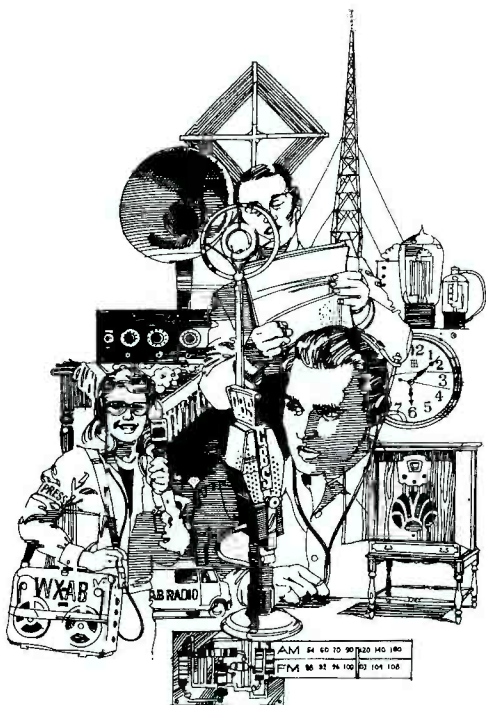


SPEEDX

Volume 18

JANUARY 1988

Number 1



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COVER ART BY Publishing Headquarters

THE DX MAGAZINE FOR ACTIVE SWLS

SPEEDX SPOTLIGHTS*

JANUARY 1988

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4	FLYNN, BILL	CA R2000	4	ROSS, ROBERT	ON TS430B
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1	HARDY, LEROY	CA IC-R70	2	SHARPER, BRYAN	CA DX302
1	HAUSER, GLENN	OK	3	SHIMADA, SENSJU	JP FR07700
2	HANKINS, HUGH	TX IC-R71A	4	SHREEDHAR, R.	II ICF7000D
1	HEINEN, WAYNE	CO R390A	1	SOMERS, JACK	CA TS430B
1	HELMS, HARRY	CA	11	SOOMRE, ED	MA R2000
6	HESCH, RUTH	NY R1000	2	STEIN, RICKEY	NJ FR07700
5	HICKMAN, TIM	MD R5000	1	SZALONY, LEONARD	CA IC-R71A
1	HILL, KENNETH	MA NR0525	1	THOMPSON, GLENN	NH IC-R71A
5	HOFFMAN, HAROLD	IA	4	THOMPSON, PEGGY	CA FR07
2	HOLBROOK, HANK	MD RBL4	1	THUNBERG, BOB	PA R1000
1	HUBER, BEN	OH	18	TRESCHER, FRED	PA FR07700
1	HUFFAKER, CARL	MX HOMEBREW	1	UERLINGS, JAMES	OR NR0525
2	HUGHES, MARK	FL IC-R71A	2	VALENTINE, F.A.	CA IC-R70
1	JANSON, A.L.B.	HO	1	VAN HORN, GAYLE	FL R5000
6	JANUSZ, ED	NJ ICF2010	4	WAKEFIELD, PAUL	IA ICF2010
4	JESSEN, W.	OR	1	WALLACE, ANDREW	MA
9	JOHNSON, L.L.	CA	1	WEBER, DONALD	OH R2000
10	JONES, ANTHONY	TN CR2021	8	WESTENHAVER, WILLIAM	QU ICF6500W
5	JONES, BRIAN	TX IC-R70	2	WILKINS, JOHN	CO R1000
4	JONES, DAVID	TN 5-1S1	6	WITTE, MARGORIE	CA
1	JONES, JACK	MS RF3100	2	WOROB, PHILIP	TX R5000
5	KERRIGAN, PATRICK	IL R1000	6	WRIGHT, PHILIP	DX400
9	KLINE, JAMES	CA FR08800	6	ZIRKELBACH, BOB	CA R1000

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
LATIN AMERICA / AFRICA

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
NA# / LA# / DX MONTAGE

Hello fellow contributors...

This month's list also includes the loggins you sent in to David Jones last month for the December issue. As you recall, it was delayed slightly in getting to me and therefore could not be included in the December issue. We're all up-to-date however for now!

We only have one new full member this month, so let's give a big SPEEDX welcome to:

KEN ROBERTS.....FLORIDA !!!

Welcome to the ranks of the full member. We're always looking for your input, so let us know what you think!

We have eight new and returning contributors this month...an excellent way to begin the new year:

WILLIAM BLIGHT.....MD	BEN HUBER.....OH
M.L. FLANNIGAN.....VA	W. JESSEN.....OR
HARRY HELMS.....CA	ROBERT LAAG.....CA
HAROLD HOFFMAN.....IA	PAUL LANNUIER.....NJ

Glad to have you part of our logging pages again and we look forward to even more input from you in the coming months.

See you all again next month in SPEEDX SPOTLIGHTS...



Keynotes

Tom Kephart

Post Office Box 606

Mt. Pleasant, MI 48804-0606

CompuServe 71121.217 GENIE T.KEPHART1

A RELUCTANT FAREWELL

I have spent the past three and a half years publishing this magazine. I have had the extreme pleasure of meeting many of you, either by mail, by phone, or in person at an ANARC convention. It has been my pleasure to serve SPEEDX, and if I have even come close to increasing your enjoyment of our common hobby through my efforts, it has indeed been time well spent.

However, due to personal and professional commitments, I must turn over my SPEEDX responsibilities to the next "generation" of volunteers. I have resigned from the Board of Directors, effective January 1, 1988, and will be replaced as publisher and managing editor as soon as volunteers are found. The new BOD will be naming my replacement on the Board and electing a new president very soon.

I only regret that I haven't had time to respond to the many cards and letters I have received in the past six months or so...I simply haven't had time. I am not going to disappear, however, but merely plan to slip into the background again, and perhaps I'll even try to dig out my receiver and do a little DXing, hi!

Thank you! For your patience, advice, critiques, and friendship. Keep in touch, and the best of DX in the future.

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Tom Kephart

THE MARKETPLACE REPORT

Issue # 95

The Marketplace Report is edited by Harold Sellers, Technical Editor for the Association of North American Radio Clubs. TMR is available to clubs, distributors, publishers and broadcasters, free of charge. Readers are invited to contribute news and information on equipment, companies and services of interest to radio listening enthusiasts. Our address is P.O. Box 161, Station "A", Willowdale, Ontario M2N 5S8, Canada.

COMPUTER CONTROL FOR RECEIVERS



SEEKER - Computer-Aided Communications Monitoring

SEEKER is a hardware and software package developed for the Icom IC-R71 receiver and the Commodore C-64, 64C or 128 computers. Part of the system, a program called SEEKER, controls the receiver and also a tape recorder from the computer. Another program, SEEKER-LOG, allows the creation and then updating or modification of databases of frequencies which you like to listen to. The features and capabilities of the SEEKER system are very extensive and complete information is obtainable from AF Systems, P.O. Box 9145, Waukegan, Illinois 60079, telephone (312) 623-4744.

Allan Franklin of AF Systems also advises us that his company is developing a SEEKER for the Kenwood R-5000 receiver and compatible Kenwood transceivers. This upcoming version will allow users of Icom and Kenwood equipment to swap databases on floppy diskettes.

<<>>

Kenwood Computer Control

Kenwood has developed a computer control package which is useable on the R-5000 receiver. Computers with an RS232C serial port may be used. Kenwoods IF232C and IC-10 options (US\$79.95 and \$26.95 respectively) are required. Software is not available from Kenwood, but Universal Shortwave Radio have developed a suitable program for use with an IBM PC or compatible computer. Called "SWL PC to Kenwood R5000" it sells for US\$49.95. The program shows full information on memory channels including name of station, mode, function, date, SINPO and comments. It also provides computerized logging of stations and backup memory to disk.

Universal's address is 1280 Aida Dr., Reynoldsburg, Ohio 43068; telephone 614-866-4267.

<<>>



DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

JANUARY, 1988

Hi. I hope that your holidays were good, and that some of your New Year's resolutions are still reasonably intact. My resolution is to make this column more readable, which means, in part, doing most of it in larger type (some people have asked what kind of computer I use...it's a typewriter, that's all...). On with the gumbo!

A CURE FOR FEBRUARY BLAAHS: THE WINTER SWL FESTIVAL!!!

Yep, SPEEDX'er Bob Brown and some of his friends have arranged a SWLers' convention for the weekend of 13-14 February in Willow Grove, PA (that's right outside of Philadelphia).

Bob tells me that, while negotiating with the motel, the manager got to reminiscing about an old Heathkit he'd once had...the upshot is that we've got a nice listening room, replete with longwire antennas strung up all over the roof! Bob is still working on getting some door prizes, "guests of honor," and other special touches. For an update, or to pre-register (\$15.00 admission), write to:

Bob Brown
238 Cricklewood Circle
Lansdale, PA 19446

Make checks payable to "Winter SWL Festival." If more information is what you need, please remember to enclose a SASE.

Motel rooms are \$36.00 single, \$42.00 double. That address is:

Fiesta Motor Inn
1130 North Easton Road
Willow Grove, PA 19090
(215) 659-9300

The Fiesta Inn is about $\frac{1}{4}$ mile south of Exit 27 of the Pennsylvania Turnpike. North Easton Road is also known as Route 611; a few miles south of the site, it becomes Broad St., Philadelphia. So far, there has been quite a lot of interest, with some DX'ers planning to show up from all up and down the East Coast. Of course, Philly is known for some fine conventions....

Bob Brown also goes by the name of "KW3F," and is involved in a SWLers' HAM NET which meets every Sunday at UTC 1400 on 7240 kHz LSB (± 1 kHz, depending on the QRM; it's a crowded Ham band, but the Net likes it because anybody with an Ham license is allowed voice privileges on it). All DXers are invited to tune in and avail themselves of the information which is exchanged weekly. There have been at least 15 ARO's signing in each week; in fact, your editor, for the first time, is tempted to get a license and add a little more QRN to the amateur airwaves!

WHY YOU DON'T KNOW ANYTHING ABOUT THE VOICE OF AMERICA

It's called the Smith-Mundt Act of 1948, and it puts stringent limits on what the U. S. Information Agency can tell Americans. The Act had noble intentions. The authors had as their model the co-optation of German media by the Nazi government in the 1930's, and wished to make it as difficult as possible for dictatorial types to do the same in this country. However, the stringent construction of the bill has created some obscure legal byways.

--One Edwin A. Smith, described as a "shortwave radio buff from the state of Washington" (how come we're always "buffs?" Why not "cognoscenti?"), asked for a transcript of an edition of one of his favorite VOA shows, a press review called "Africa in Print." He couldn't get one.

--It takes, literally, an act of Congress to get a waiver from Smith-Mundt whenever somebody wants to domestically show or distribute a publication

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or film made by the USIA. Sometimes the bill comes out of the Senate in a different form, or with slightly different wording, from its counterpart in the House, necessitating the time-wasting formality of a conference. --Believe it or not, it was theoretically illegal for American media to carry President Reagan's 1986 New Year's address to the Soviet Union! That's right... 'twas a USIA-sponsored speech....

Now I know why Rita Rochelle doesn't answer her mail. I wrote Ms. Rochelle, host of VOA's "Music Time in Africa," a combination fan letter/ "what was that record?" note, to which she never replied. I confess, I grumbled a bit as the weeks went by: "My tax dollars at work," all the litany...but, if Ms. Rochelle happens to read this: I didn't know it was against the law, honest!

There may be hope. Florida Congressman Dante Fascell is teaming up with USIA staff lawyer John Lindburg in an attempt to achieve a modus vivendi which will help the USIA get around some of the more egregious side-effects of Smith-Mundt. As Richard McBride, a Congressional staff director who is doing some of the groundwork for this, says: "There has to be a way to ease the process and still preserve the statute's intent."

(From a New York Times article, forwarded by Rickey Stein. We have a pot-pourri of VOA news this month: Thanks to Peter Card and Federal Computer Week; M. L. Flannagan, USA Today; Bill Romberg, Chicago Tribune; and Peggy Thompson for Jack Anderson's column, whose contributions are mixed into the following bunch of items).

VOA's modernization project is not going well. President Reagan put a higher priority on the service than it had seen in years, and, starting around 1983 under newly appointed USIA Director Charles Z. Wick, the agency received some extra funding for necessary upgrades.

In August, VOA finally replaced its 33-year-old Master Control broadcast relay--a relic of Eniac, the granddaddy of computers, and badly outmoded. However, the new Xerox workstations with simultaneous translation capabilities have proven unpopular with much of VOA's staff; and reports continue of chronic morale problems throughout the workplace.

In fact, VOA's funding for further modernization has been cut off for the fiscal 1988 budget. VOA has been studying the feasibility of broadcasting to various areas which it is not now reaching, and has been negotiating purchases of land for new overseas relays. The slow pace of this activity has brought about an investigation into alleged mismanagement from the Inspector General's office.

The good news is that the Soviets have apparently stopped jamming VOA; Jaroslav Verner of the American Embassy in Moscow recently reported hearing VOA Russian-language broadcasts on three different frequencies. The other good news is that Willis Conover is still around.

After Willis Conover's first (and only) year at Salisbury (MD) State College, he took a part-time job at a local radio station. After a couple of other jobs, and a stint in the Army, he learned, late in 1954, of an opening at VOA. The interview was short: "Within 30 seconds, we both knew that we both knew jazz." His record collection has sprawled through VOA's hallways ever since.

In 1959, Mr. Conover landed at Warsaw Airport, and was stunned to learn that hundreds of Poles--some with gifts, others just setting up jam sessions at the airport--had come out to greet him. A self-effacing man, he enjoys the fact that most Americans wouldn't recognize him on the street; but his audience has been estimated at 100 million listeners a day. On the air, he speaks slowly, for the benefit of listeners who know little English. When preparing a set, he strives to create an introduction, a body, and a conclusion with climax and sub-climax; he says that the preparation, rather than the actual recording, is the most difficult part of the show.

"It's like when you write a sonnet," he says (writing poetry is one of his main hobbies). "You do the last two lines first, and then you try to find twelve good lines to lead up to that."

He had extensive chemotherapy a couple of years ago, and lost his salivary glands in the process. Amazingly, his voice remains unaffected; but his daily routine includes regular doses of synthetic saliva and oceans of club soda."

"Jazz will either kill you or keep you young. It's another language, an expression of emotions. And when it reaches me, it reaches me."

BOOK REVIEW

GO PUBLIC! THE TRAVELER'S GUIDE TO NON-COMMERCIAL RADIO, by Natalie McClendon (Wakerobin Communications, \$14.95)

This attractive 225-page book outlines some 1,000 public radio stations (mostly FM) throughout the USA.

The stations are grouped, roughly, by state. Each listing gives call letters, frequency, location, wattage, and coverage area; and, when available, a programme schedule. The schedules were up to the individual stations to provide. Some didn't bother; reasonably enough, they get less coverage than those which did send along the requested data (many of the schedules are quite detailed). In virtually every case, however, the author mentions at least a basic format.

College, high school, and community-operated stations are included, as are Pacifica affiliates and affiliates of National Public Radio and the other public networks. Religious-oriented stations are generally not listed. There are quite a few acronyms used, none of which should confuse the general reader (never mind the SPEEDX'er!); the only ones which sent me to the index with any regularity were those for the various networks--I never realized there were so many of 'em!

I could only find one mistake: West Long Branch, NJ (home of WMCX, the voice of Monmouth College) was typoed in as "West Long Beach." This, of course, is something that only the most parochial Jerseyan would even notice, never mind mention, so I'm not gonna mention it. Otherwise, the many public stations which I've checked out first-hand have been described with state-of-the-art accuracy. I highly recommend this book for the traveler or the FM listener.

(Wakerobin Communications, 611 North 26th St., Lincoln, NE 68503-3030)

(I often have an NPR station on my stereo whilst typing this column; my idea of good music is Sonny Rollins, Art Blakey, Duke, Trane, Bird ...and I'm not going to hear them on commercially-oriented stations. Please don't blame these wonderful artists for whatever flaws arise in this column; but imagine what it would look like if I listened to Def Leppard!? A rill gud collum, mAAAAAN...)

IRELAND: LEGAL PIRATES?

The government of the Irish Republic, in a turnaround from their often-threatened crackdown on the nation's many non-licensed broadcasters, has announced that they intend to "legalize" these stations. The ruling Fianna Fail party doesn't intend to regulate programming content, and it won't harass existing pirates during the licensing process.

The national network, RTE, will be excluded from competing in the local markets which the pirates are serving. Up until now, RTE has had quite a privileged position: Besides its official broadcasting monopoly and its subsidies from licensing fees, it can also get revenue from advertising. Commercial operations which are also state monopolies are quite rare in Europe; the Irish media scene should see some major changes in the near future.

(From the UK weekly "Broadcast," via James Kline while on what must have been a really fine vacation. James, thanks for all the input!)

SIDEBANDS

Ralph Bowden, aka your Skeds editor, sends along a report from the World Administrative Radio Conference, condensed from RBI's DX-Bulletin.

WARC's first conference in 1984 proposed standards for planning propagation conditions; but the methods used turned out to be unsatisfactory. Their second conference, in 1987, approved plans to make SW broadcasting exclusively single-sideband by 2015. A third conference is planned for 1992, at which time they will explore the systems which have been developed to comply with this ruling.

Let this column hear your views on this radical and double-edged (as I see it) proposal.

WHAT ABOUT THE WRTH NEWSLETTER?

SPEEDX HQ received a photocopy of a letter of complaint which Ms. Hope Ehn sent to the Northeastern Chief Postal Inspector, concerning an unfulfilled subscription to the WRTH NEWSLETTER. It seemed that she subscribed in February 1987, received only the first issue of the 1987 series, and hasn't heard from them since then, despite written queries.

Have any of you had problems--or no problems--with this publication?

Editor, Ocean County Observer
8 Robbins St.
Toms River, NJ 08754

Gentlemen:

If you are considering any new syndicated features to add to the Observer, I hope that you'll consider the column by Glenn Hauser, "Short Waves."

Mr. Hauser is respected throughout the short wave listening community as an outstanding expert on the subject. His column promises to be of interest not only to the enthusiastic short wave listener--and there are several of us in Ocean County--but also to the interested novice who wonders about how to hear the BBC, the Voice of America, and Radio Moscow.

If you are interested in exploring "Short Waves" as a possible feature for the Observer, you can contact Mr. Hauser at P. O. Box 1684, Enid, OK 73702.

Yours truly,

I heard about this on the Ham net; one of the ARO's is from the Pittsburgh area, and mentioned that he'd seen the column in the Greensburg, PA, Courier-News (I think that's the name of it). So I wrote to Glenn and asked him about it. As it turns out, the editor of that paper is a SWL'er...and the only editor who has signed up for "Short Waves" so far, as there really hasn't been any time to promote it. (I can't imagine why not; Glenn's only got about 8 million other things to take care of).

Why not write a similar note to your local paper? Most newspapers love to know about things like this, because most newspapers are looking for something that will make them stand apart from the crowd, so to speak. And, can you imagine better publicity for DX?

(I can't get over Greensburg, PA. I'm not knocking the town--I'd never knock the Keystone State or any of its byways--but still.... Well, everybody has to come from somewhere, I guess). (Bricktown, NJ???)

DX-CLUB RAMBLINGS

We received a press release from a new club in India, the Universal DX League.

"Monitoring the airwaves is a scientific hobby. More so is the craze to collect stations, i. e., to log more and more signals from distant stations. In order to be well equipped...most monitoring hobbyists like to collect information. And to render this...we intend to publish a magazine named DX DIAL. It will be a good monthly bulletin, with up-to-date information on most aspects of DX'ing, at a very reasonable price."

If you're interested in looking at DX DIAL, send two IRC's or mint stamps worth Rs. 2/- (that's the way they wrote it) to:

Mr. Kanwarjit Sandhu
408, Krishna Nagar
LUDHIANA 141 001, INDIA

I looked up Ludhiana in my atlas. It's in Punjab State, on the Pakistani border and not too far south of the Himalayas. Wonder what they're hearing by way of Afghan clandestines??

Bruce MacGibbon notes in the most recent DX SPREAD a club in Bangladesh which publishes a quarterly magazine, BANGLADESH CALLING DX'ERS (unusual name, huh?). They want DX news, tips, and information from everywhere; if you'd like to write, their address is:

Bangladesh DX Club International
c/o International Communications Division
GPO Box 4051
DHAKA, BANGLADESH

For a sample, send 6 IRC's or US \$1.00, which sounds like a bargain to me. (DX SPREAD: \$5.00 for 12 issues, payable to Bruce MacGibbon, 2295 N. E. Juniper Avenue, Gresham, OR 97030).

Closer to home, the ONTARIO DX ASSOCIATION is soliciting your used books--things like last year's WRTH--for distribution to DXers who might not be able to afford them otherwise. Thanks to their efforts, well-known DXer Victor Goonetilleke has been able to get a few volumes around in

his native Sri Lanka. You can send your donations to:

Ontario DX Association
Box 161, Station A
Willowdale, ON M2N 5S8, CANADA

SCANDINAVIAN RADIO

An Appreciation by Fred Trescher

My interest in the Scandinavian countries, and Norway in particular, goes back a long time ago to my youth, when we lived at my grandmother's house. The family needed some extra money, I assume, because by then my grandfather had retired from his business as a German baker; and my grandparents rented out two of the rooms.

One boarder, who was always my favorite, was a sailor from Norway. I suppose that I took a liking to him because he was a little different from most of the Americans that I knew. He was always considered part of the family; that's how close we were. Every time he went back to Norway, he brought back dolls for my sister. We still have the collection. Later in life, my father, who was vice-president of a local jewelry and china store, was sent over to Scandinavia to buy things for the company. I think this is what really re-kindled my interest in this area, because I had already become a short wave listener by then.

I was also attracted to Scandinavian DX, and still am, because the area is a little different from the "run of the mill" European area: What with the Land of the Midnight Sun, the fjords, the Lapps, etc.

With regards to my listening habits, I can mostly write only about the past, since I haven't been able to receive Scandinavia too well lately.

I mostly remember the programs from Radio Finland. They have had such interesting features as "Northern Report," Finnish language lessons, and weather reports. This last is another one of my interests. When I was young, one of my dreams was to become a meteorologist--the other was to become a subway motorman. Now I work at a local health clinic.

Of course, Sweden has their most interesting "Sweden Calling DX'ers" program on Tuesday nights. I also enjoy Radio Norway International quite a bit, too; but they only air on Sundays, and that can be hard for me to catch.

I even like the Scandinavian interval signals. With regards to music, I've become interested in Scandinavian music in general; I like classics, and Jean Sibelius is my favorite composer; I've acquired many tapes and records of his music.

As a winter sports fan, I was interested to learn that Radio Norway will apparently be carrying all of the Calgary Olympics. It seems that this will only be in Norwegian; but it's still good to know about.

Fred, thanks very much. I can relate to not being able to hear these stations too well; I understand that part of the reason is that the signals cut through the Auroral zone and get distorted because of that region's unusual electrical patterns. It makes sense to me that such a spectacular display could hash radio signals.

This essay is, I hope, the first of many that I'll have the privilege of running in this column in which SPEEDX'ers discuss just what it is about this strange and beautiful avocation we've found....

ARI REVEALED

A couple of months ago, Hub Ratliff asked if anybody knew about the ARI feature which was advertised, but not explained, in the manual which came with his Blaupunkt auto-stereo. We've gotten in a couple of answers....

Bill Westenhaver writes: I heard Jonathan Marks talk about this system a year or two ago, and here's what I remember. It's...designed to make sure that drivers get news about traffic conditions. Apparently the circuitry is programmed to turn the radio off or on when a certain sequence of tones is played...the set will turn on for these bulletins, even if it isn't already on. Try listening to some of the West German regionals on SW sometime--Bayerischer Rundfunk on 6085 in the early evenings is a good bet--and you'll occasionally hear traffic bulletins with a distinctive theme before and after. Either the theme itself is what turns the set on or off, or the tones which do it are hidden in the theme somewhere.

Dutch SPEEDX'er A. L. B. Jansen sends a photocopy of the manual which came with his Blaupunkt. As described in this book, there are stations which are part of the ARI network; when the ARI mode is activated on the receiver, stations which aren't part of this network are blocked out; and the

radio can be put in "search" mode to find an ARI-affiliated station. The manual, however, doesn't say if the receiver automatically turns on for traffic reports or if it just finds appropriate stations for wherever the listener happens to be. Mr. Jansen says that the system is used in the Federal Republic of Germany; it may not be available anywhere else...not yet, anyway.

LEARNING JAPANESE

Radio Japan's first foray into language-by-radio began in 1959, with its lessons on the Indonesian service. Now, all 20 of Japan's foreign-language services have lessons in Japanese. Hiroshi Shioyuchi hosts the introductory course for English-speakers, "Let's Learn Japanese." Mr. Shioyuchi previously hosted "Hello America" and "DX-Corner" for RJ, so his voice is hardly a new one to SWLers, Ayumi Hoshino, who hosts "Let's Practice Japanese" for more advanced students, studied English and American literature at Aoyama Gakuin University in Tokyo, and then did graduate work at California State University in San Francisco. She, too, is familiar to SWLers from the "Hello from Tokyo" programme. Both Ms. Hoshino and Mr. Shioyuchi are accredited to teach English to Japanese students.

Radio Japan's courses-by-radio emphasize correct, classical pronunciation and "real-life" conversational skills; and they try to work in a few tips about courtesy and Japanese customs while doing so. (NHK's Radio Japan News, and thanks to Ralph Bowden).

(Gee, I'll kinda miss all those Dadaesque things we used to learn in school--"Jane and Guido smoked an umbrella in the Archive Room...")

RED CROSS RADIO

A Closer Look by Bill Westenhaver

As you probably know, the International Committee of the Red Cross (ICRC) has monthly broadcasts over the transmitters of Swiss Radio International, to explain and publicize its activities around the world. Unfortunately, fifteen minutes a month isn't much time to discuss all that they do. If you are interested in further information about Red Cross activities, you might ask, along with your next reception report, to be placed on the mailing list for the ICRC Bulletin. It is a monthly newsletter (with occasional longer special reports) which details what the ICRC is doing in various areas of the world to help the victims of war, famine, and pestilence. It makes interesting and sobering reading. You can also get information about the ICRC and its work, including the Bulletin, from their office in the USA: 780 3d Avenue, Room 2802, New York, NY 10017. Finally, you might want to check out an interesting article entitled "A Little Humanity Amid the Horrors of War," in the November 1986 National Geographic.

Thanks, Bill. Your description of the Bulletin's contents is right on the one. There is so much necessary work that these people do....

THE WRAP

I wanted to get this column done before deadline--which happens to be Christmas Eve, an evening on which, I assume, Mt. Pleasant, Michigan's most likeable young couple would rather not worry about late columns. So, if this edition of DX Montage has a kind of slapped-together look, that's 'cause I just kinda slapped it together! (At least I bought an extra week or so to work on the 2/88 edition...)

WFEM, Hattiesburg, MS, ran one of the most spectacular contests I've ever heard about: Thanksgiving dinner on the Mayflower! The lucky winners, the Bass family of nearby Petal, were treated to a full-course turkey dinner on the...back of a Mayflower moving van.

I hope it was good-o!

73's (and 88's where), *Zoldie*
(appropriate!!)

PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

JANUARY 1988...Welcome to the radio year of "Love and Kisses"! Let's look at some schedules from some broadcasters:

ARGENTINA...RAE broadcasts in English daily at 1730 UTC(15345) & 2200, 0200 and 0400 UTC on 9690 and 11710 KHz. The 1730 and 2200 UTC broadcasts are for Europe and the 0200 and 0400 UTC broadcasts are for the Americas. NEWS and ARGENTINE POPULAR MUSIC are heard daily, along with the following feature programs: Mon THE CULTURES WHICH PRECEDED US, ANSWERS TO YOUR QUESTIONS, ARGENTINE MUSICAL PANORAMA(Eur only), THE HISTORY OF ARGENTINE(Am only); Tue OUR PERSONALITIES, SPORTS BULLETIN, BUENOS AIRES, SCENARY OF CULTURE; Wed SPORTS IN ARGENTINA, DXERS SPECIAL, LETTER TO A FRIEND(Eur only), ARCHITECTURE(Am only); Thu PHILATELY, OUR FAUNA, SCIENCES IN ARGENTINA; Fri CULTURAL BULLETIN(Eur), IBEROAMERICA AND ITS MUSIC(Am), MAILBAG; Sat NOW VISIT ARGENTINA, ROCK AND POP IN ARGENTINA; Sun NEW ARGENTINE CINEMA, TANGOS FROM THE COUNTRY OF TANGO. (Edward Janusz, NJ)

CHINA(Rep.)...Here is the English schedule for the Voice of Free China, courtesy of SPEEDXer Richard Lemke of Alberta:

UTC Time	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	FREQ/METERS (Service Area)
0200	News & Commentary Main Roads & Byways	News & Commentary Taiwan Economic Report	News & Commentary People at Work	News & Commentary Journey into Chinese Culture	News & Commentary Horizons	News & Commentary Journey into Chinese Culture	News & Commentary ROC Today	9555/31.3 (NA) 2985/50.1 (NA) 1595/19.6 (A,NA) 11745/25.5 (SEA) 11860/23.3 (SEA) 11740/25.6 (CA) 5945/20.7 (A,NA) 7445/40.3 (HK)
0300	Mailing Time	Jade Bells & Bamboo Pipes	Spotlight	The Weekly	Countdown	New Record Time	Chinese Old Songs	
	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	
0300	News & Commentary ROC Today	News & Commentary Main Roads & Byways	News & Commentary Taiwan Economic Report	News & Commentary People at Work	News & Commentary Journey into Chinese Culture	News & Commentary Horizons	News & Commentary Journey into Chinese Culture	9555/31.3 (NA) 2985/50.1 (NA) 1595/19.6 (A,NA) 11745/25.5 (SEA) 11860/23.3 (SEA) 11740/25.6 (CA) 5945/20.7 (A,NA) 7445/40.3 (HK)
0400	Chinese Old Songs	Mailing Time	Jade Bells & Bamboo Pipes	Spotlight	The Weekly	Countdown	New Record Time	
	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	
0700	News & Commentary Main Roads & Byways	News & Commentary Taiwan Economic Report	News & Commentary People at Work	News & Commentary Journey into Chinese Culture	News & Commentary Horizons	News & Commentary Journey into Chinese Culture	News & Commentary ROC Today	5985/30.1 (NA)
0800	Mailing Time	Jade Bells & Bamboo Pipes	Spotlight	The Weekly	Countdown	New Record Time	Chinese Old Songs	
	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	
2100	News & Commentary ROC Today	News & Commentary Main Roads & Byways	News & Commentary Taiwan Economic Report	News & Commentary People at Work	News & Commentary Journey into Chinese Culture	News & Commentary Horizons	News & Commentary Journey into Chinese Culture	3355/23.2 (E) 118 50/21.7 (E) 8955/30.1 (E) 15370/19.5 (A,NA)
2300	Chinese Old Songs	Mailing Time	Jade Bells & Bamboo Pipes	Spotlight	The Weekly	Countdown	New Record Time	
	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	Let's Learn Chinese	

Let me start this new year with a plea for your input. Program Panorama made its debut in April of 1978. For the past 9+ years, the column has brought SPEEDXers a wide range of information on shortwave programming. The purpose in 1978 and today is to encourage listening to shortwave for its wealth of interesting and informative programming. My vision of the column has been for it to evolve into a forum of sharing ideas about good and bad programming available on shortwave. However, this vision has not been embraced by a sizable segment of the SPEEDX membership. It is time now to evaluate the direction that Program Panorama will take. Additional pleas for contributions is not what I plan to do. I would like for as many members as possible to let me know your opinion of Program Panorama and what you would like to see it provide in the way of information. Perhaps you feel that the space in SPEEDX can be put to better use each month. Please let me know your feelings. I'll pass on your comments to our Managing Editor.

