers on a journey from the antenna terminals to the headphone jack and stopped everywhere along the way. 73's and great DX!

Kent.

CONTINUOUS TUNING

Editor: Bruce MacGibbon
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March 1989

Deadline is the 12th of the month

AUSTRALIA - Radio Australia English Service Guide - News: Australia, Asia, the Pacific - and the world at large - reported accurately and impartially. 0100, then bulletins every two hours. International Report: Analysing, background and interpreting regional and global issues and events. 0000 UTC, then reports every two hours. Agri News: News and information about agricultural and primary industries, presented by Denis Gibbons. Sat 0713, 1513; Mon 0430. Along The Mighty Murray: Denis Gibbons' stories of people, places and events linked with Australia's greatest river. Fri 2030; Sat 0530; Sun 1830; Mon 0730; Wed 1530. Anything Goes: John Anderson with a lively musical smorgasbord. Thu 0630; Fri 1730; Sun 0030; Mon 2230; Wed 0230; Arts Roundabout: Reflecting significant achievements in the Arts in Australia, past and present, hosted by Wilson Blackman. Sat 1930; Sun 0430; Mon 2330; Thu 1530; Fri 0730; At Your Request: Dick Paterson plays your favourite music. Write, or ring our Openline ...+613-235-2360 - with requests. Sun 0130, 0530; Mon 1730; Wed 1030; Fri 2230; Australian Country Style: Eric Scott surveys local country music. Fri 0630; Sat 0130; Tue 1030; Wed 2230; Thu 1730; Book Readings: Serialised readings from popular books. Sat 0230; Sun 0913; Wed 1945; Thu 2330; Boomerang: Warren Moulton and Michael Taft respond to your inquiries about Radio Australia. Thu 2345; Fri 1713; Sat 0913, 1430; Sun 0113; Business Horizons: Peter Stirling reviews business and trade in Australia and neighbouring regions. Thu 1230; Sat 0730; Sun 1930; Mon 1713; Tue 0430; Communicator: Roger Broadbent and Mike Bird report on latest developments in the communications world. Sunday 0230, 0730, 1230, 1730, 2030. Education Now: Primary school students tell Geraldine Coutts their views on "education now". Sat 1730; Sun 0630; Mon 1230; Tue 0130, 2030; Innovations: Desley Branch reports on Australian inventions and innovative practices and processes. Sat 2330; Sun 1430; Mon 0930; Wed 1830; Thu 0430; Interaction: Exploring the activities and experiences of multicultural Australia, with Trevor Robertson. Sat 1030; Sun 2230; Wed 0530, 1230; Thu 0130; International Country Music: The latest chart makers and top albums played by John Anderson. Wed 0630; Thu 2230; Sat 1230; Mon 0230; Tue 1730; International Top Hits: John Anderson with the week's big sounds. Fri 1130; Sun 2130; Just Out: Geraldine Coutts plays recent Australia releases. Sat 0030, 0630; Tue 2230; Wed 1730; Fri 1030; Matters of Faith: Trevor Robertson examines the doctrines and beliefs of the faiths of Asia, the Pacific and Australia. Thu 0930; Fri 0430; Sat 2030; Sun 1530; Mon 1830; Monitor: Australian science, medicine and technology news, with Brendon Telfer. Sat 0430; Sun 2330; Mon 1530; Tue 0730; Fri 0130; Pacific Sunrise: Reporting business and export development in the south-west and central Pacific. Mon 0630, 1030, 1930; Tue 1713; Propagation Report: Mike Bird with the shortwave weather report. Mon to Sat. 0425, 0827, 1225, 1627, 2027; Smith's Weekly: Keith Smith with a pot-pourri of news and views. Fri 0930; Sun 1313; Tue 2330; Wed 0430; Thu 1713; Soundabout: Young, contemporary music from Australia and around the world. Mon, Tue, Wed Thu, Sat 1130, 2130; Sports Results: Reports, commentaries and results of events around Australia today, presented by Peter McArthur and Dick Rowlands. Sat 01-0630 on 21740, 17715 & 15240. Taim Bilong Masta: Tim Bowden traces Australia's involvement with Papua New Guinea, a history covering more than 100 years. (Repeat). Fri 1530; Sun 0930; Tue 0230; Wed 2030; Thu 0730; This Australia: Documentaries about the land "down under". Sat 0930, 1530; Mon 0130; Thu 0530; Fri 1830; Try To Remember: A musical portrait of the past 50 years - from the birth of RA to today - presented by Jeff Dugan. Wed 0130; Thu 1930; Fri 0530; Sun 1030; Tue 1530; Unsung Heroes and Heroines: Rob Hoskin introduces some extraordinary but little-known Australians who have helped build today's region. Thu 1845; Fri 2330; Sun 0330; Tue 1230; Wed 0730; Window on Australia: Looking in on people and places all over the nation, with Rob Hoskin. Mon to Fri 0113, 0713, 1113, 1513, 2113. Word of Mouth: Oral Histories of Australians. Sat 2113, Sun 1713, Wed 0930; Thu 0230; You Asked For It: Desley Blanch and Denis Gibbons answer listeners' questions about Australia. Sat 0313, 1313

ADSKALIA - (Cont) Sun 0/13; Tue 1830; Wed 2330. (via Forrest Bishop, NY)
CANADA - Northern Quebec SW Sked for Fall-Winter: Mon-Fri 1200-14 Radio Journal, Winschgaoug (Cree Program); 14-16 News, Morningside; 16-17 Bulletin reseau, Tepacimo Kitotakan Kiwetonok Ka Icamakak; 17-18 Bulletin reseau, Eyou Dipajimoon (Cree Program); 18-19 News, Salluit Inuktitut & Fri Tamai Noon Kivalliq Phone-in 18-20; 19-20 The Mom's Show; 20-21 La corde sensible; 21-22 Bulletin reseau, Enoo Emoo Ahbee; 22-23 Alliq(Iqaluit); 23-24 World At Six; 24-01 As it Happens; 01-02 News, Salluit Inuktitut; 02-03 News, Tuttavik (Kuujuuq); 03-04 News, Sports, Weather, Tusaajaksat(Rankin Inlet); 04-05 News, Sports, Weather, Sinnaksautit(Iqaluit); 05-0609 News, Weather, Night Camp. Sat - 1200 Bulletin reseau, N'Doheeno; 13 Radiojournal, N'Doheeno; 14 The World Report, The House; 15 Bulletin reseau, Osteeneechoo, Nagamoon; 16 Bulletin reseau, Osteeneechoo, Nagamoon; 17 News & Sports, Quirks and Quarks; 18 News & Sports, The Media File, Inside Track; 19-22 Bulletin reseau, Plaisirs; 22 Bulletin reseau, Plaisirs ou L'Assemblee Nationale 23 Radio Journal, Boreal Hebdo; 24 Bulletin reseau, Enoo Yemoo; 01 News and Sports, A propos; 02 News and Sports, A propos; 03 News & Sports, Finkleman's 45's; 05 News, Saturday Night Blues; 06 News. Sunday: 1200 Bulletin reseau, Eno Taowin; 13 Radiojournal, Eno Taowin; 14 The World Report, Sunday Morning; 15 News, Sunday Morning; 16 News, Sunday Morning; 17 Radiojournal, Aujourd'hui la science/Politique; 18 News/Sports, Air Farce, The Entertainers; 20 News, Simply Folk; 21 News, Sunday Matinee; 22 News & Sports, Cross Country Checkup; 24 News, Qaggiavut; 01 News & Sports, Music from Montreal; 02 Musiques en memoire; 03 Nat. News & Sports, Speaking Volumes, Vanishing Point; 04 News & Sports, Jazz Beat; 06 News. Freqs are: 9625 1158-0609; 0665 1158-14; 11720 14-2330; 6195 2330-0609. (Forrest Bishop, NY)

ICELAND - Rikisutvarpid is issuing this sked for their Icelandic broadcasts as of 1/1: To Europe: 1215-1245 on 15770, 13660, 11626; 1855-1930 on 13770, 9275, 7935, 3401; NA: 14-1410 on 15770, 17530; 1935-2010 on 15460, 17558; 23-2335 on 9275, 17558 (Direct as received by Sheldon Harvey, Greenfield Park, PQ)

INDIA -All India Radio External Service Freq Sked for D88(2/10 Update) is now available from Robert R. Palmer, E. 2707 - 15th Ave. Spokane, WA 99223-5101, USA (Tel: (509)-536-7671. Please send \$2.00 (USA & Canada only --\$3.00 outside USA/Canada) in mint United States postage stamps for each copy ordered, to Mr. Palmer (to cover mailing costs, envelopes, and computer expendables.) Sked is courtesy of S. Asia Radio Club. Monitoring updates by Alok Das Gupta, Kanwarjit Sandhu, Manosij Guha, Jose Jacob, and Supratik Sanatani, all of whom live in India. (It is 3 Pages, too much to reproduce here, bmm) Ref Continuous Tuning Feb 89: Both Bob Bodell, OR & Bob Hill, MA advise that the station heard on 4850 is not AIR, Kohima (only 2 kW) but Tashkent. (bmm)

JAPAN -Radio Japan's Published Broadcast Sked 3/5-4/2: Regional Service: Asia: 1030-1130 KK, 1130-1230 CC, 1230-13 RR, on 7210, 9580; 1330-1430 KK on 6080, 7210; 1445-1545 CC on 7210, 9580; 1015-1115 IN on 15300, 17820; 1130-12 Burmese, 12-1230 Thai, 1230-1330 CC, 1330-14 Malay, 14-1430 Vietnamese on 11875, 15300; 2230-23 Vietnamese, 23-0000 IN; American Continent: 01-0130 EE on 17880; 02-03 JJ, 03-0330 EE on 11870, 17825, 21610; 0330-04 on 11870, 15350(via French Guiana), 17825, 21610; 03-0330 EE, 0330-04 SS on 15325 (via French Guiana); 09-0930 on 9675(via French Guiana), 11875, 21635(via Gabon); 0930-10 11875, 21635(via Gabon); Europe, Middle East and North Africa: 05-0530 RR, 0530-0545 SW, 0545-06 IT, 06-0630 GG, 0630-07 FF on 15325, 21690(via Gabon); 1930-20 GG, 20-2030 FF on 11880; 21-2115 SW, 2115-2130 IT on 11800; South Asia & Africa: 15-1530 Bengali; 1530-16 Hindi, 16-1630 Urdu, 1630-17 AA, 17-1730 FF, 1730-18 SW on 9535, 15410; Oceania: 09-10 EE on 15270, 17890. General Service: SE Asia: 0000-0030 JJ, 01-02 EE, 02-03 JJ, 03-04 EE, 04-05 JJ, 05-06 EE, 06-07 JJ, 07-08 EE, 08-09 JJ, 09-10 EE on 17810; 10-11 JJ, 11-12 EE, 12-14 JJ, 14-16 EE, on 11815; 15-16 EE, 16-17 JJ on 11815, 15140; 17-18 EE on 11815; 22-23 JJ, 23-0000 EE on 17810; 0000-0030 15230; Asian Continent: 0000-0030 JJ 11815, 15195; 01-02 EE, 02-03 JJ on 17835; 03-04 EE on 17665, 17835; 04-05 JJ, 05-06 EE, 06-07 JJ on 17665; 08-09 JJ, 09-10 EE, 10-11 JJ on 11840; 12-14 JJ, 14-16 EE, 16-17 JJ on 7140; 20-2030 JJ, 21-2130 EE on 11815; 22-23 JJ, 23-0000 EE on 11815, 15195; South Asia: 0000-0030 JJ, 01-02 EE, 02-03 JJ on 17845; 13-14 JJ, 14-15 EE on 15410. North America: 02-03 JJ, 03-04 EE on 5960 (via Sackville, Canada); 04-05 JJ on 11870; 05-06 EE, 06-07 JJ on 5990, 11870; 11-12 EE, 12-13 JJ on 6120 (via Sackville, Canada) & note from 4/2: 10-11 JJ, 11-12 EE on 5960; 15-16 EE on 9505; 16-17 JJ, 17-18 EE, 18-19 JJ, 19-1930 EE on 9505, 11705; 20-2030 JJ on 11705, 15300; Central America: 02-03 JJ on 15325 (via French Guiana); South America: 02-03(West) JJ on 15350 (via French Guiana); 08-09 JJ on 9675

(via French Guiana), 15390; 10-11 (East) JJ on 21635 (via Gabon); 22-23 (East) JJ on 9685 (via French Guiana); Oceania: 05-06 EE, 06-07 JJ, 07-08 EE, 08-09 JJ on 15270; 18-19 JJ, 19-1930 EE on 11850; 20-2030 JJ on 11850, 15270; 21-2130 EE on 15270, 17890; Europe, Middle East & Africa: 03-0330 EE, 04-0430 JJ (Southern Africa) on 9645 (via Gabon); 07-08 EE 15235; 07-08 EE, 08-0830 on 21695 (via Gabon (Middle East, etc.); 08-09 JJ on 15325, 21640 (via Gabon) (Europe, etc.); 15-16 EE, 16-17 JJ on 21700 (via Gabon) (Middle East, etc.) (Europe, etc.); 22-23 JJ, 23-0000 EE on 11800 (via Gabon) (Direct)

LIBERIA - ELWA Published Freq Sked 3/5-4/30 & Tent 5/7-8/31: 3230 W. African 0610-0802 Daily, 1805-2210 Daily except 1805-2150 Fri; 4760 EE 0555-0802 Daily except 0555-0817 Fri, 0855-0832 Sat, 0655-0832 Sun, 1725-2230 W. African, EE Daily; 6070 FF, W.African 1555-18 Daily, 18-2045 Daily, 0825-18 Sat-Sun; 7270 EE 0830-1830 Daily; 9550 FF,W.African 12-1330 Daily; 11830 EE,W.African 0630-10 Sat-Sun, 1240-2205 Sundays EE,FF,W.African, 1555-2205 Daily/Sats; 11910 AA 1525-17 Daily; 11955 AA 0655-0815 Daily. (Forest Bishop, NY)

NEPAL - Ref Continuous Tuning, Feb 89 under Nepal & "Late News Item": The tentative logging for 7265 is actually "All India Radio, Delhi ex 7260 sked 23-0115 in Hindi, Tamil, and Burmese (bmm)

NORWAY - Radio Norway Sked 3/5-5/6: 0000-01 S.Asia, W. Australia on 11850K & NAM 11850S; 01-02 SAM 15165K, 11850F, ECNA, Cent Am 9615S; 02 ECNA, CAM 9560F & WCNA 9560S; 03 ME, EAfr 11850K, WCNA 9650S; 04P ME, EAfr 15175K, 9650S; 05P ME, EAfr 15165K, Afr, WCNA 15175K; 06 ME, EAfr, WCNA 25730K, Eur 9590F, Afr 15165K, Eur 5980S; 07 Far East, New Zealand 17780K, Eur 15165K, 9590F; Eur, Afr 21730S; 1000P Far East, New Zealand, S.Asia 21705K; Eur 15235F, Afr, Afr 25730S; 11 Far East 15180K, S.Asia, Australia 21705K, W.Afr, SAM 25730S; 12 Far East 15165K, S.Asia, Australia 21705K, Eur, Afr 25730F, NAM 15325S; 13P S. Asia, W.Australia 21705K, Eur 6035K, 9590F, NA 21705S; 14P S.Asia 15190K, S.Asia, W.Australia 21705K, Eur, ME, Afr 25730F, ECNA, CAM 21705S; 15 ME 25730K, Afr 21705K, NA 17840S; 16P S.Asia 15265K, ME, EAfr 21705K, Afr 25730F, WCNA 21705S; 17P Eur 9655K, Eur, Afr 15220K, ECNA, CAM 21705F, WCNA 21705S; 18 ME, EAfr 15220F, Afr 25730K, Eur, Afr 9655K, ECNA, CAM 21705S; 19P Eur, Afr 9590K, Afr 21705S, Eur, Afr 15220K; 20P WafR, SAM 17780K, NAM 15310S; 21 WafR, SAM 15265K, SAM 15175S; 22P WafR, SAM 15180K, SAM 15165S; 23 ECNA, CAM 9615F, NA 11850S. F = Fredrickstad; K = Kvitsoey; S = Sveio. Programmes in English: RNI broadcasts a half hour programme in English, Norway Today every Sunday starting at 10 hours. The programme is repeated several times in different antenna beams to cover all parts of the glob. All Sunday transmissions marked "P" in the schedule carry Norway Today, up to and including 05 UTC Monday Morning. (Forest Bishop, NY)

UNITED KINGDOM - On the 1/9 "Waveguide" program, Mike Still of BBC's Transmission Planning Unit said that 2 new 250 kW transmitters and 4 new high-gain antennas are being added to the relay station on Ascension Island. Tests from these new installations may start as early as May; they should be fully operational by September 1989. These should improve reception quality in West/Central/Southern Africa and the southern cone of South America. Mr. Still also said that the BBC is currently bringing into operation 4 new 300 kW transmitters at UK sites (to replace 6 old 100 kW transmitters dating back to World War II), and 2 new 300 kW transmitters in Cyprus (to replace 2 old 20 kW transmitters). Also as of July 1, 1989, the BBC will be discontinuing use of their long established freq of 18080 due to that fact that WARC has allocated this range of freqs to other purposes. The BBC is negotiating for a replacement freq, but nothing has been yet decided. (via Bill Westenhaver)

UNITED STATES - KJES, Vado, New Mexico - New Shortwave Station. Jim Bush, Missionary Radio Evangelism told me that I probably heard their first test on frequency 11730 on 1/21 @2016 tune in w/a M saying prayer petitions repeated by a group of children. @2020 a W took over with same type of stuff! @2029 The children said "This is KJES Radio owned and operated by Missionary Radio Evangelism, Vado, New Mexico 88072. We are testing. The Lord your God is testing you to find out whether you love him with all your heart and with all your soul." This type of broadcast went on till 2100* on 1/21. Via Glenn Hauser on RCI's SWLD on 2/2, Glenn says first reported on 1/12 at 16 past 17 by Ed Lacrosse in CA and Glenn Hauser heard them testing again Tuesday the 31st only from 1515-18 UTC on 15140. 1/31- Per my (bmm) telephone conversation with Don Smith, a Technician 1st Class Phone, at KJES: KJES is located on the 'Lord's Ranch', a working farm, in Vado, New Mexico. Vado NM is 12 miles from the Texas line SE of Las Cruces. The ranch is owned by Father Rick Thomas, SJ. There are a few bugs in the transmitter. Grid Tuning needs tightening. The address for KJES is: KJES, The Lord's Ranch, Vado, New Mexico 88072 or you can write

to: Missionary Radio Evangelism, 3720 Greenwich Dr. El Paso, Texas 79902. Either one will get you a QSL Card which Jim Bush at Missionary Radio Evangelism, in conversation with him on 1/30, tells me are not printed yet. The Telephone # for KJES is (505)-233-4018 and the Telephone # for Missionary Radio Evangelism is (915)-533-2911. Excerpts from Jonathan Mark's interview with Paul Warren, one of the directors, on Radio Nederland's Media Network on 2/2: JM: So what is the power of the transmitter you're using? PW: Right now we're testing with only a 5 kW transmitter. Our main transmitter will be a 50 kW and we expect to have it on the air about Feb 15th. The present transmitter is a 20 kW transmitter that we're operating at 5. It will actually be the driver transmitter for the 50 kW that we will be using later. JM: And what's the antenna? PW: The antenna is a 360 degree steerable Log Periodic 108' long boom and 108' long, longest element 27 elements 27 DB gain and it's on top of a 90' tower, that's very unique. It looks like a 3-legged Eifel tower. JM: 15140 has been tested towards Europe and between 15-0000 they may also try 11730 towards the Pacific and later in the local evening between 01 and 04 hours UTC, look for them on 6070 or 6095 beaming towards South America." 2/6-Bill Westenhaver, Montreal called me (bmm) to say KJES is testing on 17840. He heard them from 2320, having audio problems. I (bmm) then called KJES in Vado, NM and talked to Pete Warren, an Engineer. He said the 17840 freq is testing today from 23-01 towards Japan and Korea. He said they had problems with audio system they are installing. Also said they would not start broadcasting until April 15th. Said look for them on 15140 to Europe/N. Africa 1515-18 and on 11730 to Australia /New Zealand & Japan from 15-21. They are looking for people in their target areas to send them reception reports. They have an onsite Amateur station W5MQA, Pete Warren. (bmm) On 2/7 I (bmm) received a letter from Father Rick Thomas, SJ saying KJES has broadcast only about 7 times. We do not have a QSL card yet. The transmitter is about 6 miles east of Vado, NM. Per letter from Father Rick Thomas, SJ on 2/7: "The license is owned by Missionary Radio Evangelism which is an ecumenical group. All the equipment is owned by Our Lady's Youth Center and located at the Lord's Ranch. This is a joint venture. Our purpose is to broadcast the Word of God once we get cranked up. Yes, there will be need of monetary donations to pay expenses." Also inclosed 2 pictures. (Antenna and transmitter). (I wrote 2 letters. One to Missionary Radio Evangelism and KJES. Both letters answered by Father Rick Thomas, SJ.

