

# SPEEDX

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*Doreen Kephart - Michigan*

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## SPEEDXER

of the Year...



JOHN  
**TRAUTSCHOLD!**

**The DX Radio Magazine for Active SWLs**

# Up Front

Tom Kephart  
P.O. Box 2041  
Mt. Pleasant, MI 48858

BOARD OF DIRECTORS NEWS \* LETTERS \* ANARC NEWS \* LAST-MINUTE INFORMATION

## EIGHTH BOD TAKES OFFICE

On 1 January 1986, the Eighth Board of Directors of SPEEDX officially took office. The official makeup of the Eighth BOD is as follows:

President:	Jack Sanderson	(BOD term expires 31 December 1987)
Vice-President:	Tom Kephart	(BOD term expires 31 December 1989)
Director:	Peggy Thompson	(BOD term expires 31 December 1987)
Director:	Rick Drollinger	(BOD term expires 31 December 1987)
Director:	David Sharp	(BOD term expires 31 December 1989)

The second item considered by the BOD, after the election of Jack Sanderson to a two-year term as SPEEDX President, was the selection of John Trautschold as the 1985 SPEEDXer of the Year. Kephart moved that the award be given to John, and the vote was unanimous in favor. More information on this award is on page 9.

President Jack Sanderson is working on a tentative agenda of goals for the new BOD in the coming two years, and when it is finished, they will be printed in an upcoming *Up Front* column.

## DELAYED JANUARY ISSUE

Again, the holidays held up several columns, and the calendar wasn't much help, either, with the print shop being closed December 24-26, Tuesday, Wednesday and Thursday, effectively scrapping an entire work week. So this magazine will go to the printer on the 27th. With overtime work and a bit of luck, I will mail this on the 5th as usual and this paragraph will be unnecessary. But more likely, you will have received your magazine one or two days late. I apologize for whatever delay occurs, and we will be back on our regular schedule next month. Thanks for your understanding.

## NEW MAN AT SPEEDXGRAM

Bob Bodell, who has been editor/publisher of *SPEEDXGRAM* since 1979, asked to be relieved of his duties. Fortunately, he was able to find a well-qualified replacement fairly easily. The new editor/publisher of the *'GRAM* is Bruce MacGibbon of Gresham, Oregon. Bruce has been a regular contributor and supporter of *SPEEDXGRAM* for several years, and we welcome him to the *SPEEDX* staff. To Bob we extend a sincere 'thank you' for his six years of dedication, and we hope to continue to see your name in the *'GRAM* as well as in *SPEEDX*. Beginning with the January issue of *SPEEDXGRAM*, please send all subscriptions, address changes, and contributions (loggings, skeds, etc.) for the *'GRAM* to:

Bruce MacGibbon  
2295 N.E. Juniper Avenue  
Gresham, OR 97030

## PROGRAM PANORAMA

The holiday mail claimed Woody Seymour's January *Program Panorama*. It may show up tomorrow, but, as I've already explained above, I can't afford to wait another day. I'm sure Woody will be back next month, though, so send him those contributions today!

## SO LONG, JOHN C.!

As you will note on page 21, John Cereghin has decided to step down as editor of *Western Hemisphere*. *SPEEDX* thanks John for his 2 1/2

(*UP FRONT* continues on page 64)



# SPEEDX SPOTLIGHTS

**THESE SPECIAL DX'ers and SWL's**

**David Sharp, Editor**

**17602 Meadowbridge, Lutz, Florida 33549**

**Deadline: 12th of month**

Ten new Full Members to start off the new year. Congrats go out to.....

TOM ALDRICH....IA  
ARTHUR BLAIR....CA  
EDWARD BROWN....IL

CHRIS DEVENDORF....CA  
ROBERT FRENCH.....MD  
ROBERT KNIGHT.....WA  
DONALD WEBER.....OH

HAROLD LEVISON....PA  
TONY ORR.....FL  
KEN ROBERTS.....FL

Welcome to the top of the page. It seems many of you recently joined SPEEDX, and now, you're already a Full Member. Thanks so much for your support, gents, and keep up the great work. FB!