I thank you in advance for your time, and I wish for all SPEEDXers a good 1988!

.....Woody Seymour, Jr.

Station Skeds

JANUARY, 1988

FREQUENCIES (FREQ)
LANGUAGES (LG)
TIMES (UTC)
POWER (KW)
DAYS

EDITOR:
Ralph S. Bowden
1255 Amethyst Street
Space 30
Mentone, CA 92359 U.S.A.

TARGET AREA (TAR)
RELAY SITES (RL)
ELEVATION (EL)
AZIMUTH (AZ)
GAIN (dB)



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WORLDWIDE
COVERAGE

ANTARCTICA: AMERICAN FORCES ANTARCTIC NETWORK (AFAN), OR AFAN: RADIO INTERNATIONAL, MCMURDO, LATEST INFORMATION:

FREQ	LG	MODE	KW	RL
2000-1200	6012	EG SW (or SSB)	01	

(WRTH.)

AUSTRALIA: R. AUSTRALIA, MELBOURNE, ENGLISH LANGUAGE, D-87 SEASON:

FREQ	TAR	KW	RL
0800-1500	9580 NAmerica	100	S
0800-2130	9580 SPacific, USA	100	S
0900-1000	9760 PNG, EAsia	100	S
0900-1100	15415 S&SE Asia	250	C
1000-1100	9770 SE Asia	100	S
1100-1230	9710 PNG, E Asia	100	S
1100-1200	9645 SE Asia	250	D
1100-1300	7215 SPacific, NZ	100	S
1100-2000	6080 PNG, E Asia	100	S
1100-1900	5995 SPacific	100	S
1130-1400	6060 SPacific, USA	50	S
1130-1400	6060 NAM, SPacific	50	S
1200-1330	7205 SE Asia	100	S
1330-1430	7135 SE Asia	100	S
1430-2030	7205 SE Asia, Eur	100	S
1430-2000	6060 S Pacific	100	S
1430-2000	6035 S Asia, Eur	250	C
1500-2000	7215 S Pacific, NZ	100	S
1530-2030	7205 SE Asia, Eur	300	C
2000-2130	9620 PNG, EAsia	100	S
2100-0200	15160 S Pacific	200	S
2100-0100	15160 PNG, NE Asia	100	S
2100-0730	15340 S Pacific, NZ	50	S
2100-0200	15395 S-Pacific, USA	100	S
2200-0630	17795 S Pacific	100	S
2200-0200	15320 S Pacific, USA	100	S
2200-0100	15240 SE Asia	100	S
2200-0200	15395 NAM, SPacific	100	S
2200-0400	17795 S Pacific, NAM	100	S
0000-0400	17750 China, Phil.	250	D
0000-0100	15240 SE Asia	250	C
0000-0100	15140 SE Asia	300	C
0100-0300	15180 PNG	100	S
0100-0200	15395 SE Asia	250	C
0100-0510	17715 E Asia	300	C
0300-0700	15160 PNG	100	S
0300-0700	15160 S Pacific	100	S
0300-0500	15320 S Pacific	100	S
0300-0400	15395 SE Asia	250	C
0400-0630	11910 S Pacific, NZ	100	S
0500-0900	17750 China, Phil.	250	D
0500-0900	15395 SE Asia	250	C
0600-0700	15315 S Pacific	100	S
0700-0800	5995 S Pacific	100	S
0700-1030	9655 S Pacific, NZ	100	S
0730-0900	11720 S Pacific	100	S

(RA: Keith Synnott via B. MacGibbon, OR. THFBS, IFRB, ITU, D-87. RELAY CODES: C=Carnarvon. D=Darwin. S=Shepparton. PNG=Papua New Guinea. NZ=New Zealand.)

AUSTRALIA: AUSTRALIAN BROADCASTING COMMISSION (ABC), DOMESTIC SERVICE, ENGLISH LANGUAGE, LATEST INFORMATION:

FREQ	CALL	STATION	KW
2000-2215	11880 VLN1	Melbourne	10
2215-0015	15230 VLN15	"	10
2245-1505	9680 VLA9	"	10
1900-2230	6150 VLR6	"	10
0815-6150	6150 VLR6	"	10
2245-1505	9680 VLR9	"	10
1900-1400	9660 VLO9	Brisbane	10
0000-2400	4920 VLM4	"	10
2100-0030	6140 VLV6	Perth	10/50
0900-1545	6140 VLV6	"	10/50
2200-1545	9610 VLV9	"	10/50
2300-0915	15425 VLV15	"	10/50

(WRTH.)

CANADA: PRIVATELY-OWNED SHORTWAVE STATIONS, ENGLISH AND FRENCH LANGUAGES, LATEST INFORMATION:

FREQ	CALL	STATION	RL
0000-2400	6005 CFCX	Montreal	CPCD
0000-2400	6030 CFVP	Calgary	CJAM
0000-2400	6070 CJRX	Toronto	CFRB
0000-2400	6080 CKFX	Vancouver	CKWX
0000-2400	6130 CHNX	Halifax	CHNS

(WRTH.)

CANADA: R. CANADA INTERNATIONAL, MONTREAL, VIA SACKVILLE RELAY, 64°19'N/45°53'N, PRIMARILY ENGLISH AND FRENCH LANGUAGES, D-87 SEASON:

FREQ	TAR	KW	DAYS
0915-0945	5960 USA, Mexico	250	1234567
0915-0945	9755 S America	250	1234567
1100-1130	5965 USA, Mexico	100	1234567
1100-1300	6120 " "	250	1234567
1200-1400	6085 Canada	100	1234567
1200-1300	9625 " "	100	1234567
1300-1400	11955 USA, Mexico	250	1234567
1300-1400	9650 " "	250	1234567
1300-1400	9625 " "	100	1234567
1300-1330	9610 " "	250	67
1300-1400	17820 C America	250	1234567
1330-1400	6965 USA, Mexico	100	67
1345-1400	9510 " "	250	67
1400-1430	11720 " "	100	1234567
1400-1700	11955 " "	250	67
1400-1600	9625 Canada	100	1234567
1500-1600	15260 USA, Mexico	250	57
1600-1745	15260 " "	250	1234567
2230-2400	9755 C America	250	1234567
2300-0430	6120 USA, Mexico	100	1234567
2300-0300	11960 S America	250	1234567
2300-0100	9635 " "	250	1234567
2330-2400	11850 " "	250	1234567
0000-0500	5960 USA, Mexico	100	1234567
0000-0300	9535 C America	250	1234567

(THFBS, IFRB, ITU, D-87. F. Trescher, PA.)

STATION SKEDS (2): CANADA: CANADIAN BROADCASTING CORP. (CBC), BEAMED TO NORTH CANADA IN ENGLISH, FRENCH, INUKTITUT, CREE:

	STATION	RL	kw
0000-0615	6195	Montreal	Sackville 100
1200-1400	6085	"	" 100
1400-0610	9625	"	" 100
1200-1245	9675	"	" 100
1400-2400	11700	"	" 100

(WRTH and RDI.)

COSTA RICA: RADIO FOR PEACE INTERNATIONAL, SANTA ANA, JOINT PROJECT OF WORLD PEACE UNIVERSITY, OREGON AND UNIVERSITY FOR PEACE, COSTA RICA. STATION NOW IN OPERATION:

	LG	kw	DAYS
1900-2200	21555	EG, SP	2 12345
0100-0400	7375	" "	2 12345

(RFP1, DIRECT, SANTA ANA, COSTA RICA, 11-06-87.)

COSTA RICA: ADVENTIST WORLD RADIO, RADIO LIRA, SAN JOSE, ENGLISH, FRENCH, SPANISH:

	TAR	kw
1400-1800	15460	NAm
2000-2200	15460	Carib.

(ADXR via UDXC, 9-87.)

CZECHOSLOVAKIA: R. PRAGUE, D-87 SEASON, PROGRAMS IN CZECH, ENGLISH, SPANISH AND PORTUGUESE LANGUAGES:

	kw
1200-0500	7345 WEur, NAm 120
1400-2000	15110 S&SE Africa 120
1400-1800	15155 NW&W Africa 120
1400-1500	17730 N&E Africa 250
1400-2200	21505 S&SE Africa 120
1430-0100	11685 S&SE Asia 120
1430-2130	13715 EAfrica, ME 120
1500-0500	11990 WEur, NAm 250
2100-0500	9540 NAm, CAm 120
2100-0500	9630 NAm, CAm 250
2100-0500	9740 SAm, CAm 120
2130-0500	5930 WEur, NAm 120
0000-2400	6055 WEur, NAm 400

(THFBS, IFRB, ITU, D-87. 1988 RDI.
R: Famularo, Japan. J. Kline, CA.)

DENMARK: DANMARKS RADIO, COPENHAGEN, DANISH LANGUAGE, D-87 SEASON:

	TAR	kw
1000-1100	15165 SEur, WAF	50
1100-1200	15165 Greenland, Pacific	50
1200-1252	11865 Australia, Far East	50
1300-1352	15165 ECanada, EUSA	50
1400-1452	6150 NE Asia, Echina	50
1500-1552	15165 EAfrica, ME	50
1600-1652	11845 India, Australia	50
1730-1830	11845 Greenland, Pacific	50
1900-1952	11845 East Africa, ME	50
2000-2052	15145 WAfrica, SEurope	50
2100-2115	11845 Greenland, Pacific	50
2130-2145	11845 SEurope, WAfrica	50
2200-2252	11845 ECanada, E USA	50
2300-2352	6140 CAmérica, SAmérica	50
0000-0052	9590 SAmérica	50

(THFBS, IFRB, ITU, D-87, as modified by RD, 10-8-87. F. Famularo, Japan.)

EQUATORIAL GUINEA: R. NACIONAL DE GUINEA EQUATORIAL, MALABO, LATEST INFORMATION:

	LG	TAR	kw
1600-2200	4925.6	SP, VN	WAF 7.5
1700-2200	9553	" "	" 50
0430-0630	4925.6	" "	" 7.5

(1988 RDI.)

EQUADOR: HCJB, QUITO, ENGLISH LANGUAGE BROADCASTS HEARD IN NORTH AMERICA, D-87:

	kw	TAR
1130-1600	11740	100 NAm, CAm
1200-1600	15115	100 Canada, USA, CAm
1200-1600	17890	100 " "
0030-0130	11910	250 NAm, CAm
0030-0200	15155	100 Canada, USA, CAm
0030-0700	9870	100 USA, CAm
0200-0700	6230	100 USA, Can

(HCJB, DIRECT, 10-20-87. THFBS, IFRB, ITU, D-87. W. Muzyka, NY. F. Trescher, PA.)

FRANCE: R. FRANCE INTERNATIONALE, PARIS, FRENCH, ENGLISH, PORTUGUESE AND SPANISH LANGUAGES, D-87 SEASON:

	TAR	kw
1130-1345	11705 ECNA, CAm	100
1130-1700	15365 " "	100
1130-1700	17720 " "	100
2200-2400	5955 NAm, CAm	100
2200-2300	9715 SAm, CAm	500
2200-2400	11955 CAm, SAm	500
2200-0200	11965 SAm	100
2300-0030	9715 USA, CAm	100
0030-0200	9715 SAm, CAm	500
0200-0300	9715 USA, CAm	100

(THFBS, IFRB, ITU, D-87. F. Trescher, PA.)

GERMAN DEMOCRATIC REPUBLIC: R. BERLIN INTERNATIONAL, PROGRAMS IN GERMAN, ENGLISH AND SPANISH LANGUAGES, D-87:

	TAR	kw
2200-0545	6125 ECNA, CAm	500
2300-0200	11705 SAm	500
2300-0400	9645 " "	100
2300-0715	6040 " "	500
2330-0400	6070 CAm, Mex	100
0030-0400	6080 CAm, NAm	100
0400-0645	9565 SAm	100
0530-0715	9770 " "	500

(THFBS, IFRB, ITU, D-87. J.J. Kline, CA.)

IRAN: ISLAMIC REPUBLIC OF IRAN BROADCASTING (IRIB), TEHRAN, LATEST INFO:

	kw	TAR
0900-2200	6165	500 Middle East
1000-1500	9770	500 " "
1030-1500	11790	500 S&SEAsia
1100-1730	9685	500 Middle East
1300-2130	7230	100 NAF, ME
1500-2200	11705	500 W USSR, ME
1530-0230	9022	350 NA, ME
1630-2130	9770	100 ECNA, WEur
1730-2030	6080	500 Middle East
2030-0115	9610	500 NE Africa, ME
0000-2400	15084	250 NAm, Eur, ME
0200-1200	6090	500 Middle East
0300-1700	9670	50 NE Af, ME
0330-1900	11745	100 NE Af, ME
0500-0900	11790	500 Middle East

(THFBS, IFRB, ITU, D-87. 1988 RDI.
LANGUAGES: Farsi, Arabic, Bengali, Urdu, French, English.)

ITALY: RADIOTELEVISIONE (RAI), ITALIANA, ROME, BROADCASTS BEAMED TO AMERICAS IN ITALIAN, ENGLISH AND SPANISH, D-87 SEASON:

	TAR	kw
1345-1430	17715	EXC Canada 100
1815-1915	15245	CAm, SAm 100
1815-1915	11905	EXC Canada 100
2215-0230	9770	SAmérica 100
2215-0330	9710	" 100
2215-0130	5990	NAm, CAm 100

(B. Fraser, MO) (J. Somers, CA.)
(THFBS, IFRB, ITU, D-87. F. Trescher, PA.)

STATION KEYS (3): JORDAN; HASHEMITE KINGDOM BROADCASTING SERVICE, AMMAN, ARABIC LANGUAGE, D-87 SEASON:

	TAR	kW
1500-1730	WEur, NNAF	100
1500-2330	Middle East	100
1900-2230	Eur,NAF,ME	100
0300-0730	" " "	100
0830-1400	" " "	100

(THFBS, IFRB, ITU, D-87.) (F. Trescher, PA)

LAOS (PDR): LAO NATIONAL RADIO, VIENTIANE, FOREIGN SERVICE PROGRAMS, LATEST INFORMATION:

	LG	kW
1130-1400	TH, KM, VT	
	FR, EG	10
2300-0239	ditto	10
0400-0630	ditto	10
1100-1130	FR*	10
1100-1130	FR*	10
1100-1130	FR*	10

(LNR, F. Trescher, PA. *French language programs transmitted to Europe via satellite.)

LEBANON: VOICE OF HOPE INTERNATIONAL RADIO NETWORK, SHORTWAVE SOUTH LEBANON, D-87 SEASON:

	LG	TAR	DAYS
1000-1430	AR	ME	1-7
1430-1600	EG	ME, India	1-7
1600-1900	RS, UK	USSR, EUR, ME	1-7
1900-1930	GR	" " "	7
1930-1945	2000	SC	" " "
1945-2000	FR	Europe	1-5
1945-2000	6280	SW	" "
1945-2000	6290	HG	" "
0300-0600	6215	AR	Middle East
0600-1000	6215	EG	" "

(Via KV0H, USA, 10-7-87.)

MEXICO: R. MEXICO INTERNATIONAL, VIA MEXICO RELAY, G.C. 99°03'W/19°16'N, D-87 SEASON, SPANISH LANGUAGE:

	TAR	kW
1200-0800	Mex	5
1200-2000	6035	NAm, Mex
1200-0600	6165	Mex
1200-2000	9750	NAm, SAm
1200-2000	11720	CAm, SAm
1200-0600	11740	Mex
1200-2000	15120	SAm, Mex
1200-1700	15160	Mex
1300-1700	5985	Mex
1300-1700	11770	NAm, Mex
1400-1600	15430	CAm, Mex
1700-2300	15160	WEur, NAF
2000-0500	15430	CAm, NAm
2000-2300	17765	NAm, NSAm
2100-0600	11880	NNAF
2100-2400	15125	NAm
2300-0300	6035	Mex, NAm
2300-0300	9750	NAm, SAm
2300-0200	11720	CAm, SAm
2300-0400	11770	Mex, NAm
2300-0300	15120	Mex, SAm
0000-2400	6110	NAm
0000-2400	6110	CAm, NSAm
0000-0100	9615	Mex, CAm
0000-2400	15110	NAm, CAm
0000-2400	15110	SAm
0000-2400	15110	WEur
0000-0400	15125	WEur, NAF
0100-0600	9515	NAm, NSAm

(THFBS, IFRB, ITU, D-87.)

MONACO: TRANS WORLD RADIO, MONTE CARLO, 100 KW TRANSMITTER POWER, D-87 SEASON:

	LG	TAR	DAYS
0645-0700	AR	W USSR	12345 7
0725-0940	7105	EG	WEur, U.K.
0800-0820	9610	NW	NEur
0905-0920	7205	GM	WEur
0926-0943	9495	CZ	EEur
0940-1055	7105	EG	WEur, U.K.
0745-1000	9495	HG	EEur
1002-1017	9495	PL	NEur
1105-1120	6230	GM	WEur
1145-1200	5945	FR	WEur
1300-1315	7205	CL	WEur
1330-1345	7205	SC	EEur
1355-1525	11635	RS	W USSR
1430-1500	6230	GM	WEur
1530-1645	9495	RS	W USSR
1529-1544	12025	KZ	S USSR
1545-1600	12025	FS	Iran, ME
1600-1615	12025	KD	Iran, ME
1600-1630	7350	MC	EEur
1615-1630	12025	TK	Turkey, ME
1647-1702	6230	SV	EEur
1700-1730	7250	PL	NEur
1702-1732	6230	NG	EEur
1732-1747	6230	BG	EEur
1800-1830	5945	RM	EEur
1800-1815	7315	RS	W USSR
1830-1845	7350	UK	W USSR
1845-1900	7350	BL	W USSR
1902-1932	5945	ES	W USSR
1930-1945	7315	AM	SW USSR
2000-2030	6230	RS	W USSR

(TWRM, 10-20-87, DIRECT. 1=Monday, etc.)

PAPUA NEW GUINEA: NATIONAL BROADCASTING COMMISSION, BOROKE, LATEST INFORMATION: NATIONAL SERVICE, KARAI S.W. STATIONS:

STATION, LOCATION	FREQ.	LG	kW
P2K3, Port Moresby	3925	EG	10
P2K4, Port Moresby	4890	"	10
P2T4, Port Moresby	4890	"	10
R.W. Highlands, Mt. Hagen	5965	"	2
R.N. Solomons, Kieta	6020	"	10
R. Milne Bay, Alotau	6040	"	10
R. Western, Daru	6080	"	10
R. Sepik, Wewak	6140	"	10
P2T9, Port Moresby	9520	"	10
PsK9, Port Moresby	9575	VR	10
P2K11, Port Moresby	11880	"	10
R. E. New Britain, Rabaul	5985	EG	10
PROVINCIAL SERVICE, KUNDU S.W. STATIONS:			
R. Simbu, Kundlawa	2376	PG	2
R. Enga, Wabag	2410	"	2
R. W. Sepik, Vanimo	3205	"	2
R. Morobe, Lae	3220	"	2
R. Western Britain, Kimbe	3235	"	2
R. Gulf, Kerama	3245	"	2
R. Madang, Madang	3260	"	2
R. S. Highland, Mendi	3275	"	2
R. Central, Port Moresby	3290	Motu	2
R. Western, Daru	3315	"	2
R. Manus, Lorengau	3335	PG	2
R. N. Solomons, Kieta	3325	"	10
R. E. Sepik, Wewak	3335	"	10
R. Northern, Popondetta	3345	Motu	2
R. Milne Bay, Alotau	3360	"	10
R. W. Highlands, MTHagen	3375	PG	2
R. E. New Britain, Rabaul	3385	"	10

(PNG via IDXCI, ADXR, Calcutta.)

STATION SKEDS (4): QATAR, QATAR BROADCASTING SERVICE, DOHA, ARABIC, D-87:

	TAR	kw
1300-2130	9535 WEUR,U.K.	250
1300-1700	11820 " "	250
0245-0700	9585 NAF,ME	250
0245-0700	11785 " "	100
0800-1300	15395 " "	250
0800-1300	17860 " "	100

(THFBS, IFRB, ITU, D-87. 1988 RDI.
Via ADXN, ARDXCI, 10-87.)

SWEDEN: R. SWEDEN INTERNATIONAL, STOCKHOLM, BEAMED TO AMERICAS, D-87:

	LG	TAR	kw
1400-1430	9695 EG	W&C NAM	350
1400-1430	15345 " "	E&C NAM	350
1430-1500	15345 SV	" "	350
1700-1730	15390 SV	ECNA	350
2300-2330	6065 EG	E&C NAM	350
2300-2330	9695 " "	ECNA	350
2330-0000	11705 SV	C&SAm	350
0200-0230	9695 " "	W&C NAM	350
0230-0300	9695 EG	" "	350

(RSI, DIRECT, 10-20-87. THFBS, IFRB, ITU, D-87. F. Trescher, PA.)

(R. Lemke, AB, Canada.)

TURKEY: THE VOICE OF TURKEY, ANKARA, D-87, HEARD BY SPEED'ER IN EUROPE AND BY SPEED'ER IN U.S.A., ON SHORTWAVE:

	LG	kw	TAR
2100-2150	7215 EG	250	Europe, NAM
2300-2350	7135 " "	250	" "
2300-2350	7160 " "	250	Middle East
2300-2350	9445 " "	250	" "
2300-2350	17760 " "	500	SE Asia
0400-0450	9445 " "	250	ECNAmerica
0400-0450	17760 " "	500	SE Asia

(J. Kline, touring Europe, B. Bundy, NY.)

UNITED ARAB EMIRATES: U.A.E. RADIO AND T.V., DUBAI, ARABIC AND ENGLISH LANGUAGES, D-87 SEASON:

	TAR	kw
1100-2300	15300 NEUR,WEUR	300
1500-2300	11955 NAF,ME	300
2300-0400	9565 C&Ecan&USA	300
2300-0400	9640 " "	300
2300-0400	11940 " "	500
2300-0400	15320 " "	300
0400-0600	11730 SEAsia, Aus	350
0400-0515	15435 " "	300
0400-0615	17775 " "	300
0400-0615	21700 " "	300
0400-0615	15320 " "	500
0615-2300	11940 NEUR,WEUR	300
0615-1100	21605 " "	300
0615-2300	15320 " "	500
0615-1500	17775 " "	300

(THFBS, IFRB, ITU, D-87. 1988 RDI.
Via ADXN, ARDXCI, 10-87.)

(J. Kline, CA.)

UNITED KINGDOM: BBC, WORLD SERVICE, ENGLISH LANGUAGE, VIA NEW HONGKONG (TSANG TSUI) RELAY STATION, G.C. 113°55'E/22°25'N, D-87 SEASON:

	TAR	kw
0815-0945	7180 E&NE Asia, Phil.	" "
1300-1445	7160 " "	" "
1300-1615	5995 " "	" "
1500-1615	7160 " "	" "
2245-2330	5965 " "	" "
2245-0030	15435 " "	" "
2330-0030	11820 " "	" "
0400-0815	15260 " "	" "

(LC, 11-87. ADXN, ARDXCI, 10-87.)

(C. Radtke, CA.)

U.S.A.: ARMED FORCES RADIO AND T.V. SERVICE (AFRTS), SUN VALLEY, CA., D-87 SHORTWAVE SCHEDULE, ENGLISH LANGUAGE:

	kw	TAR	RL
0800-1400	15265	250	Middle East MUN
0900-1100	9530	175	Eur,NAF BY
0900-1300	6030	250	C&SAm BY
1000-1400	6125	125	Ataska DL
1100-2300	15430	175	Eur,NAF BY
1300-2200	15330	175	C&SAm BY
1500-2100	9700	100	SE Asia DL
2100-0300	15345	100	" " DL
2200-0700	6030	250	Eur,NAF BY
2200-0700	6030	250	C&SAm BY
0300-0700	11730	175	SE Asia DL

(AFRTS, 10-15-87, DIRECT. RELAY CODES: MUN=Munich. SEE BELOW FOR OTHER CODES.)

U.S.A.: VOICE OF AMERICA, WASHINGTON, D.C., ENGLISH LANGUAGE PROGRAMS HEARD ON WCNA, D-87 SEASON, VALID UNTIL 3-26-88:

	TAR	kw	RL
1100-1400	6110	Indonesia	TIN 250
1100-1700	9760	S&SE Asia	TIN 250
1100-1500	7230	SE Asia	PORO 30
1100-1500	11715	NE Asia	TIN 250
1400-1900	6110	" "	TIN 250
1600-1700	15165	S Asia	TIN 250
1600-1830	15600	S Africa	MVA 250
1600-2300	17785	W&C Africa	GR 500
1600-2300	17800	" "	BY 250
1600-2300	17870	C&S Africa	MRV 250
1600-1900	9575	E&S Africa	TIN 250
1600-2200	15400	W Africa	GR 500
1600-2300	15445	S&C Africa	MRV 250
1600-2200	15580	W Africa	GR 250
1600-1900	11920	E Africa	TIN 250
1700-2300	17705	C&S Africa	MVA 250
1800-1900	11740	S Asia	TIN 250
2200-0100	15290	NE Asia	PORO 100
2200-0100	17740	S Asia,IndOc	TIN 250
2200-0100	9770	S&SE Asia	TIN 250
2300-0300	9455	C&S America	GR 250
2330-0400	15205	" "	GR 500
0000-0200	11740	C America	DL 250
0000-0400	5995	C&S America	GR 250
0000-0400	6130	" "	GR 500
0000-0400	9650	C America	DL 250
0000-0300	9775	C&S America	GR 250
0000-0300	9815	C America	DL 250
0000-0300	11580	C&S America	GR 250
0000-0100	11695	" "	GR 250
0000-0200	11740	" "	DL 250
0100-0400	17735	S&SE Asia	TIN 250
0300-0430	6030	S&W Africa	MRV 250
0300-0800	7280	C&S Africa	MRV 250
0300-0500	9550	W&S Africa	MRV 250
0300-0600	9675	W&C Africa	BY 250
0500-0800	6030	W&S Africa	MRV 250
0500-0800	9540	W&C Africa	MRV 250
0600-0800	6080	" "	GR 500
0600-0800	6125	" "	BY 250
0600-0800	9530	" "	GR 500

(THFBS, IFRB, ITU, D-87, ON-BAND. VOA, 10-20-87, DIRECT. B. Fraser, MA. RELAY CODES: BY=Bethany, Ohio. D=Delano, CA. GR=Greenville, N.C. KAV=Kavala, Greece. MVA=Monrovia, Liberia. TIN=Tinang, Phillipines. PORO=Pororo, Phillipines.)

U.S.S.R.: ARMENIAN RADIO, ARMENIAN S.S.R., YEREVAN, LATEST INFORMATION:

	LG	kw	TAR
0200-2100	4940	RS 15	S USSR
0200-1300	4990	AM 50	S USSR

(1988 RDI.)

NORTH AMERICA AND THE CARIBBEAN

SEND DIRECT LOGGINGS BY THE 12TH OF THE MONTH TO:

Thomas F. Sable
University of Scranton
Scranton, PA 18510-2192

ALASKA KNLS

6150 1003 Sonya Ellis hosts "All That Jazz" (444 11/25 Kline-CA)
7355^{af} 1804 Sounded Words(242 11/25 Lemke-Alberta)

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

6040 0120 DW German Press Review; Germany Today (444 11/23 Brown-IL)
6045 0300 DW ID, IS (422 11/15 Brown-IL)
6085 0100 DW "Germany Today"(444 11/6 A.Jones-TN)
6175 0220 BBC "Network UK" (444 11/12 Brown-IL)(444 11/6 A.Jones-TN)
9640 0602 BBC IS, ID (444 11/15 Brown-IL)(333 11/6 Kerrigan-IL)

CANADA *R. Canada International**Northern Quebec Service**BBC relay**DW relay** R. Japan relay*

5960 0347 RJ "Let's Learn JJ" (555 11/10 Brown-IL)(333 11/9 Cole-CO)(444 11/8 Neff-FL)
5960 0210 CBC Cuban prisoner update; London subway fire (444 11/24 Brown-IL)(444 11/3 Langlois-FL)
5965 1243 BBC Rock mx. "Sports Roundup"(555 11/3 Trescher-PA)
6005 1758 CFVC Phone-in show, ID (444 11/26 Bishop-NY)(555 11/10 Trescher-PA)
6030 2106 CFVP Rock mx, id: "AM 106" (242 11/25 Lemke-Alberta)
6070 1818 CFRX Boxing Day (444 11/26 Bishop-NY)
6120 1137 RJ DX Corner: Ian McFarland on RCI DX progs. (444 11/22 Westenhaver-QU)(555 11/20 Robinson-TN)(555 11/26 Alexander-NJ)(444 11/18 Levison-PA)(444 11/14 Fraser-MASS)
6130 1825 CHNX Moody Blues mx. ads (433 11/26 Bishop-NY)
6160 2133 CKZU Almanac; open line talk show (343 12/3 Jessen-OR)
6160 2133 CKZN OM and YL talk (322 11/28 Bishop-NY)
6195 0530 NQS Songs by Bing Crosby (343 11/20 Jessen-OR)(444 11/15 Brown-IL)
9625 1905 NQS OM and YL tk (444 11/18 A.Jones-TN)
9750 2230 RCI OM and YL talk of Quebec cinema(555 11/10 Robinson-TN)
9755 0224 RCI Proposed tunnel between New Brunswick and Prince Edward Island (555 11/17 Wright-Manitoba)
11720 1400 CBC "The House" //9625 (555 12/5 Alexander-NJ)(444 11/18 Bishop-NY)(444 11/16 Witte-CA)(444 11/8 Neff-FL)
11945 2115 RCI Listeners' Corner (444 11/8 Neff-FL)
15150 2130 RCI IS, ID, nx (444 12/3 Jessen-OR)
15325 2125 RCI SWL Digest; Music Spot (444 11/7 Kline-CA)

CUBA *R.Habana**R. Rebelde relay**Radio Moscow World Service relay*

4765 1214 Mayak Relay RR; Russian mx, YL gives commentary(555 11/3 Trescher-PA)(444 11/2 A.Jones-TN)(233 11/24 Roach-CA)
5025 1221 RR SS; ID, OM and YL give commentary (423 11/3 Trescher-PA)(353 11/30 D'Angelo-PA)
6140 0114 RHC Sports nx, nx about Cuba (433 11/10 Westenhaver-QU)(Roach-CA)
6090 0216 RHC "Sports Review" (555 11/5 Wright-Manitoba)
9670 1958 RHC FF; wx in Habana and nx (444 11/23 Westenhaver-QU)(444 11/19 Janusz-NJ)
11750 1130 RHC SS; El Jefe y la revolucion (555 11/9 Robinson-TN)
11760 2200 RHC SS; Candide (555 11/15 Robinson-TN)+1
15340 1400 RHC SS; ID and freqs.(322 11/24 Westenhaver-QU)

DOMINICAN REPUBLIC **R.Discovery**R.Clarin**R. Santiago

- 6025 1143 R. Amanecer SS; song: Thank You Jesus (433 12/6 Westenhaver-QU)ID and address: Box 1500 in Santo Domingo (433 11/28 Atkins-GA)
 11700 2115 RC relay of V.del C.I.D.(343 11/28 Blight-MD)domestic and international news (444 1/11 Card-RI)

HAITI

- 4930 2232 4VEH SS; Religious program: talk and hymns (322 12/6 Westenhaver-QU)

MONTSEERRAT *Deutsche Welle Relay*

- 9700 0300 DW U.S.-Greek talks break off(444 11/13 Brown-IL)(555 11/20 Wright-Manitoba)

NETHERLANDS ANTILLES *Radio Nederland**Trans World Radio*

- 6020 1037 RN Nx: S. African plane crashes; "Shortwave Feedback" (444 11/27 Brown-IL)
 6165 0230 RN "Happy Station"(444 11/23 Kline-CA)(544 11/14 Brown-IL) (444 11/12 A.Jones-TN)
 9590 0304 RN "Media Network," "Propagation Report"(555 11/19 Brown-IL)(444 11/14 Neff-FL)
 9650 1030 RN "Happy Station" (343 11/28 Brown-IL)
 17605 1830 RN "Happy Station"(444 11/15 Fraser-MASS)

PIRATES

- 6305 1130 V. del C.I.D. program about Ludwig von Beethoven (555 11/8 Robinson-TN)
 6600 0256 ?Unidentified Pirate? Creedance Clearwater Revival mx (353 11/18 D'Angelo-PA)
 6667 0159 V. Alpha 66 Shouts of "Viva Cuba Libre!" (353 11/10 D'Angelo-PA)
 9940 0100 V. del C.I.D. SS; nx (344 11/27 Blight-MD)
 9960 0000 R. Caiman SS; Big band swing era mx (344 11/27 Blight-MD)(353 11/30 Sampson-WI)
 11635 2230 R. Camilio Cienfuegos-V. del C.I.D. Hooray for Hollywood, comedy routine, classical mx (555 11/16 Robinson-TN)

UNITED STATES OF AMERICA **Voice of America**Voice of Free China**Armed Forces Radio and Television Service**Radio Marti**Voice of the Organization of American States**

- 5950^{nf} 0400 WYFR Program schedule (444 11/14 Jessen-OR)(444 11/23 Lemke-Alberta)(433 11/16 Westenhaver-QU)
 5985 0719 VOFC Taiwan economic report (444 11/23 Lemke-Alberta)(544 12/29 Alexander-NJ)(555 11/15 Brown-IL)(555 11/3 Trescher-PA)
 5995 1250 WHRI Religious mx: Have Faith, ID, freqs.(534 11/3 Trescher-PA)
 6030 0150 AFRTS Music news notes about Christmas (555 12/2 Brown-IL)
 6040 1130 VOA Sandinistas, U.S. Industrialists,mx (555 11/8 Robinson-TN)
 6095 1645 WHRI OM, ID, mx (444 11/12 Langlois-FL)
 6160 1152 VOA Reagan-Gorbachev summit (444 12/4 Westenhaver-QU)
 6185 0602 WRNO ID, rock mx (544 11/15 Brown-IL)
 7355 0801 WHRI QSL card address, religious program (333 11/23 Kerrigan-IL)
 7365 0825 WCSN Monitor editorials, nx headlines, "Letterbox" (353 11/17 Shaffer-PA)
 7400 0320 WHRI Radio Earth: Skyline (444 11/10 Neff-FL)
 9455 2200 VOA nx of Brasilia, Jim Wright, Daniel Ortega (555 11/16 Robinson-TN)+1
 9455 1900 WYFR Family Bible Reading Fellowship(444 11/8 A.Jones-TN)
 9495 0531 WCSN Monitor Forum, Jazz (333 11/6 Kerrigan-IL)
 9495 2219 WRNO Top Ten (444 11/18 Lemke-Alberta)(555 11/1 Wright-Manitoba)
 9515 0301 BBC Nx: hang glider attack in N. Israel(444 11/25 Brown-IL)
 9530 1009 AFRTS PSAs. "Armed Forces Digest" (454 11/21 Kline-CA)
 9555 0231 VOFC Week in review (444 11/25 Brown-IL)
 9640 2130 VOA Creole; Nx and commentary (444 11/11 A.Jones-TN)

United States of America (cont.)