U.S.S.R. - Radio Riga Foreign Service - The Foreign Service programmes (in Swedish and in Latvian) you can tune in on 576, 1350, 5935. Programmes in Swedish are on the air on: Thur 2020-2050, Sat 2130-22, Sun 08-0830. Programmes in Latvian for Abroad: Wed 2020-2050, 2130-22; Sun 0830-0925, 2103-2158. Foreign Service has a Listeners' Club whose activities are carried out in Swedish. Radio Riga Foreign Service: answer your questions on the air and by mail; welcome your comments and suggestions. Write to: Latvian Radio, PO Box 256 (for Swedish programmes) PO Box 330 (for Latvian programmes) Riga, Latvian SSR. (Richard D'Angelo, PA) BBC Monitoring Service (via BRT's "Radio World" Program of 1/21) reports that R. Moscow has introduced these new language broadcasts: Tagalog: 13-1330 on 17840, 15520, 11905, 7380; @14-1430 on same freqs plus 6910USB; Malay: 10-1030 on 117730, 17635, 17600, 11775, 9735; 12-1230 on 117775, 15330, 15175, 9735, 9625; Not a new language but Swahili @12-1230 on 17835, 17820, 17625, 15530 & this broadcast replaces the former 0330-0345 & 0430-0445 Swahili broadcast. (via Bill Westenhaver, Montreal)

VATICAN STATE - Radio Vatican Programmes Jan-Feb-Mar 89 EE language Service: Four Voices: 0730-0745 526 MW, 1530 MW, 6248, 9645, 11745 1st Edition; 2nd Edition same freqs as 1st Edition at 1144-1151; 3rd Edition 1614-1621 same freqs as 1st Edition. EE to E. Africa: 05-0515 15190, 17730; 1115-1130 17840, 21485; 1545-16 11810, 15120. Central, S. Africa: 0615-0630 15190, 17730; 0715-0730 15190, 17730; 12-1215 17840, 21485; 2045-21 9625, 11700, 11760, 15120. W. Africa: 0715-0730 15190, 17730; 12-1215 17840, 21485; 2045-21 9625, 11700, 11760, 15120. EE To America: 0050-0105 6150, 11780; 0310-0325 6150. EE To Australia, New Zealand, Philippines: 12-1230 Weekdays 15190, 117865; 2205-2230 6015, 9615. EE to Indian Subcontinent & SE Asia: 02-0215 6145, 7125, 9650; 15-1510 11960, 15090, 17870. EE to Europe: 1445-15 526 MW, 1530 MW, 6248, 7250, 9645, 11740; 2050-2110 526 MW, 1530 MW, 6185, 9645. (Forest Bishop, NY)

ZAIRE - BBC Monitoring Service (via BRT's "Radio World" program of 1/21) says that R. Bukavu is now being heard on 4846 (ex 4839). Transmissions *0345-07* with Swahili news @0410, FF news @0430 and 0625, National news relayed from Kinshasa @05. The station has also been heard on the air 17-18. (Bill Westenhaver, Montreal) Comment: Sorry I ran out of Room. For more news in between SPEDX'S, subscribe to my "DX SPREAD", 73's, Bruce

The Western Hemisphere

Loggings by the 12th of the month to:

Thomas F. Sable
University of Scranton
Scranton, PA 18510

Greetings to old friends and new this month. The format of the column will stabilize into something like this month's. Loggings are heavy this month, but don't miss logging of new US station!! So let's get right to it:

ALASKA****KNLS***

7365 1000 CC Mx and sermons (222 1/26 Card-RI)

ANTARCTICA

15475 2330 IRA36-12 ID by OM SS mx, EZL mx (222 1/12 Cichorek-NJ)

ANTIGUA*****British Broadcasting Corp. relay**Deutsche Welle relay

5975 2323 BBC Brit. Pop mx, "Letters from Listeners" (544 1/21 Bishop-NY) (Wright-MB)

6085 0302 DW EE/GG; Nx, talk on political bureaucracy (544 1/8 Wright-MB)

6160 0935 DW Asia Pacific Report on tropical forest destruction (444 1/12 Brown-IL)

6175 0304 BBC News: Peru finds oil in the jungle (333 1/22 Brown-IL)

ARGENTINA*****Radio Argentina Exterior*****

9690 2201 RAE IS, sign on, nx (333 2/1 Lackmann-VA)

BRAZIL

4865 0100 R. Verdes Flores OM Braspop mx, nx, ads (232 1/21 Flynn-GA)

4955 0247 R. Marajoara YLs sing, ID, OM sings (322 1/16 Bishop-NY)

4965 0856 R. Alvorado OM & YL vocals, Bras instrumentals (252 1/7 D'Angelo-PA)

4985 0549 R. Brasil Central Goiania Ballads, IDs, accordion mx (454 2/2 Janusz-NJ)

5035 0040 R. Eduacao Rural OM talks, Latin mx, ID, more talk (222 1/18 Bishop-NY)

5045 0045 R. Cultural do Para OM into Latin mx (322 1/18 Bishop-NY)

6010 2328 R. Inconfidencia OM into Latin mx (333 1/24 Bishop-NY) (Wright-MB)

11745 0202 R. Nacional do Brasil EE; Nx report: Brazilian general in Angola (433 1/4 Bishop-NY)

17730 0202 SRI EE; nx, Spanish government talks to Basque rebels, death of Salvador Dali (444 1/23 Brown-IL) (Flynn-GA)

17815 0115 R. Cultura Instrumentals, EZL mx (333 1/7 Cichorek-NJ)

CANADA

5960 0122 RCI SWL Digest: Glenn Hauser has moved (433 1/15 Bishop-NY) (Langlois-FL)

5960 0329 RJ Nx of Hirohito, mx (433 1/7 Bishop-NY) (Etten-MN)

6005 2321 CFCX Stockton killings (433 1/24 Bishop-NY)

6070 0950 CFRX national wx, Ontario wx, ID, mx (333 1/12 Brown-IL) Temp. in Toronto 21 F, pop mx (545 1/25 Robinson-TN) (Cichorek-NJ) (Neff-FL)

6130 0448 CHNX Pop and soul mx, ID, TC, DJ chatter (232 1/16 Westenhaver-QU)

6160 0245 CKZN "Arts national " classical mx (222 1/20 Westenhaver-QU)

9515 1100 BBC Royal Philharmonic with Shostakovitch symphony, talks of Royal Theatre (555 1/21 Robinson-TN)

9755 0116 RCI SWL Digest "Too much amateur info on show" (533 1/22 Etten-MN) (Card-RI)

15260 0101 BBC Report on Bush Inauguration (555 1/21 Brown-IL)

15260 1910 RCI Canadian wx forecast (444 1/20 Laag-CA)

17820 1413 RCI Refugee hearing, Quebec Francophone disputes (444 1/15 Neff-FL) SWL Digest: Magne & Hauser (444 1/14 Etten-MN)

CHILE

15460 0230 R. Nacional LA MX, ID (444 1/22 Brown-IL)

CIANDESTINE

6215 1130 R. Liberacion SS; IDs mx, talk of Nicaragua (545 1/20
Robinson-TN)
9940 2335 V. C.I.D. SS; ID, YL comments on El Salvador (333 1/28
Ehly-IA) (Wright-MB)
9965 0101 R. Caiman SS; ID, Latin mx, comments (544 1/7 Cichorek-
NJ)

COLOMBIA

4755 0122 CC Bogota OM with world nx (433 2/2 Thornton-NJ)
"La Bamba" (322 1/15 Bishop-NY) (Berri-CA)
4865 0139 V. Cinaruco Latin mx, ID (333 1/16 Bishop-NY) sambas
and ballads IDs (545 1/22 Robinson-TN) (444 2/2 Janusz-NJ)
(Sharpe-CA) (Laag-CA)
4895 0229 V. Rio Arauca Telephone interview (222 1/16 Bishop-NY)
4945 0612 R. Reloj "R. Nor--un tradicion musical" ID, polkas and
tangos (544 2/2 Janusz-NJ)
5565 0121 R. Nueva Vida mx to sign-off (322 1/18 Bishop-NY)
(D'Angelo-PA)
5955 2259 V. Los Centauros ID, anthem, nx, ads (433 1/21
Bishop-NY)
17880 0215 R. Nacional Classical mx, tango, vocals (444 1/6
Levison-PA)

COSTA RICA

5030 0034 R. Impacto OMS discuss Ecuador, wx, and Central America;
canned ID (433 1/18 Bishop-NY) (Levison-PA) (Laag-CA)
5055 1230 Faro del Caribe EE/SS; Focus on the Family, address,
ID (222 1/12 Brown-IL) (Laag-CA)
6150 1200 R. Impacto 2 OM nx of Pres. Bush, mx, IDs (555 1/25
Robinson-TN)
21560 2125 R. for Peace International EE; feature program (454 1/26
Flynn-GA) (Neff-FL)

CUBA*Radio Havana Cuba***Radio Rebelde*****

4765 0153 Radio Peace and Progress ML King birthday (433 1/15
Bishop-NY)
5025 0028 RR OM (433 1/18 Bishop-NY) Basketball, promos (555 1/19
Wright-MB)
9655 0145 RHC "Saturday Edition" YL comments on popular uprisings
(322 1/29 Ehly-IA) "DXers Unlimited" (444 1/22 Westenhaver-QU)
(Fraser-MA)
11760 1200 RHC talk of Guantanamo, Camaguey, and sucre (555 1/20
Robinson-TN) Drug use (544 1/15 Etten-MN)
11800 1930 RHC Nx by OM, DX program (333 1/7 Fraser-MA)
15095 2156 RHC SS/AA; NA into announcement (222 1/6 Cichorek-NJ)

ECUADOR

3240 1058 R. Antena Libre NA, YL with ID, NA vocal, talk, choral
segments (252 1/23 D'Angelo-PA)
3395 1022 R. Zaracay mx, nx of Santo Domingo (545 1/20 Robinson-TN)
4795 0722 V. Caras ID by YL, lively Latin vocals, instrumentals
(353 1/1 D'Angelo-PA)
4870^c 0149 R. Rio de Amazonas Religious program from NY, signoff,
no ID (322 1/16 Bishop-NY)
4920 0232 R. Quito Football game with 2 announcers (222 1/16
Bishop-NY)
5040 1052 V. Upano OM announces, NA, ID, Religious program (343
1/18 Matsushita-JN)
5055 0022 R. Catolica Nacional Andean mx, Rosary with children
(333 1/31 Westenhaver-QU) (322 1/18 Bishop-NY)
6020 0307 HCJB RR; Quiet mx, OM talks ID as "Golos And" (433 2/3
Westenhaver-QU)
6230 0510 HCJB "Passport" greenhouse effect (433 1/19 Etten-MN)
9610^{HI} 0825 HCJB "DX Partyline" on QSLing (232 1/28
Westenhaver-QU)
9720 0035 HCJB EE; "Psychiatry and You," "Stories of Great
Christians" (322 1/14 Bishop-NY)

Ecuador (cont.)

- 11835 0100 HCJB mx and talk (454 1/30 Card-RI)
15155 0230 HCJB Station Profile: Algeria, Report on modulation,
book review SW Listening Guide (544 1/14 Brown-IL)(Neff-FL)
17890 1215 HCJB "Sacrifice of True Commitment" (343 1/22 Neff-FL)

FRENCH GUIANARadio Japan relay**Radio France International relay****

- 9685 2248 RJ EE/JJ; Emperor's failing health; then death announcement (444 1/6 Cichorek-NJ)
11670 0324 RFI EE; Kidnapping in Belgium (444 1/17 Brown-IL)
11695 0330 R. Beijing Relay CC; CC pop mx into EE at 0400 (353 2/3 Janusz-NJ) (444 1/20 Hanson-WA)(Wright-MB)
15350 0355 RJ SS; commentary on economics in Japan (353 1/12 Wright-MB)

GUATEMALA

- 3300 0300 R. Cultural "Back to the Bible" address (232 1/21 Saarikko-NY)
4800 1157 R. Buenas Nuevas ID: "Desde de San Sebastian de Huehuetenago, TGNI, R. Buenas Nuevas" (333 1/26 George-MA)
4825 1142 R. Mam SS/VV; local vocals OMs, ID (353 1/15 D'Angelo-PA)
4835 0045 R. Tezulutla'n marimba mx, YL (433 2/2 Thornton-NJ)(Laag-CA)(Neff-FL)
4845 1100 R. Kek'chi VV; Grupo Cordero: "Give to me a place in eternity..." (555 1/24 Robinson-TN)

HONDURAS

- 4820 0051 V. Evangelica Religious singing (322 1/16 Bishop-NY)(Laag-CA)(Neff-FL)

MEXICO

- 5985 1301 R. Mexico Internacional Long NA, OM and YL sign on, lively mx (242 1/28 George-NC)
6115 2330 R. Universidad de Sonora Mx program into announcements and ID (444 1/20 Laag-CA)
6185^t 0623 R. Educacion LA mx (333 1/14 Cichorek-NJ)
9555 1215 La Hora Exacta OM and YL talk, ID, jingle ads (242 1/15 D'Angelo-PA)

NETHERLANDS ANTILLES*TRANS WORLD RADIO***RADIO NETHERLANDS relay*****

- 6165 0229 RN EE; IS, ID Nx, Botha has stroke (333 1/19 Brown-IL)
9590 0247 RN EE; nx, Media Network : WRTH awards (444 1/12 Brown-IL)
9630 0802 RN Media Network: Arianne satellite (433 1/19 Etten-MN)
11815 1130 TWR EE; time check, 5-day-long AIDS workshop in Trinidad (555 1/24 Robinson-TN)
11930 0303 TWR "Bonaire Wavelengths" new DX program with Chuck Roswell at 0330 (444 1/22 Neff-FL)

PARAGUAY

- 9735 0048 R. Nacional de Paraguay accordion mx, ID (333 2/4 Thornton-NJ)

PERU

- 4790^t 0101 R. Atlantida OM talks, mentions Ucayali (222 2/3 Thornton-NJ) OM talks fast, ID (322 1/15 Bishop-NY)
6324 1100 R. Estacion "C" Peruvian vocals and instrumentals (232 1/14 D'Angelo-PA)
6691 0032 R. Cutervo ID as "R. Cochura y R. Cutervo" Peruvian mx with guitar and vocals (322 2/1 Thornton-NJ)(D'Angelo-PA)
6727 0002 R. Satellite Peruvian flute mx, "mensajes y comunicados" (322 2/1 Thornton-NJ)(D'Angelo-PA)

PIRATES

- 6240 2228 WENJ rock with host Jack Beane phone number 1 800-255-7924 calls from MA and TN (343 1/14 D'Angelo-PA)+2
6240 0400 Falling Star R. show dedicated to planet Earth, discussed ecology issues (353 1/21 D'Angelo-PA)+1
7415 2057 WENJ ID, mx, phone 201-525-7960 (222 1/22 Snyder-NY)

UNITED STATES

- 5950 2305 WYFR Mailbag: letter from Liberia (433 1/21 Bishop-NY)+1
- 5985 2326 WYFR PF; OM and YL talk (544 1/21 Bishop-NY)
- 5985 0214 VOFC Commentary on Hirohito and the War Years (434 1/10 Levison-PA)+2
- 5995 0153 VOA Bush Inauguration (433 1/18 Bishop-NY)
- 6130 0026 VOA Financial and sports reports, "Country Mx USA" (544 1/7 Cichorek-NJ)
- 6135 0950 KUSW interview with Senator Jake Garn (555 1/22 Brown-IL)
- 7355 0034 WRNO pop mx, ID, Student Exchange promo (544 1/21 Wright-MB) (Fraser-MA)
- 7365 0025 WHRI PP; Emotional preaching from R. Boas Novas Hayward, CA; station ID (444 1/13 Westenhaber-QU)
- 9455 0110 VOA "Communications World" High Resolution TV (44 1/29 Flynn-GA)
- 9495 0131 WHRI mx, Prayerline (544 1/10 Bishop-NY)
- 9505 0252 WYFR "Sounds of the Times" IS, ID (555 1/15 Trescher-PA)
- 9555 0242 WYFR SS; ID (533 1/15 Trescher-PA)
- 9575 0440 VOA EE; Jazz, promo, boxing nx (555 1/15 Trescher-PA) Reagan's Farewell address (444 1/12 Wright-MB)
- 9600 1508 WYFR Bible study (444 1/9 Neff-FL)
- 9615 0521 KGEI SS; Barbershop quartet hymns, religious talk, ID (333 2/2 Janusz-NJ)
- 9670 0229 VOA SS; ID, comments on Azerbaijani (533 1/15 Trescher-PA)
- 9715 0316 WYFR SS; Religious commentary (423 1/15 Trescher-PA)
- 9840 0218 VOA SS; ID, MENTIONS Reagan and Schultz (533 1/15 Trescher-PA)
- 9850 0203 WCSN Einstein and time science (555 1/15 Trescher-PA)
- 9885 0217 VOA Report on Hungary and economic growth (555 1/24 Brown-IL)
- 11695 0115 KUSW Country Western mx (444 1/24 Langlois-FL)
- 13960 1405 WCSN Interview with David Willis (444 1/9 Neff-FL)
- **NEW STATION****15140 1527 KJES YL leading little kids in chanting prayers or Bible verses, ID with mention of Vado, NM (322 1/31 Westenhaber-QU)
- 15160 0003 V. O.A.S. SS; Duke Ellington tunes, address (433 1/9 Wright-MB)
- 15295 1600 WINB OM gives complete ID and address then organ hymns (343 1/31 Westenhaber-QU)
- 15400 0200 VOA SS; OMS WITH NX // 11895 AND 11950 (353 1/22 Matsushita-JN)
- 15410 1930 VOA "Sound of Soul" (444 1/9 Neff-FL)
- 15440 0131 WYFR Harold Camping, Bible reading (444 1/7 Cichorek-NJ)
- 15580 2355 KUSW Bush inauguration (333 1/20 Laag-CA) (Neff-FL)
- 15580 2108 VOA Bush fishing (444 1/4 Cichorek-NJ) (Neff-FL)
- 15650 1614 KUSW "Highways and Hedges" from Falls Church VA ID, then preaching by Pastor Martha Redwine (444 1/21 Westenhaber-QU) (Laag-CA)

VENEZUELA

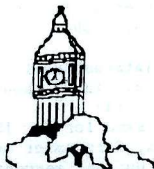
- 4770 0208 R. Mundial Bolivar ID, other stations on AM and FM (433 1/15 Bishop-NY)
- 4830 0251 R. Tachira Maria Segura number, other light pop mx (433 2/2 Janusz-NJ) (Bishop-NY) (Laag-CA) (Neff-FL)
- 4840 1030 R. Valera nx of Caracas, romantic ballads, freqs. (444 1/19 Robinson-TN) (Bishop-NY)
- 4850 0125 R. Capitol American and Latin pop mx (433 1/16 Bishop-NY)
- 4970 0251 R. Rumbos LA mx by group (322 1/16 Bishop-NY) (Laag-CA) ID, mentions Caracas, ads, mx, DJ chatter (322 1/24 Ehly-IA)
- 4980 0302 Ecos del Los Torbes OM & YL DJs, ads re San Cristobal (322 1/24 Ehly-IA) (Bishop-NY) (Neff-FL)
- 5020 0310 R. Nacional Pop mx, IS, Freqs (333 2/1 George-NC)
- 5040 0130 R. Maturin OM talks (353 1/27 Flynn-GA) (D'Angelo-PA)
- 9660 0536 R. Rumbos Lively pop mx, chatter (222 2/2 Janusz-NJ) 2 OMs "Esta noche R. Rumbos Caracas..." commercials, nx, mx (555 1/25 Robinson-TN)

(22)

Sign for new. J.F.S.