\*\*\*\*\*

23 New and rejoining members this month, many overseas!

Jack Amelar  
Jenison, MI  
(Kenwood R1000)

Hirokazu Hozumi  
Yokohama-city  
Kanagawa, JAPAN

Dan Martin  
Tampa, FL  
(Kenwood R1000)

Frank Baste  
Ganat, FRANCE  
(ICOM R70)

Nick Sansone  
Orlando, FL  
(DX-400)

Guy Atkins  
Seattle, WA  
(ICOM R70)

Don English  
El Paso, TX  
(DX-302)

Hector Gutierrez  
Mayaguez, PUERTO RICO  
(Bearcat DX-1000)

Richard Coday  
Bakersfield, CA  
(DX-66)

Yutaka Hasegawa  
Mie-ken, JAPAN  
(Kenwood R2000)

Yasuhiro Taguchi  
Meito-ku  
Nagoya-city, JAPAN

Jeffrey Smith  
Sydney, NS  
CANADA

Richard Steck  
Lake Forest, IL

Roger Sabella  
Chicago, IL

John Anwodi  
Lexington, VA

John Fischer, Jr.  
Glenolden, PA

Dr. B.J. Cronwell  
Austin, MN

Robert Langdon  
Deer Park, NY

Albert Mirakentz  
Malibu, CA

William Westenhaber  
Montreal, CANADA

Charles Cook  
Los Angeles, CA

Joseph M. O'Brien  
Seoul, SOUTH KOREA

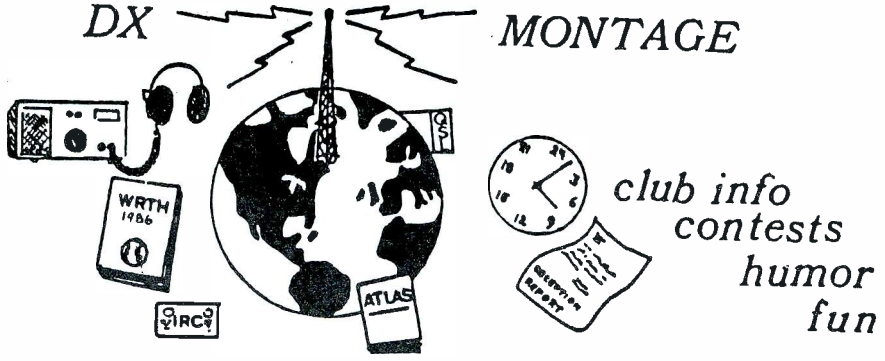
Ralph W. Smith  
Delta, OH

\*\*\*\*\*

Once again, welcome to SPEEDX. It is especially nice to see so many overseas members! See you on the following page, when we continue with DX Montage.....

DX

MONTAGE



*david sharp, 17602 meadowbridge, lutz, fl 33549  
 deadline: 12th of the month*

JANUARY, 1986

Happy New Year to all! Now that you've recovered from all those parties, I hope you are ready for another year of DX Montage. I know I am! Before we begin with this month's material, I want to tell you about something unusual, which happened at work one evening. One of our local high school football teams had advanced to the state playoffs, and WPLA was going to broadcast the entire game. Since it was being played over 200 miles away, we had no alternative but to use phone lines to get the game back to the station. Prior to broadcast time, however, the phone line was cut, and we could not get our feed. In the meantime, technicians at the game indicated our line to the press box would be out until the second half, so, left with no alternative, our engineer fed the game through a phone booth at a convenience store (using remote equipment, of course) back to WPLA, where the broadcast went on as scheduled. I'll bet that was the first time a football game was ever broadcast from a phone booth, hi. ANYTHING can happen in radio.....

\*\*\*\*\*

Radio Earth May Get A New Home: In a recent press release, Jeff White announced the purchase of a 50 Kw SSB transmitter. The unit, mfg'd by Technical Material Corp. (TMC), will be modified by R. Earth engineer Jon Gorski, to operate at 25 kW AM. If the ITU ever mandates a switch to SSB, the unit will be switched over automatically, at that time. A Kahn Stereo generation system may also be installed, but this has not been decided yet. The unit will operate on shortwave only.