9650 0153 VOA Baseball in the Olympics. "Report to the Americas" (444 11/30 Brown-IL)
9850 0305 WCSN Ulster Peacekeeping Regiment (343 11/10 Neff-FL)
11695 *2130 VOA Creole: ID and freqs. for Caribbean (343 11/14 Famularo-JA)
11735 1940 KCBI Mx, ID, religious program (444 11/8 Neff-FL)(444 11/29 Janusz-NJ)
11740 0055 VOA Special English; Turtles (343 11/24 Brown-IL)
11930 1453 RM SS; Mx program with YL announcer(333 11/13 Kerrigan-IL)(444 11/18 Lemke-Alberta)
11950 0355 VOA SS; Instrumental mx, ID in EE (222 11/11 Famularo-JA)
13695 2012 WYFR Open Forum (444 11/18 Lemke-Alberta)+1
13760 2000 WHRI Anti-abortion program (444 11/15 Soomre-MA)(444 11/15 Fraser-MASS)
15120 2208 VOA Caribbean nx, "Caribbean Report" (444 11/21 Kline-CA)
15185 2215 WINB Religious talk (322 11/17 Jessen-OR)(353 11/29 Muzyka-NY)
15195 1830 VOA Nx with s/off at 1830 (444 11/20 Jessen-OR)
15295 1930 WINB Inspirational mx (444 11/15 Neff-FL)
15345 2230 VOA Fort Defiance, Navajo AIDS deaths (555 11/12 Robinson-TN)
15410 1835 WRNO Top Ten Countdown (444 11/15 Neff-FL)
15410 1730 VOA "MusicTime Africa"(444 11/8 Neff-FL)
17612 1928 WYFR Duet on hymn by YLs (434 11/21 Jessen-OR)(444 11/25 Lemke-Alberta)(444 11/19 Addison-KS)
17775 2115 KVOH Inspirational program and mx (444 11/21 Neff-FL)
17800 1941 VOA "Sounds of Soul" (444 11/18 Lemke-Alberta)
17830 2057 WHRI Christian mx (444 11/18 Lemke-Alberta)

KNLS's latest schedule (effective November 16) is as follows:

0800-1100 in English on 6150 kHz
1100-1400 in Chinese on 7365 kHz
1400-1500 in Japanese on 6100 kHz
1500-1700 in Russian on 7355 kHz
1730-2030 in English on 7355 kHz
2030-2300 in Russian on 7355 kHz

I hope that this is of some help to those trying to confirm Alaska. Thanks to Ruth Hesch, William Westenhaver, and KNLS for the schedule.

Computer Users : The North America and Caribbean Column BBS may be reached by dialing *(717) 961-6141 from 10 pm to 8 am daily.

Radio Habana Cuba has been noted on 9525 kHz for the 0600-0800 English broadcast to the west coast of North America.

Last month's contest is still in effect: The first logging to this address of the new Salt Lake City shortwave outlet will receive a Steamtown, U.S.A. T-shirt. It seems that the holiday time has been a good one for shortwave listening. I hope that Santa has been good to you all and the new rigs are running smoothly. My thanks to all who sent me a Christmas card, especially those I haven't had a chance to answer yet. Best wishes for the New Year from snowy Pennsylvania. Now for the usual ending: remember to send the snowflakes, er, I mean the loggings to me by the twelfth of the month or our intrepid CDE:

David Jones
2120 -C Mockingbird Lane
Box 8
Springfield TN 37172

by the sixth of the month.

✂ Please cut those ✂----- loggings-----✂.

Bye for now,

T.A.S.

LATIN AMERICA
CARL HUFFAKER
 Apdo Postal 41-507
 11001 Mexico, DF
 MEXICO

FREQUENCIES in Kilohertz DEADLINE: 12th TIMES/DATES in UTC

XP2MEX mm. is a "ham rig on a ship". Both in frequency and in location it's outside the coverage of this column. But it represents the history of Latin America, and too, the spirit of adventure that's latent in most DXers, so a profile of the man who is the station seems appropriate. I logged them a Sunday ago, and I remembered the departure, a quick handshake and "Good luck on the part of the American DXers". I hope I made it your station.

Vital Alsar was born in Santander, but lives in Mexico. He's a quiet man, perhaps the long months at sea have made him so. He's well versed in technology, and in the ways of the old navigators whose voyages he reconstructs. But his story neither begins nor ends with the Marisalante Santa Maria, his present ship.

In 1966, he sailed from Guayaquil in a "balsa", a copy of the Ecuadorian aboriginal raft, bound for Australia. After 5 months, the raft failed and the voyage ended short of its goal. Four years later, with a crew of 3, he tried again, and after 161 days, landed in Australia. In 1973, with a fleet of 3 balsas and a crew of 12, he sailed non-stop from Ecuador to Australia in 179 days. Perhaps some old timers have QSL's from those voyages.

In 1977, at the headwaters of the Goca, he constructed 3 ships, replicas of those that Francisco de Orellana had built there in the 16th Century, then followed his route to Belém via the Napo and the Amazon. Neither expedition, nor I either, discovered the legendary site of El Dorado. My map on the wall shows QSL flags for most of the towns along the route, an interesting project for a DXer who wants something besides just Ecuador, Peru, and Brasil.

Work on the Santa Maria started in 1980. Between the time required to teach shipwrights the old methods of construction and the economic ups and downs of the country, it was a long process. Finally, on the 26th of September this year, she sailed from Alvarado, Veracruz. As you read this, XP2MEX will be somewhere in the Atlantic en route to Spain. If you log the station on 15285 or 7085 kHz., you can send the reports to me for forwarding. In construction, the ship is an excellent reproduction of the original, but with the sail plan somewhat reduced so it can be handled by the small crew of 18.

For 1992, Vital plans to follow the route of Columbus in a three ship reconstruction of his fleet. The 86 man crew will be composed entirely of those born in the New World. Perhaps there's an opening for a radio op.

The relationship between man and the sea has little changed over the centuries. There are still those who make long voyages living from the sea, and the winds still favor those who depend on sail. But in navigation, it's radio that made the difference. Latitude was always known. Even the primitives sailed to under a star, then turned East or West. Longitude required exact time and remained uncertain even through the days of chronometers. It was the time stations, those once a second ticks that we use to set the shack clock that brought exact navigation to even the most primitive of craft. The next time you log a time station, pause a moment, and perhaps imagine that somewhere someone in an expanse of open sea surrounded by an unbroken horizon hears that pulse and knows where they are.

What's in a name? On the next page

My wife, born in Santandar, insists that I explain that Santandar is the historic seaport in the North of Spain that produced the men, and women, that discovered, conquered, explored, and settled Latin America. From the "Latin temperament" that historically has, and still characterizes, so much of the region, I tend to agree. The following is a SPEEDX exclusive based on a conversation between her and Alsar. (I couldn't get a word in edgewise, so it wasn't an interview.)

When the Santa Maria was under construction, it like so many projects of the sort, ran low on financing. After two years, funds were found, and the ship became a Veracruz museum. Now Mexico still operates under very oppressive anti-church laws that date back to the 20's. Through the efforts of several Americans, Morrow, Will Rogers, Lindberg, and others, these became slowly ignored, until today, except for minor restrictions, it is a country of religious freedom, especially in respect to its 96% Catholic population. Some officials, their interpretation of the duties of their office, sometimes revert to enforcing the old, still-existent laws, and in this case, some insisted that the project, the ship's name, be changed. Columbus, the historians tell us he was Jewish, readily accepted the greatest of Catholic names for his flagship, and 500 years of history have made it permanent. But adding Marigalante, which translates loosely "lady of the evening", was either accidentally or intentionally, what many consider blasphemy. Tempers flared, but the realities of finance prevailed, and the combination became the official name.

Already, this is the DECEMBER column. Season's greetings to all, and to all in the North, good DX through the long, cold nights of winter. Let's look at Latin America. The holidays start Dec 14th with "Posadas" commemorating the Holy Family's wandering toward Jerusalem. It's the party season that doesn't end until Three Kings Day on Jan 7th. Throughout this period, many stations carry late, or all-night broadcasts as background and dance music. There's Midnight Mass on Christmas and New Years, and few of the local stations fail to carry these broadcasts. The Colombian station usually form nets of all-night music, but watch the ID's on these as the local announcers often miss their cue for station breaks. A few of the inactive stations just might fire up their transmitter for the holidays, and these are real catches. And there'll be bits of the American Christmas. You'll hear "Jingle Bells" from stations sweltering in the jungle, and Bing Crosby's "White Christmas" more times than any season in the 40's.

While I'm waiting for today's mail -- this month produced another crisis in the schedule -- I'll add a note on Radio Educación, which around the 1st of the year, will increase power and become a new catch to many. The station's MW call is XEEP and the SW call XEPFM. They use both in their formal ID's, but WRTN has, for several years, listed XEEP as the call for both frequencies. Their address is Angel Urrea 622, 03100 Mexico, DF., a rather impressive building with both calls and frequencies in large metal letters. Originally, the station was XEICM, La Voz del Mastero, one of Mexico's early educational stations. The call was changed to XEDPM about 1977 when the administration was moved to another section of the Secretariat of Education. Radio Educación, XEEP, MW 1060, had taken over the MW, but not the SW frequency of another government station Radio Gobernación. In 1979, the two were combined into the present station, and the SW call changed to XEPFM. Their programs today are certainly not classroom in format, but feature long blocks of regional music, sometimes with an excellent commentary on the roots and influences that created each characteristic type. The present group is young and aggressive and plan to provide educational radio for the remote Indian areas in the northwest of the country. Logistic problems are yet to be solved, and approval, probably awaits the next President, but educational radio, which started in Mexico, is looking toward the future.

Now to the logs. Unless otherwise indicated, the language is Spanish, or for Brazil, Portuguese. I'll round off the frequencies to the nearest kHz. This will indicate if the station is above or below the nominal frequency yet not confuse the column with a redundant line of zeros. Thanks for your comments on this.

ARGENTINA

4588 01:04 R Rivadavia sports bdcst on USB (333 10/04 Ross-ONT)
4855 00:20 R Rivadavia futbol, ID with time pips and a rolling "Raaddiio Rriivvdaavvvvia" on the half hour (9/10 Rippel-WA)
9690 02:00 RAE Nx, microprograms of tangos (444 9/15 Weiss-OH)(Ainsworth-WA)
(Bishop-NY)(Wright-MB)(Ryan-NY)(Jones-TN)
11710 02:02 RAE BE Nx, "This is Argentina" (222 9/20 Wright-MB)

BELIZE3285 11:00 Radio One EE ID, morning prayer (443 9/7 Laves-TX)BOLIVIA

4649 01:38 R Santa Ana(tent.) guitar Mx, no ID heard on the hour, but nothing on 4749 kHz. (322 9/27 Ross-ONT)
 6106 23:26 R Panamericana SS pop Mx, Mx ID "Panamericana" several times (444 10/03 Ross-ONT)
 6015 09:56 R El Mundo end of s/on anmt, OM with prayer, YL "Buenas dias en Santa Cruz, es la música de El Mundo", echo-effect "El Mundo" ID's (222 11/1 Laves-TX) (out of order. sorry. ch.)
 6140 09:44 R Luis de Fuentes (tent.) nondescript LA Mx, several ads for San Antonio (farmicia ?) and Banco Agricola de Bolivia, possible ID at 10:02 (323 10/30 ch-MX)

BRASIL

3325 03:40 R Liberal Brazilian pops & fast-talking DJ with ID's, covered by RTTY at 03:58 (242 9/9 D'Angelo-PA)
 3375 09:58 R Ed Guajará Mirim long full ID and into accordian ballads (333 10/23 ch-MX)
 4805 23:58 Rdif do Amazonas OM Tx, no ID on the hour (422 10/6 Bishop-NY) (they ID when they finish a tape or sermon. ch.)
 4875 02:21 R Nac, Boa Vista ballads, "Nacional" ID at 02:30 (232 10/26 ch-MX)
 4880 07:59 Rdif Acreana signing on with choral NA (?) and full ID (242 10/30 ch-MX)
 4885 08:35 R Clube do Para ID & promo, DJ yak, another ID at 08:37, the freq clear at this hour (242 10/26 ch-MX)
 4895 08:03 R Baré Mx, TC's following trumpet, musical & spoken ID's at 08:23 (343 10/23 ch-MX)
 4915 03:28 R Anhanguera pop Mx, ID at 03:30 (222 9/9 Ryan-NY)(Laves-TX)
 4915 00:05 R Nac, Macapa "Radio Nacional, Macapa" suddenly through impossible QRM (222 11/8 ch-MX)
 4965 07:55 R Poti pop Mx, full ID at 08:02 (333 9/17 Shaffer-PA)
 4985 08:20 R Brasil Central mellow pops, frequent ID's (353 10/11 Laves-TX)
 5025 09:06 R Transamazonica Rel Px "Palabra de Dios", "R Transamazonica" ID (232 10/30 ch-MX) (The Px is a PP translation of the SS Px. ch.)
 6000 08:57 R Guafba EZL Mx, Tx about Brasil, ID (232 10/26 ch-MX)
 6020 08:32 R Gaucha MOR Mx, ID (242 11/1 Laves-TX)
 6180 09:35 R Nac do Amazonia Mx, many ID's (444 10/2 Miller-CA)
 11745 02:00 R Nac do Brasil EE Px (545 9/11 Jones-TN)(Neff-FL)(Bishop-NY) (Wright-MB)
 11785 02:55 R Guaiba Tx, ID at 03:11, Mx (333 9/8 Wright-MB)
 11856 22:00 R Aparecida (I think this Px was "Encontro DX", but too weak to tell. Heard bite and pieces of scheds, etc. They offer a special QSL card for the Px (232 10/17 Wilkins-CO)
 11915 02:30 R Gaucha fast Tx by OM, the R Gaucha ID with mention of Porto Alegre (343 10/30 Prath-FL)
 15190 23:35 R Inconfidencia ballads, ads, ID's, taped jingle "R Inconfidencia, onda (fina ?) (232 10/11 Laves-TX) ("fina" makes sense in Spanish, so why not in Portuguese? ch.)
 15265 18:40 R Nac do Brasil EE Px (443 10/31 Kline-UK)

CHILE15140 00:20 R Nac de Chile ads, ID, Tx abt Havana & America (444 9/15 Abbinante-KD)(Ainsworth-WA)COLOMBIA

4845 01:45 R Bucaramanga variety of LA Mx, ID, heavy UTE QRM (322 10/29 Prath-FL) (the UTE sometimes lets up around 04:00 for full ID & NA at s/off)
 4885 02:48 Ondas de Meta pop Mx, QRM de FKN54 (Cw) (444 9/26 Brown-PA)
 4916 10:01 Armonías de Cagueta s/on anmts, ito slow ballads (252 9/8 Laves-TX) (Alan gets the frequency at 4915.5 kHz. I rounded it to 4916 to show they're on the high side of Anhanguera. ch.)
 4945 01:05 Caracol, Neiva ID, Tx about futbol (433 10/30 Prath-FL)(Jones-TN) (Ryan-NY)
 4975 11:08 Ondas del Orteguzaza Banco Granadero ad, ID "La Internacional, Ondas del Orteguzaza" (343 10/19 wilkins-CO)(Horob-TX)(Ross-ONT)(Laves-TX)
 6116 11:55 L V del Llano ID, Mx "Super Noticias de Colombia" (443 10/24 Prath-FL)(D'Angelo-PA)
 6045 06:00 R Melodia traditional & ranchero Mx, ID (333 9/2 Shaffer-PA)(Ryan-NY)

COSIPA RICA

- 4832 08:48 R Reloj Mx with loud ID's & ads (444 9/13 Gurley-TX)(Brown-IL)
(Ryan-NY)
6150 04:50 R Impacto Nx, Mx (222 9/10 Ryan-NY)
6175 12:30 Paro del Caribe rel Px, ID // 5055 (232 10/31 Prath-FL)
7380 00:30 R for Peace Tx on relationships (? ch.), ID with US & CR addresses
(322 9/19 Pimblett-AB)

ECUADOR

- 3240 00:38 R Antena Libre ID, Px of pop Mx, some EE, ID at 01:00, and into
rel Px (242 10/21 ch-MX)
3261 03:09 L V de Rio Carrizal (tent) soccer game, no ID on the hour. Would
they carry a soccer game? (222 10/11 Ross-ONT) (Bob, every station
in Latin America carries soccer. ch.)
3280 10:50 L V del Napo ID "Aqui, La Voz del Napo transmitiendo desde Tena, la
capital de provincia de Napo" (333 10/24 Prath-FL)(Laves-TX)
(Ross-ONT)
3395 02:32 R Zaracay ID, LA Mx (444 9/21 Brown-PA)(Laves-TX)
4976 01:30 L V de los Caras EZZL MX non-stop, ID at 02:02 (222 Prath-FL)
(Ross-ONT)
4800 00:40 R Popular de Cuenca LA Mx, ID "Radio Popular, la voz ecuatoriana
en la ciudad de Cuenca" at 01:00 Allred-ECUADOR
4840 02:24 R Interoceánica dedications & LA Mx, ID's at 02:24 and 02:27
(222 11/1 ch-MX) (before 01:00, they played a Px of Woody Herman Mx,
then went into a rel Px "La Palabra de Dios", but I couldn't copy
the ID on the hour. It was the jazz that caught my attention.
The ID didn't sound like Valera, and it wasn't. ch.)
4850 11:23 R Luz y Vida rel Px's, ID's (333 10/2 Jones-MS)
4870 03:07 R Rio Amazonas (tent) Mx, possible ID at 03:10 (222 9/9 Ryan-NY)
(I'm sure that it was them. Their ID's are usually hard to
understand, but they're the only Latin on the frequency. ch.)
4920 03:35 R Quito ID followed by mention of numerous stations, Mx (322 9/9
Ryan-NY)(Worob-TX)(The R Quito news blocks are carried by a net of
MW & FM stations in Ecuador. Usually, they list the stations two
or three times during each newscast. ch.)
5040 11:38 L V del Upano Px "Hoy en la historia", then long ID, EZZL inspira-
tional Mx (243 10/16 Laves-TX)(Alan, that's the phrase I've been
looking for for years, "EZZL inspirational Mx". My much-used "rel
Mx" was never an adequate description. ch.)
5050 *10:00 Jesús del Gran Poder s/or with ID to instrumental Mx background
(333 9/12 Pimblett-AB)(Laves-TX)(Worob-TX)(The background Mx is a
hymn "Jesús del Gran Poder". The s/on routine is rather elaborate
and extremely well done, and to me, a masterpiece of the audio car.

FALKLAND ISLANDS

- 3858 06:45 FIBS piano Mx, Px annts at 06:46, then more classical Mx (GD 9/02
Rippel-VA)(Estes-MS)

GUATEMALA

- 2360 11:50 R Maya (tent) SS Tx, mentioned Guatemala (222 10/4 Worob-TX)(in t
the mornings, check for // 3325 which is 1 kw instead of 0.25 ch.)
3300 06:35 R Cultural "en Guatemala, Radio Cultural", instrumental Mx (444
10/R Ross-ONT)(Aobinante-MD)(Bishop-NY)
3325 11:18 R Maya OM in lang? (Mam. ch.) ID with freq in SS (252 9/7 Laves-TX)
3360 01:22 L V de Nahualá nice marimba Mx, ID at 02:06 "Radio La Voz de Nahualá"
FR-GD 10/12 Ross-ONT)(Worob-TX)(Laves-TX)
3370 11:25 R Tezulutlán marimba Mx, ID's // 4835 (232 9/7 Laves-TX)
4500 00:57 R Buenas Nuevas rel Px, s/off routine at 01:33 giving call letters
and address (353 10/10 Wilkins-CO)
4835 11:05 R Tezulutlán continuous instrumental Mx until ID & s/on annts
(242 9/16 D'Angelo-PA)

HONDURAS

- 3250 *10:57 R Luz y Vida ID & into Px at 10:59 (443 9/7 Laves-TX)(Prath-FL)
(Worob-TX)(Pimblett-AB)(several of whom raised the question about
the QTH. The station is located in San Luis, in the Department of
Santa Bárbara, but uses a PO Box in San Pedro Sula, the nearest city
with a major airport, as a mailing address. Evidently RDI thought
"San Luis, Santa Bárbara" indicated a neighborhood and a city, a
common form of address in Latin América, and has consistently listed
the QTH as Santa Bárbara.

HONDURAS (cont)

- 4755 23:35 Sani Radio SS & BF songs, ID "Sani Radio" (443 9/20 Neff-FL) (Bishop-NY)
 4820 00:10 L V Evangelica rel Px, ID and address (433 9/19 Neff-FL)(Bishop-NY)
 4910 23:37 L V de la Mosquitia Tx in Miskito, gospel Mx, ID (333 10/12 Ross-ONT)(Prath-FL)(D'Angelo-PA)
 6075 12:20 L V del Junco LA Mx, ID after most songs (322 10/31 Prath-FL) (and this station is Santa Bárbara, Santa Bárbara. ch.)

MEXICO

- 9555 19:59 La Hora Exacta time pips and TC every minute, ads(?) between. (242 10/5 Jones-MS)(Laves-TX) (both reporters were uncertain about the "ads" between the TC's. The station is now government-owned, hence the ads are either PSA's or ads for government-owned companies. The occasional news blocks are from Noti-Mex that also operates under a "mixed economy".ch.)

PARAGUAY

- 6025 08:50 R Nac de Paraguay non-stop Mx until 09:00, then a list of 15 or 20 stations (national net?), "Buenos Dias, Paraguay" (242 11/1 Laves-TX)
 9735 00:26 R Nac de Paraguay ID, LA Mx (444 9/15 Abbinante-MD)
 11945 22:20 R Encarnacion soccer play-by-play, R Nac ID, Mx at 22:30 //9735 (222 10/03 Ross-ONT)(from the log, I'd guess that this is a new freq for R Nacional, not R Encarnacion. ch.)

PERU

- 3330 03:04 Ondas del Huallaga guitar and string Mx, over CHU at times (222 10/04 Ross-ONT)
 3339 23:44 R Altura OA flute Mx, ID's as "R Altura" (222 10/03 Ross-ONT) (Worob-TX)(Pimblett-AB)(D'Angelo-PA)
 4238 10:20 R Inca del Peru huaynos, several "Inca" echo ID's & voice overs, located in Baños del Inca and not ex-4762 (242 10/18 Wilkins-OO)
 4755 10:00 R Huanta 2000 s/on with NA & ID (322 10/04 Ross-ONT)
 4775 10:08 R Tarma OA Mx and lots of ads, ID at 10:31 "Radio Tarma, mas potente en todo el pais" (323 10/30 ch-MX)
 4790 09:55 R Atlántida pop ballads, ID "Atlántida, la fabulosa" (252 9/8 Laves-TX)
 4810 04:52 R San Martin BF rock, ID, LA vocals (242 9/27 D'Angelo-PA)
 4824 10:43 L V de la Selva long, boring monolog, taped ID at 10:55 (333 9/8 Laves-TX)
 4985 10:37 R Huancavelica OA Mx, and usual AM DJ Px, but ID's were all "Huancavelica Radio" with new slogans "Huancavelica Radio, siempre la vida", "Huancavelica Radio, la fortissimo en la territorio peruana", etc. (333 10/30 ch-MX)(Laves-TX)
 4936 05:07* R Tropical ID, "Buenos Noches" song, NA, and off (345 9/02 Pimblett-AB)(Laves-TX)(D'Angelo-PA)(Ross-ONT)
 4975 04:03 R del Pacifico taped ID, into rel Px (322 11/3 Laves-TX) (Pimblett-AB)(during previous years, a seldom reported station. ch.)
 4965 09:22 R San Miguel OA Mx, dedications, TC's, and a lot of UTE GRM, finally a clear ID at 09:35 (322 10/23 ch-MX)
 4991 03:35 R Ancash LA pop & OA Mx, ID "Radio Ancash, la Voz de Amistad Internacional" (322 9/15 Ainsworth-NA)(Laves-TX)(Curley-TX) (Ross-ONT)(D'Angelo-PA)(Worob/TX)(Pimblett-AB)
 4996 04:58* R Andina OA Mx, s/off with NA (Ryan-NY)(driegt-MB)
 5015 11:07 R Moyobamba NA, s/on anmts, OA Mx, (333 10/21 Wilkins-OO)
 5030 10:45 R los Andes OA Mx, many ads & ID's (333 10/4 Laves-TX)(Worob/TX)
 5617 00:33 R Ilucan ID "Radio Ilucan", flute, guitar Mx (222 10/04 Ross-ONT)
 6011 09:28 R Americana ID, left air in the middle of a PSA, then back 5 minutes later (322 10/28 Laves-TX)
 6115 09:16 R Union "Atencion" & "Saludos" anmts, ID (Ross-ONT)(Ryan-NY) -ONT
 6323 00:45 Estacion C sinternc ID "Randa corta, Estacion C" (333 10/04 Ross-ONT)
 6571 03:00 R Tacna ID, OA Mx (333 9/02 Pimblett-AB)(Ross-ONT)
 6727 03:57* R Batelite (tent) tuned across OA NA at s/off (232 9/26 Pimblett-AB)
 8929 02:43 R Continente FEL Mx, "transmite Radio Continente" ID, off at 02:54 (444 10/04 Ross-ONT)

I just switched on the receiver. That cold air mass that you sent down from the States certainly improves the situation for DXing. It's not exactly popular with my 16 million neighbors, but I like it. ch.

VENEZUELA

- 3225 10:15 R Occidente LA Mx, ID & TC after most songs (444 10/24 Prath-FL)
(Laves-TX)
- 3275 10:25 R Mara ad for Banco de Maricao, then ID with song "La Bamba" in
the background. (444 10/24 Prath-FL)
- 4780 02:33 L V de Carabobo ads mentioning Valencia, ID's, fiesta Mx (232 9/8
Laves-TX)(Wilkins-CO)(Bishop-NY)
- 4830 02:53 R Tachira LA pops, many ID's hot and splash from R Rêloj (333 9/24
Sampson-WI)(Bishop-NY)(Jones-TN)(Ryan-NY)
- 4840 10:09 R Valera non-stop ads, ID "Radio Valera por Valera siempre" (252
3/8 Laves-TX)(Jones-TN)(Shaffer-PA)(Bishop-NY)
- 4850 02:00 R Capital American pop Mx, "Radio Capital" ID's & TC's (333 9/7
Fisher-MA)(Trescher-PA)(Jones-MS)
- 4970 04:09 R Rumbos ID, frequent use of what sounds like a chime (222 9/9
Ryan-NY) (The chime dates from before my time. It's a door chime
that you can buy in the hardware store down the street, but most
DXers call it "doorbells", and is a Rumbos trademark. There are
several stations that carry the Rumbos news complete with doorbells,
so it identifies only Venezuela, not Radio Rumbos. I'm glad that
you mentioned it because these identifying features become so second
nature that we often fail to pass the information on to those new to
the hobby or to the area. The real purpose of the program details
is not to prove that you heard the station, it's fundamental in
SPEEDX that we accept each others declarations, but the real purpose
of the program details is to help others who hear the station under
less favorable conditions to identify that station. This is even
more important in Latin America where there is a broad range of
familiarity with the language. ch.)
- 4980 01:00 Escos del Torbes ID by CM, LA pop Mx (555 9/27 Brown-PA)(Trescher
-PA)(D'Angelo-PA)(Aobinante-KD)
- 5020 03:10 R Nacional de Venezuela ID "Radio Nacional de Venezuela" at 03:15,
frequency annts, into Px "Venezuela Musique"(353 9/20 D'Angelo-PA)
(Trescher-PA)

Before I go any farther, I want to thank those who voted for me in the BOD election. And especially to thank those who voted otherwise, a reminder that each BOD member must represent the entire SPEEDX membership. Too, I want to thank the retiring BOD for my election to Honorary Full Membership in SPEEDX.