EUROPE

Daniel Sampson
 P. O. Box 31
 Independence, WI 54747-0031



Deadline: 12th
 Times/Dates: UTC
 Frequencies: KHz

EUROPE

BOARDING PASS

Rev

Seat Window Center Aisle

Flight

Destination: _____

ALBANIA Radio Tirana

6085nf 2338 RT EE; tlk against Gorbachev & other Soviet "revisionists," profile of YL Albanian singer, ex-7065? (242 1/21 Westenhaver-QU)

9760 2340 RT EE; peace in Balkans, Palestinians killed (444 1/18 Neff-FL)

11824.9 2328 RT EE; nx, delegation returned from celebration of the 30th anniv. of revolution in Cuba (222 1/13 Cichorek-NJ)

AUSTRIA Radio Austria International

6015 0430 RAI EE; possible insurance fraud (423 1/14 Etten-MN)

9870 0200 RAI GG; wld nx, ment S. Afr. (555 1/15 Trescher-PA)

9875 0130 RAI EE; jazz, Gershwin (343 1/29 Flynn-CA) 0117 EE; cl mx, jazz (444 1/29 Levison-PA) 0030 EE; rpt on being chased by wild boars in a Vienna city park (453 1/16 Fraser-MA) 0058 EE; Austrian SW Panorama (443 1/22 Etten-MN) 0030 EE; conference on Pope & security problems (444 12/29 Levison-PA) 0125 EE; mx, Coffee Table, jazz mx (444 1/22 Neff-FL)

15450 1233 RAI EE; nx, U.S.S.R. to cooperate w/ Austria in developing tourism to build new hotels (333 1/14 Cichorek-NJ)

BELGIUM Belgische Radio en Televisie

5910nf 2154 BRI EE; IS, P.O. Box 26, nx from Moscow (332 1/21 Bishop-NY)

9860 0520 BRI Dutch; Sammy Davis mx, Dutch mx, contry (555 1/7 Trescher-PA)

9925 0037 BRI EE; kidnapping in Belgium (333 1/23 Brown-IL) 0035 EE; tlk, ID, mx (332 1/8 Miller-CA) 0038 EE; unleaded gasoline (444 12/22 Levison-PA)

15595 1630 BRI EE; nx, press review, Belgium Today, P.O. Box 26 (111 1/16 Miller-CA)

17560 1344 BRI EE; tlk about new Flemish commercial TV network VTM (333 2/3 Westenhaver-QU) #1330 EE; nx on Belgium, Radio World (1/14 Card-R1)

BULGARIA Radio Sofia

7115 0405 EE; nx, jamming, contry, human rights, rights of speech (544 1/27 Miller-CA) 0400 EE; ID & sked by YL, OM w: nx (555 12/14 Snyder-NY)

11720 0030 EE; comments on culture, Bulgarian actor w/ comments (434 1/11 Levison-FA)

CZECHOSLOVAKIA Radio Prague

5930 0307 RP EE; comments on plastic explosives, newsreel, Czech. constitution (444 1/11 Levison-PA) 0330 EE; tropical diseases, study at universities (433 1/12 Neff-FL) 0141 EE; nat'l problems on economic rpt (433 1/18 Bishop-NY)

7345 0302 RP EE; weapons (1/7 Miller-CA) 0135 EE; earliest known people in the country (554 1/20 Fraser-MA) 0130 EE; Wld Health Org. (444 1/24 Langlois)

11990 0330 RP EE; tlk about new Czech. plane L610 (343 1/15 Etten-MN)

21565 1610 RP EE; pop mx, anmt for mx survey of Czech mx (333 1/14 Cichorek-NJ) 1624 AA; IE, multi-ling. ID, AA ID routine, chat, nx (322 1/21 Westenhaver-QU)

DENMARK Radio Denmark

15165 1329 Danish; intvw, ID in Danish @ 1351 followed by "You have been listening to the Danish SW service from R. Denmark" (433 1/8 Ryan-NY)

25850 1437 Danish; OM/YL in dialogue (222 1/14 Cichorek-NJ)

FINLAND Radio Finland

9635 0330 RF EE; Finnish media coverage of 500th anniv. of book publishing, ex-Presidents house as a museum (342 1/15 Sharpe-CA)

11755 0350 RF EE; Science Horizon, global warming (444 1/20 Hanson-VA) 0220 continuous mx some w/ vocals (333 12/20 Levison-PA)

11850 #1505 RF EE; IS, s/on anmt, nx (222 1/31 Wakefield-IA)

11945 1320 RF EE; tlk on wx, food harvest, new proteins (334 1/20 Miller-CA) 1157 EE; Northern Rpt, Sweden's new budget (354 1/11 Kline-CA)

15400 1207 RF EE; big band mx (444 12/14 Snyder-NY) 1450 Finnish; tlk w/ Connecticut QTH, IE, 1500* (444 1/16 Miller-CA) 1401 EE; Arafat to visit Finland next week (444 1/14 Cichorek-NJ) 1302 EE; Business Monday (443 1/9 Neff-FL)

FRANCE Radio France International
5945 0143 **RFI** EE; OM w/ tlc (433 1/18 Bishop-NY)
15365 1250 **RFI** EE; wld nx, // 17720 & 21645 (333 1/9 Rocker-MS)
17620 1610 **RFI** EE; nx, pro-life, abortion (444 1/23 Miller-CA)
21580 1435 **RFI** FF; 200th anniv. of the FF Revolution (444 1/2 Dillon-Greece)
21620 1520 **RFI** FF; FF rock mx, intvw w/ astrologers (444 1/2 Dillon-Greece)
25820 1343 **RFI** FF; profile of life/career of FF composer Carius Milhaud, pgm Souvenir des autres (243 1/8 Westenhaver-QU)

GERMAN **DEMOCRATIC REPUBLIC** Radio Berlin International
6115 0325 **RBI** GG; vocals to 0330 ID, nx, into 1/2 hour of rock mx w/ YL host, nx after 0400 (343 1/7 D'Angelo-PA)
7185 0922 **RBI** EE; pgm Did You Know?, sked for Eu, IS to #0930 in GG (343 1/7 Westenhaver-QU) 0732 GG; nx, Stroessner overthrown (333 1/2 Wakefield-IA)
7260 2208 **RBI** Swedish; nx, tlc about nuclear weapons (444 1/10 Westenhaver-QU)
9730 2200 **RBI** EE; tlc of G.D.R. domestic radio, pgm Socialism Offers Peace (545 1/22 Robinson-TN) 2205 EE; nx, YL (455 1/29 Kunkel-CA) *This b/c is listed in RFI's printed program schedule to ECNAM but not in the 1989 WRTH.-ed.* 2316 EE; **RBI** DX Club, current sunspot cycle (444 1/30 Westenhaver-QU)
11785 0307 **RBI** EE; comments on magnetic fields, space exploration (434 1/28 Levison-PA) 0310 EE; DX pgm tlc about propagation (444 1/22 Snyder-NY)
11890 #0245 **RBI** EE; armchair tour of Altenburg (444 1/9 Wright-MB)
13610 #1600 **RBI** Swahili; IS, ID, wld nx (fr-gd 1/19 Famularo-Japan)
15240 1315 **RBI** EE; birthday greetings to Nigeria, anti-nuke comments (343 1/13 Neff)
21540 1300 **RBI** EE; nuclear free corridor (gd 1/29 Robinson-TN) 1254 EE; **RBI** DX Club (253 1/9 Rocker-MS) 1425 EE; mx, sked, into Hindi @ 1430 (444 1/2 Dillon)

GERMANY, FEDERAL REPUBLIC OF Deutsche Welle
3960 2207 **R. Liberty** RR; YL w/ tlc (322 1/15 Bishop-NY)
3970 2215 **RFE/RL** unid; American or EE, tlc, Dancing in the Dark (433 1/15 Bishop NY)
3980 2224 **VOA** relay unid; QRM de HAMS (221 1/15 Bishop-NY)
3990 2307 **R. Free Europe** unid; OM w/ tlc, QRM de HAMS (322 1/14 Bishop-NY)
3995 0542 **DW** GG; cl mx, 0545+, ID, IS (444 1/11 Kunkel-CA) 2325 GG; OM/YL tlc, opera (332 1/14 Bishop-NY)
6100 0500 **DW** GG; wld nx, ment Bush, CW QRM, Austria, Cuba (545 1/26 Miller-CA)
9545 1715 **DW** GG; rock-pop mx, recent airline disaster (444 1/21 Dillon-Greece)
9750 0608 **DW** Turkish; ment Yugoslavia, Bonn, Afghanistan, Angola (555 1/7 Trescher)
11795 2035 **DW** GG; tlc, ment Germany, Austria, waltz, RITTY QRM (344 1/30 Miller-CA)
21455 1520 **R. Liberty** Azeri; political tlc w/ ment of Reagan, Shultz & Soviet Union, story from N.Y. Times (444 1/4 Dillon-Greece)
21600 0909 **DW** EE; tlc on E. Germ., cl composers, to Af (fr 1/8 Famularo-Japan)
21680 0934 **DW** EE; Arts on the Air, Auf Deutsch Gesagt (545 1/15 Leader-Ireland)

GREECE Voice of Greece
7430 0649 **VOG** Greek; Greek mx (242 1/29 Wakefield-IA) 0135 Greek mx (444 1/22 Neff)
9690 #0001 **VOA** relay Uzbek; nx by OM/YL, // 9615 & 7125 (333 1/24 Matsushita-Japan)

HUNGARY Radio Budapest
7220 2113 **RB** EE; nx of business doings in Hungary, feature on musicians appearing in Budapest Spring Festival (333 1/30 Westenhaver-QU)
9835 2147 **RB** EE; compact discs, Winter spts (545 1/14 Leader-Ireland) 1940 EE; contry, politics, ethnic minorities (444 1/25 Levison-PA)
11910 2100 **RB** EE; nx of Hungarian Socialists Workers Party (545 1/22 Robinson-TN)

ITALY Radiotelevisione Italiana
9575 0100 EE; IS, ID, nx, Bush is inaugurated (322 1/20 Brown-IL) 0102 EE; nx by dead YL (by the way the dead YL is not the one pictured in the *What's On... masthead!*, ID as R. Rome @ 0108 (444 12/12 Ryan-NY)
21690 1714 II; OM w/ rapid tlc, EZL mx, 1744 ID (243 1/15 Cichorek-NJ)

LUXEMBOURG Radio Luxembourg
6090 0115 EE; rock mx, ID @ 0118, hvy QRM from LW-0085 (322 12 30 Ryan-NY)

MALTA
6110 2243 **R. Mediterranean** EE; nx focusing on Eu/Libya, wx forecast, temps, brief rpts w/ background mx (i.e. teenager's surfboard bitten by a shark-shark chased by dolphins) (fr 1/17 Famularo-Japan)
7110 2045 **IBRA** Radio EE; Breakthrough pgm w/ inspirational mx & message (333 1/21 Saarikko-NY)

MONACO Trans World Radio-Monte Carlo
12025 1557 Kurdish/Turkish; "How great thou art" in unid lang, ID in EE @ 1600 announcing Kurdish b/c, Kurdish tlcs, ID by OM @ 1613 announcing Turkish b/c (443 1/22 Sharpe-CA)

NETHERLANDS Radio Nederland
6020 0245 EE; Braz. political situation (433 1/19 Brown-IL) 0310 EE; country mx, Happy Station (444 1/9 Neff-FL) 2309 Dutch; 13, OM, ID (433 1/24 Bishop-EE; Save the Children's Alliance, Peace Child (555 1/15 Leader-Ireland)

NORWAY Radio Norway International
21705 1327 EE; Norw. merchant fleet, unemployment problem in the fishing villages of Norway (454 1/15 Leader-Ireland)

POLAND Radio Polonia
7270 2243 EE; DX Club, reviewing reception rpts received, no ARD QRM (444 1/1) Westenhaver-QU) 2300 EE; IL, nx, continued rescue efforts in Soviet Armenia (433 12/12 Coleman-MA) 2230 EE; domestic nx, mailbag or Q&A (444 1/27 Card-RI) 2308 EE; Polish nx by OM, wx, YL w/ ID (434 12/26 Snyder-NY) 2340 EE; tlk on Polish post war cinema & new films (444 1/12 Cichorek-NJ)

PORTUGAL Radio Portugal
9600 0232 RDP EE; visit of a Soviet diplomat to Portugal (232 1/12 Brown-IL) 0230 EE; nx, Sun & Shore, tlk about N. Port. & Moorish influence (433 1/24 Etten-MN) 0232 EE; first masters degree awarded in Port. (443 1/12 Neff)

9705 2200 RDP PP; tlk of George Bush Inaugural, mx, nx of Lisbon (545 1/21 Robinson)

11800 1100 RDP PP; tlk of Super Bowl, nx of social democrats, mx (555 1/23 Robinson-TN) 1603 PP; excited OM announcing a soccer game, co-channel QRM, possibly Sri Lanka, pgm sked for Sa/Su only (pr-fr 1/21 Famularo-Japan)

11840 0231 RDP EE; nx, Port. PM to visit Swit., Our Choice of Mx (333 1/24 Brown-IL)

15225 *1000 RDP PP; to Macau & Timor, Port. Magazine (fr-gd 12/30 Famularo-Japan)

21530 1447 R. Free Europe Czech; big band mx, standards, ID, // 21720 (444 1/9 Westenhaver-QU)

21745 1505 RFE/RL PP; ID by YL, nx, ment of Kabul & Pakistan (444 1/14 Cichorek-NJ)

ROMANIA Radio Bucharest
5991 2335 Romanian; YL w/ tlk, OM singing, QRM de WYFR (322 1/21 Bishop-NY)

21550 1310 EE; tlk pushing disarmament, "A policy Validated by life" (354 1/9 Rucker)

SPAIN Radio Exterior de España
9630 0148 REE EE; story on architecture of Camillion Castles (333 1/29 Ehly-IA) 0045 EE; OM, nx, Spanish radio nx (544 1/25 Valentine-CA) 0035 EE; rpt on the Spanish novelist, winner of the Nobel Prize (444 1/17 Fraser-MA) 0538 EE; nx, Germany does have info of gas production in Libya (543 1/19 Etten-MN) 0006 EE; mx, EEC nx, Madrid traffic problems (333 1/19 Neff-FL)

11880 0104 REE EE; Dalí is responding to treatment, Reagan's Presidency (544 1/29 Brown-IL) 0055 EE; SS mx, Pres. Bush to attend funeral of Hirohito in Japan (545 1/27 Miller-CA) 0003 EE; wld nx, wx, comments on the Vatican & Pope (444 12/26 Levison-FA) 0022 EE; Panoramas (433 1/20 Bishop-NY)

12035 1513 REE SS; soccer game, "R. Nacional" ID, // 9875 (fr 1/22 Famularo-Japan)

17890 2200 REE SS; tlk on Reagan economics, Bush, SS mx (334 1/19 Miller-CA) 2022 SS; rock mx by Los Bombos Atómicos (433 1/29 Janusz-NJ)

21595 1505 REE SS; wld nx, pgm Spaniards & the Sea (444 1/2 Dillon-Greece)

SWEDEN Radio Sweden
11705 0330 EE; Weekday from Stockholm, U.S. duties on stainless steel (322 1/1) Brown-IL) 0234 EE; musical pgm about Swedish composer (444 1/17 Neff-FL)

21615 1400 EE; wld/Scandinavian nx, history of Barvolt, // 15345 (343 11/28 Etten-MN)

SWITZERLAND Swiss Radio International
3985 0600 SRI FF; nx (344 1/8 Kunkel-CA)

3985 2210 R. Beijing relay EE; nx about China, wx (333 12/15 Ryan-NY) 2220 EE; tlk, building of the Great Wall of China (433 1/15 Bishop-NY)

5965 2317 SRI 11; OM tlking to YL by phone, tlk about LAM (332 1/21 Bishop-NY)

6135 0313 Red Cross B/Cing Svce EE; comments on prisoners, Nicaragua storm victims, Afghanistan items (333 12/2 Levison-PA)

9495 0330 SRI EE; YL, OM (433 1/24 Valentine-CA)

9535 1635 SRI 11; EZL mx, ID in GG, sked, into GG @ 1700 (444 1/21 Dillon-Greece)

9560 0650 Red Cross B/Cing Svce EE; ID by OM into SRI 13 (222 12/1 Ryan-NY)

9725 0200 SRI EE; nx, death toll in the Soviet earthquake may be under 1000 (322 1/24 Brown-IL)

9885 2118 SRI EE; Swiss SW Merry-Go-Round, tlk about HAM equip (423 1/14 Etten-MN)

11800 0057 SRI SS; marching band mx, ID (353 1/5 Rucker-MS)

12035 0410 SRI EE; George Reed from Red Cross just back from Armenia, tlk about situation (433 1/14 Etten-MN) 0500 FF; tlk, nx, contry (545 1/16 Miller)

17730 0210 SRI EE; tlk on Swiss cinema & films, festival & TV (455 1/30 Miller-CA)

21630 1538 SRI EE; contry on PLO, laundering dirty money (444 12/16 Levison-PA) 1537 EE; Dateline, intvw w/ new Ambassador to U.S. (444 1/2 Dillon-Greece)

UNITED KINGDOM British Broadcasting Corporation

3955 2156 **BBC** EE; birthday wishes, cl mx, Newshour (433 1/15 Bishop-NY)
 6115 0506 **BBC** EE; wld nx, ID, 0509 IS into FF @ 0514 (322 12/18 Ryan-NY)
 6195 1600 **BBC** EE; nx, Nx about Britain, Letter from America (444 1/1 Dillon-Greece)
 7185 0504 **BBC** EE; ID, wld nx, Hirobito's death (533 1/7 Trescher-PA)
 7260 0311 **R. Canada Int'l relay** RR; IS, YL w/ "Govorit Kanada," OM w/ nx (444 1/24 Westenhaver-QU)
 7325 0644 **V. of America relay** EE; U.S. aid t 3rd wld farmers (343 1/29 Wakefield)
 7320 2130 **BBC** EE; The Pleasure's Yours (554 1/8 Fraser-MA)
 9760 0910 **BBC** EE; Cuban troop withdrawal from Angola (222 1/11 Kline-CA)
 9915 2340 **BBC** EE; mx by Fleetwood Mac, letter from Italian listener (233 1/28 Ehly)
 11680 0015 **BBC** SS; Big Ben chime, ID, freqs, OM w/ tlk (444 1/9 Rocker-MS)
 12095 0816 **BBC** EE; listener's requests of cl & opera mx, long-path echo (fr-gd 1/8 Famularo-Japan) 0220 EE; Afro mx, tlk on cancer of cervix, crash of plane in Britain, superconductors (444 1/16 Miller-CA) 1645 EE; The World Today, wld nx, contry on Brazilian austeritiy (444 1/16 Dillon-Greece)
 15070 1600 **BBC** EE; wld nx, Nx about Britain, Spts Wld (444 1/2 Dillon-Greece)
 18080 1407 **BBC** EE; Outlook, intvw w/ brother of British journalist imprisoned in Iran, this freq to be discontinued as of 7/1/89 (444 1/27 Westenhaver-QU)
 21640n1 1406 **BBC** EE; Outlook, rpt on new Emperor Akibito, not listed in WS sked but seems to follow Hausa on this freq to 1415* (243 1/9 Westenhaver-QU)

VATICAN CITY Vatican Radio

6248 1720 **VR** Bulgarian?; tiks, into Albanian? @ 1730 (fr 12/30 Famularo-Japan)
 9605 0053 **VR** EE; Vatican approves of a document calling for certain rel freedoms (544 1/24 Brown-IL) 0105 EE; child abuse in Italy, 0110* (454 2/1 Wakefield-IA) 0050 EE; ID, Vatican Week (555 1/5 Rocker-MS) 0103 EE; wld homeless, Newsdesk (533 12/30 Ryan-NY) 0103 EE; comments on people helping people in East/West relations (443 1/13 Neff-FL)
 11780 0116 **VR** EE; nx, Pope's letter to American bishops, Lebanon fighting (333 1/23 Brown-IL) 0031 FF; pgm details, meditation for Week of Christian Unity, QRM de REE-11775 (433 1/25 Westenhaver-QU)
 11955 1508 **VR** EE; tlk, ment Pope, choral hymn, IS, 1510* (pr-fr 1/22 Famularo-Japan)
 15195 10700 **VR** FF/EE; IS, FF OM w/ ID, tlk, IS, EE ID, sked for Af, YL w/ nx of Sudan, S. Afr., Angola (gd 12/30 Famularo-Japan)

YUGOSLAVIA Radio Yugoslavia

5980 2135 **RY** FF; OM w/ nx, YL w/ tlk, ID (333 1/31 George-NC)
 9620 0105 **RY** EE; nx, contry on human rights, Soviet arms (444 1/19 Miller-CA) 0115 EE; intvw, rpt on economy, environmental impact (232 2/1 Flynn-CA) 0015 SS; ID by OM in the exited LAM style, contry w/ Yugo. mentioned often (544 1/10 Fraser-MA) 0108 EE; draft of Serbian constitution adopted, wx (545 1/7 Cichorek-NJ) 0118 EE; monuments, EE literature (434 12/22 Levison-PA)
 9620 12058 **R. Skopje via RY** Macedonian; IS, OM w/ ID, brief mx bridge, nx, long tlk by OM (444 1/21 D'Angelo-PA)
 9620 2108 **R. Ljubljana via RY** Sloven; nx, 2115 ID, inst selections w/out anmts to 2123 pause & IS (444 1/16 D'Angelo-PA)
 9620 12055 **R. Beograd via RY** Serbo-Croat; open carrier from 2055, IS @ 2058, s/on ID & anmts, "Ovde Radio Helevizija Beograd," nx, vocal selections to 2128 IS (544 1/15 D'Angelo-PA)
 9660 12200 **RY** EE; Soviet arms reduction, Arab reaction to Bush Presidency, W. Sahara problem (533 1/21 Wright-MB) 2200 EE; The Legacy of Reagan in the U.S.A. (333 1/19 Langlois-FL) 2201 EE; nx, S. Afr. & Namibia (332 1/9 Neff-FL)
 11735 0104 **RY** EE; tourists, new young military officers (434 12/17 Levison-PA)
 15325 1305 **RY** EE; nx, pres. review, ID (434 12/15 Ryan-NY)

INTERNATIONAL WATERS

6215 0416 **Radio Caroline** EE; OM w/ ID, jazz (323 12/15 Snyder-NY)
 6215 0515 **World Mission Radio via R. Caroline** EE; Beethoven's 9th Aria, light mx, OM to 0530 fade (244 1/20 Kunkel-CA)

PIRATE Radio Fax in Ireland

6205 0830 EE; in the clear after HCJB 0830*, various rock selections, TC for 20 min to 9, long ad strings @ 0850 & 0911, ment closing down Sat. 12/31 @ 3 p.m. & thanked advertisers & listeners (242 12/31 D'Angelo-PA)

UNIDENTIFIED

6240 0615 EE; continuous rock mx to 0630 tlk by OM, 2 min. of chatter; then back to continuous mx (151 1/21 D'Angelo-PA) European pirate?
 19001.5 0035 unid; musical selections, YL ancr, 19001.5 heard some mx-further tuning- to 19100.6 the signal was still present w/ Woodpecker & hvy QRM, @ 0045 a OM spoke, heard Nederland twice, transmitter shutdown @ 0047 (323 12-15 Levison-PA)

U S S R

LOGGINGS AND INFORMATION

Mail Monthly Contributions to

EDITOR: Jason Berri, 21240 South Western Avenue, #18, Torrance, CA 90501 U.S.A.