A license has been applied for from the Netherlands Antilles, as the station will choose a transmitter site on Curacao. All station personnel on Curacao will be locals. Island residents/citizens will be employed as engineering, announcing and administrative staff for operations on the island. The possible exception being Jeff White, who may or may not decide to do programs there.

There will be no change in station management, based in the USA. An antenna has not yet been selected, but it will be a beam type, with North America and the Caribbean being initial target areas. An antenna eventually will be selected for broadcasts to South America too. Projected sign-on is June 1986. (Courtesy Duke Alexander-TX.)

Radio Prague Has A New Answer Line: Dial the code for Czechoslovakia, then the code for Prague; the rest of the number is 26-00-08. (From Lori Klosowski-FL. I suppose this is a similar set-up to what Radio Netherlands has. dε)

Cascade Mountain DX Club: Specializing in Third World news and difficult DX, this Pacific Northwest club is one year old and growing. Club members from Oregon, Idaho, Washington and British Columbia keep in touch via the Shortwave Monitor newsletter, as well as periodic club meetings. A recent CMDXC meeting featured a talk by Karl Tomis, Tech. Sales Mgr. for ICOM America, and also RTTY and FAX demonstrations by club members. There are no membership dues. Newsletters are paid on a per-issue basis. For more info, write to: Craig Parsley, 133 12th Ave, Kirkland, WA 98033. (Via Guy Atkins-WA.)



**New QSL Publication Available:** Gerry Dexter has just completed his latest book, Secrets of Successful QSL'ing. This book takes you from the "what" and "why" of QSLing on through various other techniques to increase your chances of getting a reply. The book is available now, from: Tiare Publications, P.O. Box 493, Lake Geneva, WI 53147. Cost is \$9.95, plus \$1 for shipping and handling; \$2 s/h for foreign orders. Payable only in U.S. funds. (Passed to DXM by Gerry Dexter-WI.)

**1986 WRTH Available At Discount:** The 1986 WRTH is currently being published and retail at \$19.50 in the U.S. prepublication orders are being taken for \$17 Book Rate or UPS (specify which) in the U.S. only. For First Class Mail, add \$2. The deadline for this special price is January 10th, 1986, so hurry! Thereafter, until further notice, the price is \$21 for UPS or Book Rate. Orders, with check or money order, payable to Century Print Shop, should be mailed ASAP to: Don Erickson, 6059 Essex Street, Riverside, CA 92504-1599. Inquiries welcomed at: (714) 687-5910. (We apologize for running this at such a late notice, but it had been sent to HQS by accident, and Jack Sanderson forwarded it here. ds.)

**End Of An Era:** The final broadcast of Radio Monitors International was broadcast on the last Sunday in October from SLBC Colombo and Radio Earth /KCBI Dallas. Radio Monitors International was on the air for nearly eleven years and a total of 540 programs were broadcast. It was a joint project between AWR in Poona, India and the SLBC in Colombo, Sri Lanka. The program was produced and presented by Adrian Peterson in the Poona studios of AWR.

Because of a change in residency regulations in India, it was no longer possible for the Peterson family to continue living in India, and they've now taken up residence in Marion, Indiana. The new director of AWR at Box 15, Poona 411001 India, is Mr. D.S. Poddar. He is an uncle to Sonia Poddar, personality announcer on Radio Monitors International.

Adrian Peterson would like to thank all DXers, monitors, listeners and radio personnel who cooperated over the past 11 years with AWR, and with Radio Monitors International. Please note that all reception reports and correspondence will be honored. If any DXers have reception reports not yet QSLed, these will be verified. If any difficulty is experienced, reports (with return postage) up until the date of the last broadcast of Radio Monitors International may be sent for verification to: Adrian Peterson, 2132 Clayton Ct., Marion, IN 46952. (This press release sent to DXM by Adrian Peterson. ds.)

**VOA Beaming New Show To Europe:** The VOA began a new 24-hour broadcast to Western Europe to counter what Washington feared were "misconceptions" among European youth. Charles Z. Wick, director of USIA, said, "VOA-Europe will help correct the information deficit about the U.S. among millions of young people who have grown up since World War II."

The new service, called VOA-Europe, marks the first time in 25 years that the radio network, run by the USIA, has targeted programs at Western Europe. Franz Stenner, a representative of the Greens party in West Germany, said, "Of course, we view the new broadcast as propaganda with a political aim."