I've noted, this month especially, what may be an over-infatuation with meters and numbers, that is a number of SIO's on the logs that indicate a considerably poorer signal than the amount of detail that you were able to copy would suggest. I'll not get lost in a discussion of a 555 which may or may not exist, but I do see a real danger in underestimating the low end of the scale in reports to the stations. Remember that "average" is always the basic reference point to all of the non-technical that read your report. Remember, too, that while most modern receivers have very accurate frequency readouts, the fine adjustments on some allow you to throw several decimals of error into the system.

One of the most difficult things in science and engineering today is the concept of measurement. Precision almost invariably exceeds accuracy, and in any measurement there must be a final evaluation in terms of accuracy. Which is a lot of words that mean only this: any signal that you can hear, enjoy, and understand is at least average for it fulfills radio's basic function, that of communication, and any interference that doesn't prevent this can be no more than moderate. For myself, I try to make the final SIO number describe the signal, and describe it over the entire period of time that I listened, which I believe, is what everyone wants to know.

73c & CU in 30

Carl

EUROPE	Daniel J. Sampson P. O. Box 31 Independence, WI 54747-0031	EUROPE
		
	Deadline: 12th Times/Dates: UTC Frequencies: KHz	
		BOARDING PASS Row <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Seat <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Flight <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Destination: _____

I now have a new job working on an assembly line at Ashley Furniture in Arcadia full-time. I've moved into an apartment with my sister in Independence so note the new address to send your reports in the above masthead or send your reports to David Jones, 2120-C Mockingbird Lane, Box 8, Springfield, TN 37172.

- ALBANIA** **Radio Tirana**
- 7065 0230 **RT** EE; unusual propoganda followed by mx celebrating Albanian Independence Day (454 11/28 Blight-MD) 0245 EE; The New Man of Socialist Albania, anti-apartheid pgm (553 11/6 Kline-England) EE; nx, Reagan says there will be no budget cuts in Star Wars this year (333 11/14 Brown-IL)
- 7205 0647 **RT** EE; "Outstanding Figures of World Progressive Art" this week about Mark Twain, ARO QRM (434 11/22 Westenhaver-QU)
- 9MHZ 2234 **RT** EE; wld nx, "Culture & Art in Socialist Albania" (544 10/31 Leader-Ireland)
- 9430 2145 **RT** SS; Alb. mx, ID by OM, political tlk (444 11/15 Prath-FL) 2151 SS; folk mx, Colombian Communist Party (443 11/9 Janusz-NJ)
- 9480 2200 **RT** FF; IS, "Ici Tirana," nx (444 11/21 Prath-FL)
- AUSTRIA** **Radio Austria International**
- 9550 0148 **RAI** EE; "Postbox 700" (444 11/9 Westenhaver-QU) 0152 EE; comtry, ID, mx (222 11/24 Brown-IL) 0143 EE; "Rpt from Austria" (433 11/21 Bishop-NY)
- 9610 1530 **RAI** EE; nx, weekend review, mx, QRM de AA station (433 11/21 Shreedhar-India) 1654 ID, IS (Atkins-GA) **RAI** sked list them on this freq 1500-1700 to S. Asia.-ed.
- 9665 1427 **RAI** GG; disco version of Strauss waltz "Wiener Blut," to E. Asia, into GG tlk @ 1430 (343 11/24 Westenhaver-QU)
- 11MHZ 0832 **RAI** EE; nx, "Rpt from Austria" (534 11/2 Leader-Ireland)
- 15320 1242 **RAI** EE; rpt on technology transfer between Austria & Canada, QRM de RMWS (434 12/3 Westenhaver-QU) 1230 EE; nx, snow closes Alpine roads early (444 11/14 Fraser-MA)
- 15410 0852 **RAI** EE; "Rpt from Austria," recipe, 0900 GG (454 11/8 Kline-England)
- BELGIUM** **Belgische Radio en Televisie**
- 5910 0040 **BRT** EE; press review until Prague signed on (322 11/18 Miller-CA)
- 9925 0040 **BRT** EE; "Belgium Today," nx, tlk, // 5910 (333 11/10 Prath-FL) 0020 SS/EE; tlks, IS, ID (332 11/29 Miller-CA)
- 11695 1830 **BRT** EE; sauerkraut, "Brussels Calling" (222 11/7 Johnson-CA)
- 15510 1620 **BRT** IS (Atkins-GA) **BRT** started using this freq for the 1630-1655 b/c to Africa 11/1.-ed.
- 15590 1330 **BRT** EE; regional & Eur. nx (323 11/18 Jones-TN)
- 17600 1344 **BRT** EE; "Radio World," end of the radio/TV strike in Israel, to SEAsia, // 15590 (222 11/28 Westenhaver-QU) 0800 EE; nx, editorial, arts, mailbag (444 11/23 Shreedhar-India)
- BULGARIA** **Radio Sofia**
- 6045 0220 **RS** SS; OM w/ comtry. QRM de Moscow (312 11/9 Trescher-PA)
- 6070 0005 **RS** EE; nx (mostly Soviet block), Afghanistan has new constitution of democracy & national reconciliation (333 11/29 Ainsworth-WA)
- 7115 0253 **R. Moscow** relay EE; (343 11/22 Roach-CA)
- 7115 0412 **RS** EE; comtry on Bulgarian & Yugoslavian bilateral relations (433 11/13 Brown-IL) 2145 EE; Battle of Stalingrad remembered (444 11/17 Fraser-MA)
- 11720 0030 **RS** EE; comtry, Ballistic missiles, U.S.-U.S.S.R. (444 11/3 Langlois-FL)

CZECHOSLOVAKIA Radio Prague

5930 0154 RP EE; folk mx, ensemble, nx update (555 11/3 Trescher-PA) 0316
 EB; Christian peace conf., ID (444 11/8 Neff-FL) 0100 EE; contry
 on socialism (434 11/6 Jones-TN)

6055 0631 RP multi-ling.; "Interprogramme," nx, rock & popular mx in Czech,
 Slovak, EE, FF & GG, 0745 nx in EE, // 7345 (554 11/2 Kline-
 England)

7435? 0259 RP EE; IS, multi-ling, ID, nx, Soviets & Americans end first
 round of tlks (333 11/20 Brown-IL) 73457-ed.

13715 1735 RP EE; nx, current affairs, q&a, round about Czech., U.N. review,
 Jazz (232 11/21 Gerstner-NY)

DENMARK Radio Denmark

15160 1300 RD Danish; IS, EE ID, Danish pgm (343 11/2 Blight-MD)

15165 1230 RD Danish; OM w/ tlk of Copenhagen, IS @ 1254, EE ID (444 11/15
 Robinson-TN)

FINLAND Radio Finland

9635 0315 RF EE; "Reindeer Roundup," ID, address (444 11/9 Cole-CO)

11755 0733 RF EE; Focus, documentary, neutrality issue, EEC (555 11/1
 Leader-Ireland)

11945 1300 RF EE; YL vocals, the queen of Finnish rock mx, YL/OM tlk (545
 11/6 Robinson-TN)

15400 1401 RF EE; Nordic nx, rpt on Finland & its Industrialization (444
 11/22 Brown-IL) 1405 EE; nx w/ special anmt (333 11/11 Jones-TN)

FRANCE Radio France International

5950 0212 RFI EE; tlk about personality contest (555 11/3 Trescher-PA) 0100
 FF; OM, FF pop mx (433 11/13 Langlois-FL)

6175 0543 RFI FF; (333 11/12 Roach-CA)

7135 0330 RFI EE; ID, nx, Nicaragan negotiations continue, QRM de Moscow
 (422 11/14 Brown-IL) 1857 FF; tlk, ment American, VOA Liberia
 underneath (322 11/26 Bishop-NY)

7160 1912 RFI FF; OM tlk (322 11/26 Bishop-NY)

9790 0205 RFI EE; nx, Iran announces it will meet w/ the U.N. secretary
 (333 11/24 Brown-IL) 1100 FF/EE; mx, financial nx, French
 Socialist Party, nx of French Jews (555 11/2 Robinson-TN) 1715
 FF; hllife mx w/ OM DJ, countdown of soul hits in Africa (444
 11/11 Dillon-Greece)

9805 1730 RFI FF; hllife mx, countdown of top hits, sked, // 9790 (433
 11/13 Dillon-Greece)

11995 1600 RFI EE; wld nx, 1612 review of French press items (343 11/28
 Jones-TX)

15195 2105 RFI FF; OM w/ health pgm (fr 11/16 Witte-CA)

15360 1600 RFI (Atkins-GA) RFI sked list PP-ed.

15435 1100 RFI FF/EE; nx, 2 OM @ 1115 in EE, orchestral mx, U.S. dollar, FF
 fishermen (555 10/28 Robinson-TN)

17620 1730 RFI FF; pop mx, ID (343 11/20 Jessen-OR)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International

6040 2240 RBI GG; end of nx, ID by OM, mx, tlk (322 11/21 Prath-FL)

6080 *0045 RBI EE; IS, nx, contry, // 9730 (333 11/19 Prath-FL) 0130 EE; OM,
 contry, stock market effect on Germany (333 11/4 Langlois-FL)

7185 0630 RBI EE; to Eur, "Give Peace a Chance," ARO QRM, this *0815 b/c is
 Sa/Su only, // 6040 (433 11/22 Westenhaver-QU)

9560 0309 RBI EE; (132 11/1 Roach-CA)

9665 1815 RBI EE; IS, ID, to Africa, wld & GDR nx, Oct. Revolution
 celebrations (343 11/6 Dillon-Greece)

11785 2342 RBI PP; OM w/ ID, address, times, freqs, into SS @ 2345 (333
 11/19 Prath-FL)

17880 1348 RBI GG; soft pop mx (444 11/18 Jones-TN)

21540 1235 RBI EE; nx, contry about the Afr. National Congress, to SEAsia
 (443 11/26 Prath-FL) 0650 EE; nx, peace rpt, DX pgm, spts, //
 21465 & 15240 (544 11/24 Shreedhar-India) 1245 EE; to SEAsia,
 listeners club, b/c sked (343 11/15 Gerstner-NY)

GERMANY, FEDERAL REPUBLIC OF Deutsche Welle

3995 0035 DW GG; nx, tlk, GG pop mx, ARO QRM (444 11/13 Prath-FL)

6100 0005 DW GG; OM w/ nx, ID, tlk (433 11/19 Prath-FL)

6130 0515 DW EE; contry on theater, missile tlks, pop mx (433 11/8
 Wakefield-IA)

6185 2310 DW PPP; deteriorating conditions, YL tlk, brief cl mx, 2328* w/
 IS (pr 11/20 Famularo-Japan)

7195 0656 DW EE/FF; tlk about pgm in Stuttgart to help homeless women, Afr
 svce, into FF @ 0700, ARO QRM (434 11/22 Westenhaver-QU)

7285 0206 DW EE; economic unrest in Europe, ARO QRM (222 11/24 Brown-IL)

GERMANY, FEDERAL REPUBLIC OF continued

9650 1745 DW GG; folk mx w/ OM anc, switched freq to 9645 @ 1800, // 6075 (444 11/6 Dillon-Greece)
9705 1705 RFE/RL Polish; YL w/ nx, ID "Radia Wolna Europa," heavy QRM began @ 1710 (433 11/7 Dillon-Greece)
9745 1800 DW EE; IS, ID, wld nx, "Environment & Development," "Economic Notebook," // 7225 (433 11/7 Dillon-Greece)
15510 1610 DW EE; nx, Panorama, // 15105, 11785 & 9585, Jammer QRM (422 11/24 Shreedhar-India)

Gary Atkins-GA has noted DW Australiasian svce on 15510 & 9745 in EE @ 1610-1650. 15510 is listed as from the F.R.G. in the WRTH Newsletter 11/87 but 9745 is not listed and 17875 has been dropped.

GREECE Voice of Greece

7430 0125 VOG Greek/EE; Greek mx, ID, economic meetings in the Gov't, Greek shipping in the Persian Gulf (333 11/24 Brown-IL) 0136 EE; spts (333 11/5 Lemke-AB)
9420 0136 VOG EE; to unid lang @ 0137 (253 11/9 Roach-CA) Greek/EE; 0130 EE nx after Greek & traditional mx & nx, // 9395 (453 11/19 Kline-CA) 0108 Greek; Greek inst mx, folk mx (544 11/21 Miller-CA) 0346 EE; Speaker of the House of Cyprus to meet w/ a U.N. committee (444 11/30 Brown-IL) 0133 EE; wld nx (343 11/5 Lemke-AB) 2200 Greek; tlk of festival, traditional mx pgm (555 11/11 Robinson)
9690 1650 VOA relay RR; YL/OM w/ several ments of America, QRM de Bucharest @ 1700 (333 11/7 Dillon-Greece)
9700 1511 VOA relay EE; "Newslines," "The Magazine Show" about cholesterol (533 11/5 Kline-England) 1920 EE; contry on Italian National Gov't crisis (454 11/17 Fraser-MA)
9740 0540 VOA relay EE; "VOA Wednesday Morning," intvw w/ comedian Alan Parks (553 11/4 Kline-England)
9935 1435 R. Makedonias Greek; pop mx, Thessaloniki ment, OM anc (323 11/20 Cole-CO)
15630 1540 VOG EE; Greek nx, ID "You are tuned to the V. of Athens," 1550* (434 11/16 Hoffman-IA) 0801 Greek/EE; Greek mx & nx, 0842 EE nx, 0851* (554 11/2 Kline-England)

HUNGARY Radio Budapest

6000 0339 RE FF; contry, ment Deutschland (523 11/20 Trescher-PA)
6025 0212 RE EE; Hungarian trade unions, unemployment, Hung. folk mx, IS @ 0230 (534 11/28 Trescher-PA) 0126 tent., unid; song 'Oh Holy Night' (11/16 Roach-CA)
9520 0349 RB Hung.; OM/YL anc, Hung. folk mx (343 11/25 Trescher-PA)
9585 2106 RE EE; wld nx, Gorbachev, f/out 2117 (313 11/27 Trescher-PA)
9835 0120 RE EE/Hungarian; magazine pgm, ID, YL w/ nx (443 11/19 Miller-CA) 0220 EE; tlk about neuro-radiology techniques (443 11/14 Prath-FL) 2100 EE; ID, freqs, wld nx, ment Warsaw Treaty (524 11/28 Trescher-PA) 0200 EE; nx, mx, tlk of traditional Hungarian cuisine (545 11/9 Robinson-TN)

ITALY Radiotelevisione Italiana

5990 0115 RAI EE; pop mx, ID, into FF to Canada @ 0120 (222 11/19 Prath-FL)
7175 *0458 R. Due II; RAI IS & ID, time pips, R. Due ID, OM/YL tlk w/ operatic vocals (333 11/8 D'Angelo-PA)
9575 0110 RAI EE; YL tlked about U.S. stock market, Italian project on modernized plant in China (333 11/15 Ainsworth-WA) *0140 II; IS, ID, nx, new coalition farming (333 11/22 Wakefield-IA) 0058 II; mx, II ID, vocal jazz mx, Alpine mx (433 11/24 Brown-IL) 0100 EE; OM, nx to 0115 into contemporary waltz mx (333 11/4 Langlois-FL) 0100 EE; YL w/ nx, U.S. interest rates (343 11/6 Jones-TN)
9710 1940 RAI II; folk style orchestral mx (333 11/19 Jones-TN)
11800 0435 RAI II; nx, spts roundup, economic pgm (343 11/10 Wright-MB)

LUXEMBOURG Radio Luxembourg

6090 0035 RTL EE; pop mx, singing ID, OM ID (333 11/19 Prath-FL) 0505 GG; nx, ID, into EE pops (422 11/9 Wakefield-IA) 0716 GG; pop mx, commercials, 0730 wld nx after ID (554 11/3 Kline-England)

MONACO Trans World Radio-Monte Carlo

7105 0800 TWR EE; Woman to Woman--topic, unanswered prayer & insight For Living (353 11/25 Blight-MD) 0826 EE; "Radio Bible Class," 0829 ID, QSB (242 11/8 Westenhaver-QU) 0801 EE; rel pgm, history of TWR, how Hitler had a 1,200,000 watt b/cing station built in Monte Carlo (554 11/6 Kline-England)
9495 *1530 TWR IS, Kazakh s/on ments "Jesus," YL w/ tlk, children songs (fr-gd 11/13 Famularo-Japan)

NETHERLANDS Radio Nederland

5955 1134 RM EE; wld nx, "Newsline," why Gorbachev's speech didn't live up to expectations, // 9715 (554 11/4 Kline-England) 0701 Dutch; IS, ID ment pgm is "Newsline Europa," local wx, nx (444 11/22 Westenhaber-QU)

6020 0316 RM EE; question & answer show, "Dream Lover" played (243 11/22 Roach-CA) 0138 EE; nx, U.S.-Soviet treaty, "Wednesday Rpt" (544 11/19 Miller-CA) 0135 SS; nx, ID, LAM mx, tlk about Argentina's military (444 11/22 Prath-FL)

9895 2050 RM EE; British veterans in Holland in remembrance of WWII, opposition to grocery store closures @ 6 p.m. (333 11/11 Wright)

11730 2102 RM EE; "Happy Station" (433 11/1 Leader-Ireland)

13700 1840 RM FF; review of the week's Dutch press, this was used as a AM feeder to Madagascar for a few weeks, // 15560 (322 11/8 Westenhaber-QU)

13770 1445 RM EE; contry on U.S. elections, Italy's political problems, "SW Feedback" (233 11/21 Gerstner-NY)

15560 1130 RM EE; nx, Amsterdam's Museum of Contemporary Art, cultural images (545 11/3 Robinson-TN) 1955 FF; (243 11/1 Roach-CA)

NORWAY Radio Norway International

9MHz 2214 RNI nx, spts, poet (323 11/1 Leader-Ireland)

9655 1800 RNI Norw.; ID in EE, IS, wld nx by YL, intvw (433 11/6 Dillon-Greece)

11850 1125 RNI EE/Norw.; "Norway Today," tlk about Norway (545 11/15 Miller-CA) 704 Norw.; (454 11/21 Roach-CA)

15310 1304 RNI EE; "Norway Today," Norway has an envious style of living according to a British magazine (444 11/22 Brown-IL) 1603 Norw.; mx, spts scores in Norw., 1607 listener request pgm in EE (444 11/21 Ainsworth-WA) 1400 EE; "Norway This Week," nx, "On the Record" (554 11/22 Fraser-MA) 1400 EE; nx, listener corner, question of the history of R. Norway (544 11/8 Gerstner-NY) 1200 Norw.; nx, spts, 1241 ID in EE, tlk of Gorbachev-Reagan (555 11/8 Robinson-TN)

POLAND Radio Polonia

6MHz 2244 RP EE; nx, disarmament, mx (434 10/31 Leader-Ireland)

7270 2230 RP EE; nx, contry on arm's reduction, rpt about Polish-Chinese relations (444 11/14 Prath-FL) 0158 EE; Scott Joplin mx, Chopin IS, ID (222 11/24 Brown-IL) 2235 EE; decrease of NATO in E. Europe, P.M. visit to China (333 11/21 Levison-FA) 0200 EE; int'l & domestic nx, mx, history of WWII (343 11/20 Card-RI) 0630 EE; economic reforms (332 11/25 Barber-IL) 2300 EE/PP; YL/OM, Schubert mx (444 11/19 Robinson-TN)

PORTUGAL Radio Portugal

9675t 1700 AWR 1700-2000 (Atkins-GA)

9680 0234 RDP EE; Port. nx, sked read over musical bridge, into "Our Choice of Music," // 9705 & 6060 (444 11/11 Westenhaber-QU) 2200 FF; YL/OM, nx, bagpipe mx (555 11/7 Robinson-TN)

9680 1845 R. Renascenca FF; ment Portugal, OM anc, EZL mx interlude, rel tlk, sked (433 11/6 Dillon-Greece)

9705 0132 RDP EE; guitars & vocals, 0240 R. Lisbon (343 11/18 Jessen-OR) 0230 EE; ID (11/9 Blight-MD) 0231 EE; nx, Finnish P.M. to visit Lisbon, SW listener's club (333 11/13 Brown-IL)

11800 1535 RDP FF; OM announcing soccer match, QRM de Sri Lanka, WRTH list spts b/c at this time (pr-fr 11/15 Famularo-Japan)

11815 0135 R. Liberty RR; // 11805 (232 11/14 Prath-FL)

11865 0125 RL RR; political tlk by OM, IS, ID, "Govorit R. Svoboda" by YL (333 11/14 Prath-FL)

11870 1918 RDP EE; promo for "Get to Know Port. Better" contest, "Sun & Sea" tourist pgm, to Afr, // 15250 (232 11/25 Westenhaber-QU)

15215 1543 R. Free Europe Romanian?; heavy metal mx, nx, chime & drums, OM tiking for long period, 1655* (252 11/8 Wright-MB)

15245A 1600 RDP EE; song, nx, tourist rpt (544 11/23 Shreedhar-India)

21735 1502 RL RR; YL w/ nx, // 21745 (333 11/19 Soomre-MA)

21745 1629 EL Bulgarian?; ID, "Rah-dyo Swa-bo-dy," records by heavy metal band Triumph w/ translation of lyrics (442 11/21 Janusz-NJ)

ROMANIA Radio Bucharest

9690 1305 RE EE; end of nx, Rom. pop song, ID, tlk (242 11/21 Prath-FL)

11810 0200 RE EE; IS, s/on w/ nx, tlk, // 9570 (322 11/14 Prath-FL)

21MHz 2111 RE EE; "The Week," political review, nuclear disarmament, Regain visit to Moscow (333 10/31 Leader-Ireland)

SPAIN Radio Exterior de España

6125 0001 REE EE; wld & Spanish nx, ID (544 11/13 Miller-CA) 2333 FF; ID, "Le Courier des auditeurs" mailbag pgm (333 11/8 Westenhaver-QU) 0505 EE; nx, Soviet negotiator arrives in Geneva, spts, listeners letters (422 11/14 Brown-IL) 0500 EE; nx, Panorama, editorial comment, Spanish P.M. visit to France (333 11/10 Wright-MB)

9360 0120 REE SS; ID, tlk, ment España, pop mx (544 11/21 Miller-CA) 0235 SS; past paced nx & tlk w/ OM/YL, rpt on Ortega's visit to Washington (544 11/14 Prath-FL)

9630 0110 REE EE; nx, U.S.-Cuban agreement, U.S. cuts of military aid to Panama (444 11/20 Brown-IL) 0002 EE; Tammie kidnapping Spanish banks (433 11/21 Bishop-NY) 0015 EE; OM, SS nx, comtry on F-16's in Spain (444 11/3 Langlois-FL)

9765 2118 REE EE; SS course about the verb esta (544 11/6 Kline-England) 1615 FF; ID, classical mx, sked, address, QRM de Havana on 9760 (333 11/8 Dillon-Greece)

9875 1735 REE SS; 2 OM w/ tlk, SS pop song, co-channel QRM (433 11/21 Dillon-Greece)

11775nf? 2350 REE SS; political tlk about CAM, // 11815 (444 11/9 Prath-FL)

11815 2330 REE SS; ID by OM, tlk about various Latin nx by OM/YL, // 9360 (343 11/21 Prath-FL)

11880 1930 REE SS; nx, ID (343 11/18 Jessen-OR)

11920 2022 REE SS; reggae & salsa mx (443 11/29 Janusz-NJ)

21575 1558 REE SS; Spanish mx, nx, comtry (333 12/1 Miller-CA) 1300 SS; nx, tlk, time pips, ID @ 1300, into SS pop mx (443 11/26 Prath-FL)

SWEDEN Radio Sweden International

6045 2315 RSI EE; long tlk about Swedish food & recipes, // 9695 (433 11/8 Westenhaver-QU)

9565 1232 RSI EE; "Weekday," nx, trade union election victory for Finnish communists (553 11/5 Kline-England)

9695 0231 RSI EE; pgm notes, Nordic nx, spts, skiing (333 11/30 Brown-IL) 0258 EE; (353 11/22 Roach-CA)

15345 1405 RSI EE; "Weekday from Stockholm," Greenpeace vs. Nordic fishermen (454 11/27 Wakefield-IA) 1434 EE; intvw w/ musician, into Swedish pgm @ 1500 (434 11/19 Hoffman-IA) 1400 EE; ID in various langs, nx (333 11/11 Jones-TN)

15430 1236 RSI EE; to SAsia, tlk on importance of getting more women to participate in TV election debates (433 11/25 Westenhaver-QU)

SWITZERLAND Swiss Radio International

3985 2237 R. Beijing relay EE; casual ID, nx about China, 2240 formal ID & tlk about attracting U.S. investment in China (242 11/24 Westenhaver-QU) 2235 EE; nx, tlk about the Chinese economy (343 11/27 Prath-FL) 2230 EE; wld & Chinese nx, comtry on CAM peace, Chinese astronomy (322 11/15 Soomre-MA) 2230 EE; wld & Chinese nx, Chinese Press Review, travel tour pgm, Chinese cooking (333 11/14 Gerstner-NY)

5965 0158 SRI II/EE; II ID, alpine mx, EE ID, freq (222 12/4 Brown-IL)

6135 0300 SRI EE; IS, ID, QRM (222 10/7 Jessen-OR) 0405 EE; nx, Italian Gov't falls, Arab countries renewing there ties w/ Egypt (333 11/14 Brown-IL)

6165 0628 SRI FF/GG; FF ID, mx, GG ID, nx (333 11/15 Brown-IL)

6165 2153 EB relay FF/II; biography of Chen Yun, new member of Chinese leadership, 2159 brief FF ID, IS, into II pgm w/ "Qui R. Peking" ID (322 11/6 Westenhaver-QU)

6190 2238 SRI EE; "Dateline," policies of U.S. presidents, Swiss participation in Eur. space exploration (444 11/5 Shaffer-PA)

9725 0210 SRI EE; tlk about nuclear power (444 11/14 Prath-FL)

9885 0158 SRI II/EE; II & EE ID, nx, France & Iran settles their difference (544 11/30 Brown-IL) 0205 EE; S. Afr. military in Angola (444 11/14 Neff-FL) 1006 EE; nx, "Grapevine" (333 11/1 Leader-Ireland)

11910 0130 SRI FF; OM/YL, nx, comtry on drop of U.S. dollar (444 11/13 Langlois-FL)

11955 1835 SRI EE; nx, elections in Haiti, tlk on steel drum, // 9885, to ME & Afr (232 11/29 djs-WI)

12035 0400 SRI EE; ID, nx, Congressional Rpt lays blame for Iran-Contra affair at Reagan's foot (444 11/15 Brown-IL)

15570 1331 SRI EE; nx, Reagan says the budget compromise should reassure wld markets, "Dateline" (333 11/22 Brown-IL) 1330 EE; nx, pgm on a chemical plant fire (354 11/8 Gerstner-NY)

21695 1315 SRI EE; folk mx pgm till 1330 into EE, // 11955, 15570 & 17830 (444 11/26 Prath-FL) 1544 EE; "Dateline Saturday," "Swiss SW Merry-Go-Round," FF @ 1600 (454 11/14 Gerstner-NY)

21696 1530 SRI EE; ME & Afr svce, Iraq bombing Iran nuclear plant (555 11/18 Jones-TN)

UNITED KINGDOM **British Broadcasting Corporation**

3955 0608 **BBC** EE; arias, peace proposals (353 11/7 Wakefield-IA) 0700 EE; nx, comtry, tlk (343 11/13 Prath-FL)

5975 0414 **BBC** EE; nx, siege of Paris prison ends, police inquiry starts into the Belgium Ferry accident (433 11/13 Brown-IL)

6110 0005 **BBC** SS; comtry, tlk, ment U.S.S.R. (344 11/24 Miller-CA)

6195 1835 **BBC** EE; opera (322 11/28 Bishop-NY)

7150 0601 **BBC** EE; soccer riots in Belgium (333 11/6 Wakefield-IA)

7170 0457 **VOA** relay EE; (152 11/24 Roach-CA)

7325 0321 **BBC** EE; "From Our Correspondents," rpt on Ethiopian famine (444 11/14 Brown-IL) 1928 EE; tlk about C&W mx, stock market rpt (433 11/26 Bishop-NY)

9735 1745 **VOA** relay Bulgarian; ID, battle hymn of the republic, Army Air Corps song, wld nx headlines (444 11/7 Dillon-Greece)

9770 1710 **BBC** Polish; wld nx by YL, current affairs (433 11/9 Dillon-Greece)

9825 0045 **BBC** EE; YL, nx, opera to 0100 (444 11/4 Langlois-FL) 1725 AA; EE lesson, ID "Huna Lundun," Moroccan mx, // 7140 (333 11/15 Dillon-Greece)

12095 1430 **BBC** EE; "Quote and Unquote"-panel quiz pgm, // 15070 (454 11/22 Fraser-MA) 1700 EE; wld nx, "Letter from N. Ireland," "Music Now" (444 11/6 Dillon-Greece)

21470 1236 **BBC** EE; "Multitrack 2" pop mx pgm w/ contest to win Stevie Wonder's latest album, QSB (343 11/26 Westenhaver-QU) 1320 EE; "24 Hours," Mongolia's economy & politics, 1329* (444 11/21 Gerstner-NY)

VATICAN CITY STATE **Vatican Radio**

6150 0309 **VR** EE; IS, "Vatican Viewpoint" about int'l debt, "Newsdesk" (554 11/6 Kline-England) 0100 EE; (323 11/3 Roach-CA)

6185 0604 **VR** EE; Gospel reading, description of a symposium now in Rome (333 11/15 Brown-IL)

7250 2106 **VR** EE/SS; "The Pope, the Church & the World," tlk about St. Francis of Assisi, 2111 s/on in SS, co-channel AA QRM (333 11/15 Westenhaver-QU)

9605 0101 **VR** EE; details about Catholic Relief efforts (253 11/22 Roach-CA) 0050 EE; QRM, life of great Christian leaders (333 11/17 Jessen-OR) 0059 EE; Church nx, tlk (11/14 Miller-CA) 0049 EE; IS, situation in Ethiopia, abortion law under review in England (444 11/20 Brown-IL) 0055 EE; "What Does Jesus Look Like?," YL w/ "Newsdesk" (444 11/18 Muzyka-NY) 0050 EE; OM w/ "Church Today" (444 11/6 Jones-TN)

9645 1444 **VR** EE; ID, wld nx, 40th Anniv. of Aid To The Church In Need support group, Catholics sentenced to jail in Ho Chi Minh City (544 11/5 Kline-England) 1950 EE; concern for Indians in Canada during recent visit (444 11/18 Jones-TN)

9755 1750 **VR** Byelorussian; OM w/ monologue, ment of Christ, sked, IS (333 11/8 Dillon-Greece)

11715 *0715 **VR** Ukrainian (listed); IS, ID, High Mass, // 9755 (fr-gd 1/15 Famularo-Japan)

11780 0050 **VR** EE; OM ID, rel message "Do you believe in Devil?" (433 11/11 Langlois-FL)

15405 1400 **VR** SS; IS, mx, SS ID (544 11/22 Brown-IL)

15470+ 1220 **VR** signal heard on 15470 @ 1220 that didn't sound like a U.S.S.R. station, 1230 ID for "Musica Vaticano," 1330 usual Vatican IS & multi-lingual ID, drifted downward--1310 15460, 1325 15455, 1400 15447 & 1500 15445, on 12/5 checked again & caught them on 15450 @ 1330 & by 1458 they were down to 15443 (12/3 Atkins-GA)

17870 1505 **VR** EE; highlights of Papal speeches, rel. tlk, 1510* (343 11/22 Prath-FL)

YUGOSLAVIA **Radio Yugoslavia**

6MHz 2222 **RY** EE; nx, stock exchange on Wall Street (544 10/31 Leader-Ireland)

7240 *2358 **RY** SS; IS, OM ID, nx, lots of co-channel QRM (322 11/8 Westenhaver-QU)

15240 1537 **RY** EE; "News from & about Yugo.," wx, comtry about Islamic fundamentalism, "P. O. Box 200" (554 11/6 Kline-England)

PIRATE CORRECTION

James Kline-CA received a QSL from Radio 101 which was reported last month as being from Belgium. The transmission was actually from Ireland.