LOTS of good logs this month, so let's get right to it . . .

MARCH 1989

U.S.S.R. Radio Moscow Radio Kiev Radio Vilnius Radio Tashkent
Radio Station Peace and Progress Radio Yerevan

- 4050 1335 Sakhalin R.-Yuzhno Sakhalinsk (RDI): RR; Moscow 1st pgm w/ opera mx & tlc, // 4485, 5930, 5940 (gd 1/26 Famularo-JP)
- 4485 1430 Kamchata R.-Petrovlovsk Kamchatskiy (RDI): RR; ID, novosti nx by W, M intro Azerbaijani mx & songs (443 1/16 Sharpe-CA)
- 4740 0224 R. Afghanistan Relay-Ashkhabad (RDI): ??; sub-continent mx, TP @ 0230 into nx w/poss. ment of "Afghanistan", buried in QRN @ 0231 (232 2/2 Janusz-NJ)
- 4760 0135 R. Afghanistan Relay-Dushanbe (ILG): Pushto; M w/chants (probably Qur'an -ed) (332 1/15 Bishop-NY)
- 4795 0041 Euryat E.-Ulan Ude (RDI): RR7; M & W into another pgm by : M (433 1/16 Bishop-NY)
- 4795 2214 RSP&P-Kharkov (ILG): EE; ID, mx (322 1/13 Bishop-NY)
- 4860 1740 RM: Turkish; "Midnight in Moscow", ID, pol. tlc, folk mx. IS (333 1/11 Dillon-Greece)
- 4860 2122 Chita R.-Serpuukhov (RDI): GG; M tlc, EE @ 2222 w/tlc abt Afghanistan (221 1/13 Bishop-NY)
- 4875 0217 Georgian R.-Tbilisi (RDI): Georgian; M & W talking (322 1/16 Bishop-NY) (more details please -ed)
- 4895 1720 RM-Kalinin (ILG): Romanian; pol. tlc of Gorbachev & Bush, ID @ 1730 "Aici Moskova", wld nx (343 1/11 Dillon-Greece)
- 4930 0236 RM: RR; Jazz mx pgm (433 1/16 Bishop-NY)
- 5015 0738 RM: RR; mx & tlc by M (222 1/8 Cichorek-NJ) (this is either Arkhangelsk or Vladivostok, any ideas? -ed)
- 5905 0108 RSP&P-Kharkov (ILG): FF; M ID & tlc about human rights in Haiti (433 1/11 Westenhaver-QU)
- 5905 0136 RM-Kharkov (ILG): SS; M ID & tlc on GDR (433 1/18 Bishop-NY)
- 5950 2229 RM-Leningrad (RDI): RR; W tlc, nx, sked (322 1/21 Bishop-NY)
- 7170 1216 RM-Novosibirsk (ILG): CC; M/W tlc, ment Malaysia, @ 1219 "Mosuko guangbo diantai" ID (333 1/7 Westenhaver-QU)
- 7195 *0300 RSP&P-Simferopol (ILG): Creole; s/on anmts, M w/nx (444 1/24 Westenhaver-QU)
- 7195 2109 RM-Simferopol (ILG): FF; nx, ID (444 1/30 Westenhaver-QU)
- 7260 0745 RM-Petro. Kam. (UHN): EE; interview w/workers from Seattle restaurant abt "Peace Table" (454 1/30 Kline-CA)
- 7310 0045 RM-Simferopol (UHN): EE; rpt on joint US-USSR documentary - "Russian America" (554 1/23 Fraser-MA)
- 7320 2300 RM-Starobelsk (UHN): SS; synthesizer mx, M ID as LatAm svc, into nx (333 1/11 Westenhaver-QU)
- 7360 2201 RSP&P-Armavir (ILG): EE; "Roundup of Events", ID @ 2201. tlc abt RR POW's in Afghanistan (433 1/10 Westenhaver-QU)
- 7400 0400 RM (DS2)-Simferopol (ILG): RR; IS, ID "Govorit Moskva" (555 1/21 Trescher-PA) (Ryan-NY)
- 7400 2305 RV-Simferopol (ILG): EE; ID, nx (444 1/13 Neff-FL)
- 7400 0056 RK-Simferopol (ILG): EE; rpt of stone age canoe found (554 1/10 Fraser-MA) (Neff-FL) (Cichorek-NJ) (Trescher-PA)
- 9480 0105 RSP&P-Baku (ILG): Creole; ID, tlc abt Nicaragua's desire for normal relations w/U (433 1/26 Westenhaver-QU)
- 9480 0207 RM-Yerevan (UHN): SS; "Programa UBC" w/tlc on Cuban social ism (343 2/2 Janusz-NJ)
- 9540 1212 RT-Tashkent (RDI): EE; cmtry abt soviet agriculture, ID @ 1216 by M, brief mx bridge into "Chronicle of Daily Life" (343 1/4 D'Angelo-PA) (Ryan-NY) (Robinson-TN)

9665 0210 RM Dushanbe (RDI): FF: nx abt USSR by M, cmtry frm USSR (444 1/27 Matsushita-JP)

9685 1359 RM-Irkutsk (RDI): RR: IS & ID @ 1400, anmt & M w/presumed nx (222 1/14 Cichorek-NJ)

9705 1605 RM-Khabarovsk (ILG): EE: nx & ID @ 1611 (222 12/28 Ryan-NY)

9735 1303 RM: Indonesian; nx to 1312, "R. Moscowaa siaran Indonesia" ID, current affairs pgm "Panorama" (343 1/29 Westenhaver-QU)

9760 0600 RM: EE: IS. Kremlin bells, wld nx (512 1/7 Trescher-PA)

9770 2009 RM: EE: ID, prison reform (343 1/9 Neff-FL)

9780 1200 RM-Vladivostok (ILG): EE: "News & Views" - Soviet DX club (444 1/23 Robinson-TN)

9795 1700 RM-Vladivostok (ILG): EE: M w/tlk (444 1/2 Valentine-CA)

9820 0542 RM-Kazan (ILG): FF; ID, ment. Paris (555 1/7 Trescher-FA)

9825 0607 RM-Petro. Kam (UHN): EE; "Outlook" - tlk on book published abt earthquakes, // 7175 (333 1/8 Sampson-WI)

9855 +1300 RM-Irkutsk (ILG): Pushto; M w/ID "Da Moscow de" & ments Afghanistan in opening anmts, nx (333 1/26 Westenhaver-QU)

9875 1211 RM: EE; "News & Views" on Paris conference, // 9705 (242 1/7 Westenhaver-QU) (Robinson-TN)

11655 +1400 RSP&P-Moscow (ILG): EE; IS, ID, wld nx (fr 1/29 Famularo-JP)

11785 1200 RT-Tashkent (RDI): EE: quote by Shevardnadze, writers union (545 1/31 Robinson-TN)

11820 1300 RM-Frunze (ILG): Indo?: IS, ID into tlk (454 1/9 Rucker-MS)

11850 1227 RM-Konevo (RDI): RR; M tlk, IS @ 1229, ID & tlk (353 1/9 Rucker-MS)

12010 0304 RM-Komsomolsk Amure (UHN): EE; wld nx, ID, "Outlook" (444 1/22 Miller-CA)

12020 1342 RM-Moscow (ILG): FF; RR language lesson, mx, ID @ 1350, QRM (422 1/14 Wright-MB)

13615 0200 Radiostantsiya Rodina-Alma Ata (ILG): RR; IS, ID, M w/tlk & nx, // 13645 (444 1/30 Miller-CA)

13645 0352 RY-Komsomolsk Amure (ILG): EE; ID, nx, // 15180, 15455 (333 12/25 Ryan-NY) (D'Angelo-PA) (Trescher-PA)

13645 0032 RK-Komsomolsk Amure (ILG): EE: listeners letters (444 1/16 Levison-PA). (Miller-CA)

13645 2230 RM-Komsomolsk Amure (ILG): EE; folk mx (444 1/7 Langlois-FL)

15180 0350 RY-Komsomolsk Amure (RDI): EE; tlk abt Armenians in US, mx (433 1/27 Miller-CA)

15180 0301 RK-Komsomolsk Amure (RDI): EE; nx - chemical weapons, tlk w/ host of R. Kiev DX Club (444 1/8 Sampson-WI) (Miller-CA)

15200 0322 RM-Frunze (ILG): EE; rpt on Armenian earthquake, ID (333 1/12 Brown-IL) (Rucker-MS)

15230 0400 RM: RR: IS, ID "Govorit Moskva", M tlk (343 1/24 Rucker-MS)

15315 0352 RM-Krasnoyarsk (ILG): CC: tlk by M, // 15375, 15385, 15545 (243 1/24 Rucker-MS)

15405 2030 RM-Petro. Kam. (ILG): EE; RR mx, ID, "Inside Report", pop mx (344 1/27 Miller-CA)

15425 0352 RM-Petro. Kam. (RDI): EE; mx. 0400* (353 1/12 Wright-MB)

15445 0031 RK: EE; mx, cmtry on library (444 12/7 Levison-PA)

17605 0030 RM-Petro. Kam. (UHN): EE; M - Soviet-American expedition, W tlk (544 1/2 Valentine-CA)

17645 0418 RM-Komsomolsk Amure (UHN): EE; "Outlook", ID, mx, sports, "Science & Engineering" (343 1/27 Miller-CA)

17645 1418 RSP&F-Starobelsk (ILG): EE; ID & tlk abt Soviet Peace Fund, QSB (333 1/22 Westenhaver-QU) (Ryan-NY)

17680 1436 RM-Dushanbe (RDI): FF; M ancor w/nx (333 12/28 Ryan-NY)

17700 0102 RM-Petro. Kam. (UHN): EE; wld nx (242 1/5 Rucker-MS)

17720 2330 RM-Petro. Kam. (UHN): EE; RR schools (444 2/4 Valentine-CA)

17850 1432 RM-Khabarovsk (RDI): EE: "Inside Report", mx, DW QRM @ 1456 (444 1/3 Sampson-WI)

17890 0025 RM: EE; "Inside Report", ID, tlk (545 1/20 Miller-CA)

21530 2354 RM-Petro. Kam. (UHN): EE; class. mx, nx @ 0000 (343 2/2 Thunberg-FA) (Westenhaver-QU) (Rucker-MS)

21690 0511 RM-Khabarovsk (ILG): EE; "News & Views" (354 1/20 Hanson-WA)

21725 1335 RM-Tbilisi (RDI): EE; audio book club, ID, wld nx (444 1/8 Dillon-Greece) (Cichorek-NJ)

21790 0525 RM: EE; cmtry on Albania, ID, mx (gd 1/28 Famularo-JP)

21800 1436 RM: FF; M/W w/African nx, tlk (343 1/9 Westenhaver-QU)

21830 1455 Radiostantsiya Rodina: RR: ID @ 1458 (433 1/14 Cichorek NJ)

Relay loggings received for March: 7115 and 7135, both via Flovdiv Bulgaria. Site sources used for this month: UHN #65, 1989 RDI (PWBR). D1988 ILG. I had to cut some of the program details to fit all 104(!) logs. No room for other info, I will hold it for next time 73 and good DX! Jason

Africa

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888

All times and dates UTC: Frequencies in Khz: *0000 = station, 0000* = offset.

Submission Deadline is the 12th.

March, and winter's end. Could it mean spring romance is right around the corner? Nah, for us radio nerds it means the last chance to cram in some fabulous DX before the season's over. You figure.

COLUMN FOR MARCH, 1989

ALGERIA

- 7145 1545 R. Algiers: AA; W dj w/AA mx, both orchestral and "primitive," ID @1559, TPs, another ID, mideast mx read by M. 433(1-14 Dillon-GREECE)
 9509 1948 R. Algiers: EE; end rock/pop mx pgm, M ID "...R. Algiers Int'l Sce..." and // freqs 9630, 15315, 17735. Buzzy DC on 9634 may be them. 333(2-19 ed.)

ANGOLA

- 4820.3 0437 EP da Huila: VN/FF; nice lcl mx, 0440 W ancr lengthy tll, ments Luanda & Lubango, more mx/tlk to 0459, when brief Lubango ID over mx; @0500, join net for RNA ID, 1 min mx headlines, back to lcl mx, 232(2-20 ed.)
 4881.6 0538 EP do Zaire (t): FF; complex tribal mx, w/occ brief anmt by M; no ID hrd; weird cond.; Angola/SAF only Afros on band. Hi QSB. 242/1(2-20 ed.)
 4953 0122 R. Nacional: SS; def SS pgm w/FF ID @0130, more SS, probably for Cubans in Angola; rough in noise, audio gone by 0140, poor (1-27 Sheedy-CA)
 4969.9 0616 EP da Cabinda: FF; drum call/response mx, peppy W dj, w/tc's, several more modern PP Afropops to 0630, break for ID, more mx. 242(2-20 ed.)
 7151.6 0514 EP do Lobito: FF; pgm of local jump mx w/M dj; hrd 2 nites later w/ID @0500. BRMoscow/7150. 222(2-9 ed.)

ASCENSION ISLAND (truncated per threats by the Ayatollah) (all BBC Relay)
 7105/0500/322(Westenhaver-QUE); 15260/0128/444(Cichorek-NJ); 15400/1728/444(Miller-CA)

BENIN

- 4870 0519 ORT Benin: FF/VN; m: by Fassav, W dj, passing ID, more m. into VN @0530, 333(2-20 ed.). 322(1-13 Bishop-NY)

BOTSWANA

- 7255 0415 R. Botswana: EE; interview abt improving comm. w/Gaborone; item on anti-AIDS campaign during Rio Carnival; songs/dj, chat/UTC+2 tcs; wiped out by buzzy VON OC @0428. Ihamm..Buzzy Von..didn't he play for the Brooklyn Dodgers? -ed.] 342(2-3 Westenhaver-QUE)

BURKINA FASO

- 4815 10528 RTV Burkina: FF; 1 Hz tone, mallet instr IS @0529, then 0530 W "Ici Ouagadougou, R. dif. Nationale du Burkina", instr NA, into lcl tribal m.: 454(2-20 ed.)

CAMEROON

- 5016 2114 CRTV Garoua: FF; ID @2200, mx, lots of mx; off at 2230+; hv, UTE ORN. 333(1-16 Card-RI)

CHAD

- 4904.5 2155 RN Tchadienne: FF; M ID, back to m.; best ever hrd. 349(1-15 Morby-NY). @1725 in Sara and AA...444(1-14 Dillon-GREECE)

COTE D'IVOIRE

- 4940 2135 R. Cote d'Ivoire: FF; m: selections, no. 454(1-11 Card-RI)
 11920 2140 R. Cote d'Ivoire: FF; jazz m., @2700 2M w/m; @2707 m: resumes w/EL pops.
 433(1-13 Dichorek-NJ)

EGYPT

- 9475 0200 R. Cairo: EE; Qur'an recitation, no. / PLO and Mubarek. 545(2-3 Robinson-TN). 444(1-22 Brown-IL)
 9755 2022 Holy Quran Pgm: AA; M ends tll (nx?), ID per WRTH, bit chanting, tll abt Islam, into extended Qur'an recitation. 322(2-19 ed.)
 9850 1940 R. Cairo: AA; M tll abt relations w/Morocco: /79475, 12050. ORM de WYFR/9852.S. 322(2-19 ed.)
 9900 0155 R. Cairo: EE; tll, ID, W no: Israel, Mubarek; better here than /79475, 444(1-20 Miller-CA). 533(1-10 Trescher-PA). 333(1-21 Neff-FL)
 12050 1509 R. Cairo: AA; interview, ment in EE of the "underground economy;" ID "Min al-Qahirah," evening call to prayer. 444(1-14 Dillon-GREECE)
 17595 1240 R. Cairo: EE; ME m: W ID, cmty abt Egypt'n industry. 322(1-2 Ryan-NJ)

EQUATORIAL GUINEA

- 5003.6 2146 R. Nacional: SS; M tll, R. Nacional ID, African mx to NA @2200f. 433(1-13 Bishop-NY). 333(1-15 Card-RI). @1835 in VN. 333(1-14 Dillon-GREECE)
 9582.7 2110 R. Africa: EE; preacher tll abt Queen of Sheba; 2127 ID and US Thrugetw/Liberalia mailing addresses. 333(1-29 Luchmann-VA)

ETHIOPIA

- 7110 #0400 VO Ethiopia: Amharic; s/on w/NA, M tll. (Sunday s/on time). 333(1-29 Kunkel-CA)
 9660.1 1830 VO Ethiopia: EE; M mx, "...the VO Ethiopia" ID, into mx; co-channel ORM, het from Baghdad [I thought 'twas R. Liberty - ed.]. 322(1-22 Lackmann-VA)

GABON

- 4830 0540 Africa #1: FF; African mx & tll, ID @0545. 555(1-24 Rolaag-CA). 334(2-4 Miller-CA). 433(1-13 Bishop-NY). @1715. 333(1-12 Dillon-GREECE)
 7160 2057 R. France Int'l Relay: FF; Afropops to 2100; dj chat, rpts on African football. Ham ORM. 333(1-30 Westenhaver-QUE)
 15200 2100 Africa #1: FF; hrd w/m: to s/off at 2113f. 444(2-2 Lackmann-VA). ORM de VOA/15195. 322(1-29 Westenhaver-QUE)[SEE DX NOOZ]
 21695 0705 R. Japan Relay: EE; world no. ID/freqs/relay QTH, into Business Topics pgm. fr-gd(1-29 Famularo-JAPAN)

GHANA

- 3366 2238 GBC: EE; A Word With You; outspoken preacher tlls abt Ghana's misuse of authority since independence; Radio Two ID, TC, EZL m.. 444(2-19 ed.)
 4915 2200 GBC: VN/EE; tll abt Botswana, @2215 EE ID/TC ("10:15"), into mx, then rel program. 545(1-30 Robinson-TN). 433(1-13 Bishop-NY). @0725. 322(1-22 Miller-CA). @1810. 333(1-14 Dillon-GREECE)

KENYA

- 4934 #0155 VO Kenya: EE; tone to 0158, mallet-instrument IS, M "This is the VO Kenya, Nairobi." NA. 342(2-17 ed.). 333(1-16 Lunel-CA)

LESOTHO

- 3255 0247 BBC Relay: EE; Networl Africa; M & W hosts, Afro m., details of contest to win a shortwave radio. Why tell you I wanna win it myself? 333(2-2 ed.)
 9515 1258 BBC Relay: EE; Sports Roundup; motocross m. Can't believe I could pick up Lesotho so clearly [You can't. It's Sackville. -ed.] 344(1-14 Brown-IL)

LIBERIA (VOA Relays cut due to the greenhouse effect)

- 6090 #0458 ELBC: EE; s/on, m., M ID, pgm sled. 444(1-5 Lunel-CA)
 11820 0720 ELWA: EE; M preaching, gives US address; 0730 ID, more religion. pr/fr(1-29 Famularo-JAPAN)
 11955 0754 ELWA: AA; M tll, def ELWA IS @0800; either 0800f or lost in ORM thereafter; missing w/equaly-poor BRC. por(1-8 Famularo-JAPAN)

LIBYA

- 15415 0100 VO Gtr Arab Homeland: AA; ID per WRTH, short M tlls [How could] you tell he was short? -ed.] w/Marlbore theme between bits: /15450 (SIO 747), 15275 (SIO 323), 433(1-30 Westenhaver-QUE). 342(1-21 Wright-MB)
 15450 1435 R. Jamahiriyyah HS: AA; lively AA mx to 1500, then chimes, ME n. headlines, ID "Ittha'atu ul-Jamahiriyyat il-'Arabiyyat il-Libiyyat..." [Oh, now say it three times real fast...ed.] 444(1-14 Dillon-GREECE). @1751. 333(1-15 Dichorek-NJ)

MADAGASCAR

- 5010 0154 R. Madagasikara: FF; IS to 0157. NA, M ID; f/out by 0230. 444(1-17 Kunkel-CA) [Sure the lang wasn't Malagasy? Sounds a lot like FF. -ed.]
- 15560 2030 R. Nederland Relay: EE; Tom Meyer's Happy Station music program; //9540 (SIO 232). 353(1-8 Fraser-MA)
- 17575 1602 RN Relay: Dutch; ttk abt African countries; m. W ID, M ttk nuclear arms. 222(1-21 Miller-CA)

MALI

- 4835 2105 RTV Malienne: VN; fast-talking M reading numbers, foll by 2 towns in Mali. mni ments Bamako. Who knows..maybe the bus sked? 333(1-19 ed.)
- 9744.2 2240 R. Beijing Relay: EE; Listeners Letterbox, W ttk abt bell tower. m. 545(1-22 Robinson-TN). @2020 in EE..322(2-19 ed.)
- 9770 0310 RR Relay: EE; nx, nx abt China, educational reform in China, ttk abt SW China. 433(1-15 Wright-MB). 433(1-8 Neff-FL). 444(1-31 Miller-CA)
- 11715 0305 RB Relay: EE; world nx, nx abt China; 45% incr in criminal activities in China. 444(1-23 Zirkel-CA). 444(1-28 Levison-PA). 353(1-28 Kline-CA)

MOROCCO (VDA cut for not sending us program schedules)

- 9575 0804 R. Medi Un: AA/FF; AA nx/sports to 0815 w/ID @0805; Mitsubishi car/truck ad, W dj, w/AA & EE pops; @0825 into FF. Splash de RA/9580. 242(2-4 Westenhaver-QUE)
- 15105 2136 RTV Marocaine: AA; ttk of Muhammad, AA m. ment Washington; DRM de DW. 242(1-21 Wright-MB)
- 15335 1620 RTV Marocaine: AA; orchestral mx w/large chorus, M ancr, ID @1659, no nx on the hour. 433(1-14 Dillon-GREECE)
- 17595 1534 R. Morocco Int'l: EE; world nx, some m. cmt y on mass media & its western slant. 444(1-3 Levison-PA). [EE sked this freq weekdays 1530-1700. -ed.]

NIGERIA

- 7255 2130 VO Nigeria: VN/FF; VN to 2159, then "la Voix Nigeria, programme francaise...bonsoir.." 444(1-20 Robinson-TN)

RWANDA

- 7225 1639 Deutsche Welle Relay: EE; to ASIA w/rpts on Afghanistan, India; ID, partial sked, relay QTH, IS @1650*. pr/fr (1-4 Famularo-JAPAN)
- 17860 2315 DW Relay: GG; W nx of Bundestag. ttk abt Bonn; m. 555(1-27 Robinson-TN)

SEYCHELLES

- 7275 0037 FEBA: Hindi m., Tamil m., EE ID @0130; f/out by 0200. 455(1-14 Kunkel-CA)
- 11915 *1900 FEBA: AA; IS, AA ID; 1903 M opening anmts, into religious pgng. 343(1-24 Laclmann-VA). 333(1-16 Cichorek-NJ). 444(1-28 ed.)
- 15300 0340 FEBA: AA; IS/IDs "Huna idha'at al-Sawt al Ufran," similar ID at pgm start, into rel pgm. Listed on 15310. 243(2-11 Westenhaver-QUE)
- 17885 2002 BBC Relay: EE; n. The World Today; El Salvador; strong thru 2114. 444(1-21 Westenhaver-QUE)

SOUTH AFRICA (The Reader's Digest condensed version)

On 4880 by Ehly-IA, Brown-IL, Trescher-PA, Neff-FL. On 9615 by Miller-CA. On 11880 by Kunkel-CA. On 15220 by Sheedy-CA. On 15365 by Leader-IRELAND. On 15335 by Berri-CA, Cichorek-NJ. On 17745 by Westenhaver-QUE. On new 21335 by Westenhaver. On 21590 by Dillon-GREECE. On 25790 W, Cichorek-NJ)

SWAZILAND

- 3200 *0300 TWR: EE; IS, s/on w/EE ID. 344(1-12 Kunkel-CA)
- 3240 *0258 TWR: EE; IS, s/on w/ID @0300. 233(1-17 Kunkel-CA)

TOGO

- 3222 2244 R. Dif. du Kara: FF; US pop m.; soft-spoken M ancr @2256, more mx to 2301 ID, m; King, nx; briefs, s/off anmts, then my all-time fave African NA (sounds like it was done by Mel Blanc), off @2304. 343(2-19 ed.)

TUNISIA

- 12005 1525 R. Tunis: AA; group of M arguing abt urbanism in Tunisia, ID @1539, patriotic pgm w/disc of military training. 444(1-14 Dillon-GREECE)

ZAMBIA

- 4910 *0245 R. Zambia: VN/EE; decent w/fisheagle IS thru usual UTE barrage; NA @0250, w/opening anmts & ID. fair(1-18 Sheedy-CA)

CLANDESTINE

5015 0424 R. Truth: VNAFE: m to closing VN airt. bird JS 0041, fairfare 0047, W 10. modulation dropped suddenly into inaudibility. 422(2-20 ed.)

UNIDENTIFIED

5995 2321 UNID: 2P: instr m: (Halimba/xylo/drums) nonstop to 2335, then Qur'an or similar chanting to past 2358. Ruined by VOA 2345; no speech or ID hrd..Mali, maybe? 333/222(2-7 Westenhaver-QUE)

9504.0 1948 UNID: AA: M long-winded tlk abt Lit a; too much QRM for ID, although I suspect some sort of clandestine. 222/311(2-19 ed.)

DX NOOZ

ANGOLA - Luanda is back on 4953.2 with good signals, // to 3375.7, but no trace of 3355v. Benguela is reactivated but irregular on 5040.3 until 2300*, // 6152.2, Lobito is on 7151.6. Lunda Sul has been heard regularly on 4860.4 with improved signals. Moxico seems to be inactive. (Vashef Lorinel - RSA)
Huambo is active on 5062.8 until 2315*. (OZDX/Tyson/Hauser/SWLD)

BOTSWANA Replaced 5955 with new 9600, sled 0700-1500. (RNMN)

DJIBOUTI - Sled on 4780 is 0300-0430 Somali, 0430-0600 Afar, 0600-0800 Arabic, 0800-1100 Afar, 1100-1300 Somali, 1300-1500 Arabic, 1600-1730 Somali, 1730-1800 Afar
Fridays 0700-0800 Somali, 1100-1200 Somali, 1500-1600 Arabic, and 1600-1700 Somali. (Hancock/DXSpread/Hauser/SWLD)

EGYPT - Cairo on new 9940 in AA from 02030-past 2200. (MacGibbon/Hauser/SWLD)

GABON - Africa No. 1 has been heard since Feb. 1 08:00-16:00 hrs on 17630 MHz. 15475 has been replaced by 15200 from 1700-2100. (BBCMS/SCDX and SENNITT/WRTH)

LIBERIA - LBS is back on shortwave, 6090 at 0800-1800, 3255 from 1800-2400. (BBCMS/Hauser/SWLD)

MADAGASCAR - The morning broadcast is now heard on 5010, apparently not // 3287.6. The 90mb frequency is still used during the evening. (Lorinel - RSA)

MOZAMBIQUE - Emis. Interprovincial, Maputo has been heard on strong 9851.0, the second harmonic of 4925.5. Beira has been heard on various days on 2440.5, 3420.0, and 3316.9, all pres ex-3370; not heard at all on other days. (Lorinel - RSA)

NIGERIA - Kaduna now on 6088.4 until 2245*. (Allen/Hauser/SWLD)

SOUTH AFRICA - The SABC's R. Suid Afrika has added 11770 to 9665 for daytime broadcasts. (Lorinel - RSA)

ZAIRE - Lubumbashi has been regular on 7202.8, but 4751v is inactive lately. (Lorinel - RSA)

ZAMBIA - Sled 0250-0600 and 1570-2205 on 3348; 0600-1500 on 3255; and 0255-2205 on 6165. (Ginbey/RNMN)

ZIMBABWE - The only daytime (L.T.) frequency currently audible is 7174.7 (Radio Two), with really poor modulation. (Lorinel - RSA)

CLANDESTINE - Iran's Flag of Freedom address is 20 Rue de Compercet, 75009 Paris France. Sked: 0730-0525 9045, 15560, 1630-1825 9045, 11615. (WOR/Snyder)

JUST ABOUT EVERYWHERE - Dlxer/publisher Joerg Pflingenfuss managed to do some listening in Somalia, the lucky dog! His logs were too brief to include in the logging section, but here are some of the more interesting frequencies: 3210.5/1827/Maputo, Mozambique; 3330/1830/Comoros; 4780/1745/Djibouti; 4785/0410/Tanzania; 4885/0355/Kenya; 4915/0354/Kenya; 6075/0354/Kenya; 7140/1241/Kenya. Most intriguing was a note that a very strong carrier was evident 24 hours a day on 11640.7, which might be the Hargesa transmitter idling with no modulation present.

Greetings and felicitations from your editor. Your loggings are hereby ordered to report in person to the Africa induction center (address above) by 12 March, 1980. Failure to do so is punishable by law, under the terms of the ECPA (Electronic Communications Privacy Act). That, and I promise all direct contributors a coolie.

73, al



ASIA/OCEANIA

William Westenhover
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Montreal, Quebec, Canada
H2X 2C1

Deadline: 12th
Dates/Times: UTC
Frequencies: KHZ

What a March column! I've never had this many loggings to deal with before! Due to space limitations, I'll have to condense loggings for the most commonly heard stations. Sorry about that!

AUSTRALIA

VL regionals Radio Australia

4920 1110 VLM4 BRISBANE: EE: ABC nx and wx (222 1/24 Wakefield-IA)
5025 2135 VLBK KATHERINE: EE: 60's pop mx; TC; @ 2145 ABC nx abt
murder of anti-drug policeman (pr-fr 1/11 Famularo-JAPAN)
21740nf *2200 RA: EE: Nx and "International Rpt" (354 1/26 Flynn-CA) @ 0004
w/similar px (343 2/3 Thunberg-PA) (Howell-CA) (Valentine-
CA) (ed.)

RA also reported on 5995, 6060, 7215, 9580, 9760, 9770, 15160, 15315, 15380 and 17795 kHz by Brown-IL, Etten-MN, Fraser-MA, Kline-CA, Miller-CA, Neff-FL, Robinson-IN, Wakefield-IA, Wright-MB, Zirkelbach-CA and yours truly.

BANGLADESH

Radio Bangladesh

11510 1900* HB: EE: Nxcast, ending w/noise (332 Bishop-NY)
11705 *1400 RB: ??: Definite RB IS hrd several times but very weak w/co-
channel QRM, so useless (Urdu is listed in this time slot)
(pr-unusable 1/28 Famularo-JAPAN)
15195 1237 RE: EE: ID; W nx/cmt...1259* (333 1/8 Ryan-NY)
17711.2 1248 RB: EE: M tlk abt Afghanistan, ending w/GOS of HB ID...off
1300*; //15195 under VOA-Greenville (232 2/8 Quaglieri-NY)

CHINA

Central People's Bcast Stn Radio Beijing Voice of the Strait Swiss R. International relay

3200 1405 (1) Vots: CC: Classical CC mx (455 1/14 Kunkel-CA)
4250 2231 CPBS-2: CC: western band/orch. mx; heard best in LSB (222
1/15 Levison-PA)
4620 *1300 RE: KK: IS: CC/KK ID's; M/W nx; co-channel ute QRM (fair
1/6 Famularo-JAPAN)
4840 1055 Vots: CC: w/anti-Taiwan tlk (TP @ 1100); Xmas carol/other
mx; @ 1116 clear ID "Heisha zhe Sheng Guangbo Dianta!"; I
believe this is widely mis-ID'd as Heilongjiang! (333 1/6
Burnell-NF) (Jean says the best way to see that this is Vots
is to compare w/Vots //6765. Tnx for the work on this!-ed.)
5030 1432 CPBS-2: EE/CC: EE lesson w/business-oriented vocabulary; hrd
7/7s 4250, 507?, 5163, 6890, 6920, 7770 (352 1/31 Kline-CA)
5040 0950 FUJIAN PBS: CC: Local ID; M/W nx; TP, ID, TC...hrd to 1030*,
when JSY to 2340 (554 1/29 Matsushita-JAPAN) (p) on 5039.9
@ 1027 w/w tlk and CC mx; off abruptly 1030* but back after
1032 (242 1/8 Burnell-NF)
5075 2202 (p)CPBS URUMQI: CC: M tlk in CC (433 1/13 Bishop-NY)
5163 2207 (p)CPBS XIAN: CC: M talking in CC (432 1/13 Bishop-NY)
5900 1127 SICHUAN PBS: ??: Some inst mx/long boring tlks to 1135 fade-
out; lang not CC but "minority" lang, poss. Tibetan (232
1/6 Burnell-NF)
6040 1300 JIANGXI PBS: CC: M ID; JJ lesson //5020; QRM de jamming and
CBS-Taiwan (433 2/2 Matsushita-JAPAN)
6550 *1330 SRI Relay: EE: TP; ID; world nx and "Dateline"; best in LSB
as splatter de 6560 Pyongyang (fair 1/19 Famularo-JAPAN)
6765 1134 Vots: CC: Px of CC vocals w/M host; @ 1200 5+1 TP; M ID and
nx; //5240 wasn't as strong (353 1/14 D'Angelo-PA)
7504 1008 CPBS-1 XIAN: CC: Long interviews; ID @ 1020 and New Year's
messages; more interviews; //6840 was weaker but clear of
utes (322 2/5 Burnell-NF) (More overleaf...)

China continued...

- 7770 1123 CPBS-2 KUNMING: CC: Px of mainly Western pops as instrumentals; M ancr wastes no words! (//11040 s/off 1131*) (253 2/5 Burnell-NF)
- 8007 *1430 CPBS: MONGOLIAN: 6-note IS; PRC anthem; M/W tlks; suffering moderate-liyan ute QRM (pr-fr 1/29 Famularo-JAPAN)
- 9170 1210 (p)CPBS TAIWAN SERVICE: CC: Long W tlk; Western classical mx (333 1/30 Wakefield-IA)
- 9675 1233 RB: CANTONESE: CC trad/Westernized mx w/M/W hosts (except Interview 1245-51); ID's by Beijing's s/off mx w/ 1256* (333 2/9 ed.)
- 9700 1000 RB: EE: Trad mx; tlk of singing birds; "In China, flowers bloom throughout the year" (545 1/20 Robinson-TN)
- 15455 0355 RB: EE: Tail-end of WCNA px w/sk'd and closing mx (444 1/28 Howell-CA)

CYPRUS

Cyprus Bcast Corp BBC relay

- 6030 2211 CBC: GREEK: Nifty guitar IS to 2215; bouzouki-style mx w/ID "Kibris...radiofonikos"; then M tlk; //7180 SIO 343 w/occ ARO QRM (343 1/27 ed.) (This bcast Fri/Sat/Sun only.)
- BBC relay reported in EE on 6180, 7230, 7260, 9580, 15140, 15420 kHz by Brown-IL, Dillon-GREECE, Etten-MN, Wright-MB and yours truly.
(Note: To correct my observation in last month's Cyprus listing; BBC WS on 17885 @ 1816 is via Seychelles, and not Ascension. Sorry!-ed.)

FRENCH POLYNESIA

RFO Tahiti

- 15170 0335 RFO: PF: Simply beautiful island mx (Can't look for DX w/all this mx flooding my ears!) (333 1/10 Levison-PA) on 15171 @ 0434 w/Tahitian mx--just right 'cause it's -43° outside! (222 1/15 Wright-MB) (Etten-MN) (Howell-CA) (Zirkelbach-CA)

GUAM

KTWR KSDA

- 11650nf 2127 KTWR: ??: IS to 2129; anmt/w tlk to 2144; waltz tune; @ 2146 1xIS and W ID "KTWR Agaña"; then lang change? Seems to be Swatow/Hakka px, ex-11965 as listed in '89 WRTH (242 1/27 ed.)
- 15125 0053 KSDA: EE/BURMESE: "Voice of Prophecy" px; @ 0100 ID and into Burmese w/improved signal (fr-gd 1/8 Famularo-JAPAN)

HONG KONG

BBC WS relay reported on 7180, 15280, 17815 and 17875 kHz by Brown-IL, Fisher-MA and yours truly.

INDIA

All India Radio

- 3315 0050 AIR BHOPAL: EE/(p)HINDI: Subcontinent mx; ID's in EE and (p) Hindi ("Akashvani...") including one clear "AIR Bhopal" @ 0125; nx in (p)Hindi @ 0101/EE @ 0130 (232 1/15 Burnell-NF)
- 4775 0145 (t)AIR GAUHATI: ??: Raga-like mx w/weird singing to 0155; W tlk w/unreadable ID on hour/poss. nx (443 1/15 Howell-CA) @ 0152 in unID lang w/M mx (454 1/15 Kunkel-CA) (Are you guys psychic or what?-ed.)
- 4840 0147 AIR BOMBAY: ??: Mx and W tlk; //4850 (233 1/16 Kunkel-CA)
- 4860 0030 AIR DELHI: ??: IS and s/on anmts (355 1/15 Kunkel-CA)
- 7260 0127 AIR BOMBAY: HINDI?: IS to 0130 s/on; then Vividh Bharati px w/mx to 0220 fade; //9535 de Madras (444 1/12 Kunkel-CA) on 7260.1 w/filmi mx and deep-voiced M ancr (hard to follow); ID @ 0155 and more mx to past 0204 (333 1/4 Burnell-NF)
- 9910 1705 AIR: FARSI: Awful Indian mx; @ 1725 Farsi ID; then AA ID and Jur'an (433 1/15 Dillon-GREECE) @ 2105 in EE w/nx, ID and cmty on Sri Lanka (322 1/14 Cichorek-NJ)
- 11620 1946 AIR: EE: Nx abt Bush inauguration; Hindi mx (523 1/21 Trescher -PA) @ 1930 w/tlk abt child health care; into Hindi 1945 (444 1/15 Dillon-GREECE) @ 2125 w/EE tlk abt diseases (434 1/15 Levison-PA) (More psychic A/O DX'ers!-ed.)
- 11810 1328 AIR: EE: IS to 1330; M ID/sk'd; world nx--mixing w/new pest Jordan; //15335 in clear but weak (322 2/8 Quaglieri-NY)
- 11860 1843 AIR: FF: IS; @ 1845 on in FF but audio only intermittently audible; beamed to Africa (232 1/24 Lackmann-VA)
- 11935 1810 AIR: EE: ID; cmty on George Bush (pr-fr 1/21 Famularo-JAPAN)
- 15335 1033 AIR: EE: Tlk abt lcl customs; ID @ 0139 (233 1/15 George-MA)
- 15360 1857 AIR: EE: Weakly hrd after RFI s/off w/AA-style vocals; ID w/ 1900 and lcl nx; best in LSB to avoid RSA-15365; per ILG beamed to Eafr. (222 2/3 Thunberg-PA) @ 1919 w/classical Indian vocals; ID; "Radio Newsreel (fr-gd 1/27 Famularo-JP)

(See what I mean about a crowded month?! Indonesia starts over and up top.)

INDONESIARadio Republik Indonesia

- 3231.8 2226 HRI BUKITTINGGI: IN: Indo mx; drama (?) 2229½-2254½; ID @ 2256; weakening; terrible utes! (222 1/11 Burnell-NF)
- 4002.6 2213 (p)HRI PADANG: IN: Presumed this w/Qur'an and rlg tlks; heavy ute QRM as always! (222 1/11 Burnell-NF)
- 4845 0950 HRI JAKARTA: IN: IN pops; Jakarta ID and nx; fading by 1100 (444 1/27 Miller-CA)
- 4875 0929 HRI SORONG: IN: SCI; W local nx w/local ID's @ 0930, 0937 and 0942 (454 1/29 Matsushita-JAPAN)
- 9680 1417 HRI JAKARTA: IN: M tlk w/strong echo; inst mx; w ID; hrd //s 4775, 7270, 11865 but not 3277 (fr-gd 1/24 Famularo-JAPAN)

ISRAEL

Kol Israel heard on 7465, 9435, 9800, 11588, 11655, 17590 kHz in EE (except 11655 in YIDDISH-FL, 1900 in FARSI) by Bishop-NY, Eten-MN, Fraser-MA, Langlois-FL, Leader-IRELAND, Miller-CA, Neff-FL, Robinson-TN, Valentine-CA, Wakefield-IA, Wright-MB, Zirkelbach-CA and yours truly.

JAPANRadio Japan Nihon SW Bcasting
Radio Canada International relay

- 3925 1054 NSB: JJ: Nearly all boring JJ tlks, except for breaks for ads and quick ID's; //6055 a bit stronger (232 1/14 Burnell-NF)
- 11705 2217 HCI: EE: Ian McFarland w/contest anmt; ID; rpt on Sino-Canadian dinosaur find in China (fr-gd 1/24 Famularo-JAPAN)
- RJ reported on 11815, 11840, 15230, 17825, 17830, 21610 kHz in EE (except 11840 in IN/17830 in JJ) by Cichorek-NJ, Ehly-IA, Kunkel-CA, Wright-MB and Zirkelbach-CA.

JORDANRadio Jordan

- 9560 1930 HJ: EE: "Play of the Week" followed by "Country Hour" mx px @ 2005 (444 1/21 Saarikko-NY) @ 2134 w/light pop songs (e.g. "One Less Bell to Answer") (555 1/9 Leader-IRELAND) (Also reported by seven other contributors--a popular station!-ed.)
- 11810 1316 HJ: AA: Soap opera w/lcl mx between episodes; @ 1330 M ID w/complete sked in AA (333 2/8 Juaglieri-NY)
- 11955 0539 HJ: AA: AA pops/Western instrumentals w/W DJ; @ 0600 TP; M ID and nx in city-item format (344 2/10 ed.) @ 0655 in EE w/pops; tlk abt Islamic cultural center in London; ID; ELWA IS faintly heard underneath (434 1/17 Fisher-MA)

KOREA, D.P.R.Radio Pyongyang

- 9345 1329 RP: EE: W tlk abt Kim Jong-Il; ID and into their patented Stalinist choral mx; //9325 a tad stronger (242 2/12 ed.)
- 11735 1124 RP: EE: Trad KK mx; homily by the Big Guy; //stronger 9977 (333 1/22 Wakefield-IA)
- 11830 0838 RP: EE: Mx; ID and tlk on archaeology (354 1/12 Kline-CA)
- 15115 0002 RP: EE: Usual s/on routine; nx abt reunification (232 1/13 Neff-FL) @ *0000 w/usual Great Leader tlk (454 1/15 Card-HI)
- 15160 2231 RP: KK: M non-stop shouting in clipped KK--like tape being played backwards...2249*; //15115 (444 1/27 ed.)