73's Annal

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.

Hi. Thanks to all who have written me so far, I appreciate your letters, but unfortunately I don't have enough time to respond to each one individually. A little about myself: I am a 25 year old software engineer and have been listening to shortwave for about 10 years. I have been a SPEEDX member since 1981 and interested in Russian broadcasts for several years.

Submission guidelines:

- 1) If possible, list the transmitter site and source on the log. Guesses are ok, but indicate with a "?". I have only the 1988 RDI right now, but I intend to subscribe to the USRC. Does anyone know what happened to the UHN? (The last issue I have is OCT 86).
- 2) Please write legibly and use standard size forms.
- 3) Please get your direct contributions to me by the 12th.

Lots of excellent logs this month, so on we go...

JANUARY 1988

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

4060	2255	RM-Ryazan (RDI): EE; W.S. mx pgm //9490,5915 'til 2259 then abrupt switch to Mayak IS, ID & RR nx (343 11/21 Prath-FL)
4485	0900	Kamchatka R.-Petropavlovsk-Kamchatskiy (RDI): RR; vocal mx, anmts (353 12/13 Bowden-CA)
4860	1810	RM: Slavic lang.; YL/OM w/nx ID @ 1812, Current Affairs, pop mx, ID as Moskova. Lang poss. Czech, definitely ext. svc (444 11/20 Dillon-Greece) RDI lists Chita R. via Serpu-khov (ed.)
4895	1710	RM: Romainian?; nx by YL, ID as "Radio Moskova" & "Ayich Moskova", class. mx (444 11/18 Dillon-Greece)
4930	0115	Mayak (DS2): RR; Classical mx, @ 0129 IS, OM w/ ID & nx (232 11/20 Prath-FL)
4940	1352	Ukrainian R.: RR; Class. mx, OM singer (252 11/10 Roach-CA)
4975t	0145	Tadzhik R.-Dushanbe (RDI): ? lang.; OM/YL tlk mixed w/ mx segs. (333 11/17 Flynn-CA)
5906	0120	RSP&P: Creole; Political tx, switch to RM SS pgm @ 0130 (544 11/12 Prath-FL) (555 11/13 Trescher-PA)
5905	1510	RM-Ryazan (RDI): EE; YL on Gorbachev NBC interview, "Focus on Asia and the Pacific" (444 12/1 Sharpe-CA) (Trescher-PA)
5915	2228	RM: EE; ID, "Inside Report", tlk w/ child psychologist (444 11/26 Westenhaver-QU) (Trescher-PA) (Langlois-FL)
5920	1654	RM-Khabarovsk (RDI): EE; Tlk abt missile treaty, mx, ID & anmts @ 1658, nx @ 1700 (333 12/5 Blair-CA) (333 12/3 ed.)
5925t	0605	R. Tallinn: Estonian; Documentary on Leningrad ending w/ ID "Siin Leningrad" @ 0624 (333 11/7 Westenhaver-QU)
5935t	0802	R. Riga: Swedish; 2 YL w/ tlk and light mx to 0828*. No positive ID heard (242 11/22 Westenhaver-QU)
5940	0120	RM: EE; N.A. svc, "Outlook" (555 11/13 Trescher-PA)
6045	0208	RM-Simferopol (RDI): EE; tlk abt Soviet-British ties, economic reforms (534 11/13 Trescher-PA)
6070	0244	RM: EE; "Science and Engineering" (555 11/13 Trescher-PA)
6080	1545	RM-Komsomolsk'Amure (RDI): RR; Mayak (DS2) pgm, OM/YL, opera mx, IS, ID @ 1600, mx by OM (433 11/21 Sharpe-CA)
6105	2345	RM-Lvov (RDI): SS; "Panorama Sovieticos" // 7360 433 11/18 Prath-FL)
6150	0730	RM-Petro.-Kam.: EE; anmts, pop mx (454 12/12 Bowden-CA)
6165	1510	RM: EE; "Focus on Asia and Pacific" (543 11/21 Sharpe-CA)

6200 2130 RM: EE; "LRC" letters show w/ Vasily Solonikov (433 11/29 Janusz-NJ) 0400 EE (555 11/19 Trescher-PA)

6200 2300 RY-Leningrad (RDI): EE; OM w/ contest winners, Lithuanian folk mx (545 11/8 Robinson-TN) (Kline-Eng.) (Prath-FL)

7110 0107 RM-Omsk (RDI): RR; YL w/ cmtry, mx (555 11/21 Trescher-PA)

7150 0039 RM-Lvov (RDI): EE; cmtry on WWII, "Outlook", RM IS (333 11/10 Cole-CO) (Bowden-CA) @ 2032 (Westenhaver-QU)

7165 0200 Radiostansiya Rodina (DS1)-Serpuhkov (RDI): RR; ID, OM/YL cmtry (555 11/21 Trescher-PA) more details please (ed.)

7165 0614 RM: EE; 70th ann. of Rev. speech, ID (453 11/4 Kline-Eng.)

7170 1145 RM-Krasnoyarsk (RDI): CC; YL ID "Mosuko guangbo diantai" & anmt, then OM tlk (333 11/22 Westenhaver-QU) (Wright-MB)

7185 1545 RM-Blagoveshchensk (RDI): EE; tlk abt Pablo Neruda by YL, ID @ 1600, mx, ARO QRM (422 11/27 Sharpe-CA)

7195 2305 RM: SS; nx, polit. tlk, ID (433 11/27 Prath-FL)

7230 2330 Radiostansiya Rodina: RR; IS, ID, nx (444 11/27 Prath-FL)

7275 *1200 RT: EE; s/on w/nx, cmtry on summit // 11785 (343 11/28 Prath-FL) (Westenhaver-QU)

7280 2340 RM-Moscow (RDI): SS; OM w/ central & S. Am. nx, tlk (333 11/27 Prath-FL)

7290 0710 RM-Vladivostok?: EE; "Moscow Mailbag" (444 11/26 Sharpe-CA) (Bowden-CA)

7300 0100 RSP&E: Creole; "Revue des evenements" in FF, OM w/ ID // 5905 (433 11/22 Westenhaver-QU) (Prath-FL)

7300 1630 RM-Khabarovsk?: RR; Radiostansiya Atlantika w/ OM/YL, ID, nx, tlk, Soviet pop mx (544 11/30 Sharpe-CA)

7340 2250 RM: EE; RR pop mx countdown // 5915 (433 11/14 Prath-FL)

7345 0815 Yakut B.: RR; Class. and "mood" mx (353 12/13 Bowden-CA)

7360 2016 RM-Krasnodar (RDI): GG; tlk w/ visiting Austrian abt Oct. Revolution, ID @ 2028 // 7340 (433 11/8 Westenhaver-QU)

7370 2300 RM: SS; IS, "R. Moskou para America Latina", nx // 7360 (333 11/14 Prath-FL)

9470 0005 RM: PP; nx, cmtry, mx (444 11/10 Prath-FL) (Jessen-OR)

9490 2210 RM: EE; "Inside Report", mx, tlk (433 11/21 Prath-FL)

9610 0130 RM-Alma Ata (RDI): SS; Long polit. tlk (333 11/19 Prath-FL)

9620 0240 RM (DS1)-Vladivostok (RDI): RR; Folk songs, IS, QRM de KGEI on 9615 @ 0300 (333 11/29 Sharpe-CA)

9675 1533 RM: CC; OM/YL RR mx, ID by YL, nx? (444 12/3 Sharpe-CA)

9710 1715 RM-Kiev (RDI): FF; YL/OM w/rpts frm Red Square Parade, ID (433 11/7 Dillon-Greece)

9775 1900 RM: FF; IS, ID, sked, wld nx by YL (333 11/10 Dillon-Gre.)

9800 1710 RM-Kazan (RDI): Afro. lang.; ID, OM w/monologue, mx inter-ludes, ments of afro countries (333 11/13 Dillon-Greece)

9820 1710 RM: EE; wld nx, ID, "African Mailbag" // 9810, 9830 (433 11/15 Dillon-Greece)

9880 1755 RM: AA; tlk abt October Rev., TPs & ID @ 1800 as "Huna Maskaw", wld nx (433 11/21 Dillon-Greece)

9890 1828 Mayak: RR; Jazz, IS, Mayak ID & tlk by OM, RR pop mx (433 11/21 Dillon-Greece)

11710 1540 RM-Petro.-Kam. (RDI): EE; "Focus on Asian & Pacific", "Your Top Tune" // 11840 (232 11/22 Prath-FL)

11770 0102 RM-Khabarovsk: EE; nx, "Outlook" (343 11/17 Wright-MB)

11790 *0030 RK-Khabarovsk (RDI): EE; IS, nx, rpt on Soviet economic reforms, mailbag // 6200 (333 11/22 Prath-FL)

11860 0040 RK-Khabarovsk (RDI): EE; summit nx rpt (333 12/7 Beaver-IN)

12020 1455 Radiostansiya Rodina (DS1)-Kenga (RDI): RR; mx, s/off anmt, Mayak IS, ID & nx @ 1500 (343 11/22 Prath-FL)

12050 0235 RM-Khabarovsk (RDI): EE; "Science & Engineering" (455 12/5 Miller-CA) (Cole-CO)

13645 0045 RK: EE; Cultural pgm, IS @ 0100 (333 11/19 Miller-CA)

13645 0350 RY-Petro.-Kam.?: EE/Armenian; OM w/nx summary, then YL in Armenian (444 11/15 Sharpe-CA)

15255 1400 RM: EE; ID, nx, "News + Views" (333 11/26 Prath-FL)

15425 0000 RM-Petro.-Kam. (RDI): EE; Summit rpt (353 12/12 Bowden-CA)

15435m 0905 E. Afghanistan: EE; Co-chan. interference, ext. svc. ID, 90,000 emigrants returned home, cmtry (433 11/8 Kline-Eng.)

15475 1334 RM: EE; RR folk songs, "Music & Musicians", nx, CIA attempt to block India-Sri Lanka agreement (444 11/22 Sampson-WI)

15595 1430 RM: EE; nx, "Folk Box", 1459*, QRM (242 11/10 Sampson-WI)

Loggings received for 7115 & 7135 are via Plovdiv, Bulgaria. Loggings received for 6000 & 9760 are via Havana, Cuba.

Out of Room! I will hold some sched. info. until next mo. 73's -Jason

Africa

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

All times and dates UTC: Frequencies in Khz: *0000 = s/on, 0000* = s/off.

Submission Deadline is the 12th.

And how is 1988 looking to you so far? Oh, that bad? Well, perhaps this month's sampling of the shortwave spectrum will inspire you to new heights of New Year DX'ing!

LOGGINGS FOR JANUARY, 1988

ALGERIA

9509 1900 R. Algiers: EE; M ID, into mx. 333(11-12 Langlois-FL)
 15205 0654 R. Algiers(t): AA; mx; TP @0700, M tlk (no ID due to deep voice & het
 QRM), more mx @0700. poor-fair(11-20 Famularo-JPN)

ANGOLA

3354.7 2143 R. Nacional: PP; local pops, infreq M dj.//4952.7, both into net @2200.
 222(12-9 ed.)
 3375.6 0300 R. Nacional: PP; M nx to 0302, then mx, ID @0321.//4952.7. 343(11-8 D'Angelo
 -PA). @2134 w/nonstop mx to 2159, then M ancr, RN IS, ID, nx. 333(12-9ed.)
 4820.3 2152 ER da Huila (t): PP; mx pgm, no // 's noted, joined net @2200 w/no pre-net ID,
 stayed with net nx/cmtly to 2222*, sudden off. 322(12-9)
 4952.7 0430 R. Nacional: PP; hilife mx, ID and nx @0500. 232(date?-Barber-IL)

ASCENSION ISLAND

6005 2201 BBC Relay: EE; nx; reading from novel, pgm review. 444(11-22 Wright-MB). @
 0310..333(11-13 Brown-IL). 555(12-15 Trescher-PA)
 7105 0615 BBC Relay: EE; world cmtly, pgm abt using monkeys in research. 433(11-16
 Zirkelbach-CA). 334(11-27 Miller-CA). 444(11-5 Wakefield-IA)
 9600 0710 BBC Relay: EE; phone conversation w/Idi Amin, who hopes for peace in Uganda
 [You sure he didn't say "piece of Uganda"?-ed.]. 343(11-8 Janusz-NJ). 444
 (11-14 Brown-IL)
 11820 1720 BBC Relay: EE; Focus On Africa, ID. 334(11-24 Miller-CA)
 11860 0708 BBC Relay: EE; report on El Salvador. fair(11-22 Famularo-JPN)
 15260 2200 BBC Relay: EE; world nx. 444(11-18 Witte-CA)
 15400 1900 BBC Relay: EE; interview w/M from Commonwealth Club. 454(11-17 Fraser-MA)
 17790 1422 BBC Relay: EE; Outlook: Loudon Wainwright III. 322(11-11 Westenhaver-QUE)

BENIN

4870 1710 LV de la Revolution: FF; M tlk, lcl mx, world nx @1800. 232(11-20 Dillon-
 GREECE). @2151..555(12-15 Trescher-PA)

BOTSWANA

4820 0400 R. Botswana: EE; scriptures & prayers, then Afro mx & into VN. 433(11-25
 Zirkelbach-CA). 333(12-1 Miller-CA). 333(11-14 Cole-CO). 332(11-21 Ains-
 7255 *0346 R. Botswana: EE/VN; usual barnyard cacophony to 0400 anmts. Under [worth-WA]
 Bulgaria (?). 333(12-20 ed.)

BURKINA FASO

4815 0620 R. Burkina: FF; M tlk, gives several addresses in Ouagadougou; hilife
 mx, brief ID @0630. 333(11-22 Westenhaver-QUE). 333(12-3 J. Evans-TN).
 322(11-7 A. Jones-TN). 555(12-15 Trescher-PA)

BURUNDI

3300 0303 RTVN (t): Vern (Kirundi?); M long tlk in VN until fading behind Guatemalan
 @0308. 222(11-18 Ross-ONT)

CAMEROON

- 4850 2100 R. Cameroon: EE/FF; nx in EE: rpt on local seminar; back to FF w/pop mx @2115. 333(11-25 Hill-MA). 343(11-20 Dillon-GREECE). 222(11-13 Brown-IL)
 5010 0500 R. Garoua: EE/FF; regional nx in EE, back to FF after. 332(12-1 Barber-IL)

CANARY ISLANDS

- 15375 1912 R. Exterior de Espana Relay: EE; report on a south-central Spanish province. 433(11-8 Johnson-CA)[Sorry about that...this one comes from Spain directly. The Canary Isl. relay has no EE and operates on 15365. -ed.]

CENTRAL AFRICAN REPUBLIC

- 5034.1 0455 R. Centrafrique: FF; lcl mx, M nx @0500. 332(11-3 Shaffer-PA)

CHAD

- 5286.5 0458 R. Mondou: VN/FF; nice sig @ sign-on, instr NA, choral mx, local mx & VN singing, xylophone, M tlk FF. 333(11-18 Ross-ONT)

COTE D'IVOIRE

- 4940.3 2242 R. Cote d'Ivoire: FF; jazz/big band mx, incl "Jumpin' With Symphony Sid". 242(11-13 Janusz-NJ)
 6015 0645 R. Cote d'Ivoire: FF; panel discussion on FF-speaking Africans. 242(11-7 Wright-MB). 311(11-21 Ainsworth-WA)
 11920 2240 R. Cote d'Ivoire: FF; drama, sirens, chorau; then drums/IS/ID @2300. 444(11-9 Cole-CO). 444(11-27 Miller-CA)

DJIBOUTI

- 4780 2100 R. Djibouti (t): FF; M anc, Afro mx.[More details, please!-ed.] 433(12-15 Trescher-PA).

[My apologies to Jeff Knapp for the next item, which should rightfully appear in his UTE column-ed.]

- 7690U 0337 Djibouti PTT: EE/FF; rare voice marker "Here is Djibouti, International Telecommunications Centre. This is a test transmission for your receiving adjustment." Similar msg in FF. 454(12-10 ed.)

EGYPT

- 9475 0200 R. Cairo: EE; nx; answer to listener's question about why UK keeps the Rosetta stone. 353(11-5 Blight-MD). 333(11-12 Brown-IL)(11-13 Cole-CO). 332(11-19 Miller-CA). 343(11-6 Westenhaver-QUE). 433(11-7 Lemke-AB). 444(11-10 A.Jones-TN)(11-14 Neff-FL). 544(11-19 Wright-MB)
 9900 1940 R. Cairo: GG; tlk, ID in GG; terribly distorted, like their EE Nam sce. 542(11-19 Janusz-NJ). 433(11-9 Zirkelbach-CA)
 12050 1820 R. Cairo: AA; chants, prob. Qur'an recitations. 444(11-30 Miller-CA)
 17770 1400 R. Cairo: Malay; nx fanfare, M nx; @1412 another M tlk. Multipath echo. 333(11-11 Westenhaver-QUE)

EQUATORIAL GUINEA

- 5004 2154 R. Nacional: SS; SS mx/lcl mx, M tlk, then ID, instr NA, off air @2200*. 333(11-14 Ross-ONT). 232(11-7 K.Hill-MA). 343(11-29 George-MA)(11-29 D'Angelo-PA). 222(12-1 Barber-IL)
 9553 2058 R. Nacional: EE/SS; canned religion, M with SS ID/freq/address @2109 and 2155. Long NA @2156 to 2200*. 433(11-26 J.Evans-TN). 322(11-25 Westenhaver-QUE). 232(11-25 K.Hill-MA)

GABON

- 4777 2243 RTVG (t): FF; hilife mx, M tlk @2246, ment Libreville. Then wiped by FAX station. Boxed in by UTEs all the time. 222(12-9 ed.)
 4830 0540 Africa #1: FF; usual pop/rock mx w/W dj. 433(12-3 J. Evans-TN)(11-17 Zirkelbach-CA). 344(12-2 Miller-CA). 343(12-3 Jessen-OR). 333(11-20 A.Jones-TN)
 9570 0530 R. Japan Relay: EE; Japan As I See It: rice; ID. 543(11-4 Kline-UK)
 9790 2030 R. France Int'l Relay: FF; tennis roundup, live soccer cmty. 555(11-7 Wright-MB)[As I've stated before, there's no way of telling which site you are hearing this freq, as Moyabi runs/direct from Issoudun.-ed]
 11800 2302 R. Japan Relay: EE; nx:food quotas, Iranians in Gulf. 433(11-22 Brown-IL). 444(11-21 Zirkelbach-CA). 434(11-21 A.Jones-TN). 444(11-18 Gerstner-NY)
 15200 1530 Africa #1: FF; mx, amnts, ID, ads. 433(11-24 Shreedhar-INDIA)
 15475 1833 Africa #1: FF; nx, Marlboro ad, EE Benson & Hedges contest. 444(11-20 Cole-CO). 443(11-14 Neff-FL). 454(11-21 Ainsworth-WA). 352(11-6 Lemke-AB)
 21695 0700 R. Japan Relay: EE; nx, cmty, Japan Scene. 544(11-21 Shreedhar-INDIA). 444(11-7 Dillon-GREECE)
 21700 1500 R. Japan Relay: EE; nx, current affairs: new car show in Japan. 232(11-8 Gerstner-NY)

GHANA

4915 2058 GBC: EE; upcoming pgms, ID "Ghana Broadcasting Corporation, Radio One", into traditional Afr mx. 252(11-29 Janusz-NJ)(also Jones-TX, Hughes-FL). @0603 .343(11-22 Westenhaver-QUE)(also Wakefield-IA, Zirkelbach-CA, Halstead-WV, J.Evans-TN, Brown-IL, and Miller-CA)

KENYA

6100 1953 VO Kenya: EE; mx, ID, short nx, more mx incl US pops, f/out by 2026. [You probably lost it in the QRM...they usually pull the plug around 2006.-ed.] 333(11-29 Brown-PA)

LESOTHO

4800 0300 R. Lesotho: EE/VN; IS, ID, choir, religious mx. 222(11-18 Witte-CA)

LIBERIA

3230 2131 ELWA: EE/NV; M "This is ELWA broadcasting from Monrovia, Liberia. The following pgm is in ...?...", drums, into VN. RTTY QRM on LSB. 322(12-9 ed.)
 3990 0610 VOA Relay: EE; nx: Tunisian coup. 322(11-8 Wakefield-IA)
 6045 2154 VOA Relay: EE; sports, nx headlines, ID, s/off. pr-fr(11-25 Famularo-JPN)
 6090 0710 ELBC: EE; Liberian nx, ID, Chuck Norris film promo. 322(11-28 Wakefield-IA)
 7265 0542 VOA Relay: FF; reggae mx. 434(11-20 A.Jones-TN)
 17705 1645 VOA Relay: Swahili; ID, nx, poss cmty. 233(11-15 Miller-CA)

MADAGASCAR

9715 time? R. Nederland Relay: EE; Media Network. 333(11-26 Westenhaver-QUE)
 15180 1912 RN Relay: EE; Happy Station. Unsure of site, but this freq replaces 9540, which was Madagascar. 343(11-8 Westenhaver-QUE)
 15330 1229 RN Relay: Indonesian; IS, M ID, pgm details, nx. Also unsure of site, but both *1230 freqs in WRTH were de Madagascar. 333(11-12 Westenhaver-QUE)
 15570 1709 RN Relay: EE; Media Network: African DX tips. 322(11-12 Brown-IL)
 21485 0830 RN Relay: EE; Newline, Asiascan. //17575. 544(11-20 Shreedhar-JPN)

MALAWI

5994.9 0354 MBC: Chichewa; rhythmic drums w/M shout vocal, M tik and quick "M-B-C" ID @0400 just before VOA returned to freq. 232(12-20 ed.)

MALI

4782.8 2300 RTV Malienne: FF; ID, tlk by M/W mixed w/US pops. 444(11-22 Brown-PA). @0001 w/s/off routine. 232(11-20 Atkins-WA)
 9745 *1930 R. Beijing Relay: FF; IS, ID's as "Ici R. Pekin", sked, into nx. 322(11-25 Westenhaver-QUE)
 9770 *0300 RB Relay: EE; world nx, China nx, Across the Map, Let's Learn Chinese. 444(12-1 Soomre-MA). 444(11-13 Westenhaver-QUE)

MAURITANIA

4845 *0629 RTV du Mauritanie: AA?; ID foll by religious chants. 444(11-14 B.Jones-TN)

MOROCCO

9575 1226 R. Medi Un: FF; cigarette ad, M dj, more ads, M ID & TC @1230, into nx by W. QRM de Australia/9580. 222(12-9 ed.). @1725..222(11-22 D'Angelo-PA). 333(11-22 Soomre-MA)
 15335 1736 RTV Marocaine: AA; M w/chants & other AA mx. //15330. 232(11-26 Atkins-WA)
 [I note other publications listing Medi Un as from "Spanish Sahara". In my opinion, to count defunct territories as separate countries is similar to counting WRNO as a separate country -- after all, it was once part of the Louisiana Territory! Either a country exists or it doesn't. -ed.]

MOZAMBIQUE

4865v 0304 R. Mocambique: PP; M local/national nx, ID, @0311 Kalimba mx, lcl pops. 232(12-10 ed.)

NIGER

5019 2000 LV du la Sahel: EE/FF; EE nx: new cabinet in Niger, ID as "Voice of the Sahel", into FF @2013. 232(11-18 K.Hill-MA). @0547..322(11-20 A.Jones-TN)

NIGERIA

3326 2139 R. Nigeria, Lagos: EE/VN; ad in VN, M passing ID, promo for phone-in show, TC, ID as "R. Nigeria Lagos", tlk about school awards. 322(12-9 ed.)

NIGERIA (cont.)

- 4770 2210 R. Nigeria: EE; mix of soul/reggae/pop mx on slow turntable, M dj talking over most of the songs [Sounds like real enjoyable programming.-ed.], many ID's. 444(11-22 Gerstner-NY). 434(12-15 Trescher-PA). @0555..423(11-22 Brown-IL) 343(11-30 Halstead-WV)
- 7255 1940 VO Nigeria: EE; tlk abt UN's work in Nigeria, Nx abt Nigeria, mx, off mid-song @1957*. 443(11-14 Gerstner-NY)

RWANDA

- 3330 0312 R. Rwandaise: FF/Swahili; local VN singing, M FF tlk, drum mx, nice ID hrd @ 0330 "Ici Kigali", into M Swahili mx. CHU QRM. 222(11-10 Ross-ONT)
- 17860 2050 Deutsche Welle Relay: GG; M sports, tennis news. 555(11-21 A.Jones-TN)

SENEGAL

- 4890 0012 RDif National: FF; M mx, ID, W exact TP from telephone, tribal mx, quickie s/off @0016*. QRM de pesky SS SSB net. 333(12-21 ed.)
- 4892 2110 RDif National: FF; under strong carrier; W tlk; improving later on..good ID @0059, TC 0100, ID, NA. Varying 4892.2 - 4892.6. 323(12-6 George-NA)

SEYCHELLES

- 7275 0206 FEBa: Telugu; M tlk, subcont mx, W "Feeba Radio" ID, off 0230*. 242(11-26 Westenhaver-QUE). 333(11-20 Johnson-CA)
- 9710 1420 FEBa: ??; M tlk unkn lang, IS & off @1430*. 333(12-2 Atkins-CA)
- 11860 1721 FEBa: Tigrinya; M tlk, IS & ID @1730, off @1731*. 232(Atkins-WA)
- 11865 1510 FEBa: EE; rel mx, IDs. Mixing w/VOA. 343(11-8 Miller-CA)
- 11870 0300 FEBa: Farsi; M tlk, sitar mx, same to 0330, when ID/address, IS and off @ 0330*. 353(11-14 Wright-MB)

SOMALIA

- 7200 *0300 R. Mogadishu: Somali; brass band NA, brief anmt, 5 min of Qur'an; clear ID, political tlk to 0315, then some jzyy Somali mx. Mixing w/VOA. 222(11-18 Forsgren-WI). 222(11-15 Ross-ONT). 243(11-28 George-MA)

SOUTH AFRICA

- 3215 0320 R. Oranje: AK; pop voc & instr mx, ad, musical ID. 443(11-3 Shaffer-PA)
- 3320 0321 R. Suid Afrika: AK; John Deere ad in AK, ID, instr mx. 333(12-21 ed.)
- 3927.8 0305 Capital Radio: EE; pop/rock mx, M dj, ID as "...here on Capital". Ham QRM. 222(11-14 Ross-ONT)
- 3955 0302 R. Suid Afrika: AK; accordion mx, jazz mx, Mexican hat dance [Nice mix, huh?-ed.]; ID. 323(11-22 Cole-CO)
- 4880 2200 Radio Five: EE; M ancr, Afro mx, local wx report, ID. 433(12-15 Trescher-PA) 242(11-18 Dillon-GREECE). @*0300..343(12-4 George-MA)(also by Miller-CA, Brown-IL, Hughes-FL, and Neff-FL)
- 9580 0340 R. RSA: EE; story abt world's tallest person undergoing hip surgery. [There is a joke in here, somewhere..make up your own. -ed.] 322(11-18 Janusz-NJ). (also by Shaffer-PA, Wright-MB, Brown-IL, Zirkelbach-CA, and Shreedhar-INDIA)
- 9615 0202 R. RSA: EE; headlines, cmty: Anglo-American stock scheme. 444(11-26 Brown-IL).(11-17 Addison-KS).(11-26 Miller-CA)(11-18 Wright-MB)
- 9750 1500 R. RSA: EE; African Sce: mx, ID, mailbag. 433(11-27 Kline-CA). 344(11-8 Miller-CA)
- 11730 0210 R. RSA: EE; commentary: Cubans in Angola. 454(11-17 Fraser-MA)
- 11900 2112 R. RSA: EE; Kalahari report, DX program. 545(11-1 Leader-IRELAND). 433(11-27 L.Johnson-CA). 333(11-18 Witte-CA)
- 15125 1404 R. RSA: EE; African mx, ID, Our Wild Heritage. pr-fr(11-13 Famularo-JPN)
- 15230 1912 R. RSA: PP; tlk abt Angola situation. 444(11-15 Westenhaver-QUE)
- 15390 1757 R. RSA: FF; IS to 1758, EE ID for FF sce. 343(12-1 Atkins-GA). 343(11-8 Westenhaver-QUE).
- 17835 1829 R. RSA: Dutch; tlk abt SAF arts scene. 333(11-8 Westenhaver-QUE)
- 21590 1300 R. RSA: EE; nx; POB 4559, Yours and Mine. 233(11-14 Gerstner-NY). 323(11-18 A.Jones-TN). 223(11-16 Miller-CA)

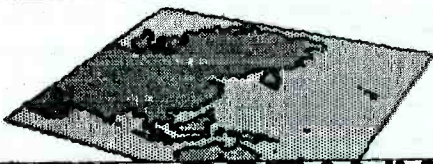
SWAZILAND

- 3200 *0258 TWR: EE/VN; chime IS, "This is TransWorld Radio, Swaziland", into VN pgm. 322(12-10 ed.)
- 9550 1824 TWR: EE; rel tlk, mx, ID's, 1845*. 522(11-6 Kline-UK). @1920..333(11-21 Ainsworth-WA)

HEAR AFRICA

Here, for what it's worth, is the long-promised 41-mb African list. I say for what it's worth because, as of late December, very few of these outlets have been noted here in NY. Best time to browse for these guys is weekends, when many sign on early enough for us to hear 'em. Good luck!