KOREA, REPUBLIC OFRadio Korea

- 7550 0851 HK: EE: Tlk on future South Korean-Yugoslav cooperation (152 1/12 Kline-CA)
- 9750 1405 HK: EE: Nx; cmty on US-Korean trade (433 1/14 Wright-MB) @ 1445 w/info abt contest (232 1/15 Miller-CA) @ 1400 w/unID AA QRM (444 1/29 Robinson-TN)
- 9870 1605 HK: EE: Nx; tlk abt N. Korean support of Philippine Communists (433 1/18 Zirkelbach-CA)

MALAYSIARadio Television Malaysia Voice of Malaysia

- 4835 1525 RTM KUCHING: MALAY: Lcl pops; KL nx @ 1530; more pops; Qur'an; full ID/NA to s/off 1600* (343 1/15 Sharpe-CA) @ 1522 w/US-style pops in Malay (434 1/28 Miller-CA) (also Kunkel-CA)
- 6025 1544 RTM KUALA LUMPUR: CC: CC pops w/cover version of "Butterfly"; NA @ 1559* (343 1/14 Sharpe-CA) @ 1108 w/M reading nx w/many lcl items (333 2/5 Burnell-NF)
- 15295 1024 VoM: MALAY: W tlk to 1025; IS to *1030 in CC ('89 WRTH in-correctly lists this on 15285) (242 1/30 Lackmann-VA) @ 1219 in CC w/inst mx; ID's (incl. EE) @ 1229½; then into (p) Malay (433 1/14 Burnell-NF) @ 0810 in EE w/pops and M tlk; IS 0825-*0830 in CC (242 1/17 George-MA)

(Which will run out first--loggings or page allocation? Wait and see...)

NEPAL

5005 1205 (t)RN: NEPALI?: Long lcl song w/strange xylophones; @ 1215 TP and (p)ID, but no clear copy (211 1/21 George-MA) @ 1645 w/subcontinent mx/songs; ads incl one in EE for Coca-Cola; //3230 (fair 1/21 Famularo-JAPAN)

Radio NepalNEW ZEALAND

RNZI logged on 9850, 11780 and 17705 kHz by Etten-MN, Kline-CA, Matsushita-JP, Robinson-TN and Zirkelbach-CA.

OMANRadio Oman

6085 *0159 HO: AA: S/on w/anthem and M ID (344 1/30 Kunkel-CA)
11890 1900 RO: AA: Big Ben chimes; ID and nx; @ 1920 into drama (333 1/15 Fisher-MA) @ 1850 w/AA inst mx; Big Ben chimes and gongs for 11:00; nx (343 1/21 George-MA)

PAKISTANRadio Pakistan

4878.8 0144 RP: (p)URDU: Qur'an/rlg tlks; nx @ 0205; site listed as Quetta; //5089.8 Islamabad till 0210½ when px separated (232 1/14 Burnell-NF) (also Kunkel-CA on 1/17)
4980 0140 RP: (p)URDU: Qur'an/rlg tlks; @ 0200 TP/nx; //5089.8 Islamabad but not // @ 0216 recheck (322 1/14 Burnell-NF) @ 0100 //5090, though 4980 listed as Azad Kashmir frq (455 1/18 Kunkel-CA)
21595 *1015 RP: IN: IS; W s/on anmts; M Qur'an; co-channel QRM de Spain (fr-pr 1/29 Famularo-JAPAN)

PAPUA NEW GUINEA

3385 1214 (p)R. EAST NEW BRITAIN: PD?: Mx--some Polynesian style, some percussion/chants; no ID hrd (242 2/1 George-NC)
4890 1923 NBC PORT MORESBY: EE: Same fife/drum mx 1923-1951!; M "Good Morning"/ment upcoming 6:00 nx; Alvin and the Chipmunks sing "Good Morning to You"; ID/TP/nx @ 2200 (fr-gd 1/13 Famularo)

PHILIPPINESRadio Veritas Asia Far East Bcast Corp

9605 1000 RVA: CC: Hrd under dominant WYFR in FP; @ 1100 IS and M tlk in CC (222 1/17 Lackmann-VA)
9650 1130 RVA: KK: Mass in KK; EE ID/anmts and IS @ 1153-1154 (232 1/22 Lackmann-VA)
11995 *0900 FEBC: EE/IN: M EE ID's; into W IN tlk (gd 1/22 Famularo-JP)
15462 1505 RVA: EE: w tlk on "information explosion"; ID @ 1510; hrd last month on 15460 (343 1/21 George-MA)

SINGAPOREBBC relay Singapore Bcast Corp

9740 1634 BBC: EE: Tlk re new type of coal furnace (222 1/6 Janusz-NJ)
11940 1555 SBC: EE: Piano mx; @ 1600 "It's midnight" and 3 mins. "Nx in brief"; skeds; anthem; 1605* (433 1/25 Zirkelbach-CA)
11955 1234 BBC: CC: Disco mx px w/W DJ; M closing anmts; 1244* (343 1/22 Matsushita-JAPAN)
15360 2356 BBC: EE: Bow Bells IS to 2359; ID "from the Far Eastern Relay Station"; into "Newsdesk" @ 0000 (232 1/25 ed.)

SOLOMON ISLANDSSolomon Islands Bcast Corp

5020 1903 SIBC: EE: "Good Morning Solomon Islands" hrd at t/1; px lineup; TC for 6:05; mix of pops/Bible/ads (fr-gd 1/13 Famularo)
9545 0739 SIBC: EE: Clear ID and lcl nx items; QRM de Dv and very heavy QSB (221 1/19 Etten-MN)

SRI LANKASri Lanka Bcast Corp VOA relay Dw relay

9720 1645 SLBC: EE: Top hits of 1988; TP's/ID @ 1700; then nx (222 1/2 Cichorek-NJ) @ 1555 w/Salvation Army px to 1615; then mx; //6005 SIO 244 (!-ed.) (344 1/20 Kunkel-CA) @ 1532 w/M ancr and old/new pops; lcl TC's; ID @ 1543 (243 2/5 Burnell-NF)
11835 1049 SIBC: EE: M nx; ID/anmt of (unhrd) //s 15120/17850; EEL mx to 1100; "Newsletter from Sri Lanka" (343 1/30 Lackmann-VA)
15250 0116 VOA: EE: Current affairs rpts on Afghanistan/Gulf War prisoners (333 1/23 Brown-IL) @ 0100 w/"VOA Monday Morning" (232 1/15 Fisher-MA)
17715 1126 DW: JJ: "Musik Garten" w/songs from Carnival '89 in Cologne; preview of tomorrow's px/anmts; EE site ID @ 1150* (343 2/4 Matsushita-JAPAN)

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(By the way, there were reports of 184 different frqs this month. Last month's well-filled column only listed 104 in print. whew!)

voice of Free China Voice of Asia
Central Broadcast System

7130 *1100 VOFC: JJ: ROC NA; ID; Taipei wx w/high of 19⁰; into nx
(good 1/22 Famularo-JAPAN)
7445 1134 VoA: EE: Pop mx w/M DJ; CC lesson; request for Valentines'
Day messages; into IN @ 1200 (333 1/30 George-NC)
11745 1302 VOFC: KK: ROC NA; W anmt; nx fanfare (same as CC boasts) and
M nx beginning w/"Taipei imnida" (243 2/9 ed.)
11775 1810 (t)CBJ-2: CC: M long tlk; CC mx; W monologue; CC opera/
martial mx; (t) ID @ 1900 and (p)nx (322 1/15 Dillon-GREECE)
(Note: VOFC on 9680 @ *0200 in EE is via WFR.)

THAILAND Radio Thailand

9655 1128 RF: EE: IS and into EE @ 1130, but not really readable until
"External Service of R. Thailand" @ 1157; clear ID @ 1200;
intermittent woodpecker QRM (232 1/18 Lackmann-VA)

TURKEY

Voice of Turkey logged on 6120 (in Azeri), 9445 (in EE) and
9825 (in FF) by Brown-IL, Kunkel-CA, Leader-IRELAND, Neff-FL,
Wright-MB, Zirkelbach-CA and yours truly.

UNITED ARAB EMIRATES

Voice of UAE Abu Dhabi UAE Radio Dubai

9595 *2200 VOUAE: EE: ID; Qur'an; nx headlines (544 1/1 Card-RI)
11730 2016 RD: AA: AA mx; ments "Arabiyya" (533 1/21 Trescher-PA)
11940 0328 RD: EE: M ID; area nx/lcl wx; Extreme QRM and long period
fading (432 1/22 Etten-MN) @ 0345 w/M/W tlk abt irriga-
tion plans in Iraq (433 1/24 Valentine-CA)
11965 2306 VOUAE: EE: Nx; ID; tlk on Arab Palestine (443 1/14 Neff-FL) @
2317 w/ID and px "Human Rights in Focus" (252 1/27 Kline-CA)
@ 2305 w/w--sounded just like R. RSA's Kathy Fitch-hi!--read-
ing lcl nx/editorials; ID @ 2319 (333 2/11 ed.)
17775 0329 RD: EE: Usual canned s/on routine; M nx; hrd all //s--9640,
11940, 15435--but this frq best (433 2/11 ed.)
21515 0233 VOUAE: AA: Qur'an to 0245, M/W tlk; 25900 was too weak to de-
termine if it were // (pr-fr 1/12 Famularo-JAPAN)
21605 1330 RD: EE: Nx and wx; px "Through Western Eyes" on travellers'
views of MidEast (444 1/14 Wright-MB)
21735 1415 VOUAE: AA: Comments on Soviet-Arab relations; AA mx; telephone
call; ID (444 1/8 Dillon-GREECE) @ 0505 w/M tlk; lots of
MidEast mx/songs; @ 0530 1 loud clock chime; W ID and nx
(fair 1/29 Famularo-JAPAN)

VIETNAM

Voice of Vietnam

6253 1144 (t) LAI CHAU: VV?: Indochinese "country-opera"-style vocal;
M/W tlks; could only hear enough to determine that lang was
VV or closely-related lang; weak signal/slight ute QRM also
present (unusable-poor 1/29 Famularo-JAPAN)
9839.9 *1300 VOV: FF: Theme mx/opening anmts giving times of FF xmsns; M
tlk abt "les droits de l'homme"; lcl mx and more tlk (242
2/2 Lackmann-VA) on 9840 w/nx rpts in "revue de la semaine";
EE px 1330-1345 w/nx, rpts and VV mx; clear signal! (253
1/14 Burnell-NF)
10010 1605 VOV: CC/EE: (p) nx in CC; EE 1615-1628 w/M nx and interview
w/Rajiv Gandhi; readable only on high side (10012-10013)
(322 1/24 Sharpe-CA)

CLANDESTINE

6325 1251 VO the Khmer: Cambodian: lcl SEAsian-style mx; brief w anmt
@ 1300 followed by M/w tlks mentioning Kampuchea (poor-fair
1/5 Famularo-JAPAN) (This may be transmitted from Kunming,
in China-ed.)

Room for one DX tip this month: K. Ulan Bator started JJ px on
1/20/1989. Sked is 1200-1230 and 2210-2240 Tuesdays/Fridays only on 9615
and 12015 kHz. ID is "Kochirawa Uran Batoru Hosokyoku desu." (This from
Feb. 1989 SW DX GUIDE of JSWC, via Matsushita-JAPAN. Thanks for this!-ed.)

Well, we made it through this column; wonder what next month's got
in store? Thanks to all contributors for this blizzard of loggings, and a
special welcome to R. Kunkel-CA, Larry Saarikko-NY and Bryan Sharpe-CA on
their first visits to A/O-land. Come on back next month, everybody! No
visas required!

73-Bill

QSL REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

AFRICA

- BURKINA FASO / R Nationale: 4815 f/d form ltr w/ sked in 68.ds for a PF rpt, tape & \$1. (Cichorek-NJ).
- CENTRAL AFRICAN REP. / R Centrafrique: 5034 p/d Map cd in 38 ds after 2nd f-up for a Tape, FF rpt & ms. V/S Michel Bata. (George-MA).
- COMORO ISLANDS / R Comores: 3331 f/d pfc w/ form ltr in 32 ds after f-ups for a FF rpt and ms. V/S Antufi Mohamed Bacar. (D'Angelo-PA).
- EQUATORIAL GUINEA / R Africa: 9853 f/d yellow cd in 34 ds for ms. (Kunkel-CA). R Nacional Malabo: 6250 f/d Map cd w/ ltr in 110 ds for a SS rpt & ms. V/S Hermenegildo Moliko Chele. (D'Angelo-PA). n/d ltr in 285 ds for a SS rpt & \$1. V/S Cipriano Somori. (Eckert-PA).
- EGYPT / R Cairo: 9445 f/d Nile cd in 68 ds. (Howell-CA). f/d Cairo cd in 37 ds. (Leader-IRE).
- LIBYA / R Jamaheriya: 15235 f/d form ltr in 68 ds for 2 ircs. V/S Mohamed Sweidan. (Cichorek-NJ). f/d Rainbow cd in 106 ds. (Howell-CA).
- MALI / R Beijing Relay: 9770 f/d cd in 32 ds. (Levison-PA). 11715 f/d cd w/ goodies in 15 ds. (Miller-CA). f/d Statue cd in 31 ds. (Levison-PA).
- MAURETANIA / ORTM: 4845 f/d friendly per. ltr in 30 ds for a FF rpt & \$1. V/S Lemrabbott Boukhary. (Eckert-PA). f/d ltr in 300 ds after 3 f-ups for a FF rpt & 2 ircs. (Eckert-PA).
- NIGER / ORTN: 5020 f/d form ltr in 67 ds after 2nd f-up for a FF rpt & \$1. V/S Yacouba Alwali. (Coday-CA).
- NIGERIA / FRCN Kaduna: 4770 f/d ltr in 26½ mo for \$1. V/S Yusuf Garba. (Kusalik-AB).
- SENEGAL / ORTS: 4890 f/d globe cd in 37 ds for an irc. (Kunkel-CA).
- SEYCHELLES / BBC Relay: 11750 p/d per ltr in 122 ds. V/S Peter J. Loveday (Howell-CA).
- SOUTH AFRICA / Radio RSA: 9580 f/d Durban Beaches cd in 46 ds. (Wright-MB). 9615 f/d Rhino cd in 18 ds. (Miller-CA). 25790 f/d cd in 36 ds. (Levison-PA).
- TOGO / R Togo: 5047 f/d Map-Logo cd in 54 ds for an irc. (Kunkel-CA).

ASIA

- BANGLADESH / R Bangladesh: 11510 f/d Sunset cd w/ goodies in 55 ds for \$1- which never made it all the way!! V/S Taimur Rahman , IDXL Club Sec. (Flynn-CA).
- CHINA / R Beijing: 9690 f/d Statue cd in 23 & 31 ds. (Levison-PA). SRI Relay: 15135 f/d Delemont cd in 16 ds for a tape. (Eckert-PA).
- HONG KONG / RTVHK: 7290 f/d ltr w/ cd in 54 ds for \$1. V/S Phillip Manns (Kusalik-AB).
- INDIA / AIR: 11715 f/d Fort Agra cd in 55 ds. (Leader-IRE).
- INDONESIA / RRI Biak: 5501 f/d friendly per ltr in 32 ds after f-up for an IN rpt & \$1. V/S Mughtar Yushaputera. (Coday-CA).
- ISRAEL / KOL Israel: 7460 f/d Logo cd in 60 ds. (Bishop-NY). 9385 f/d cd w/ forms in 24 ds. (Bishop-NY). 9435 f/d cd in 28 ds. (Brown-IL).
- JAPAN / R Japan: 11800 p/d Towers cd w/ sked in 25 ds. (Leader-IRE). 11870 n/d Computer art cd in 33 ds. (Howell-CA). NHK Sapporo: 3970 f/d warrior cd w/ sked & ltr in 35 ds for \$1. (Kusalik-AB).
- NORTH KOREA / R Pyongyang: 9345 f/d City cd in 4 mo after 22 yrs of trying (Kusalik-AB) ... Bet your glad to get this one, aren't you??...
- OMAN / R Oman: 17770 f/d Folder cd in 102 ds (Howell-CA).
- SOUTH KOREA / R Korea: 15575 f/d Gymnast cd in 34 ds. (Bishop-NY).
- SRI LANKA / DW Relay: 6170 f/d Relay cd w/ goodies in 2 mo. (Kusalik-AB). 7200 f/d cd w/ goodies in 2 mo. (Kusalik-AB),

- /TURKEY/ VoT: 9445 f/d cd w/ mucho goodies in 39 ds. (Janusz-NJ). f/d Treasures cd w/ goodies in 43 ds. (Leader-IRE).
- /U.A.E./ R Dubai: 15435 & 21605 f/d Map cd w/ pennant in 14 & 17 ds. (Brown-IL). Voice of UAE: 13605 n/d folder cd w/ sked in 36 ds. V/S Ahmed A. Shouly. (Flynn-CA). f/d folder cd w/ sked in 32 ds for an irc. (Kunkel-CA).
- /YEMEN DPR/ DPBS Aden: 6005 f/d cds w/ ltr in 104 ds for 2 ircs. (Kusalik-AB). 7190 f/d cd w/ ltr in 104 ds for 2 ircs. V/S Ali Ein Ali Muhsin. (Kusalik-AB).

EUROPE

- /AUSTRIA/ RAI: 9875 f/d Gall Valley cd in 31 ds. (Miller-CA). f/d Slazburg cd in 74 ds. (Bishop-NY).
- /BELGIUM/ BRT: 1512 f/d Centre cd in 45 ds. (Leader-IRE). 9925 f/d cd w/ book & map in 47 ds. (Levison-PA). f/d cd in ?? ds. (Card-RI). 9925 & 21810 f/d School cd in 26 ds. (Miller-CA). 21810 f/d cd & goodies in 28 ds. (Miller-CA). RTBF: 21460 f/d cd w/ sticker & sked in 16 ds. (Cole-CO).
- /BULGARIA/ R Sofia: 7115 f/d Studio cd w/ mags in 210 ds. (Howell-CA). f/d cd w/ sked in 360 ds. (Miller-CA).
- /CZECHOSLOVAKIA/ R Prague: 11990 f/d Castle cd in 50 ds. (Levison-PA).
- /GERMAN DEM REP./ RBI: 11785 f/d Montage cd in 61 ds. (Levison-PA).
- /GERMAN FED. REP./ R Liberty: 6170 f/d ltr w/ sked in 14 ds. V/S Sydney Sandler. (Kusalik-AB). 7245, 11915 & 11925 f/d ltr w/ sked in 14 ds (Kusalik-AB). R Bremen: 6190 f/d Antenna cd w/ goodies in 65 ds for \$1. (George-NC). Südwestfunk: 7265 p/d Globe cd in 82 ds for ms. V/S J.V. Krank. (George-MA). f/d cd in 134 ds for a tape & 2 ircs. (Cichorek-NJ).
- /HUNGARY/ R Budapest: 9835 f/d Parliament Building cd w/ goodies in 53 ds. (Gerstner-NY). f/d Costumes cd in 76 ds. (Trescher-PA).
- /ITALY/ RAI: 9575 f/d Painting cd in 70 ds for 2 ircs. (Cichorek-NJ). ANR Forli: 7257.5 f/d Map cd w/ ltr in 92 ds for 2 ircs. V/S Gerlinde Cirillo. (Flynn-CA).
- /MALTA/ Voice of Mediterranean: 9765 f/d cd in 48 ds for \$1. (Cichorek-NJ). f/d Harbor cd in 65 ds. (D'Angelo-PA).
- /MONACO/ TWR: 7105 f/d Map cd in 27 ds for an irc. (Kunkel-CA). 1467 f/d cd in 39 ds. (Leader-IRE).
- /NETHERLANDS/ R Nederland: 9715 f/d Amsterdam cd w/ stickers in 43 ds. (Leader-IRE).
- /NORWAY/ RNI: 15310 f/d Skiers cd in 20 ds. (Miller-CA).
- /PORTUGAL/ RDP: 9705 f/d Ship-Map cd w/ sticker in 49 ds. (Gerstner-NY). f/d cd w/ sticker & sked in 58 ds. (Etten-MN). f/d cd in 153 ds for an irc. (Saarikko-NY)...I'm sure glad to see them come out with a new card; the old white one was, well not the best! Actually they came out with this one in the early Fall- letters of encouragement would be a good idea; let them know if you like it! (This goes for all the stations too).
- /SPAIN/ R Liberty: 11770 & 11885 f/d ltr in 14 ds. V/S Sydney Sandler. (Kusalik-AB).
- /SWEDEN/ RSI: 11705 f/d Anniversary cd in 21 ds. (Brown-IL).
- /SWITZERLAND/ SRI: 9725 f/d Dele'mont cd in 21 ds. (Brown-IL). 21630 f/d Chateau cd in 26 ds. (Levison-PA). ICRC: 6135 f/d Logo cd w/ sticker & sked in 54 ds. (Levison-PA). R Beijing Relay: 3985 f/d Tai Ho Hall cd w/ goodies in 38 ds. (Gerstner-NY).
- /VATICAN CITY/ R Vaticana: 9605 f/d Antenna cd in 62 ds. (Gerstner-NY).
- /YUGOSLAVIA/ R Yugoslavia: 9660 f/d Scene cd w/ pennant in 36 ds for \$1. (Cole-CO).