7110	Mali(0730-??) Ethiopia (0325-06,09-1030,15-20) Uganda (06-1130)	7255	Botswana (0350-1125) Nigeria (05-2200)
7110v	Moz/Inter (05-1510)	7260	Benguela, ANG ((0455-23) Comoros (09-12)
7115	Bandundu, ZR (04-22)	7265	VOA LIB (0430-07) Togo (0803-17)
7120	Libya (14-00) Harg, SOM (10-18) Kenya (0630-1330) Chad(1025-16, *07 Sun)	7270	Kenya EE(0630-1330) Gabon (0630-16) RSA (03-0730, 09-10Su,1030-1126, 18-1956, 21-2156)
7125	Guinea (06-08, 12-00) Kenya EE(0630-1330)	7275	Nigeria (08-1615) FEBA (0130-0230)
7135	RFI/ANO (06-08, 12-14) VOA LIB(1830-2230)	7280	VOA LIB (03-08)
7140	Kenya Swa(0630-1330)	7285	Mali (0658-18) RN MAD(2130-0025) Oranje/SuidAfrika(0420-1520) TWR Swazi (14-1430, 15-1530, 1745-1845)
7145	Algeria (1430-2400) Kwara,NIGERIA (0345-23)	7290	Kenya (0630-1330)
7149	Cap R., TRANSK	7295	Ghana (09-1705) RSA (11-1156) Mbuji-Mayi, ZR(04-07)
7150	Douala, CAM (0645-1630) Kenya (0630-1330) CANDIP, ZR(Su 0545-1530)	7310	Tunisia (04-07, 16-00)
7155	CapeVerde (0730-09) Niger (07-15, *0530 Sa/Su)	7475	Tunisia (04-07, 18-2240V)
7160	Huambo, ANG (04-23) RFI/ANO (18-22) Tanzania (05-15)	7865	Kananga, ZR (04-07?)
7165	Libya (00-04) Bertoua, CAM (11-16) Ethiopia (12-1300)		LATE ADDITION: 7230 Orion, RSA (0405-1610)
7170	Senegal(08-18)		
7173	Lobito,ANG (0330-17)		
7175	VOA LIB(0815-0845)		
7190	Parakou, BEN (09-17) VOA MOR (02-04)		
7195	Ghana (09-17) Uganda(03-0545, 06-1130)		
7200	ANO Gabon (06-17) Mog, SOM (03-05, 09-21)		
7204	Zaire (04-07, 10-21)		
7205	Cameroon (07-17)		
7210	Kenya (0630-1330) Senegal (10-18) TWR SWAZ (0430-07)		
7215	Angola (0530-1745) Cote d'Ivoire (06-00)		
7219.5	Zambia (05-1545)		
7220	C.A.R. (08-1630)		
7225	DW/RWANDA (0330-0530,10-1120)		
7230	Burkina (08-17)		
7235.2	Zambia (0545-1530)		
7239	Garoua, CAM (07-17)		
7240	Kenya (0630-1330)		
7242	Mozambique (04-1910)		
7245	Angola (24h) Libya (16-0330) Mauritania (0755-17 Fri)		
7246	Algeria (05-22)		
7250	Zambia (0330-2105)		
7252.5	Nampula, MOZ (04-16)		



ASIA/OCEANIA

Bob Thunberg
409 Burt Street
DuBois, PA 15801

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

Many interesting loggings to start off the New Year; I'll get right to them as an early deadline is rapidly approaching....

BANGLADESH

6140 1530 Radio Bangladesh: EE: nx; hvy fading (322 11/16 Shreedhar-India)

CHINA, PEOPLE'S REPUBLIC Radio Beijing Central People's Bcast Station

3200p 1140 V. of the Strait-Fuzhou: CC: OM/YL tlk; no ID hrd & no //s found (222 11/21 Prath-FL) CC vcl mx (353 11/14 Roach-CA)

3985 1225 RB: CC: W & M tlk, CC mx (fr-gd 11/29 Famularo-JP)

4035p 1450 Xizang PBS-Lhasa: TIBETAN: instl mx, OM tlk (322 11/17 Berri-CA)

4220t 1257 Xinjiang PBS-Urumqi: ??: per RDI; if correct, this stn on abt 15 min. earlier than before (131 11/7 Roach-CA)

4250 1146 CPBS-2: CC: radio drama (333 11/27 Roach-CA)

4760.02 1115 Yunnan PBS: CC: OM tlk, opera-like dramatic singer (152 11/19 Roach-CA)

1400 CC: ID by OM & YL into possible nx (344 11/20 Berri-CA)

4840 1153 V. of the Strait: CC: tlk & mx; several ments of "Taiwan Haixia" by YL (444 11/13 Hughes-FL) (222 11/9 Ross-ONT) Mark Hughes, whose wife is Taiwanese, was able to ID this stn which has also been reported as Heilongjiang PBS. His wife used to listen to similar proganda stns from Fujian on MW...ed.

4883 1344 RB: RR: mx, tlk by OM & YL (243 11/7 Roach-CA)

4925t 0745 Heilongjiang PBS: CC: radio drama; not listed at this time in 88 RDI (253 11/28 Roach-CA)

4960 1157 RB: JJ: OM tlk, oriental mx (222 11/10 Ross-ONT)

4990 1329 Hunan PBS: CC/EE: YL sings "Twinkle, Twinkle Little Star"; EE lang lesson (444 11/13 Roach-CA)

5030 1535 CPBS-2: CC: vcl mx; OM w/ID, class mx; IDs & 1557* (333 11/30 Sharpe-CA)

5040 0912 Fujian PBS: CC: operatic mx, tlk (444 11/25 Miller-CA)

5075 1141 CPBS-2: CC: YL tlk, CC opera; //6890 (242 11/26 Sampson-WI) CC mx, ID; //7770 (322 11/28 Prath-FL) (222 11/11 Wakefield-IA)

2215 CC: class piano mx, YL tlk (333 11/14 Ross-ONT)

5090 2223 CPBS-2: CC: YL tlk, oriental vcl mx (222 11/14 Ross-ONT)

5880 1530 CPBS-1: CC: YL/OM w/CC mx pgm (gd 11/17 Witte-CA) (353 11/24 Jessen-OR)

5960 1145 Yunnan PBS: CC dialect: nice trad. mx; TPs @ 1200, ID @ 1202 into drama; lang sounds different than standard CC (good 11/15 Famularo-JP)

6955 1844 RB: AA?: OM w/long tlk (242 11/24 Jessen-OR)

7335nf 1240 RB: EE: advertising in China; CC lang lesson; CHU QRM; // 9665, 9635 (333 11/18 Westenhover-PQ)

7504 1125 CPBS-1: CC: instl mx; YL w/ID & tlk (232 11/21 Prath-FL)

9170 1150 CPBS-2: CC: tlk, mx, TPs & ID by YL @ 1200 (232 11/26 Prath-FL)

9380 2345 CPBS-1: CC: class mx, YL tlk, western-style mx (333 11/28 Ainsworth-WA)

9390 2350 CPBS-2: CC: CC opera w/tuned gongs; // 9020 (242 11/28 Ainsworth-WA)

9645 0300 RB: EE: IS, ID, nx (332 11/6 Blight-MD)

1200 EE: tlk of fitness craze in China (555 11/9 Robinson-TN) "Letterbox" pgm (333 11/10 Neff-FL)

9665 0000 RB: EE: nx of China, drama mx (343 11/23 Card-RI)

1200 EE: nx, tlk on ethnic literature (542 11/26 Fraser-MA) (233 11/27 Roach-CA)

9670 1832 RB: RR: RR mx w/YL ancr; // 7375 (333 11/6 Dillon-Greece)

9860 1105 RB: SS: nx, cmt, ID by OM; // 6933 (232 11/21 Prath-FL)

9900p 1540 RB: CC: tlk, pop mx; 1555* (544 11/18 Miller-CA)

11650 2335 RB: SS: CC mx pgm, tlk & ID (443 11/9 Prath-FL)

11715 1200 RB: EE: nx, "Across the Land"; // 9635 (433 11/23 Alexander-NJ)

1620 EE: using rare earths in agriculture (444 11/26 Jones-TX)

R. Beijing hrd on 11715 @0000-0500 is via relay xmtrs in Mali, W. Africa, //9770. Wm. Westenhover reports that xmtrs from Mali are also hrd @ *1600 in EE on 11775 & 15310; *1700 in HAUSA on 11790 & 15130; @ 1800-2130 in various European langs on 9745 & 11790. Any reports of these bcsts should go to Al Quaglieri, SPEEDX Africa column editor....ed.

PRC cont.

11740 1238 CPBS-2: CC: table-tennis match; //s 10260, 9020, 7770, 6890, 5163, 5075, 4250 kHz (good 11/15 Famularo-JP) also // 3290
11980 0015 RB: SS: nx abt Lam, CC mx (333 11/22 Prath-FL) 70th anniv of Oct Revolution (333 11/8 Wakefield-IA)
15100 0232 RB: SS: CC mx; cooking lesson (252 11/3 Wright-MB)
2315 SS: songs by Placido Domingo (444 11/29 Jessen-OR)
15135nf 1330 Swiss Radio Int'l via RB: EE: Swiss-style TP, ID then lost to QRM; no sign of // 11695-also from China (211 11/26 Westenhaver-PQ)
15455 0333 RB: EE: Tibetan opera; "Listener's Letterbox" (253 11/4 Wright-MB)
17650 0155 RB: SS: IS & ID (444 11/24 Jessen-OR)

Ralph Famularo-JP reports that the mystery bcasts, possibly from Xinjiang, on 3280/3990 kHz have disappeared.

/CYPRUS/

British Broadcast Corp

6180 1445 BBC: EE: "This Musical World", "A Jolly Good Show" (444 11/17 Dillon-Greece)
7260 0424 BBC: EE: "Newsdesk", 0429*; listed to Scandinavia/USSR (333 11/11 Westenhaver)
9750 1631 BBC: CZECH: nx, relig tlk, EE lang lesson, ID (444 11/9 Dillon-Greece)

/HONG KONG/

British Broadcast Corp

5965 1600 BBC Far East Relay: nx; slight fading (333 11/24 Shreedhar-India)
5995 1332 BBC: EE: tlk on Scottish politics; mixing w/R.Australia; // clearer 7160 (322 12/5 Atkins-WA)
7160 1315 BBC: EE: sports, pop mx, nx (454 11/29 Radtke-CA) CA
7180 0900 BBC: EE: nx, "The World Today", "Sports Roundup"; //5995 (454 11/19 Kline-1150 EE/CC: "English by Radio"; into CC @ 1200 (333 Cole-CO) (444 11/21 Wright)
15280p 0700 BBC: EE: world nx; believed from HK (252 11/7 Wright-MB)

/INDIA/

All India Radio

3205 1700 AIR Lucknow: HINDI: concert; 1741*; 10kW xmtr signs on @1100 (422 11/23 Shreedhar-India)
3905 1447 AIR Delhi: EE: cmtly on Reagan/Gorbachev summit; ID @ 1454; best hrd in USB due to ARO QRM (222 12/5 Atkins-WA)
4860 1220 AIR Delhi: lcl lang: carrier/tones to IS @ 1233; OM w/s/on; lcl instl & vcl mx (333 11/24 Ross-ONT)
9910 0050 AIR Delhi: EE: sitar mx, cmtly & regional nx (322 11/20 Atkins-WA) cmtly on India/Hungarian trade (333 11/5 Johnson-CA) (454 11/15 Ainsworth-WA)
11620 1226 AIR: EE: Dom. Svc pgm w/DS sked, Delhi wx; into HINDI @ 1235 w/nx (fr-gd 11/15 Famularo-Japan)
1925 EE: nx by OM w/British accent (pr 11/16 Witte-CA) GDR offers hi-tech to India; //9910 (221 11/15 Ainsworth-WA) Indian mx (222 11/7 Wright-MB)
15335 1200 AIR Madras: TAMIL: GOS pgm for Indian peacekeeping forces in Sri Lanka (544 11/24 Shreedhar-India)

/INDONESIA/

Radio Republik Indonesia

4719.33M 1119 RRI Ujung Pandang: ??: song "Twisting the Night Away" (232 11/19 Roach-CA) many partial IDs; hvy Ute QRM (232 11/10 B.Jones-TX) (444 Miller-CA)
1520 INDO: nx, OM speech; Indo pop instl mx; usual QRM (323 11/30 Sharpe-CA)
4790t 0825 RRI Fak Fak: IN: M/W ancrs, US pop mx w/Indo lyrics (242 11/17 Flynn-CA)
4930 1558 RRI Surakarta: EE: Indo mx; OM w/nx; noisy & QSB (2+ 11/17 Witte-CA)
6070 0905 RRI Jayapura: IN: disco/lite rock mx, ID @ 0912; covered by USSR stn @ 0920 (fr-pr 11/21 Famularo-JP)
7270 1555 RRI Jakarta: IN: western pop mx, ID @ 1600; //4774, 11770-both hrd (344 11/11 Ainsworth-WA)
11787 1720 V. of Indonesia: SS: instl & vcl mx; QRM (322 11/13 Jessen-OR)

/IRAN/

Voice of the Islamic Republic of Iran

4990t 1347 VOIRI: AA or FARSI: chants, ment of Iran (222 12/5 Atkins-WA)
6220 2212 VOIRI: FARSI: OM tlk, heroic-sounding vcl; IS 2228-30, ID; chimes & 30 sec. tlk in AA then abruptly off (333 11/23 Westenhaver-PQ)
9022 1930 VOIRI: EE: YL w/nx (333 11/12 Langlois-FL)

/IRAQ/

Radio Baghdad

6110 0159 RB: EE: ID, Press Review; to NAM-poor choice as is co-channel BBC in SS; no sign of //11810 for India/Pakistan (322 11/9 Westenhaver-PQ)
7295 2105 RB: EE: Mid East nx, war communique, AA mx; beamed to Europe; jammed but somewhat better than 6110 to Nam (333 11/8 Westenhaver-PQ)
11740t 0503 RB: AA: Qur'an, AA mx hrd under co-chan USSR (fr-pr 11/11 Famularo-JP)

IRAQ cont.11810 0100 RB: EE: war nx, cmty on Iran's aims (333 11/17 Johnson-CA)ISRAELKol Israel

The strike by Israeli radio & TV journalists ended on 27 Nov, thus Kol Israel is now once again broadcasting.

7410 0500 KI: EE: nx of debate in Knesset (333 11/30 Shaffer-PA)
 9435 0103 KI: EE: nx, intvw w/professor on child care (333 12/2 Brown-IL) PQ)
 9845 0110 KI: EE: D87 EE freq sked; //9435, 7462 (anncd 7460) (333 11/29 Westenhaber-
 11585 1753 KI: HH?/EE: western swing mx, OM tlk; EE @ 1800 (411 11/29 Janusz-NJ)

JAPANNihon SW Bcast Radio Japan

3945 0901 NSB: JJ: Latin mx, EE lang lesson; "Radio Tanpa" ID (544 11/23 Kline-CA)
 5990 1105 RJ: EE: import restrictions eased (333 11/11 Wakefield-IA) tlk on thought
 transference, flute mx (545 11/13 Robinson-TN)
 1410 EE: "Japan Scene" (544 11/22 A.Jones-TN) wld nx, Tokyo TC, cmty on US
 Stock Market (333 11/17 Kerrigan-IL) "R.Japan Journal" (544 Kline-CA)
 9595 0609 NSB: JJ: rapid-fire tlk, poss. stock report (333 12/3 Ainsworth-WA)
 9695 1430 RJ: EE: tlk abt port city (444 11/9 Zirkelbach-CA)
 9760 0615 NSB: JJ: tlk by giggling YL; //6115 (454 12/3 Ainsworth-WA)
 11800 2306 RJ: EE: "News This Week", Business column (544 10/31 Leader-Ireland)
 15300 2300 RJ: EE: Asian comic stories (333 11/25 Barber-IL) nx, cmty on Malaysia (333
 11/22 Brown-IL) (343 11/11 Wright-MB) (3+ 11/16 Witte-CA) CA)
 17845 0320 RJ: EE: "Commentary" on Japan Games, "Tokyo Pop-In" (433 11/10 Zirkelbach-

JORDAN11920 1350 R. Amman: AA: tlk pgm, ID & TC @ 1400, nx to 1405 (322 11/24 Soomre-MA)KAMPUCHEAVoice of the People of Kampuchea

9695 *0000 VOPK: EE: s/on w/IDs, nx, tlk of Soviet October Revolution; into FF @ 0014;
 also hrd @ 1200 (fr-gd 11/14 Famularo-JP)
 11937 0720 VOPK: CAMBODIAN: tlk on Kampuchean-Vietnam relations; 0731*, DS sked seems
 to have been extended (good 11/26 Famularo-JP)

KOREA, DEM. PEOPLE'S REP.Radio Pyongyang

4119.9 1251 VO National Salvation: KK: jammed by warble jammer (222 11/22 Roach-CA)
 6576 1100 RP: EE: ID, NA, sked; "The Scenic Spots in Korea"; 1147* (454 11/25 Kline-
 CA) labor tlk (444 11/10 Cole-CO) anti-US tlk (343 11/26 Prath-FL)
 7230 0720 RP: CC: KK mx, OM/YL tlks; IDs @ 0730, 0745 & 0749* (333 11/27 Sharpe-CA)
 9325 1300 RP: EE: NA, bcast sked; nx, Current Affairs (232 11/26 Gerstner-NY)
 9345 1625 RP: FF: ID, mx; tlk of Haiti election; 1650* (333 12/2 Sharpe-CA)
 11735 2140 RP: EE: nx cmty; // 13650 (433 11/13 Jessen-OR)
 15115 0012 RP: EE: cmty & anti-imperialist tlk; 0048* (353 11/11 Jones-TX) pgm on N.
 Korean athletes (444 11/3 Johnson-CA) NY)
 15160 0040 RP: EE: cmty on US military bases in S. Korea; 0050* (232 11/10 Gerstner-

Ralph Famularo recently phoned me from Japan w/info on a 3rd N. Korean clandestine stn,
Voice of the People-Pyongyang. The stn announces its freqs as MW 1600 & SW 3910, though
 Ralph had to tune to 3913 kHz to avoid FEN-Japan. He sent a tape of the bcast to SPEEDYer
 Koji Yamada who says the bcasts carry a strong anti-S. Korean govt slant and are intended
 for the upcoming S. Korean elections. Two-one hr xmsn times are sked, 1500-1600 and 2000-
 2100. Koji reports that the ancr has a "Pyongyang accent"...tnx fer the call Ralph!...ed.

KOREA, REPUBLIC OFRadio Korea

7275 1550 RK: EE/KK: nx, ID, TPs into KK @ 1600 (544 11/28 Miller-CA)
 9570 0604 RK: EE: S.Korean feud w/N. Korea over plane crash (333 12/3 Ainsworth-WA)
 1440 EE: "Korea Calling" abt Olympic Village (444 Zirkelbach-CA)
 9750 1158 RK: EE: ID, IS, NA into oriental lang pgm (343 11/16 B.Jones-TX)
 1400 EE: nx, cmty, "Seoul Calling", "KBS Salon" (443 11/27 Kline-CA)
 15575 2300 RK: EE: cmty on US/USSR nuclear control tlks (342 11/25 Barber-IL) (3+
 11/16 Witte-CA) (333 11/22 Brown-IL) (453 11/24 Kline-CA)
 0010 EE: KK lang lesson (333 11/5 Langlois-FL) "Pulse of Korea"(12/10 Bishop-NY)

KUWAITRadio Kuwait

9840 1725 RK: AA: AA mx, ID, sports incl NHL scores! //9880, 11990 (433 11/16 Dillon-
 11665 1800 RK: EE: "Elvis-His Life & Mx" (343 11/8 Neff-FL) (242 11/29 Janusz-NJ)
 (322 11/27 Johnson-CA)
 11990 1310 RK: AA: "Huna al-Kuwait", mx, tlk; // 15505 (333 11/28 Prath-FL)

LAOSLao National Radio

6130 1322 LNR: LAO: chant-like vcls, martial mx @ 1329, M/W "Wianchan" IDs; co-chan USSR stn (pr-fr 11/26 Famularo-JP)

LEBANONVoice of Lebanon

6550p 2345 VOL: AA: OM/YL tlk; 90% sure I hrd ID @ 0000, AA mx (222 11/14 Prath-FL)

MALAYSIA, EASTERNRadio Malaysia

4835 1536 RM-Kuching: MALAY: Malay pop vcls, Qur'an; ID @ 1557, YL w/s/off, NA (242 11/29 Sharpe-CA) AA-type mx to s/off (232 11/21 Ainsworth-WA) (Roach-CA)
 4895p 1352 RM-Kuching: ??: OM/YL tlk (232 11/7 Roach-CA)
 4950 1400 RM-Kuching: EE: SKED, ID, cmty abt S.E.Asia (444 11/9 Zirkelbach-CA)
 1157 EE: mx at tune in, ID into CC @ 1200 (243 11/21 Roach-CA) (11/17 Witte-CA)
 1545 EE: "Radio Friends" letters & mx request pgm (444 11/11 Ainsworth-WA)
 4970 1516 RM-Kota Kinabalu: MALAY: pop mx requests, nx; Qur'an, YL w/ID &s/off w/NA (232 12/74 Sharpe-CA) (222 11/20 Jessen-OR)
 5030p 1147 RM-Kuching: ??: songs w/EE lyrics (232 11/19 Roach-CA) (222 11/24 Jessen-OR)

MALAYSIA, PENINSULAR

4845 1420 RM: TAMIL(listed): sub-cont. mx, M tlk, flute mx, choral anthem & 1500*; splatter de 4850-Beijing (pr-fr 11/13 Famularo-JP)
 5965t 1335 RM: VERN: nx; no ID hrd (242 11/20 Jessen-OR)
 15295 1705 RM: MALAY: Malaysian mx; vy wk signal (232 11/12 Jessen-OR)

MONGOLIARadio Ulan Bator

9615 1337 RUB: CC: Vcl & orch mx, ID "Ulan Bator guangbo diantai" by W; IS & Mongolian lang s/on @ 1400 (good 11/14 Famularo-JP)

NEPAL

5005 1217 Radio Nepal: NEPALI: OM/YL tlk; signal improved @ 1242 w/flute mx; OM w/EE ID; nx in NEPALI until 1254 f/out (222 11/24 Ross-ONT)
 1411 ??: YL w/poss. ID; song "Red Sails in the Sunset"; chanting; did not switch to EE as sked (232 11/10 Roach-CA)

PAKISTANRadio Pakistan

4791p 1211 Azad Kashmir Radio: unid lang: chanting & OM tlk to 1218 f/out (211 11/10 Ross-ONT)
 9785nf *1615 RP: EE: IS, lcl & UTC TCs, ID, slow speed nx (fair 11/28 Famularo-JP)

PHILIPPINESRadio Veritas AsiaVoice of America

9540 1430 RVA: VV: AA-type mx under QRM (222 11/20 Miller-CA) EE ID (323 Jessen-OR)
 9640 1350 RVA: BURMESE: W tlk, SEA mx; theme mx @ 1355* (fr 11/17 Famularo-JP)
 9760 1303 VOA: EE: "focus"; E.Asian sked; "Science Report" (443 11/27 Kline-CA)
 15290 2230 VOA: EE: nx of upcoming summit; // 15305 (433 11/9 Zirkelbach-CA) (343 11/16 Jessen-OR)
 15330 0130 RVA: EE: cardinal's visit to India (433 11/8 Johnson-CA) church nx & mx (211 11/17 Miller-CA)
 15365 0130 RVA: EE: IS, ID, tlk on Nepal, "RVA Perspective" (fr 11/29 Shimada-JP)

SAUDI ARABIABcast Service of the Kingdom of Saudi Arabia

7150 1958 BSKSA: AA: YL anmt; AA instl mx; ID @ 2000 into presumed nx (322 11/25 Westenhaver-PQ) AA vcl mx (321 11/26 Bishop-NY)
 9720 1915 BSKSA: EE: ME nx, mx, sports nx, ID @ 1930 (232 11/22 Card-RI)
 9870 1715 BSKSA: AA: intvw, tlk abt Islam, chanting; ID @ 1733 (242 11/21 Dillon)

SINGAPOREBritish Bcast CorpSingapore Bcast Corp

3915 1430 BBC: VV: EE anmt into VV lang pgm w/ID & nx (444 11/17 Berri-CA)
 11940 0949 SBC: EE: lcl TC, ad for Long John Silver's; "Radio One" ID, pop mx, nx (333 11/27 Atkins-GA)
 1517 EE: phone-in pop mx pgm; best ever hrd here (553 11/27 Kline-CA) pop, EZL mx; ID & nx @ 1700 (433 11/21 Zirkelbach-CA)

SRI LANKA

11800p 1815 Sri Lanka Bcast Corp: TAMIL: sub-cont. mx (222 11/15 Ainsworth-WA)

SYRIARadio Damascus

11625 2005 RD: EE: nx (333 11/11 Hughes-FL) AA mx, cmty (322 11/15 Ainsworth-WA)

SYRIA cont.12085 2021 RD: EE: mx, tlk on events in S. Lebanon (333 11/7 Wright-MB)/TAIWAN/Voice of Free China7130 1325 VOFC: KK: class & KK mx, IDs (544 12/4 Miller-CA)
15345 0230 VOFC: EE: CC mx, tlk on National Assembly (222 11/25 Miller-CA)/THAILAND/4830t 1353 Radio Thailand: ??: Asian mx bldg to climax when YL starts chanting; ID based on mx type & RDI 88 listing (232 11/13 Roach-CA)/TURKEY/Voice of Turkey9445 0414 VOT: EE: Turk mx, ID (444 11/8 Levison-PA)/UNITED ARAB EMIRATES/5955 0259 V. of UAE-Abu Dhabi: AA: YL anmt; 6TPs for 0300, ID & nx; QSB & faint unid co-channel QRM; new freq? (333 11/18 Westenhover-PQ)
15435 0445 R. Dubai: AA: vcl mx, phone calls; TPs, ID @ 0500, nx (pr 11/21 Shimada-JP)
21605 1336 R. Dubai: EE: nx of Soweto rent boycott (444 11/18 A.Jones-TN) nx, wx; tlk on the Living Desert (433 11/21 Gerstner-NY) JP)
21700 0530 R. Dubai: EE: ID, TPs, nx of Arab summit; lcl CB QRM (fr-gd 11/11 Famularo-/VIETNAM/Voice of Vietnam6622.5t 1114 Lai Chau: VV?: vy faint-OM chanting; OM/YL vcls in unid tonal lang-mx sounds VV (121 12/5 Atkins-WA)
9840 1340 VOV: EE: lcl nx & mx; Gorbachev's speech (433 11/9 Zirkelbach-CA)
1800 EE: nx & cmty by YL (242 11/20 Jessen-OR)
12020 0415 VOV: CC: martial mx, YL long tlk (232 12/1 Jessen-OR)/YEMEN ARAB REPUBLIC/4852.8 0310 R. San'a: AA: Qur'an; RTTY QRM: // better 9779.3 (222 11/10 Ross-ONT)
9780 1915 R. San'a: AA: intvw, current affairs, AA mx, ID (322 11/10 Dillon-Greece)/UNIDENTIFIED/5050 1200 Unid lang: OM & YL in poss. CC; mx into Asian lang tlk (444 11/27 Roach-CA)
15595 0522 CC: YL tlk w/ments of "Meiquo", "Taiwan" & "Chung-gung" (Taiwancsc negative term for Chinese communists (332 12/3 Ainsworth-WA)OCEANIA/AUSTRALIA/Radio Australia2485p 1120 VL8K-Katherine: EE: signal faded one min. after tune-in (151 11/14 Roach-CA)
4920 0830 VL4-Brisbane: EE: "Short & Sweet" w/Benny Goodman mx; nx @ 0910; //VLQ9 on 9660 (453 11/21 Kline-CA) NZ & Aust'l nx (232 11/21 Roach-CA)
5995 *0800 RA: EE: TCs, rock mx; //6080, 9710 to PNG (353 11/24 Shaffer-PA) tlk abt Fiji, pop mx (242 11/8 Westenhover-PQ) S.Pacific nx (343 12/1 Wakefield-IA) cmty, wld nx (524 11/3 Trescher-PA)
6035 1600 RA: EE: ID; QRM de R. Moscow (322 11/14 Jessen-OR)
6060 1250 RA: EE: "Australia Tonight" (555 11/9 Trescher-PA)
6080 1113 RA: EE: rock mx w/F anc (444 11/18 Levison-PA) TN)
7215 1100 RA: EE: s/on, nx, mx (453 11/26 Muzyka-NY) tlk on Antarctica (555 Robinson-IA)
9580 1230 RA: EE: "Interaction" on book abt Aborigines (454 11/17 Fraser-MA) (444 1/21 Prath-FL) (544 11/16 Kline-CA) (544 11/11 A.Jones-TN)
9610 1510 VLW9-Perth: EE: "Greatest Hits of 1940"; nx @ 1600 (342 11/28 Janusz-NJ)
1258 EE: "6WF" ID, ABC nx; "Sentimental Journey" (333 11/21 Gerstner-NY) nx, stock market report (444 11/19 Kline-CA)
1800 EE: Australian folk songs (343 11/16 Jessen-OR)
9645 1400 RA: IN: wld nx, ID, tlk on Iran & Arab countries (good 11/17 Famularo-JP)
9655 0804 RA: EE: "International Report"; fading (423 11/2 Leader-Ireland) diary of a ship's surgeon; 1030* (333 11/28 Brown-IL)
9770 1228 RA: EE: lotter. numbers, "Weekend Magazine" (433 11/21 Gerstner-NY) "This Australia" (454 11/21 Kline-CA)
11720 0809 RA: EE: nx of Indo influence in S.Pacific; //9655 (453 11/21 Kline-CA) racing w/Sterling Moss (444 11/8 Wakefield-IA)
15160 2055 RA: EE: IS, mx pgm hrd under VOA (11/16 Witte-CA) OR)
15320 0115 RA: EE: nx of Alaskan earthquake (444 12/1 Valentine-CA) (343 11/17 Jessen-

AUSTRALIA cont.

17795 0200 RA: EE: nx of violence in Mid East (444 12/1 Valentine-CA)

GUAM

9830 1600 KSDA (AWR Asia): HINDI: relg pgm; EE lang Svc @ 1500-1600 on 11980 (444 11/23 Shreedhar-India)
9870 1355 KTWR: EE: request for reports; bible passages read (11/21 B.Jones-TX)
1450 EE: relg pgm; special 10th anniv QSL card available (433 11/26 Zirkelbach) (344 11/11 Miller-CA)
11700 0430 KSDA: EE: relg mx, ID @ 0458 (232 12/3 Jessen-OR)
17865 0235 KSDA: EE: Bible story, "AWR Asia" ID, health pgm (gd-exc 11/9 Famularo-JP)
0530 CC: relg mx, OM tlk; EE ID @ 0600 (good 11/22 Shimada-JP)

MARIANA ISLANDS

11980 2200 KFBS-Saipan: EE/?: EE ID into unid lang pgm w/mx (443 11/8 Neff-FL)
15375 1155 KFBS: IN: lite mx, tlk; ID @ 1229 into MALAY; 1259* (fr-gd 11/14 Famularo)
15405 2230 KYOI-Saipan: EE: pop mx; QRM de Deutsche Welle (222 11/9 Zirkelbach-CA)

MARSHALL ISLANDS

4940 0722 WSZO-Majuro: EE: tlk on suicide prevention; pop mx (243 11/28 Roach-CA)
0842 EE/MARSHALLESE: island mx, freq given in Marshallese @ 0900, amnt & jingle then more mx to ID & s/off @ 1000 (333 12/5 Atkins-WA) island mx (232 11/22 Cole-CO) (433 11/8 Miller-CA)

NEW CALEDONIA

7170 0845 RFO Noumea: FF: US 50s & 60s pop mx (232 11/26 Shaffer-PA) (141 Roach-CA)

NEW ZEALAND

Radio New Zealand

15150 0457 RNZ: EE: EZL mx pgm, ID & nx @ 0500 (444 11/24 Hughes-FL)
1957 EE: nx of Australian/Fiji trade agreement (232 11/15 Ainsworth-WA)
17705 2315 RNZ: EE: sports report; tlk on migrating whales (444 11/29 Zirkelbach-CA)
1cl nx & wx; weak w/woodpecker QRM (vy pr 11/17 Famularo-JP)

PAPUA NEW GUINEA

3315t 1139 R. Manus: VERN: OM ancw w/flute & drum mx (131 11/19 Roach-CA)
4889.95 1346 NBC Port Moresby: EE: pop mx; CW QRM (242 11/7 Roach-CA) HS pops, ID (333 11/14 Miller-CA) tlk on PNG govt (433 11/9 Hughes-FL)

SOCIETY ISLANDS

6135 0632 R. Tahiti: FF: island mx, nx @ 0700 (141 11/8 Roach-CA)
0510 TAHITIAN/FF: OM tlk, Polynesian mx; het (322 11/18 Jessen-OR)
11825 0325 R. Tahiti: FF/TAHITIAN: tlk, island & EZL mx (544 11/26 Miller-CA)
0417 FF: island vcl mx (252 11/21 A.Jones-TN)
15170 0453 R. Tahiti" TAHITIAN: YL tlk, island mx (343 11/24 Hughes-FL)

SOLOMON ISLANDS

Solomon Islands Beast Corp

9545 0810 SIBC: EE: wld & regional nx headlines; woodpecker QRM (342 11/23 Lemke-ALB)

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Radio New Zealand-"The Tin Whistle of the Pacific": Though not considered a great DX catch by US SWLers, I bet that most of you remember the thrill of your first RNZ logging; mine was in June 1976 around 0400 on 11705 kHz. Why such a thrill in hearing a station from such a large, English-speaking country? After all, nobody gets too excited about being able to hear R. Australia, whose signals boom into ECNA. To answer this question, just take a look at the fine print under RNZ in any WRTH; there you will find that the overseas service uses two xmtrs, both only 7.5 kW in power! What the WRTH doesn't tell you is that these xmtrs are 40 years old! One organization who is highly upset w/RNZ's antiquated SW service is the NEW ZEALAND RADIO DX LEAGUE. According to reports in this organization's bulletin NEW ZEALAND DX TIMES, during their 39th annual meeting on 10 Oct, strong feelings were expressed at successive governments' failure to provide for the Shortwave Services of RNZ, and it was agreed to make a press statement in support of the BCNZ's proposals to upgrade the 40-year old xmtrs. Jack Fox summed up the meetings feelings with the apt phrase "the tin whistle of the Pacific"! This press statement has already been published in many NZ newspapers. [NZ DX TIMES, Nov. 87]

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Many thanks to all who sent Holiday greetings; best wishes for a DX-filled 1988! 73s,

44

Bale

SPEEDX QSL REPORT

Ray Forsgren - 4856 Inlet Drive - Chippewa Falls, WI. - 54729 - USA

AFRICA

ASCENSION ISLAND / BBC Relay: 6005 f/d form ltr. in 203 ds. for 2 ircs. V/S S.M. Wadsley. (Kline-CA).