U.S.S.R.

- R Kiev: 11790 f/d Monument cd w/ goodies in 152 ds. (Levison-PA). 13645 f/d Museum cd w/ goodies in 92 ds. (Levison-PA). 15445 f/d University cd w/ goodies in 70 ds. (Levison-PA).
- R Magadan: 7320 f/d cd via Moscow. V/S Tanya Stukova. (Cichorek-NJ).

Alot more to come from thr USSR....

R Moscow: 7215 Vinnitsa; 9765 Lvov; 11980 Bbilisi f/d cds in 60 ds. (Lvans-TN). 11705 Moscow f/d cd w/ books in 44 ds. (Leader-IRE). 15140 Ryazan; 17860 Chita f/d cds in 56 & 58 ds. (Wright-MB). 17570 Khabarovsk f/d cd in 59 ds. (Flynn-CA). 7115 f/d cd in ?? ds. (Levison-PA). 9765 Lvov; 17605, 17720 & 21530 Petropavlosk-Kamchatsky f/d cds in 32 & 41 ds. (Weber-OH). 9840 Novosibirsk; 15590 Kenga; 15540 Ryazan; 15530 Serpukhov; 17645 Armavir; 17665 Tula; 15420 & 15560 Zhigul'yovsk; 21725 Tbilisi; 4795 & 4860 Kharkov; 7230 & 17820 Kiev; 5580, 15475 & 17810 Simferopol; 7150 Lvov; 7115 Ivano-Frankovsk; 17565 Vinnitsa f/d cds in 50 ds. (D'Angelo-PA).

R Peace & Progress: 11980 Tbilisi f/d cd w/ goodies in 160 ds for a SS rpt. (Eckert-PA).

R Riga: 5935 f/d Cake cd in 42 ds. V/S Lena Bojantsela. (Eckert-PA).

R Rodina: 15455 Petropavlosk-Kamchatsky f/d cd in 41 ds. (Weber-OH).

R Yerevan: 13645 f/d Plain cd in 84 ds. (Levison-PA).

NORTH AMERICA

CANADA CFRX: 6070 p/d Plane cd in 251 ds for an irc. V/S Ron Hopkins, (Wright-MB). f/d cd in 277 ds for ms. (Saarikko-NY). CKFX: 6080 f/d Super Country cd in 12 ds after f-up. V/S Trish Farina. (Weber-OH). R Japan Relay: 5960 n/d Towers cd in 35 ds. (Bishop-NY).

CUBA R Rebelde: 5025 p/d ltr w/ cd, pennant & sticker in 82 ds for a SS rpt & 2 ircs. V/S Jorge Zabala. (Pagano-DC). R Moscow Relay: 6045 f/d cd in 50 ds. (D'Angelo-PA).

MEXICO La U de Veracruz: 6020 f/d pfc w/ ltr & pennant in 43 ds for a SS rpt & \$1. (Kusalik-AB). f/d pfc w/ ltr, postcard & pennant in 51 ds for a SS rpt & \$1. V/S Ing. Baltazar Pazos de la Torre. (PA-D'Angelo). La Hora del Observatorio: 9555 f/d pfc w/ ltr & 20 stickers in 56 ds for a SS rpt & \$1. V/S Irene Moreno Cobar. (Kusalik-AB).

U.S.A. KUSW: 11695 f/d Mountains-Logo cd w/ sticker in 39 ds. (Wright-MB). KVOH: 17775 f/d Studio cd w/ sked & ltr in 93 ds for \$1. (George-NC). VoFC Relay: 5985 f/d Parade Float cd w/ goodies in 41 ds. (Levison-PA). 11740 f/d cd w/ sticker & diary in 32 ds. (Levison-PA). WCSN: 9870 n/d Boston cd in 85 ds for \$1. (George-NC).

OCEANIA

AUSTRALIA R Australia: 9580 f/d Koala cd w/ goodies in 58 ds. (Gerstner-NY). VLW15: 15425 f/d Map cd in 53 ds for an irc. (Eten-MN).

FRENCH POLYNESIA RFO: 15170 f/d Butterfly cd w/ sked & map in 87 ds for a FF rpt & 2 ircs. (Cichorek-NJ).

SOUTH AMERICA

BRAZIL SRI Relay: 17730 f/d Dele'mont cd in 25 ds. (Brown-IL). R Cancao Nova: 4825 p/d ltr in 106 ds for a PP rpt & ms. V/S Wellington Silva Jardim. (D'Angelo-PA).

ECUADOR HCJB: 9720 & 15155 f/d Street Scene cd in 21 ds. (Brown-IL). 15270 & 17790 f/d cd in 28 ds for ms. (Gerstner-NY). SPEEDX Report: 11775 f/d Logo cd in 6 mo for ms. V/S Bob Thunberg. (Janusz-NJ). 15155 f/d cd in 7 1/2 mo for a SASE. (Westenhaver-QU).

VENEZUELA La Voz de Carabobo: 4780 f/d cd in 29 ds after 4th f-up for a SS rpt & \$1. V/S Tamara Moralieros. (Flynn-CA).

UTILITIES

ARGENTINA LOL: 10000 p/d folder cd in 85 ds for an irc. (O'Connor-NH).

GREAT BRITAIN GNI: 3517 p/d cd in 13 ds for a mailing label & ms. V/S Mike Peat. (George-MA).

ICELAND TFA: 16909.7 f/d Scenes cd in 99 ds for an irc. V/S Aucbur Arnclás. (Gerstner-NY).

NETHERLANDS ANTILLES PJC: 13042.5 f/d Emblem cd in 44 ds for ms. This after a f-up. V/S S. Sprock. (George-MA).

U.S.A. CKK: 365 f/d pfc in 17 ds for ms. (O'Connor-NH). AVI: 375 f/d pfc in 15 ds for ms. (O'Connor-NH). NEL: 396 f/d pfc in 13 ds for ms. (O'Connor-NH). NNNØNBL: 14441.5 f/d pfc in 23 ds for ms. (O'Connor-NH).

...You can find more Utes with a flip of the page!....

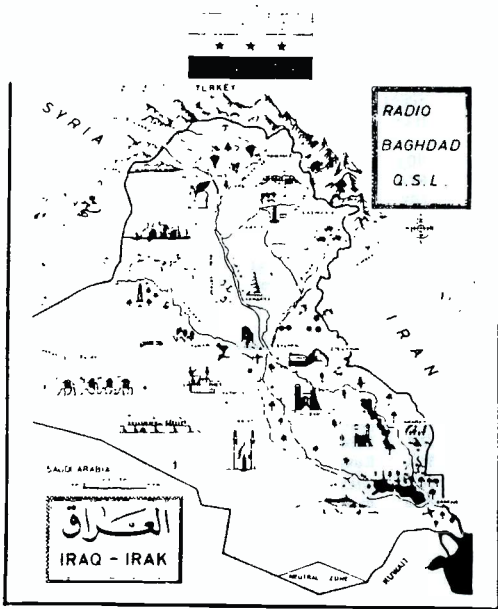
AIRCRAFT N130L: 8846 f/d pfc in 6 ds for ms. (O'Connor-NH). Teal 22: 8993 f/d pfc in 15 ds for ms. V/S Michael W. Cloutre. (Gerstner-NY).
SHIPS KNDL: 500 f/d pfc in 27 ds for ms. (O'Connor-NH). VPRU: 8291.1 f/d pfc in 18 ds after f-up for ms. (O'Connor-NH). KIYN: 12498.5 f/d pfc in 21 ds for ms. V/S C.W. Gills. (Gerstner-NY). KAXP: 12498.5 f/d pfc in 29 ds for ms. (Gerstner-NY). NNNOCWW: 14441.5 f/d pfc in 24 ds for ms. V/S R.H. Denison. (Gerstner-NY). NNNOCVD: 14467 f/d pfc w/ photo & ltr in 22 ds for ms. V/S P. McCarthy. (NY-Gerstner). GYEJ: 16463.1 f/d pfc in 25 ds for an irc- which was returned. (O'Connor-NH). ZCAC6: 16463.1 f/d pfc in 58 ds for an irc. (O'Connor-NH). VPHL: 16463.1 f/d pfc in 58 ds for an irc. (O'Connor-NH). GWAP: 16463.1 f/d pfc in 195 ds for ms. (O'Connor-NH). WEHV: 16587.1 f/d pfc in 31 ds for ms. (Gerstner-NY). WBYV: 22124 f/d pfc w/ calendar in 15 ds for ms. (Gerstner-NY).

CLANDESTINES & PIRATES

WENJ: 6240 f/d cd in 4 ds, stating power as 40 watts. V/S Jack Beane. (D'Angelo-PA).
WMR via R Caroline: 6215 f/d pfc w/ ltr & target map in 63 ds for \$1. V/S G. Stanley. (Kusalik-AB).
Voice of the Khmer: 6235 f/d ltr w/ cd & info in 52 ds for \$1. (Kusalik-AB).

73 & best to all,

Ray



RADIO BAGHDAD transmits 37 hours daily.
 Programmes in nine languages: Arabic, Kurdish, Turkish, Turcoman, Persian, Urdu, English, French, German.
 Three medium wave programmes 222, 330 and 362 meterband.
 Nine short wave programmes 19, 29, 31, 41, 48, (2) 49, 75, 92 meterband.
RADIO BAGHDAD sendet täglich 37 Stunden.
 Programme in neun Sprachen: Arabisch, Kurdisch, Türkisch, Turkmenisch, Persisch, Urdu, Englisch, Französisch, Deutsch.
 Drei Mittelwellenprogramme im 222, 330, 362 Meterband.
 Neun Kurzwellenprogramme im 19, 29, 31, 41, 48, (2) 49, 75, 92. Meterband.
RADIO BAGHDAD émet nos programmes en neuf langues 37 heures par jour:
 Arabe, Kurde, Turque, Turcomane, Urdu, Persane, Anglaise, Française, Allemande.
 Programmes sur trois ondes moyennes 222, 330, et 362 band metre.
 Programmes sur neuf ondes courtes: 19, 29, 31, 41, 48, (2) 49, 75, 92, bande metre

Utility Scene

Editor: Paul Lannuier, N2HIE
25 Mac Arthur Avenue, Closter, New Jersey 07624

Fixed Coastal and Naval Stations

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
4223.5	CW	Malta	9HD	Malta Radio	2139	V marker	Conway-UK
4232.5	CW	Hong Kong	VPS8	Hong Kong Radio	2146	"DE VPS" marker	Conway-UK
4253.5	CW	Saudi Arabia	HZG	Dammam Radio	2019	"DE HZG" marker	Conway-UK
4267.0	CW	France	FUE	Brest Naval	0610	V marker	Berri-CA
4277.0	CW	West Germany	DHJ59	Willemshavn	2141	V marker. New frequency?	Conway-UK
4295.0	CW	France	HWN	Paris-Huilles Naval	2105	V marker. New frequency?	Conway-UK
4299.0	CW	Kuwait	9KK2	Kuwait Radio	1931	CQ marker	Conway-UK
4308.0	CW	South Korea	HLC	Seoul Radio	2156	V marker	Conway-UK
4313.0	CW	Singapore	9VG33	Singapore Radio	2103	CQ marker	Conway-UK
4314.0	CW	Bulgaria	LZW2	Varna Radio	2105	CQ & t/c list	Conway-UK
4330.0	CW	USSR	UXN	Arkhangelsk Radio	2055	Manual t/c & DE marker	Conway-UK
4340.0	CW	China	XSQ	Guangzhou Radio	2112	CQ marker	Conway-UK
4343.0	RTTY	USA	WLO	Mobile Radio, AL	0350	FEC: NWS wx summary	Agner-MD
4607.3	RTTY	Spain	78YLQ	Tarifa Naval	0740	850/75 : Spanish Navy w/RYRYRY & DE	Lannuier-NJ
5320.0	USB	USA	NOY8	Corpus Christi, TX	0805	USCG. Wkg USCGC CHINCOTEAGUE, diverted to assist ship	Symington-OH
6228.0	CW	Belgium	OST32	Ostend Radio	0220	V marker	Hawkins-TX
6409.5	CW	Italy	IAR9	Rome Radio	0205	V marker	Hawkins-TX
6470.5	CW	Jamaica	6Y1	Kingston Radio	0230	Odd 'chlrpy' signal. CQ marker	Hawkins-TX
6980.5	RTTY	USSR?	UBE2	unknown	2145	425/50N: "RYRYRY DE UBE-2	Kuroda-JP
8473.0	CW	Qatar	A7D	Doha Radio	0250	DE marker	Flynn-CA
8483.5	CW	West Germany	DAN	Norddeich Radio	0720	DE marker	Hawkins-TX
8529.0	CW	Singapore	9VG	Singapore Radio	1830	CQ tape & t/c list	Flynn-CA
8557.0	CW	Poland	SPE41	Szechin Radio	0837	V marker	Rocker-MS
8616.0	CW	Hungary	HAR	Budapest Naval	0833	Hungarian Navy. V marker. t/c list	Rocker-MS
8628.5	CW	Alaska	NOJ	COMMSTA Kodiak, AK	0831	USCG. Long CQ marker	Rocker-MS
8690.0	CW	Senegal	6VA	Dakar Radio	0820	Slow CQ marker. Much QRM	Rocker-MS
12663.0	CW	Chile	CBV	Valparaiso Radio	0108	CQ marker	Rocker-MS
12678.0	CW	Malaysia	9MG3	Penang Radio	0110	Long CQ marker	Rocker-MS
12792.0	CW	Cuba	CLA31	Havana Radio	0123	CQ/DE/QSX marker	Berri-CA
12886.5	RTTY	USA	WLO	Mobile Radio, AL	2352	FEC: Wx & ID	Blair-CA
12887.5	CW	Spain	EAD44	Aranjuez Radio	0115	DE/QSX marker	Berri-CA
12938.0	CW	Bulgaria	LZW	Varna Radio	1840	DE marker	Flynn-CA
12979.5	CW	Brazil	PPL	Belem Radio	0125	V marker	Hawkins-TX
13077.5	RTTY	USA	KPH	San Francisco Radio, CA	0045	ARQ: Wx forecast	Hawkins-TX
13085.0	RTTY	England	GKP5	Portishead Radio	1540	ARQ: T/c to GBFB	Blair-CA
14722.0	RTTY	Congo	TNL77	Brazzaville	2119	425/50: "DE TNL TESTING	Conway-UK
16870.5	CW	Philippines	DZJ	Bulacan-Manila Radio	1329	CQ marker	Conway-UK
16871.3	CW	USA	KLC	Galveston Radio	1340	CQ marker	Conway-UK
16884.0	CW	Cyprus	5BA	Cyprus Radio	1344	CQ marker	Conway-UK
16895.0	CW	Kuwait	9KK	Kuwait Radio	1347	CQ marker. New frequency?	Conway-UK
16912.0	CW	Egypt	SUH5	Alexandria Radio	1354	V marker	Conway-UK
17003.9	CW	Colombia	HKB	Barraquilla Radio	2005	CQ marker	Conway-UK
17239.1	USB	Cyprus	5BA62	Nicosia Radio	1514	Voice marker in EE/GK	O Connor-NH

Fixed Aeronautical Stations

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
5535.0	USB	England		London	0250	British Airways LDQC wkg wkg several SPEEDBIRD a/c (Concordes)	Agner-MD
5690.0	USB	West Germany	DHM95	Lahr Military	0616	Canadian Forces. Wx for W.German bases	Symington-OH
5692.0	USB	USA	NOT	COMMSTA Traverse City, MI	1215	USCG. Wkg COAST GUARD	1469
6760.0	USB	England		Plymouth Rescue	0105	Wkg RESCUE 54 & 56 w/SAR air mission t/c. (RAF Architect [req.]	Battles-NH
8903.0	USB	Gabon	TRK	Libreville	0414	ICAO AFI-4 area Wkg AGC 812	O Connor-NH
8903.0	USB	Ghana	9GC	Accra	0418	ICAO AFI-4 area Cig SPRINGBOK 272	O Connor-NH

11205.0	USB	Canada	CZW	Halifax Military	1607	RCAF. Cig CANFORCE 105	Battles-NH
11233.0	USB	West Germany	VEG	Lahr Military	1916	RCAF. Wkg Trenton Military.	Battles-NH
11249.0	USB	Canada	CZW	Halifax Military	2001	RCAF EAM-type broadcast	Battles-NH
11300.0	USB	Sudan	STK	Khartoum	2055	ICAO AFI-3 area. Wkg AIR FRANCE 272	O Connor-NH
11300.0	USB	Egypt	..	Cairo	0150	ICAO AFI-3 area Wkg MAURITIUS 031	Rocker-MS
11300.0	USB	Ethiopia	..	Addis Ababa	0158	ICAO AFI 3 area Relating AIR FRANCE 460 to Khartoum	Rocker-MS
13247.0	USB	USA	....	Ft. McCoy, WI	2010	USAF. Cig Andrews AFB, MD.	Battles-NH
14788.0	RTTY	Zaire	9PL	Kinshasa	2230	425/50N RYRYRY..TEST DE ZAIRE CENTRE	Kuroda-JP
18002.0	USB	USA	AFI	McClellan AFB, CA	2330	USAF GCCS. Wkg MATS flights	Flynn-CA
18002.0	USB	Hawaii	AGA	Hickham AFB, HI	2040	USAF GCCS. Phone patch for MATS F/T*02	Flynn-CA
18019.0	USB	USA	....	Camp Lejune, NC	1939	USN/USMC. Cig MacDill for radio check (on USAF freq.)	Battles-NH
23402.5	USB	USA	'Atlas	Washington, DC	0100	US Customs. Wkg FLINT 620 aircraft	Battles-NH

Other Fixed Stations

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
4022.0	CW	USA	WHY912	Mt. Weather, VA	0805	FEMA VIP Relocation Site w/5 letter tlc	Symington-OH
4482.0	RTTY	China	BJZ25	Hangzhou	1231	400/50N. Coded meteo	Blair-CA
5097.0	RTTY	Japan	JAB35	Tokyo	1350	425/50R: Ji Ji Nx in EE	Kuroda-JP
5240.0	RTTY	Yugoslavia	40C2	Belgrade	0310	400/50R: TANJUG nx in EE	Agner-MD
6676.0	USB	Australia	VLS	Sydney Volmet, NSW	0830	Wx info	Symington-OH
6679.0	USB	New Zealand	....	Auckland Volmet	0821	Wx info	Symington-OH
6815.0	RTTY	China	BAL34	Beijing	1437	425/50R: RYRYRY & ID	Blair-CA
6848.0	RTTY	Hawaii	....	Hickham AFB	1153	850/75R. Coded meteo. 'PHWR' identifier.	Blair-CA
6858.0	RTTY	Kuwait	9KT25	Safat	1526	300/50R: KUNA nx in EE	Blair-CA
7585.0	RTTY	Senegal	6VY41	Dakar	0524	800/50N: Coded meteo	Blair-CA
7845.0	RTTY	Poland	SOH284	Warsaw	0045	425/50N: PAP nx. RYRYRY	Agner-MD
7863.0	RTTY	China	BJZ21	Hangzhou	1255	425/50R: Coded meteo	Blair-CA
7972.0	RTTY	Vietnam	XVH70	Hanoi	1541	425/50R: Coded meteo	Blair-CA
8085.0	RTTY	USSR	RVL21	Khabarovsk	0125	425/50N: Coded meteo	Blair-CA
8175.0	RTTY	Japan	JAE58	Tokyo	1221	850/50R: KYODO nx in EE	Blair-CA
9187.5	RTTY	New Caledonia	FZL91	Noumea	0538	350/50N: DIPLO nx in FF	Blair-CA
9328.0	RTTY	Vietnam	XVN26	Hanoi	1544	470/50R: VNA nx in EE	Blair-CA
10536.0	RTTY	Canada	CFH	Halifax, NS	0155	425/75R: Wx forecast	Hawkins-TX
10895.0	RTTY	Argentina	LRB39	Buenos Aires	2150	850/50N: SAPORITI Nx in SS	Kuroda-JP
11013.8	RTTY	Argentina	LRN	Buenos Aires	0105	850/75N: DyN nx in SS	Agner-MD
11073.5	USB	USA	'Slingshot'	Miami, FL	1529	US Customs aircraft coordinating center. Wkg 'Checker 46.'	Battles-NH
11402.0	RTTY	Japan	NNN0M0F	Okinawa	1502	170/75R: USMC MARS. Personal msgs to US citizens	Kuroda-JP
11423.5	RTTY	Poland	SOL242B	Warsaw	1449	FEC: PAP nx in Polish	Blair-CA
11494.0	RTTY	Poland	SOL249	Warsaw	1458	350/50R: RYRYRY & callsign	Blair-CA
11683.4	RTTY	Canada	CYS22	Ottawa, Ont.	0000	170/75R: Polish Embassy w/encrypted tlc	Flynn-CA
12070.0	RTTY	Japan	JAL32	Tokyo	0549	850/50R: KYODO nx in EE	Blair-CA
12156.0	RTTY	Libya	5A062	Tripoli	1800	425/50N: JANA nx in EE w/nx abt 6th Fleet incident	Agner-MD
13600.0	RTTY	China	BBE23	Shanghai	1328	425/50R: Wkg Rangoon, Burma	Kuroda-JP
14362.0	RTTY	Poland	S00236	Warsaw	1210	425/50N: PAP nx in Polish	Kuroda-JP
14418.0	RTTY	Kuwait	9KT321	Safat	1628	250/50R: KUNA nx in EE	Blair-CA
14480.0	RTTY	Japan	NNN0M0C	Okinawa	1310	170/50R: USN MARS w/foxes	Kuroda-JP
16178.0	RTTY	Hawaii	....	Hickham AFB	0031	850/75R: Coded meteo. 'PHWR' identifier.	Blair-CA
18128.0	RTTY	Unknown	GMN	Unknown	1832	450/50R: RYRYRY into 5letter tlc. England?	Agner-MD
18157.0	ISB	USA	....	Dixon, CA	2348	VOA feeder in EG & oriental lang. Inside new ham band	Flynn-CA
18388.6	RTTY	Libya	5AF	Tripoli	1511	300/50R: RYRYRY & aero wx	Agner-MD
18651.1	RTTY	Poland	SOT265	Warsaw	1826	425/50R: PAP nx in Polish	Agner-MD
18785.8	RTTY	France	FTS78	Paris	1555	425/50N: DIPLO nx in FF w/comments on chemical warfare	Agner-MD
19324.7	RTTY	USA	KAWN	Carswell AFB, TX	1720	850/75N: USAF Meteo	Lannuier-NJ
19747.5	RTTY	Senegal	6VU79	Dakar	0107	350/50N: Coded meteo	Blair-CA
20482.5	RTTY	Philippines	....	Poro Ia Union	0100	425/75N: VOA nx in EE	Blair-CA
23402.5	USB	USA	'Atlas	Washington, DC	0100	US Customs. Wkg FLINT 620 aircraft	Battles-NH