BENIN / ORTB: 4870 f/d cd. in 30 ds. for a FF rpt. and ms. (D'Angelo-PA).

BURKINA FASO / RTV Burkina: 4815 p/d ltr. in 32 ds. for a FF rpt. and an irc. (Masamune-JAPAN). f/d ltr. in 43 ds. for 2 ircs. (Levison-PA).

CAPE VERDE / R. Nacional: 3931 f/d ltr. w/ sked. in 30 ds. after 9th. f-up for a PP rpt. & ms (which was returned), V/S Carlos F. Concalves. (Van Horn-FL)...very nice!!

CHAD / R. Moundou: 5286 f/d pfc w/ f/d ltr. in 31 ds. for a FF rpt. & 2 ircs. V/S Maimos Jacques. (D'Angelo-PA).

EGYPT / R. Cairo: 9475 f/d Mural cd. w/ sked. & sticker in 51 ds. for 3 ircs. (Johnson-CA).

GHANA / GBC: 4915 f/d Logo cd. w/ sked. in 81 ds. for 2 ircs. (Wright-MB).

IVORY COAST / Rdif. Ivoirienne: 11920 p/d form ltr. w/ sked. in 367 ds. for a FF rpt. & ms. V/S G. Tchimou. (George-MA)...nice one; they've been quite quiet QSL wise lately- evidently they ran out of their cards as the form ltr. suggests...

MALI / RTV Malienne: 4783 p/d Map cd. in 33 ds. for a FF rpt. & \$1. (JAPAN-Masamune).

MAURITANIA / R. Nationale: 4845 f/d Map cd. in 21 ds. after 4th f-up for a FF rpt. & ms, also \$1. (Van Horn-FL)...another nice one, Gayle. Good work!

MOZAMBIQUE / R. Mocambique: 4865 p/d Map cd. in 49 ds. for \$2 & ms. (Evans-TN)...another seldom heard from African...

NIGER / ORTN: 5020 f/d cd. in 74 ds. w/ sticker & ltr. for a FF rpt. & a tape. Also received a R. Moscow cd, via Niger. (Leite-MA).

SOUTH AFRICA / Radio RSA: 6010 f/d Zebre cd. w/ sked. in 28 ds. (Wakefield-IA). 11730 f/d cd. in 18 ds. (Levison-PA). 21590 f/d cd. w/ sked. & calendar in 10 ds. (Leader-IRELAND). f/d cd. in 15 ds. (Gerstner-NY). R. Oranje: 3215 p/d ltr. w/ sticker in 28 ds. for \$1. V/S Christo Olivier. (Wilkins-CO). R. Orion: 3955 f/d SABC cd. w/ sked. & info. on R. Oranje(?) in 40 ds. V/S Minnie Visser. (D'Angelo-PA). f/d cd. in 58 ds. (Levison-PA). Radio 5: 4880 f/d SABC cd. in 48 ds. for 2 ircs. (Wakefield-IA).

ASIA

CHINA / R. Beijing: 9570 no cd. for rpt, however they sent 2 calendars & 2 skeds. (maybe they forgot the card because of all the goodies!!). (Miller-CA). 9665 f/d cd. in 25 ds. w/ goodies. (Leite-MA). 11500 f/d Statue cd. w/ sked. & mag. in 35 ds. (Levison-PA). 11885 f/d Buddha cd. w/ an R.B. Commemorative Envelope in 36 ds. (Wright-MB). Voice of the Strait: 5770 n/d bridge cd. w/ sked. & sticker in ?? ds. for 3 ircs. (George-MA).

/HONG KONG/ BBC Relay: 7180 f/d Marina cd. in 17 ds. for 2 ircs. V/S Philip Sandell. (Van Horn-FL). 11820 typical n/d cd. in 28 ds. (Evans-TN).

/INDONESIA/ RRI Manado: 3215 p/d personal ltr. in 26 ds. after f-up for an IN rpt. & \$1. V/S Drs. S.H. Kasenda. (Coday-CA). RKIP Surabaya: 4699 f/d form ltr. in 21 ds. for an IN rpt. & ms. V/S Mrs. Koen Tarjadi. (CO-Wilkins).

/JAPAN/ R. Japan: 11815 n/d Kyoto cd. w/ sked. & sticker in 18 ds. for \$1. (Hawkins-TX). 15300 n/d Persimmons at Osaka cd. w/ calendar in 11 ds. (Leader-IRELAND). n/d cd. w/ goodies in 14 ds. (Westenhaver-QU). R. Tanpa: 3925 f/d x'mitter cd. in 27 ds. after f-up for \$1. (Coday-CA).

/KUWAIT/ R. Kuwait: 11665 no card, just a postcard, "The Kuwaiti Digest", and 18(!!!) skeds. Looks like another one that forgot the card amidst all the goodies! (Kline-CA).

/PHILIPPINES/ R. Veritas: 9770 f/d cd. w/ sked. & calendar in 6 ds. (Miller-CA).

/SINGAPORE/ SBC Radio 1: 11940 f/d Fireworks cd. w/ mag. in 141 ds. for 2 ircs. (Kline-CA).

/SOUTH KOREA/ R. Korea: 9750, 9870 & 15575 f/d Marathon cd. w/ goodies in 24 ds. (Miller-CA). 15575 f/d cd. w/ goodies in 20 ds. (Johnson-CA).

/SRI LANKA/ SLBC: 9720 f/d Building cd. in 90 ds. for 2 ircs. (Wilkins-CO).

/TAIWAN/ Voice of Asia: 7440 f/d cd. w/ ltr. in 42 ds. for ms & a SAE. V/S Cathy Wong. (George-MA).

/UNITED ARAB EMIRATES/ R. Dubai: 21605 f/d Great Circle Map cd. w/ pennant & sked. in 16 ds. for 2 ircs. (Kline-CA). f/d cd. w/ pennant in 20 ds. (Jones-TN)...is this one sending out new cards???

EUROPE

/ALBANIA/ R. Tirana: 7065 p/d Museum cd. w/ ltr. & sked. in 36 ds. for 2 ircs. (Kline-CA). f/d cd. in 58 ds. for 3 ircs. (Blight-MD).

/AUSTRIA/ RAI: 9550 f/d Costumes cd. in 38 ds. w/ sked. (Wright-MB). f/d cd. in 59 ds. (Brown-IL). 9550 & 6000 f/d cds. in 60 ds. (Miller-CA). 9550 f/d cd. w/ sked. & rpt. forms in 64 ds. for an irc. (Huber-OH).

/BELGIUM/ BRT: 9675 & 15590 f/d Photo cd. in 21 ds. (Gerstner-NY). 9790 & 9925 f/d Beach cd. in 71 ds. (Levison-PA).

/BULGARIA/ R. Sofia: 6070 f/d cd. in 180 ds. (D'Angelo-PA). 7115 f/d Palace cd. in 58 ds. (Johnson-CA). f/d Theatre cd. w/ rpt. forms in 343 ds. (Wright-MB). 9700 f/d cd. in 13 mo. (Weber-OH). 11750 f/d cd. in 176 ds. for a taped rpt. and an irc. (Blight-MD). 15140 f/d Sofia cd. in 99 ds. for an irc. (Jones-TN).

/CZECHOSLOVAKIA/ R. Prague: 5930 f/d Statue cd. in 84 ds. (Johnson-CA). 7345 f/d Fountain cd. w/ rpt. forms in 2 mo. (Wallace-MA). f/d Bridge cd. w/ sticker in 82 ds. (Kline-CA). 9740 f/d Tower cd. in 84 ds. (Johnson-CA).

/DENMARK/ R. Denmark: 15165 f/d cd. in 14 ds. for a taped rpt. (Blight-MD).

/GERMAN DEM REP./ RBI: 6080 & 9730 5 f/d cds. w/ calendars in 17 ds. (NY-Gerstner). 9560 f/d Palace cd. w/ goodies in 74 ds. for ms. (Kline-CA).

/GERMAN FED. REP./ Bayerischer Rundfunk: 6085 f/d Mountain cd. in 21 ds for \$1. (Wilkins-CO). RFE: 15215 f/d cd. in 7 ds. for a taped rpt. & ms. (Blight-MD).

/GREECE/ VoG: 9420 f/d Olympia cd. w/ sked. in 44 ds. for an EE/Greek rpt. (Wright-MB). f/d Knossos cd. w/ sked. in 60 ds. for 2 ircs. (Kline-CA). R. Stathmos Mak.: 9935 f/d cd. in 32 ds. (Masamune-JAPAN). 11595 f/d Palaistra cd. w/ book in 2 mo. for 2 ircs. V/S D. Goussides. (Wallace-MA).

HUNGARY R. Budapest: 11910 f/d Globe cd. in 24 ds. for \$1. (Kline-CA).

MALTA IBRA Radio: 6110 f/d CN Tower cd. in 22 ds. V/S Kimberly Youngren (Masamune-JAPAN).

MONACO TWR: 7105 f/d Globe cd. w/ sked. in 25 ds. for 2 ircs. (Kline-CA). f/d cd. in 153 ds for 2 ircs. (Holbrook-MD). f/d Map cd. w/ sked. in 193 ds. (Wright-MB).

NORWAY RNI: 9580 f/d Antenna cd. w/ sticker & sked. in 53 ds. for an irc. (Kline-CA). 15310 f/d Church cd. w/ sticker & sked. in 21 ds. (NY-Gerstner). p/d Procession cd. w/ sticker & sked. in 36 ds. for an irc. (Hughes-FL). f/d Costumes cd. w/ sked. in 38 ds. (Wright-MB).

POLAND R. Polonia: 7270 f/d Chopin cd. w/ goodies in 71 ds. V/S Zdzislaw Frackiewicz. (Levison-PA).

PORTUGAL R. Portugal: 9705 f/d White cd. in 30 ds. (Masamune-JAPAN).

SPAIN REE: 9630 f/d Bull Fight cd. in 42 ds. (Gerstner-NY). f/d Sevilla cd. in 62 ds. for an irc. (Kline-CA). f/d Corridade Toros cd. in 93 ds. (IL-Brown).

SWEDEN RSI: 11705 f/d Earth cd. w/ sked. in 16 ds. (Levison-PA). 11785 f/d Farm cd. w/ sked. in 16 ds. V/S Claude Stephenson. (Leader-IRELAND).

SWITZERLAND SRI: 6165 f/d Parliament cd. w/ sekd. in 12 ds. for an irc. (Kline-CA). 15570 f/d Glarus cd. in 14 ds. (Gerstner-NY). 21695 f/d cd. in 13 ds. (Gerstner-NY).

VATICAN CITY R. Vaticana: 6150 f/d Tower cd. w/ sticker & book in 64 ds. (Huber-OH). 9645 f/d Leo XIII cd. in 62 ds. (Brown-IL).

U.S.S.R.

R. Moscow: 7400 via Simferopol f/d cd. in 52 ds. (Evans-TN). 9530 via Kenga; 7105 & 9880 via Simferopol; 7115 & 7135 via Ivano-Frankovsk; 7230 & 9765 via Lvov; 7185 via Vinnitsa; 7400 via Moscow; 11675 via Armavir; 11980 via Zhigulevsk f/d cds. in from 1 to 3 mo. (Wallace-MA).
R. Peace & Progress: 7230 f/d Peace cd. w/ sked. & forms in 92 ds. (IA-Wakefield).

R. Vilnius: 11875 f/d cd. w/ ltr. & sked. in 60 ds. V/S J. Lukosevicius. (Miller-CA).

R. Yerevan: 13645 plane f/d paper cd. in 92 ds. for an irc. (Wilkins-CO).

NORTH AMERICA

ALASKA KNLS: 7355 f/d Building cd. w/ sked. in 25 ds. for ms & a EE/CC rpt. (Westenhaver-QU).

CANADA RCI: 5960 f/d Olympic cd. in 14 ds. (Hawkins-TX). CPRX: 6070 f/d cd. w/ personnel ltr. in 49 ds. (Masamune-JAPAN). f/d Plane over Toronto cd. in 61 ds. (Huber-OH). R. Japan Relay: 6120 n/d Persimmons cd. in 18 ds. (Gerstner-NY). n/d cd. in 21 ds. (Leite-MA).

COSTA RICA R. Reloj: 4832 p/d Globe cd. in 36 ds. for a SS rpt. & ms. V/S Francisco Barabona G. (D'Angelo-PA)...this is still one of my favorite cards!...

DOMINICAN REP. R. Clarin: 11700 n/d cd. in 40 ds. for \$1. (Masamune-JAPAN).

HONDURAS R. Luz y Vida: 3250 f/d form ltr. in 354 ds. for a SS rpt. & 2 ircs. V/S Don Moore. (Wakefield-IA). f/d form ltr. in 485 ds. for 2 ircs. (Hill-MA). La Voz de la Mosquitia: 4910 n/d ltr. w/ f/d pfc. & pennant in 14 ds. for ms, via Tupelo, Mississippi QTH. V/S Sammy Simpson. (George-MA). f/d ltr. w/ f/d pfc & pennants in 44 ds. for a SS rpt. and ms. V/S Jose Roldan Brown A. This direct to Honduras. (George-MA).

NETHERLANDS ANTILLES/ R. Nederland Relay: 6165 f/d x'mitter cd. in 25 ds. (Masamune-JAPAN). TWR: 11815 f/d Antennas cd. in 26 ds. V/S Chuck Roswell. (Gerstner-NY). f/d cd. in 20 ds. (Blight-MD).

UNITED STATES/ KGEI: 15280 f/d cd. in 22 ds. for ms. (Blight-MD). R. Marti: 9525 f/d Portrait cd. w/ ltr. in 78 ds. for a SS rpt. (Wright-MB). VOA: 10454 (USB Feeder) f/d cd. in 44 ds. for ms. (Hawkins-TX). 11760 f/d Capitol cd. w/ sked. & rpt. forms in 22 ds. (Leader-IRELAND). f/d Newsroom cd. w/ sked. & forms in 22 ds. (Leader-IRELAND). WCSN: 15300 n/d cd. w/ sked. in 87 ds. (Wright-MB). 15395 n/d cd. w/ note in 60 ds. (Kline-CA). WHRI: 9580 f/d Test cd. w/ forms & sked. in 57 ds. for ms. V/S S. Kutley. (Westenhaver-QU). WINB: 15145 f/d cd. in 30 ds. for a taped rpt. & ms. (Blight-MD).

OCEANIA

AUSTRALIA/ R. Australia: 9580 f/d Koala cd. w/ sticker in 17 ds. (Gerstner-NY). 9655 f/d Platypus cd. w/ sked. & info. in 10 ds. (Leader-IRELAND).

MARIANAS ISLANDS/ KYOI: 11900 n/d WCSN cd. w/ ltr. stating that they're still working on a KYOI cd.; this in 94 ds. for ms. (Gerstner-NY).

NEW ZEALAND/ R. New Zealand: 15150 f/d Rugby cd. w/ pennant, sked. & ltr. in 14 ds. for 3 ircs. (Johnson-CA).

PAPUA NEW GUINEA/ R. East New Britain: 3385 f/d cd. in 23 ds. (Masamune-JAPAN).

VANUATU/ R. Vanuatu: 7260 n/d Slit Gong cd. in 161 ds. for ms & a SAE. (Georgé-MA).

SOUTH AMERICA

ARGENTINA/ RAE: 9690 f/d Logo cd. w/ sked. in 62 ds. for 2 ircs. V/S Silvana Licciardi. (Wakefield-IA).

BRAZIL/ RadioBras: 11745 f/d Rio cd. in 30 ds. for a taped rpt. & an irc. (Blight-MD). f/d cd. in 47 ds. w/ pennant and sked. for an irc. (Kline-CA). f/d Iguacu Falls cd. in ?? ds. (Brown-IL). R. Globo: 11805 f/d Rio cd. in 264 ds. for a PP rpt. & \$1. V/S Cesar Luiz Calmon. (Coday-CA).

COLOMBIA/ Armonias del Caqueta: 4915 p/d Palm Tree cd. in 150 ds. after f-up for a SS rpt. & 2 ircs. V/S P. Alvaro Serna A. (Wright-MB).

ECUADOR/ HCJB: 6205 f/d cd. in 26 ds. (Johnson-CA). f/d cd. in 32 ds. (PA-Trescher). in 38 ds. (Lemke-AB). 6230, 9870, 15270 & 17790 2 f/d cds. w/ calendar in 17 ds. for ms. (Gerstner-NY). 9720 f/d cd. in 22 ds. (Soomre-MA). 11775 & 15270 f/d cd. in 26 ds. (Johnson-CA). 17790 f/d 50th Anniv. cd. in 2 mo. for ms. V/S Sonja Persson. (Wallace-MA). ASWLC via HCJE: 15270 f/d cd. in 8 ds. for ms. V/S George Neff. (Gerstner-NY).

FALKLAND ISLANDS/ FIBS: 3958 p/d cd. in 1½ mo. for ms, 3 ircs & a SAE. V/S Paula Brown. (Wallace-MA). f/d Crest cd. in 48 ds. after f-up for ms. (Evans-TN)...nice work gents!!

PERU/ R. Ancash: 4991 p/d Andes cd. w/ personal ltr. in 28 ds. for a SS rpt. & ms. V/S Armando Moreno Romero. (D'Angelo-PA).

CLANDESTINES & PIRATES

La voz del CID: 9940 f/d cd. in 58 ds. for a taped rpt. (Blight-MD).
R. NY Int.: 6240 f/d business cd. w/ ltr. in 39 ds. for a taped rpt. & A SASE. (Blight-MD). f/d business cd. w/ 2 page ltr. in 102 ds. for a SASE. (Westenhaver-QU).
Radio 101 (Ireland): 7360 f/d cd. w/ ltr., sticker & info. in 23 ds. for 3 ircs. (Kline-CA).

Gotta go now- great turn-out this month!! Hope that you all had the best of the Holiday's, and I'll see you next time 'round. 73,

Ray

ENG	6407.6	C	0206	GKC	PORTISHEAD	MARCO	DE GKC		PF	-CA
FRAN	4313.0	C	0444	FUG	LA REBINE	NAVRA	VVV I VVV I VVV DE FUGI		PF	-ON
FRAN	8793.3	U	1940	FFL 42	ST. LYS	MARCO	VOICE MIRROR		RSR	-ON
FRAN	9342.0	C	1030	F0Y	ORLEANS	FAF	V MARKER		RMA	-IA
FRAN	22509.5	C	1640	FFL 9	ST. LYS	MARCO	TFC LIST		HMH	-TX
FRG	16980.5	C	1549	DAM	NORRDEICH	MARCO	V MARKER		HMH	-TX
FRG	17048.0	C	1534	DAF	NORRDEICH	MARCO	V MARKER		HMH	-TX
GDR	4233.0	C	0434	Y5M	RUGEN	MARCO	DE Y5M (ivy slowly)		PF	-CA
GDR	6466.1	C	0400	Y5M	RUGEN	MARCO	CO MARKER		ES	-HA
GDR	22481.0	C	1502	Y5M	RUGEN	MARCO	CO MARKER		ES	-HA
GIBR	16988.2	C	1635	GYU	GIBRALTAR	NAVRA	DE MARKER		SG	-HA
GREE	4226.8	C	2136	SXA	PIRAEUS	NAVRA	V MARKER		PAC	-UK
GREE	4343.1	C	0217	SVG	ATHENS	MARCO	DE SVG		PF	-CA
GREE	8461.3	C	2350	SUU	ATHENS	MARCO	DE MARKER		RSR	-ON
GREE	22321.5	C	0310	SWB 7	ATHENS	MARCO	DE MARKER		HMH	-TX
HOLL	22324.5	C	1607	PCH 70	SCHEVINGEN	MARCO	DE MARKER		PF	-CA
ITLY	4280.0	C	0434	IDR	ROME	NAVRA	IDR/2/3/6		PF	-CA
ITLY	4615.4	C	0443	IDR 2	ROME	NAVRA	VVV VVV VVV IDR2 IDR2 IDR		PF	-CA
ITLY	8649.0	C	0057	ICB	GENOVA	MARCO	DE MARKER		KR	-FL
ITLY	8656.0	C	0447	IAR	ROME	MARCO	V MARKER		RMA	-IA
ITLY	8679.0	C	0247	IBX	TRieste	MARCO	V MARKER		HMH	-TX
MALT	4223.5	C	2133	9HD	VALETTA	MARCO	V MARKER		PAC	-UK
NOR	3692.0	C	2114	LBA 4	STAVANGER	NAVRA	V MARKER		PAC	-UK
PDL	7692.0	C	2218	SPW	WARSAW	MARCO	DE MARKER		KR	-FL
PORT	6389.1	C	0407	CTP	DEIRAS	NATO	DE CTP CTP CTP QSX 4 6 8		PF	-CA
SWIS	22362.5	C	1610	HEB	BERNE	MARCO	DE MARKER		ES	-HA
USSR	9995.7	C	0310	RHM	MOSCOW	SFTS	VVV CQ CQ DE RHM RHM -		PF	-CA
USSR	12797.0	C	2100	UDK 2	MURMANSK	MARCO	DE MARKER		ES	-HA
USSR	13050.0	C	0238	UDK 2	MURMANSK	MARCO	4LS 4LS DE UDK 2 UDK 2 OS		PF	-CA
YUGO	8700.0	C	0313	YUR	RIJEKA	MARCO	V MARKER		ES	-HA
YUGO	16943.0	C	1513	YUR	RIJEKA	MARCO	V MARKER		HMH	-TX

AFRICA/MIDDLE EAST

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALGE	8437.1	C	0634	77A 6	ALGIERS	MARCO	CO MARKER	HLH-CA
ANBO	8687.5	C	0217	DSE 51	LUANDA	MARCO	CO MARKER	LS -CA
ANBO	17189.7	C	2045	DSE 71	LUANDA	MARCO	CW DE DSE51/61/71 QSX 8 1	PF -CA
ANBO	22330.7	C	1630	DSE 81	LUANDA	MARCO	DE MARKER	PF -CA
BRAN	8448.0	C	1340	A9M	MANAMA	MARCO	DE MARKER	GLT-NM
BRAN	8448.0	C	1411	A9M	MANAMA	MARCO	DE A9M	PF -CA
EGPT	8578.4	C	1428	SUH 3	ALEXANDRIA	MARCO	CQ CQ CQ DE SUH3 SUH3 SUH	PF -CA
EGPT	16912.0	C	1649	SUH 5	ALEXANDRIA	MARCO	V MARKER	RSR-ON
KEN	5658.0	U	0154	5YD	NAIROBI	AERO	WKG SPEEDBIRD 55	JG -NY
LIBE	7650.0	C	1400	FUX 44	MONROVIA	EMBASY	GRA GRA DE KKN44 KKN4	PF -CA
LIBE	11474.0	C	1605	KKN 44	MONROVIA	EMBASY	GRA GRA DE KKN44 KKN4	PF -CA
DMAN	8445.0	C	1409	A4M	MUSCAT	MARCO	DE A4M	PF -CA
QATR	4231.0	C	2141	A7D	DOHA	MARCO	DE MARKER	PAC-UK
QATR	8473.0	C	0452	A7D	DOHA	MARCO	DE MARKER	BJ -TX
BATR	8473.4	C	2013	A7D	DOHA	MARCO	TESTING	ND -FR
REUN	8475.0	C	1400	FUX	SAIN DENIS	NAVRA	V MARKER	GLT-NM
SAUD	4253.5	C	2146	H2G	DAMMAN	MARCO	DE MARKER	PAC-UK
SAUD	9484.5	C	2354	H2G	DAMMAN	MARCO	DE MARKER	RSR-ON
SENE	6383.0	C	0643	6VA	DAKAR	MARCO	CO MARKER	SG -HA
SENE	8992.5	C	0407	6WW	DAKAR	NAVRA	DE 6WW	PF -CA
SENE	16952.6	C	1917	6WW	DAKAR	NAVRA	V MARKER	SG -HA
SODF	1500.0	U	0309	ZUD	PRETORIA	SFTS	CW ID UNDER WWV	PAC-UK
SODF	4223.8	C	2155	ZRZ 2	CAPETOWN	NAVRA	TESTING	ND -FR
SODF	8469.9	C	2017	ZRZ	CAPETOWN	NAVRA	TESTING	ND -FR
SODF	8566.0	C	0353	ZS3 4	CAPETOWN	NAVRA	CO MARKER	KR -FL
SP&A	8690.0	C	1215	F3Y 4	MART. DE VIVIE	MARCO	CO MARKER	RSR-ON

ASIA/FAR EAST

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
INDI	8674.4	C	1205	VMM	MADRAS	MARCO	CO MARKER	RSR-ON
JPAN	4327.5	C	1352	JOS	NAGASAKI	MARCO	CO MARKER	LS -CA
JPAN	5628.0	U	1426	JNA	TOKYO	MARCO	WKG JAPAN 627	LS -CA
JPAN	6070.0	C	0909	JCY	NAHA	MARCO	CO MARKER	HMH-TX
JPAN	6491.0	C	1442	JOS	NAGASAKI	MARCO	CO MARKER	LS -CA
JPAN	8437.1	C	0631	JOS	NAGASAKI	MARCO	CO MARKER	HLH-CA
JPAN	8547.0	C	1322	JFA	CHOU FISHERIES	MARCO	CO MARKER	LS -CA
JPAN	12657.6	C	1455	JNA	TOKYO	MARCO	CO MARKER	LS -CA
JPAN	12667.6	C	0305	JCX	NAHA	MARCO	CQ CQ CQ DE JCX JCX JCX Q	PF -CA
JPAN	12998.0	C	2335	JDC	CHOSI	MARCO	TFC	HMH-TX
JPAN	16911.5	C	2344	JNA	TOKYO	MARCO	CO MARKER	HMH-TX
JPAN	16933.2	C	2327	JOS	NAGASAKI	MARCO	CO MARKER	RSR-ON
JPAN	16998.5	C	2329	JDC	CHOSI	MARCO	CO MARKER	RSR-ON
PHIL	8463.0	C	1415	D2G	LAS PINAS	MARCO	CO MARKER	GLT-NM
PHIL	8604.4	C	1425	D2J	BULACAN	MARCO	CO MARKER	GLT-NM
PHIL	10484.0	C	1540	KWL 90	MANILA	EMBASY	GRA GRA DE KWL90 KWL9	PF -CA
PHIL	12867.0	C	1744	KNA	SUBIC BAY	NAVRA	TESTING	HLH-CA
PRC	8502.0	C	1410	X5S	SHANGHAI	MARCO	CO MARKER	PAC-UK
PRC	12856.0	C	2258	X5S	SHANGHAI	MARCO	CO MARKER	ES -HA
RDK	8473.0	C	1355	HLG	SEOUL	MARCO	CO MARKER	GLT-NM
RDK	8484.0	C	1510	HLF	SEOUL	MARCO	CQ CQ CQ DE HLF HLF HLF Q	PF -CA
RDK	12843.0	C	2339	HL2	SEOUL	MARCO	CO MARKER	RSR-ON
RDK	12923.1	C	0243	X5X	SEOUL	MARCO	CQ CQ CQ DE HLW2 HLW2 HLW	PF -CA
SING	4322.0	C	1406	YV6	SINGAPORE	MARCO	CO MARKER	HLH-CA
SING	8476.1	C	1350	YV6 56	SINGAPORE	MARCO	CO MARKER	GLT-NM
SING	13071.6	C	1603	YV6	SINGAPORE	MARCO	TESTING	ND -FR
TIWN	8116.9	C	1528	BMB	TAIPEI	METEO	VVV VVV VVV DE BMB BMB BM	PF -CA
TIWN	12710.3	C	2331	XSX	KEELUNG	MARCO	CO MARKER	RSR-ON
TIWN	12784.0	C	2337	XSX	KEELUNG	MARCO	CO MARKER	RSR-ON
TIWN	16940.0	C	0445	XSX	KAOHSIUNG	MARCO	IFC LIST	HMH-TX
TIWN	17017.0	C	0458	XSX	KEELUNG	MARCO	CO MARKER	PAC-UK

PACIFIC

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	4229.0	C	2139	VIP 7	PERTH	MARCO	IFC	PAC-UK
AUST	8477.0	C	1405	VHP	CANBERRA	MARCO	V MARKER	GLT-NM
AUST	8597.0	C	1420	VIP	PERTH	MARCO	V MARKER	GLT-NM
AUST	14945.0	U	0906	VNV 71	SYDNEY	OTC	EE TFC	ND -FR
AUST	16918.8	C	1745	VHP 2	CANBERRA	MARCO	V MARKER	GLT-NM
FFPD	8625.1	C	1430	FUM	PAPEETE	NAVRAD	V MARKER	PT -CA
FFPD	12845.5	C	1430	FUM	PAPEETE	NAVRAD	V MARKER	LS -CA
FFPD	17380.0	C	1715	FUM	PAPEETE	NAVRAD	V MARKER	GLT-NM
HI	5574.0	U	0323	KUA 3	HONOLULU	AERO	WKG DELTA 1572	LS -CA
HI	5628.0	U	1433	KUA 3	HONOLULU	AERO	WKG JAPAN AIR 62	LS -CA
HI	5643.0	U	1417	KUA 3	HONOLULU	AERO	WKG UNITED 812	LS -CA
HI	6655.0	U	1421	KUA 3	HONOLULU	AERO	WKG NORTHWEST 24	LS -CA
HI	8843.0	U	0249	KUA 3	HONOLULU	AERO	WKG HAWAIIAN 32	LS -CA
HI	9050.0	C	0302	NMO	HONOLULU	USCG	CG MARKER	RMA-IA
HI	13113.2	U	2332	NMO	HONOLULU	USCG	CLG D2Y	POC-NH
NCAL	4270.5	C	1348	FUJ	NOUMEA	NAVRAD	V MARKER	LS -CA
NCAL	8657.0	C	1857	FUJ	NOUMEA	NAVRAD	V MARKER	SG -MA
NZEL	13282.0	U	0752	ZKAK	AUCKLAND	VOLMET	VOLMET BY YL	ND -FR
NZEL	17170.5	C	2153	ZLB 6	AWARUA	MARCO	DE MARKER	HMH-TX