Aeronautical Mobile Stations

KHz	MODE	NAME	UTC	REMARKS	CONTRIBUTOR
5535.0	USB	SPEEDBIRD 9-2	0100	Wkg BAW LDOC London. Initial nav system failure	Calligan-CA
5643.0	USB	HAWAIIAN 1471	0913	ICAO SP-6/7 areas. Wkg Auckland for wx rpt	Calligan-CA
6730.0	LSB	SAM 60202	1930	USAF GCCS. Wkg Andrews AFB, MD	Alexander-PA
6756.0	USB	BENEDICT	2310	USAF GCCS. Wkg Andrews AFB, MD	Alexander-PA
6756.0	USB	SAM 27000	1816	USAF. Reagan's plane leaving Andrews for CA. Verified by TV nx coverage.	Battles NH
6817.0	USB	SAM 86972	0055	USAF. Wkg Andrews AFB, MD	Alexander-PA
6972.0	USB	SAM 60202	0006	USAF. Wkg Andrews AFB, MD	Alexander-PA
8846.0	USB	WORLDWAYS 539	0038	ICAO W CAR area. Position report to NY	O Connor-NH
8861.0	USB	LUFTHANSA 520	0501	ICAO SAT-1/AFI-1 areas. Position report to Recife	O Connor-NH
8861.0	USB	LTU 511	0415	ICAO SAT-1/AFI-1 areas. Position report to Dakar	O Connor-NH
8903.0	USB	AIR MET 50227	0805	ICAO CWP-1 area. Pos. rpt (28N, 140E) to Tokyo	Calligan-CA
8903.0	USB	PHILLIPINES 432	0820	ICAO CWP-1 area. Cig Manila & wkg Naha	Calligan-CA
8903.0	USB	UNITED 97	0826	ICAO CWP-1 area. Selcal ck with Tokyo	Calligan-CA
8903.0	USB	ACRID 46	0900	ICAO CWP-1 area. Military a/c wkg Tokyo. en route to Yokata AFB	Calligan-CA
8903.0	USB	CONTINENTAL 965	0903	ICAO CWP-2 area. Pos. rpt (25N, 144E) to Tokyo	Calligan-CA
8984.0	USB	ROCKET 38	2328	Cig Stingshot. [US Customs?]	Rocker MS
8989.0	USB	STAR GOLD	0041	USAF. Wkg McClellan FAB, CA	Battles NH
8993.0	USB	TEAL 44	0130	USAF. Wkg McDill AFB, FL w/patch to Miami Monitor	Gerstner NY
8993.0	USB	TEAL 20	0017	USAF GCCS. Wkg MacDill AFB, FL	Alexander-PA
9018.0	USB	BENEDICT	2303	USAF GCCS. Wkg MacDill AFB, FL	Alexander-PA
9320.0	USB	SAM 86971	1653	USAF. Wkg Andrews AFB, MD	Alexander-PA
9991.0	USB	SAM 24130	2007	USAF. Wkg Andrews AFB, MD	Alexander-PA
11180.0	USB	SAM 24139	2122	USAF. Wkg Andrews AFB, MD	Alexander-PA
11182.0	USB	MAC 0460	0132	USAF. Cig Scott Airways. no reply.	Rocker-MS
11226.0	LSB	AIR FORCE 1	1950	USAF GCCS. Wkg Andrews AFB, MD	Alexander-PA
11226.0	LSB	SAM 86974	1618	USAF GCCS. Wkg Andrews AFB, MD	Alexander-PA
11233.0	USB	TIGER 52	1608	RCAF. Wkg CHR Trenton w/patch to Tiger Ops	Battles-NH
11233.0	USB	CANADIAN FORCES 5639	0138	RCAF. Cig Edmonton. wkg Trenton. QSY to 9006.0 kHz	Rocker-MS
13201.0	USB	AGAR 25	2004	USAF. Cig for radio check	Battles-NH
13247.0	USB	SAM 86971	1847	USAF GCCS. Wkg Andrews AFB, MD	Alexander-PA
13291.0	USB	CONCORDE 4	1924	ICAO NAT-B/D areas. Wkg NY	Battles-NH
13412.0	LSB	SAM 24127	1628	USAF. Wkg Andrews AFB, MD	Alexander-PA
15687.0	LSB	SAM 86974	1928	USAF. Wkg Andrews AFB, MD	Alexander-PA

Maritime Mobile Stations

KHz	MODE	NAME	CALL	UTC	REMARKS	CONTRIBUTOR
2713.8	USB	USS LAWRENCE	1015		Cig Norfolk Port Control. Off frequency?	Gordon-CT
2714.0	USB	USS DALE	1500		Cig Philadelphia Command and Control	Gordon-CT
2714.0	USB	USS LUCE	1025		Cig for radio check	Gordon-CT
2714.0	USB	USS EL PASO	1005		Cig Navy New Orleans Control	Gordon-CT
2714.0	USB	USS GUAM	1125		Cig Moorehead City Port Control	Gordon-CT
2716.0	USB	USS OLIVER HAZZARD PERRY	1410		Cig Earle Control	Gordon-CT
2716.0	USB	USS JOSEPHUS DANIELS	1045		Cig NAS Bermuda Tug Control	Gordon-CT
2716.0	USB	USS MONONGAHELA	1035		Cig Roosevelt Roads Tug Control	Gordon-CT
2716.0	USB	USS DONALD B. BEARY	1330		Cig Norfolk Tug Control	Gordon-CT
2716.0	USB	USS MILLER	1120		Cig Newport Port Control	Gordon-CT
2716.0	USB	USS DEWEY	1020		Cig Charleston Tug Control	Gordon-CT
2716.0	USB	USS SEATTLE	1030		Cig Norfolk Tug Control	Gordon-CT
2716.0	USB	USS CANISTEO	1035		Cig Norfolk Tug Control	Gordon-CT
2716.0	USB	USS SEIF	1500		Formerly USS GARCIA. decommissioned by USN and sold to Pakistan	Gordon-CT
2716.0	USB	USS ROBERT G. BRADLEY	1200		Cig Charleston Harbor Control	Gordon-CT
2716.0	USB	USS JOHN KING	2340		Cig Norfolk Tug Control	Gordon-CT
2716.0	USB	USS CARR	1035		Wkg Charleston Tug Control	Gordon-CT
2716.0	USB	USS JOHN F. KENNEDY	1030		Radio checks w/NZLL USS CONNOLE	Gordon-CT
2716.0	USB	USS MAC DONOUGH	10540		Cig Charleston Tug Control	Gordon-CT
2716.0	USB	USS MC CANDLESS	1055		Radio checks w/USJ JFK	Gordon-CT
4066.1	USB	USS LYNDE MC CORMICK	0110		Cig San Diego CSSI	Gordon-CT
4066.1	USB	USS REUBEN JAMES	0450		Cig San Diego CSSI	Gordon-CT
4066.1	USB	USS LOCKWOOD	0110		Cig San Diego CSSI	Gordon-CT
4066.1	USB	USS TARAWA	0130		Cig San Diego CSSI	Gordon-CT
4066.1	USB	USS LEWIS B. PULLER	0200		Cig San Diego CSSI	Gordon-CT
4066.1	USB	USS CUSHING	0210		Cig San Diego CSSI	Gordon-CT
8229.2	USB	USS THEODORE ROOSEVELT	0201		Wkg WOM & big seas ops w/phone calls	Gerstner NY

8247.7	USB	USS ANCHORAGE	0220	Cig San Diego CSS2	Gordon-CT
8378.0	CW	NORMAN SPIRIT	0345	Wkg WNU	Jones-TX
8989.0	USB	USS CARL VINSON	0250	USAF frequency. Cig McClellan Airways	Gordon-CT
12498.5	RTTY	M/V RICHARD G. MATTHIENSEN	1725	ARQ: Wkg WLO w/tfc to OCEAN SHIPS INC., Houston	Gerstner-NY
12504.5	RTTY	FERNGOLF	2256	Wkg NMN w/AMVER report	Gerstner-NY
12505.5	RTTY	SS LOUISE LYKES	2149	ARQ: Wkg WLO w/tfc to BOYDBROS BALBOA	Gerstner-NY
12505.5	RTTY	OMI WILLAMETTE	1420	ARQ: Wkg WLO	Gerstner-NY
12519.0	RTTY	QUEEN ELIZABETH II	2212	Wkg GKQ	Gerstner-NY
12519.5	RTTY	ATLANTIC FOREST	1855	ARQ: Wkg WNU w/telex tlc & position report	Gerstner-NY
12519.5	RTTY	MY ALEKSEY DANCHEKO	1634	ARQ: Wkg WLO	Gerstner-NY
13826.0	USB	USS MOBILE BAY	1230	Wkg NNNOPRQ	Gordon-CT
13974.0	USB	USS AUBREY FITCH	2350	Wkg NNNONBL	Gordon-CT
14441.5	USB	USS DOYLE	1430	Radio check w/NNNOCMR	Gordon-CT
14441.5	USB	USS IOWA	2320	Cig any stateside MARS station	Gordon-CT
14441.5	USB	USS FARAGUT	2200	Wkg NNNONAV	Gordon-CT
14441.5	USB	USS TRIPPE	0030	Wkg NNNONJR	Gordon-CT
14441.5	USB	USS BOONE	0040	Cig any stateside MARS station	Gordon-CT
14441.5	USB	USS BOLSTER	0045	Cig NNNONTI	Gordon-CT
14441.5	USB	USS INCHON	2300	Wkg NNNONAV	Gordon-CT
14441.5	USB	USS WILLIAM V. PRATT	2040	Cig any stateside MARS station	Gordon-CT
14441.5	USB	USS SAMPSON	0100	Cig any stateside MARS station	Gordon-CT
14441.5	USB	USS NITRO	1230	Cig any stateside MARS station	Gordon-CT
14441.5	USB	USS CONNOLE	0010	Cig NNN0QGR	Gordon-CT
14441.5	USB	USS MOOSBRUGGER	1010	Cig Charleston Tug Control	Gordon-CT
14470.0	USB	USNS MOHAWK	1840	Wkg NNN0FAB	Gordon-CT
14477.0	USB	USS SPRUANCE	1500	Wkg NNN0UKX	Gordon-CT
14483.5	USB	USS TICONDEROGA	1810	Wkg NNN0MET	Gordon-CT
16463.1	USB	BIGORANGE XVII	1608	Wkg GKT62 Portishead Radio	O'Connor-NH
16463.1	USB	ROYAL SERVICE	1551	Wkg GKT62 Portishead Radio	O'Connor-NH
16463.1	USB	ACHILLE LAURO	1535	Wkg GKT62 Portishead Radio	O'Connor-NH
16587.1	USB	SEABULK CHALLENGER	2126	Wkg KHT w/phone patch tlc	Gerstner-NY
16587.1	USB	EXXON PRINCETON	1747	Wkg KHT w/phone patch tlc	Gerstner-NY
16587.1	USB	S/T EXXON WASHINGTON	2131	Wkg KHT w/phone patch tlc	Gerstner-NY
16662.5	RTTY	AMERICAN NORTH CAROLINA	2250	ARQ: Wkg WLO w/telex tlc to AMTRANS-JAX	Gerstner-NY
16667.5	RTTY	SEA LION	2229	ARQ: Wkg WLO w/tlc to AMTRANS SHIPOPS	Gerstner-NY
16672.5	RTTY	OBO MARSHAL GOVOROV	1401	Wkg WLO	Gerstner-NY
16673.5	RTTY	DOCK EXPRESS TEXAS	1827	ARQ: Wkg NMN w/AMVER report	Gerstner-NY
16696.0	RTTY	TKH: OREKHOV	2116	170/50N: RYR9RY & tlc to UPB Providenia Bukhta Radio	Berri-CA
16744.0	CW	NADA 3	2150	Position report	Jones-TX
16767.0	CW	PAN CRYSTAL	2015	Wkg NMN w/AMVER report	Jones-TX
16780.0	CW	MOR MACKSKY	2023	Position report	Jones-TX
16780.0	USB	SEAFIGHTER	1932	Wkg DJJ Manila	O'Connor-NH
16828.0	CW	KAZAHAYA	2205	Telex	Jones-TX
22124.0	USB	OVERSEAS NEW YORK	2104	Wkg KHT w/phone patch tlc.	Gerstner-NY
22124.0	USB	EXXON PHILADELPHIA	2124	Wkg KHT w/phone patch tlc.	Gerstner-NY
22199.5	RTTY	MY LLOYD SERGIPE	1830	ARQ: Wkg WLO w/tlc OCEANROUTE SAN FRANCISCO	Gerstner-NY
27974.0	USB	USS YORKTOWN	1545	Propagation test w/NNN0FAB	Gordon-CT

BETWEEN A BOUT WITH THE FLU AND SEVERAL OR MORE SYSTEM CRASHES, I was not able to include all that I would have liked to this month. Bill Battles sent many good tactical and aero loggings, Dick Moon passed along a whole bunch of stuff from South Africa, and Daryl Symington supplied a lot of military loggings. Some of this is included above. What I did not get to this month will appear in April's column.

THE FEBRUARY ISSUE OF OMNI MAGAZINE featured a piece on listening in to manned space missions with HF and VHF radios. I thought this was done very tastefully and without portraying the hobby as being out of the reach of the average individual. To the contrary, it stressed that this type of monitoring can be done with minimal expense. Also, not once did the words "world band radio" appear. Maybe there is some hope...

NASA IS INTENT ON RESUMING THEIR SCHEDULE of regular shuttle launches. The following launch calendar was found on one of my local Packet BBS stations. Many of the payload acronyms are a mystery, but some are obvious: DOD indicates a classified Department of Defense mission, Galileo is a probe that will be sent into Jupiter's atmosphere, and HST is the Hubble Space Telescope (man's ultimate DX rig!).

<u>Date</u>	<u>Mission and Vehicle</u>	<u>Primary Payload</u>
Feb 18, 1988 ***	STS-29 Discovery	TDRS-D
Apr 28, 1989	STS-30 Atlantis	Magellan

July 1, 1989	STS-28 Columbia	DOD
Aug 10, 1989	STS-33 Discovery	DOD
Oct 12, 1989	STS-34 Atlantis	Galileo
Nov 13, 1989	STS-32 Columbia	DOD/NASA: LDEF-1R and SYNCOM IV-5
Dec 11, 1989	STS-36 Discovery	DOD
Feb 1, 1990	STS-31 Atlantis	HST
Mar 1, 1990	STS-35 Columbia	ASTRO-1 and BBXRT
Apr 5, 1990	STS-37 Discovery	GRO
May 10, 1990	STS-38 Atlantis	DOD
June 7, 1990	STS-40 Columbia	SLS-1
July 19, 1990	STS-39 Discovery	DOD: CIRRIIS, IBSS and Teal Ruby
Sept 10, 1990	STS-41 Columbia	DOD: Starlab
Oct 5, 1990	STS-42 Atlantis	Ulysses
Nov 8, 1990	STS-43 Discovery	TDRS-E
Dec 20, 1990	STS-44 Columbia	Atlas-1

*** This launch has been pushed back, and will most likely occur in early or mid-April.

NASA, USAF and USN frequencies for shuttle support include the following (all USB except where noted):

- 2622.0 kHz NASA booster rocket recovery
- 2678.0 kHz Cape Radio Range
- 3385.0 kHz NASA tracking
- 3395.0 kHz NASA tracking
- 5190.0 kHz NASA tracking vessels
- 5518.0 kHz NASA tracking
- 5810.0 kHz NASA booster recovery vessels
- 6693.0 kHz NASA aircraft
- 6708.0 kHz NASA aircraft
- 6783.0 kHz NASA tracking
- 6896.0 kHz NASA aircraft
- 7461.0 kHz NASA airport
- 7675.0 kHz NASA Kennedy operations
- 7765.0 kHz NASA tracking
- 10780.0 kHz USAF Cape Radio - Primary
- 11205.0 kHz NASA Pacific operations
- 11407.0 kHz NASA booster recovery
- 13170.0 kHz NASA aircraft
- 14456.0 kHz NASA tracking
- 20186.0 kHz NASA tracking - Ascension Island
- 20191.0 kHz NASA tracking - Ascension Island
- 20197.0 kHz NASA tracking - Ascension Island (LSB)
- 20390.0 kHz USAF Cape Radio - Secondary
- 20393.0 kHz NASA tracking

Shuttle schedule courtesy of Michael East (via KD6TH-4 PBBS). Frequencies courtesy of John Nashmy, N2EVD and the N4WF RBBS.

ANOTHER TIP FOR LISTENING IN ON SHUTTLE MISSIONS is to check the ham bands. As noted in The above mentioned issue of Omni, amateurs at Goddard Space Flight Center operate a club station which re-transmits shuttle-to-ground VHF communications on the HF ham frequencies. Try 3860.0, 7185.0, 21395.0, and 28650.0 kHz. A local New York City-area club was relaying the audio from NASA's satellite feed. I found this audio transmission to be a fraction of a second ahead of the live coverage from Cable News Network due to the extra trip the signal has to make from CNN HQ in Atlanta to their own bird and back to the local cable company. So, we can once again say that radio hobbyists have earlier access to ground breaking news, although in this case it's only about a half second!

USS TENNESSEE, AN OHIO-CLASS TRIDENT BALISTIC MISSILE SUB, was logged by (who else) Andy Gordon on 14 February at 1000 UTC on 2716.0 kHz calling Canaveral Control. The TENNESSEE was using the tactical callsign 4PF, and Canaveral ID'ed as H1V. The sub's homeport is Kings Bay, GA, and it's the first Trident to be homeported on the East Coast

TENTATIVE IDENTIFICATION OF STATION UVA is Batumi Radio, USSR. The station, which normally uses the call UFA, has in the past used the callsign UVA on the VLF frequency of 14.6 kHz, a frequency that suggests a military operation. Any more info is welcome. (Tnx to Bob Rankin, W0NXN)

A NEW UTILITY NEWSLETTER IS AVAILABLE. SSBulletin is published bi-monthly by Tim Braun (2064 Royal Fern Court #12B, Reston, VA 22091, and is available for 50 cents each. The bulletin focuses on voice communications only. In addition to the standard loggings section, SSBulletin features sections on equipment and tips on every aspect of the hobby. The next issue is slated for April 1. Contact Tim for more information.

SPECIAL NOTE to all who sent SASEs for the logging forms: I expect to have them available before the second week in March. They will also be available from Bob Thunberg as part of the new member package. Also, special thanks to those who have adopted my suggested report format on their home computers.

AS EXPECTED, THE WINTER SWL FEST IN KULPSVILLE, PA was a great success. Kudos to Bob Brown, KW3F, and all who helped pull the whole thing off. One of the more interesting things that happened to me occurred during the panel discussion of utility DX'ing, when I was asked about the apparent paranoid psychosis of a certain German publisher who feels that not only are all other radio authors out to get him, but the whole United States as well. Don't you just hate hobby politics? A low point of the fest was finding an empty beer keg in the hospitality suite, not surprising when you consider that the good Doctor Harold Cones was present. It was a pleasure to meet many of the people that I have known only from the radio and telephone, and I look forward to doing it again next year.

IN DECEMBER, GREAT BRITAIN IMPOSED HEAVY FINES on five radio amateurs and threatened jail sentences for the horrendous crime of listening to "unauthorized" radio transmissions. They were ultimately caught as a result of their own discrepancies; the five exchanged utility frequencies over the air for ten months. An article in Britain's New Statesman & Society (16 December 1988) does a fairly good job of pointing out the absurdity of such laws. The United States' own Electronic Privacy laws pale by comparison to those in England, which ban the reception of any signals for which the government has not issued a license. The article stresses that the attention this case is getting will most likely inspire more people to commit the "crime" of utility DX'ing, and at the same time warn them to be a little more careful about exchanging information with fellow hobbyists. (Thanks to William Borland for the clipping from New Statesman)

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73 til April de

Paul

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