RADIO TELETYPE

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
129.6	1900	50-170R	SOA 212	WARSAW	METEO	POL	WX	ND -FR
2812.5	0202	75-850R	KUA 3	HONOLULU	NAVRAD	SPAN	IFC	KR -FL
3309.0	2333	100R	AIR	ANDREWS	USAF	USA	RY5	JG -NY
4270.0	1058	45-425N	CFH	HALIFAX	CANMIL	CAN	WX	HMH-TX
4270.6	0653	75-850N	CFH	HALIFAX	CANMIL	CAN	WX	JU -OR
4334.0	0643	75-170N	KPH	SAN FRANCISCO	MARCO	USA	WX	JU -OR
4353.1	2329	FEC	UVC	HALIFAX	CCG	CAN	MSG5 IN EE	ND -FR
4637.5	2031	ARC	IUS	ROME	INTRPL	ITLY	IFC TO FSB	PAC-UK
6417.5	0403	50R	CCS	SANTIAGO	NAVRAD	CHIL	DE CCS Then 5 letter tf	PF -CA
6500.0	0200	FEC	NMF	BOSTON	USCG	USA	HIGH SEAS FORECAST	JEB-CA
6916.3	1248	50R	BAP 46	BEIJING	XINHUA	PRC	RY5 .. QRA QRA QRA DE B	PF -CA
6979.5	0333	50R	CCS	SANTIAGO	NAVRAD	CHIL	RY5 .. DE CCS Then co	PF -CA
7000.3	0353	50N	CSY	SANTA MARIA	AERO	AZOR	RY5 .. DE CSY CSY	PF -CA
7427.0	0447	50N	SNL	LAGOS	AERO	NIGR	RY5 .. DRK IMIR ... QR	PF -CA
7475.0	0443	50N	TJK	DOULA	ASECNA	CAME	RY5 .. PSE QJHI ... QJH	PF -CA
7477.8	0144	50R	SLA	MONROVIA	FEDER	LIBE	EE News - At 1805 FF ne	PF -CA
7513.0	1417	50R	VXH	HO CHI MINH	METEO	VIET	RY5 .. NN .. ZCZC 12	PF -CA
7520.6	1450	50R	RRK 27	ORLEANS	FAF	FRAN	RY5 .. THE QUICK BROWN	PF -CA
7560.9	1443	50R	ROK 27	MOSCOW	TASS	USSR	FF News (TASS)	PF -CA
7586.0	0425	50R	BYV 41	DAKAR	AERO	SENE	RY5 .. CG CG CG DE 6	PF -CA
7630.9	0425	50N	TJL	N DJANENA	ASECNA	CHAD	RY5 .. RY DRK 1M1 /5	PF -CA
7650.9	0632	50R	TUH	ABIDJAN	ASECNA	IVRY	RY5 .. DRK 5/5/5 (25	PF -CA
7741.3	0314	50R	RGH 77	ARKHANGELSK	METEO	USSR	RY5 .. C# C# DE RGH-	PF -CA
7868.3	0737	50-425N	6MK 50	SEOUL	YONHAP	ROK	EE NEWS	ND -FR
7973.0	1420	50R	XVH	HO CHI MINH	METEO	VIET	CG DE VXH 7512/7972/120	PF -CA
8030.4	2110	50-200N	SUA	NIAMEY	ASECNA	NIGR	AERO MSG5	ND -FR
8031.0	0451	50N	SUA	NIAMEY	ASECNA	NIGR	RY5 PSE QJHI QJHI QJHI	PF -CA
8033.0	1253	50R	RRQ	MOSCOW	TASS	USSR	RY5 DE RRQ-27/RKA-25	PF -CA
8032.2	0420	50-170N	SUA	NIAMEY	ASECNA	NIGR	DE MARKER	RMA-IA
8051.5	0150	FEC	WOD	OCEAN GATE	MARCO	USA	TFC LIST	HMH-TX
8070.0	0035	100R	ZRH	CAPETOWN	NAVRAD	SOAF	RY5	JG -NY
8122.8	0328	50-425N	TNL	BRAZZAVILLE	ASECNA	CONG	DE MARKER	RMA-IA
8123.0	2255	50N	TNL	BRAZZAVILLE	ASECNA	CONG	DE MARKER	PAC-UK
8124.0	0301	50N	TNL	BRAZZAVILLE	ASECNA	CONG	RY5 DE TNL RECEVONS	PF -CA
8146.0	0445	50-425N	TNL	BRAZZAVILLE	ASECNA	CONG	DE MARKER	RMA-IA
8146.9	0104	50N	TNL	BRAZZAVILLE	ASECNA	CONG	RY5 5/5..5/5 GA TFC DE	PF -CA
8165.0	1706	50	5YD	NAIROBI	AERO	KEN		PAC-UK
8176.3	1405	50R	JAE 58	TOKYO	KYODO	JPAN	EE News about Japan	PF -CA
8500.0	2152	50-425N	VTH	BOMBAY	NAVRAD	INDI	MSG5	ND -FR
8708.5	0305	FEC	FFL	ST. LYS	MARCO	FRAN	TFC LIST	KR -FL
8855.5	0345	50-850N	70R	RIYAN	AERO	YEMN	RY5	ND -FR
9053.5	1504	50N	ISY 90	ROME	ANSA	ITLY	RY5 QRA QRA QRA DE 4804	PF -CA
9071.0	0413	50R	6VU	DAKAR	ASECNA	SENE	RY5 .. DRK 5/5..5/5 GA	PF -CA
9187.7	0510	50-425N	F7L 91	NOUMEA	DIPL	NCAL	FF NEWS	ND -FR
9223.0	0040	66R	TJK	DOULA	ASECNA	CAME	RY5	JG -NY
9224.5	0238	50	TJK	DOULA	ASECNA	CAME	RY5 DRK 5/5/5/5/5/5 G	PF -CA
9324.1	1242	50R	FIDY	FRANCS	ASECNA	CNG	RY5 THE QUICK BROWN FOX	PF -CA
9670.0	0304	50R	6VU	DAKAR	ASECNA	SENE	RY5	RMA-IA
9843.4	1441	50N	SPK 10	PHNOM PENH	SPK	KAMP	RY5 .. QRZ DE SPK 10 -	PF -CA
9846.1	0310	50-425	TUH	ABIDJAN	ASECNA	IVRY	RY5	KR -FL
9847.0	0540	50N	TUH	ABIDJAN	ASECNA	IVRY	RY5 .. PSE QJHI...QJHI	PF -CA
9995.2	0306	50N	CSY	SANTA MARIA	AERO	AZOR	RY5 (3 times) .. NNNN	PF -CA
10122.2	1314	50-350N	RYH	SAO TOME	AERO	SG	AERO MSG5	ND -FR
10130.6	0858	50-1050R	RBX 73	TASHKENT	METEO	USSR	RY5 WX	ND -FR
10137.9	0544	50N	TNL	BRAZZAVILLE	ASECNA	CONG	RY5 .. QJHI...QJHI .. Q	PF -CA
10169.4	1822	50-425N	HSL 63	BANGKOK	METEO	THAI	WX	ND -FR
10270.2	1257	50-425R	RRQ 27	MOSCOW	TASS	USSR	RY5	KR -FL
10271.0	1410	50R	RKA 25	MOSCOW	TASS	USSR	EE News (TASS)	PF -CA
10390.0	2042	50R	RYA 47	BUENOS AIRES	INTRPL	ARGN	WKG FSB	PAC-UK
10390.1	2125	50R	RYA 47	BUENOS AIRES	INTRPL	ARGN	MSG5 IN EE	ND -FR
10435.9	1446	50N	ZAY	HIRANA	ATA	ALB	RY5 .. QRA QRA DE ZAY 1	PF -CA
10544.1	1457	50N	Y2V 54	BERLIN	ADN	GDR	RY5 .. QRA DE Y2V54/56	PF -CA
10601.1	1317	50N	BAC 27	BEIJING	PTT	PRC	RY5 .. QRA DE BAC27 BAC	PF -CA
10785.0	1815	66N	Y2V 43	BERLIN	ADN	GDR	FF NEWS	JG -NY
10786.0	0256	50N	JAG 50	TOKYO	KYODO	JPAN	EE News (Kyodo) w/Tokyo	PF -CA
10819.9	1839	64N	RYH 58	ROME	ANSA	ITLY	FOOTBALL SCORES	JG -NY
10821.1	1458	50N	BAL 21	BEIJING	PTT	PRC	RY5 .. QRA DE BAL21 BAL	PF -CA
10961.0	1329	50R	3MA 28	TAIPEI	CNA	TWN	RY5 .. QRA QRA QRA DE 3	PF -CA
11028.4	0252	50N	9RL 310	KINSASHA	PTT	ZIRE	RY5 .. DE ZIRE CENTRE	PF -CA
11100.6	0729	50-800N	CAK	SANTIAGO	AERO	CHIL	AERO MSG5	ND -FR
11460.0	1438	50N	Y7A 49	BERLIN	GDR	RY5	.. QRA Y7A37 Y7A44	PF -CA
11476.9	0357	50N	HSD 22	KUNMING	KCNA	NKDR	DE HMF36/HMF	PF -CA
11497.7	1425	50N	SOL 349	WARSAW	PAP	POL	RY5 .. QRA DE SOL 349 P	PF -CA
11602.7	0727	50-425N	6MK 64	SEOUL	YONHAP	ROK	RY5	ND -FR

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12263.0	0	2159	50	TTL	N'DJAMENA	ASECNA	CHAD	DE MARKER	PAC-UK
12661.6	0	0741	50-170N	UMV	MURMANSK	MARCO	USSR	NAVAREA BCST	ND -FR
13071.6	1607	ARQ		9VG	SINGAPORE	MARCO	SING	EE TFC	ND -FR
13087.5	1716	FEC		HPP	PANAMA INTEL M	MARCO	PANA	TFC LISTS	ND -FR
13081.5	1630	FEC		WCC	CHATHAM	MARCO	USA	WX	KR -FL
13086.1	0738	50-170N		UKA	VLA DIVOSTOK	MARCO	USSR	RR TELELEX	ND -FR
13090.0	1730	ARB		WCC	CHATHAM	MARCO	USA	TELEX	KR -FL
13525.0	1711	50R		Y10	71	INA	IRAQ	EE news from INA.	At 1 PF -CA
13538.8	1446	50R		MFA	54	BERLIN	GDR	RYS ... QRA Y7A54 Y7A59	PF -CA
13564.1	1501	50R		3MA	22	TAIPEI	CEP	TIJN EE News abt Taiwan	PF -CA
13648.5	1539	50N		0LI	5	PRAGUE	CETKA	CZCF FF NEWS (CTK)	PF -CA
13663.9	2354	50N		6VU	73	DAKAR	METEO	SENE RYS ... CD CQ CQ 6VY41/6	PF -CA
13738.1	1811	50N		5YD		NAIROBI	AERO	KEN RYS ... DE 5YD	PF -CA
13752.0	1206	50		HZJ		JEDDAH	AERO	SAUD 'JVA' TFC	PAC-UK
14568.0	0357	50N		HMF	32	PYONGYANG	KCNA	NOKO RYS ... QRA DE HMF32/HMF	PF -CA
14570.0	1545	50-425		Y7A	45	BERLIN	MFA	GDR RYS ... DE Y7A37 Y7A46 Y	PF -CA
14606.1	1425	50N		Y7A		BERLIN	MFA	GDR RYS ... DE Y7A54 Y7A5	PF -CA
14619.9	1428	50R		Y7A	59	BERLIN	ADN	GDR RYS ... QRA DE Y2V24	PF -CA
14801.3	1555	50N		Y2V	24	BERLIN	ADN	GDR RYS ... QRA DE Y2V24	PF -CA
14901.0	1830	50-425N		CLN	451	BAUTA	TASS	CUBA EE NEWS	RF -CA
14938.6	0130	50N		SUA		NIAMEY	ASECNA	NIGR RYS QJH1...QJH1 TFC DE	PF -CA
14988.7	0032	50		TNL		BRAZZAVILLE	ASECNA	CONG RYS 5/5...5/5 (29 times)	PF -CA
15705.0	1506	66R		VJZ	6	BEUGRADE	TANJUG	YUGO FF NEWS	ND -FR
15727.8	0825	50-800R		KLW	113	MONROVIA	PTE	SYRA EE TFC	RF -CA
15875.0	2345	45-825R		SLA	25	MONROVIA	VOA	LIBE AFRICAN PRESS	RMA-IA
15988.5	1512	50N		OLS	4	PRAGUE	CETKA	CZCF EE NEWS (CTK)	PF -CA
15945.5	0856	50-850R		JAM	55	TOKYO	JPS	JAPAN EE NEWS	ND -FR
15978.0	1538	50N		PPP	97	PARIS	APP	FRAN EE NEWS (AFP)	PF -CA
16106.3	0312	50-425N		F2M	62	NOUMEA	DIPLO	NCLR EE NEWS	ND -FR
16194.5	1136	75		NBA		BALEDA	NAVRA	PANA DE MARKER	ND -FR
16347.9	2025	50-425N		CLN	530	HAVANA	PL	CUBA EE NX	HMH-TX
16348.0	1830	50-425N		CLN	451	BAUTA	TASS	CUBA EE NEWS	RF -CA
16404.0	1703	50N		Y2V	57	BERLIN	ADN	GDR Nx in EE - abt German P	PF -CA
17520.7	1310	50-650N		H5W	61	BANGKOK	METEO	THAI WX	ND -FR
17547.6	1318	75-850N		HDN		QUITO	NAVRA	GDR RYS ... QRA Y7A80 Y7A80	PF -CA
20020.1	1534	50N		Y7A	80	BERLIN	MFA	GDR RYS ... THE QUICK BROWN	PF -CA
20862.6	1508	50R		F0Y		PARIS	FRAN	FRAN NEWS	HMH-TX
22915.0	1654	50-425N		FTW	91	PARIS	DIPLO	FRAN RYS	HMH-TX

SHIPS

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
1670.0	U	0526	NR0J	USPCB POINT MARTIN	WKG FT. WALTON	PDC-NH
2182.0	U	0314	CCBC	CCBC TUPPER	WKG YARMOUTH	PDC-NH
2716.0	U	1638	C6ZP	HMCS NIPIGON	WKG QHF	PDC-NH
2716.0	U	1634	VBDC	HMCS PROTECTEUR	WKG HALIFAX	PDC-NH
4069.2	U	0245	CGCP	STARDANGER	WKG WDM	JG -NY
4097.1	U	0133	3FMG 2	BERMUDA STAR	WKG WDM	JG -NY
4131.2	U	0215	3FAQ	VERACRUZ 1	WKG WDM	JG -NY
4131.2	U	0225	PJCO	M/V NOORDAM	WKG WDM	JG -NY
6261.5	R	0205	ELCF 3	M/V OAK SUN	EE TFC	LSH-CA
6262.5	R	0220	UTNE	TR MATNAS TEZEN	RR TFC	LSH-CA
6263.5	R	0205	SYIT	JUSSARA	RR TFC	LSH-CA
6268.5	R	0150	E0EX	SMB MIKULA	WKG GKT 42	PDC-NH
8198	U	1924	G2IT	HMS BRITZEN	WKG WDM	PDC-NH
8238.4	U	1444	DIAL	EUROPA	WKG GKT 46	PDC-NH
8241.5	U	1901	MNHE	MELTON CHALLENGER	WKG GKT 46	PDC-NH
8241.5	U	2107	VRFS	M/V PACIFIC PRIDE	WKG GKT 46	PDC-NH
8251.0	R	0205	ELFO 2	M/T CHEMICAL RUBI	TFC	RMA-IA
8291.1	U	1857	WYK 4684	TUG PATRIARCH	WKG WPE	PDC-NH
8291.1	U	1904	Z6PK	M/T STENNA CARRIER	WKG WPE	PDC-NH
8297.6	R	2332	XCVC	M/T AENIAA	TELEX	KR -FL
8298.6	R	0224	LYCN	TR UKRAINSKIY KONSOMOL	TFC	KR -FL
8298.6	R	0335	UKUH	TR ANTANAS SNECHKUS	WKG KLAIPEDA	RMA-IA
8298.6	R	0229	URUJ	PB MATOCHKIN SHAR	WKG URB 2	KR -FL
8298.6	R	0055	UWIC	UPS PRIZVANIJE	RR TFC	LSH-CA
8299.6	R	0211	UMYN	TKH DMITRIY SHOSTAKOVIC	WKG URB 2	KR -FL
8299.7	R	0232	USMG	TK NEFTKAMSK	WKG URB 2	KR -FL
8345.6	R	0215	UEIX	RMB IOKHANNES VARES	TFC	KR -FL
8346.0	R	0120	KIGP	FORMOSA	TFC TO WLO	JEB-CA
8349.0	R	0310	CGZU	SAGA FJORD	WKG WLO	KR -FL
8349.5	R	0248	ONDE	DELORIS	WKG OST	KR -FL
8350.0	R	0110	9VUE	MAERSK SELETAR	METEO TO PORTISHEAD	LSH-CA
8350.0	R	0125	EHBT	HAROLD LABORDE	RR TFC	LSH-CA
8350.5	R	0140	E0DT	TH I GANDI	RR TFC	LSH-CA
8352.5	R	0220	EH0I	UNAMUND	SS TFC	LSH-CA
8352.5	R	0130	ELCF	ARABIAN TRADE	EE TFC	LSH-CA
8357.0	R	0348	SVDJ	M/V AMETHIST	WKG FFL	RMA-IA
8357.0	R	0354	XCSH	B/W TABASCO	WKG VERACRUZ	RMA-IA
8360.0	J	0017	ABCI	GARDEN STATE	WKG FFL	PDC-NH
8368.4	R	0006	UWBT	TKH ZAPOLYARNIY	CLG VCS	PDC-NH
8404.0	R	1810	DZHC	SINGAPORE VICTORY	EE TFC	LSH-CA
12494.5	R	2032	ONCO	ISLA PLAZA	WKG FFT 61	KR -FL
12496.5	R	1706	ELAT 2	AFRICAN GARDENIA	TELEX	KR -FL
12498.5	R	1743	FNGM	M/V CARAIBE	WLO	KR -FL
12498.5	R	1605	HPWC	PACIFIC CONSTRUCTOR	WKG WLO	KR -FL
12498.5	R	1640	KCSL	L. B. HEADERS	WKG WLO	KR -FL
12498.5	R	2316	KFDM	EXXON BAYTOWN	WKG WLO	KR -FL
12500.5	R	2147	UHJY	BATSP PASVALIS	WKG URB 2	KR -FL
12505.5	R	2009	CGBY	AFRICAN REEFER	WKG WLO	KR -FL
12505.5	R	2020	ELEU 8	OSCO BEDUIN	WKG WLO	KR -FL
12506.5	R	1845	ELYH	M/V POLLUX	WKG WLO	KR -FL
12506.5	R	2138	UXJB	FR KAL ININGRAD	RR TFC	LSH-CA
12512.0	R	1019	UHYC	AKADEMIC FEDEROV	RR TFC	LSH-CA
12516.0	R	2321	LYEO	RTHS FEODOR EROZIDL	WKG RIGA	KR -FL
12523.5	R	2339	USRM	MB PAVEL PANIN	WKG MURMANSK	KR -FL
12525.5	R	2350	UFBE	MA ADMIRAL KOLSHKIN	TFC	LSH-CA
12525.8	R	2030	ULPL	DF GRANITNYI	RR TFC	LSH-CA
12585.0	C	2050	HC1H	M/V ISLA SANTAY	AMVER MSGS	LSH-CA
12585.0	C	2050	VCR0	IRVING ESKIMO	EE MSGS	LSH-CA

12602.0	C	2050	S4CY	NEPTUNE AMBER	AMVER ENROUTE MSG	LSH-CA
16694.0	R	2026	ELDI 2	EL AALIM	WKG GKO	KR -FL
16708.0	R	2020	UZCE	TKH GORLOVKA	RR TFC	LSH-CA

AERO

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2899.0	U	0747	AEROFLOT 3104	CLB SANTA MARIA	GCH-WV
3016.0	U	0524	CUBANA 470	WKG SANTA MARIA	GCH-WV
3123.0	U	0118	CG 2120	WKG NEW ORLEANS	BB -NH
4131.2	U	0314	CG 2136	WKG MIAMI	BB -NH
5547.0	U	0616	UNITED 10	WKG HONOLULU	BB -NH
5550.0	U	0709	DOMINICAN 911	WKG NY	GCH-WV
5550.0	U	0709	SAM 60201 ALPHA	WKG SAN JUAN	GCH-WV
5550.0	U	0341	VIRGIN 6	WKG NY	POC-NH
5574.0	U	0820	KOREAN 015	WKG SAN FRANCISCO	GCH-WV
5589.0	U	0541	LUFTHANSA 401	WKG STOCKHOLM	GCH-WV
5598.0	U	0712	AIREVA 60132	WKG NY	GCH-WV
5598.0	U	0712	AVIANCA 011	WKG SANTA MARIA	GCH-WV
5643.0	U	0827	SINGAPORE 925	CLB AUCKLAND	GCH-WV
5696.0	U	0134	CG 2101	WKG CORPUS CHRISTI	BB -NH
5697.0	U	1337	CG 1712	WKG PORTSMOUTH	PK -IL
4577.0	U	2311	VENEZUELAN A.F. 5320	WKG SAN JUAN	GCH-WV
6730.0	U	1525	AIR FORCE 1	WKG ANDY	BB -NH
6730.0	U	2244	SW 31681	WKG ANDREWS	BB -NH
8825.0	U	0528	JAPAN AIR 62	WKG BRASILIA	GCH-WV
8861.0	U	1958	AIR AFRIQUE 003	FF TFC	ND -FR
8861.0	U	1959	AIR ALGER 56	FF TFC	ND -FR
8861.0	U	0120	IBERIA 852	WKG DAKAR	JG -NY
8861.0	U	0552	IBERIA 983	WKG RECIFE	GCH-WV
8861.0	U	0123	LUFTHANSA 4313	WKG DAKAR	SG -NH
8861.0	U	0123	SPEED 356	WKG DAKAR	JG -NY
8861.0	U	2309	SPRINGBOK 261	WKG DAKAR	POC-NH
8861.0	U	0611	SWISS AIR 144	WKG SALVADOR	GCH-WV
8867.0	U	0655	HAWAIIAN 11	WKG NANDI	GCH-WV
8903.0	U	0456	CALEDONIAN 371	WKG KINSHASA	GCH-WV
8903.0	U	0450	SPRINGBOK 265	WKG LUANDA	GCH-WV
8903.0	U	0547	UTA 714	WKG KAND	GCH-WV
11394.0	U	1544	AVIATECA 950	WKG NY	GCH-WV
15024.0	C	1636	RPOHW	CLB RFNV	GCH-WV

TACTICAL

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
5266.0	U	2243	NAVY ROMEU JULIET 7	WKG CHEROKEE	BB -NH
6715.0	U	1422	ANDY	WKG AF 2	BB -NH
6738.0	U	0107	ARCHITECT	CLG OSCAR 7 ECHO	BB -NH
6760.0	U	0139	LUKE	CLG OUTWAY 26	BB -NH
6760.5	U	2013	SPIKE EAGLE 99	WKG SKYTRD	BB -NH
6763.0	U	1439	DANDY DAN	WKG WORM 30	PK -IL
8989.0	U	2152	DTIS 03	WKG MACDILL	BB -NH
8993.0	U	1452	AGAR 18	WKG MACDILL	BB -NH
9027.0	U	0049	HANK 69	WKG DISCOVER	KR -FL
13204.0	U	1603	ANDY	WKG A F 2	BB -NH
13245.0	U	1800	MACDILL	SKYKING BCST	PK -IL

QSLs

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
9K-ADC	A7C		BOEING 747-2696	PFC 21RC 4400	8825.0	POC-NH
JA 8172	A7C		WIPPOW CARGO 114	PFC MS 371D	8891.0	POC-NH
OK-KBK	A7C		ILYUSHIN IL-62M	CARD 21RC 340D	5550.0	POC-NH
ARGN	L0L	NAVRAO	BUENOS AIRES	CARD MS 69D	15000.0	SG -MA
BELG	DST	MARCO	DOSTENDE	CARD 11RC 52D	17017.1	ES -MA
BENN	TYE	AERO	CONTOU	PFC #1 54D	5117.5	HMH-TX
BRLZ	PPL	MARCO	BELEM	LETTER 11RC 12D	12979.5	PAC-UK
CNRY	EAT	MARCO	TENERIFE	PFC 11RC 43D	500.0	PAC-UK
EIRE	EJM	MARCO	MAIN HEAD	PFC MS 16D	2182.0	POC-NH
ENG	GKE 7	MARCO	PORTISHEAD	CARD 12D	22562.0	HMH-TX
G1BR	GYU	NAVRAO	GIBRALTAR	CARD 21RC 634D!	4221.2	POC-NH
G1BR	GYU	NAVRAO	GIBRALTAR	PFC MS 48D	4222.0	SG -MA
G1BR	GYU	NAVRAO	GIBRALTAR	CARD 11RC 44D	4336.7	ES -MA
G1BR	GYU	NAVRAO	GIBRALTAR	CARD 11RC 590D	8625.0	JG -NY
G1BR	GYU	NAVRAO	GIBRALTAR	CARD 11RC 46D	9191.8	HMH-TX
H0LL	PCH	MARCO	SCHVEINGEN	CARD MS 17D	16902.3	SG -MA
ICE	TFA	MARCO	REYKJAVIK	CARD 21RC 53D	16909.5	ES -MA
ITLY	IQX	MARCO	TRIESTE	CARD 11RC 87D	17083.9	ES -MA
JPAN	JCX	MARCO	NAHA	PFC #1 14D	6470.0	HMH-TX
JPAN	JNA	MARCO	TOKYO	CARD #1 13D	16911.2	HMH-TX
MEX	XFM	MARCO	MANANILLO	CARD MS 18D	12829.1	POC-NH
MRCO	CNP	MARCO	CASABLANCA	LETTER 11RC 46D	500.0	PAC-UK
PORT	FLO	NDB	FLORES	PPC 61RC 200D	270.0	HH -ND
SENE	4VA	MARCO	DAKAR	PFC 21RC 35D	8690.0	POC-NH
SURI	PZN	MARCO	PARAMARIBO	CARD MS 34D	13044.0	SG -MA
T1WH	XSW	MARCO	KADHSIUNG	CARD 21RC 20D	12864.0	POC-NH
TURK	TAH	MARCO	ISTANBUL	LETTER 11RC 23D	12801.0	PAC-UK
USA	WKR	NDB	BARRE/MONTPELIER VT	PPC MS 13D	268.0	HH -ND
USA	WMH	MARCO	BALTIMORE	CARD MS 31D	8610.0	JG -NY
USA	WNC	MARCO	TAMPA	PFC MS 7D	4125.0	POC-NH

Hope you all had a nice holiday season. I dropped the contributor's list so I could have enough room to tie up some loose ends. But first, I'll start by welcoming our new contributors. To those of you who contributed via the CDE but don't see your logs here, they are missing because they were too incomplete to use, or they were covered topics that don't get listed here. But you got credit for the submissions, regardless.

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In looking forward to the new year, I'm wondering what changes, if any, you would like to see in the column. I've changed the design a little in order to suit the new printing requirements. But are there content changes that you, the membership, would like to see? This is your column; I'm just the editor; you nice folks make it happen (or not happen). Jot down any ideas you might have and let me know.

Is anyone interested in sending their submissions to me on a floppy disk? I have one reader doing so this month, and I think it will work out just fine in the future. We are both using dBASE III, but if your computer can output the needed data in plain ASCII text to an IBM-compatible floppy disk, I can probably write a program to read it. Both of us benefit from the convenience.

Many of you are gracious enough to share tidbits of information with me from time to time; some of you quite regularly. Just because you don't see it here the following issue doesn't mean the material isn't used or appreciated; it just means that there is not enough room for the logs and for fast-breaking news; the logs take precedence in most cases. Rest assured that your trouble and expense are very much appreciated; the material may show up as soon as there is space, or it may be used as reference for future updating of the SRGU. Regardless, thank you all very much for the articles, clippings, photocopies, even software that you have sent. I may not get to mention your names, but you do get credit for submitting the goodies. Again, thanks very much. Also, if you need a response and don't get it right away, it's only because I usually only open SPEEDX mail at the time I compile the column. Don't worry; I haven't forgotten you.

Now to tie up those loose ends. BOB JONES wants to know the meaning of the abbreviation CAMSAC with reference to CG communications; specifically, San Francisco. I don't see mention of it in the SRGU; any of you Coast Guard hounds know the answer? HAROLD HOFFMAN asks the meaning of the word 'marker' as in CG MARKER under a TRAFFIC heading. Harold, a marker is just a transmission that marks a frequency as being used by a particular station. Sometimes it signifies that the station is available to answer calls from ships or aircraft (CG) sometimes it just fills up time that nobody will be on the frequency when the station absolutely must have it (DE MARKER). PETER CONWAY is having trouble QSLing KLB again; it seems that the P.O. forwarding order has expired and the authorities return his QSL. He is mailing to 3620 Old Hwy 99, Marysville WA 98270. Is there a more current address? As stated a few months ago, KLB is trying to resolve QSL requests from a ways back; have they given up trying? Also, does anyone have a current address for NBA? Peter's QSLs are being returned with a notice that the ZIP code has been closed (?!?). Several of you have mentioned the new Australian SFTS. Transmitting on 6448 and 12982 Khz in USB, the station is operated by the Australian Navy. RALPH FAMULARO states the station is attempting to fill the gap left by the end of station VNG. The new station's call is unknown at this time. PATRICK O'CONNOR points out some goofiness in the logs from the November column. Patrick, I've looked at the databases in question and find everything OK, so I will plead guilty to a slip of the typing hand or a computer hiccup for most of the problems. However, you are absolutely right about PJC being in the Netherland Antilles rather than in Holland. Thanks for pointing out the error; the database has been corrected. As for the rest of you, don't be afraid to bring up slips I may have made; many of you are far more knowledgeable than I in the areas of your special interests. I have a thick skin so let me know if I need to slap my computer around (hi). From reader A. NONYMOUS comes the news of the sailing of the vessel Marigliante Santa Maria, a reconstruction of the Columbus flagship, on September 26 (remember, this had to wait until there was room). The vessel will be at sea for 5 months and will be communicating on 14285 and 7085 Khz. The ship's call is KP2MEX. Lastly, JOHN WILLIAMS sends news of the sinking of Coast Guard cutters DUANE and BIBB. The sinking was done deliberately by the NAVY in order to create an artificial reef off the coast of Key Largo, Florida. So update your SRGU and other texts to remove those two cutters from service.

OK, I've tied up most of the loose ends I've been sitting on for the past couple of months. Again, thanks to all of you who have contributed reference materials, etc. as well as logs. And keep 'em coming! Along with your logs next month, drop me a note regarding your thoughts on the directions the column should take (assuming you may want some change). Thanks for your support for the past couple of years, and thanks for helping to make SPEEDX the best!

73's and BEST DX.

A-360



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