The new service, starting in English, will blend news, commentary, music and entertainment with what Frank Scott, the VOA director for Europe, described as scenes from everyday life of ordinary Americans. Eventually, the service is expected to broadcast in German, Italian, French and Spanish; on FM radio in Paris and on cable in West Germany. Expansion to the rest of France, The Netherlands and Scandinavia is also scheduled for the near future. (From the International Herald Tribune. Sent in by Bob Mosser-IL. Thanks for your letters and calls, Bob. ds)

**The Following From Luis Mendez-NJ Is Self-Explanatory:** Date: 10 Nov.1985. Time: 2200 UTC. Location: Teterboro Airport, Teterboro, NJ. Freq:119.500. ---Tower: "Falcon (ID?) you are on pattern for approach 1-9'F..." Falcon Jet: "Positive (giving altitude, etc.) Tower: "Falcon (ID?) have you established visual contact with small plane?" Falcon Jet: (noise) "Affirmative on the left base..." Tower: Falcon (ID?)...Falcon (ID?).....Falcon (ID?).....

Tower changed frequency at this point. Half hour later I heard on a 1cl AM stn that a collision had taken place btw a light single engine plane &

an executive jet. Wonders of our hobby; it leaves a sour-sweet taste in your mouth and a sad recollection of the victim's last words.....

Project Coordinator Report: SPEEDX had a very productive year in the projects department in 1985. Special thanks to Mark Johnson for The First Shack: Pitfalls and Problems, David Sharp for the SPEEDX Guide to African Listening, Carl Huffaker & John Cereghin for the SPEEDX Guide to Latin American DXing, Mike Chabak for his work on the SPEEDX Reference Guide to the UEllies, and Jack Sanderson for the SPEEDX Log Book.

SPEEDX is attempting to update its Country List, which is used in conjunction with our Awards Program. Tom Kephart is handling this project, & welcomes any comments. Tom is also concentrating on the task of updating the SPEEDX Abbreviations. The abbreviation situation between various ANARC clubs is confusing. Add to this the proliferation of hobby publications, and the abbreviation dilemma is compounded. The abbreviation situation is a major concern for 1986.

SPEEDX would also like to thank Michael Nowicki for his work on A Guide to Soviet Radio. This is now available from headquarters.

And finally, we still need someone that can complete an audio cassette project covering various radio related items (RTTY, CW, QRM/N, het, etc.) We'd like your input as soon as possible. (This information from our very own Project Coordinator, Kraig Krist. If you have any ideas for special projects, get in touch with Kraig, his address is on the back cover. ds.)

A Historical and Technical View of RSA: The first external broadcast was transmitted from Voortrekkerhoogte near Pretoria, December 1950 on a limited scale. From January 1957, a new station at Paradys Bloemfontein came into operation utilizing both English and Afrikaans internal programs, which were broadcast daily on the so-called "Africa" transmitters. This Africa service was not really an external service until much later however.

On April 1st, 1964, the South African Broadcasting Corporation (SABC/SAUK) board of governors created the external services department. The service increased in volume, becoming something much more than a program merely for South African citizens elsewhere in the world. News bulletins were broadcast in French (1960), and two years later there were religious programs in Swahili. Special broadcasts of 45 minutes each in the French and Portuguese languages followed in 1964.

During 1964, the ground for a major radio transmitting station was purchased, and four 250 kW transmitters were ordered for the external service. The board of governors, under the chairmanship of Dr. P.J. Meyer, instructed the management to carry on with detailed planning for comprehensive external service programs. This became a very important development for SABC, and in the first quarter of 1965, detailed plans were formulated, which reached culmination when Dr. Verwoerd officially opened the transmitter station Bloemendal on October 27th, 1965. On that day, the first of four 250 kW transmitters came into operation beaming programs to other countries north of South Africa.

On May 1, 1966, The Voice of South Africa replaced the original Africa service and transmissions of 15 hours per day in Afrikaans, English, Swahili, French, Portuguese and Zulu were broadcast to Africa and Europe.

Transmissions to the U.S.A. and Canada were originated with four daily periods of 55 minutes each, and on March 5, 1967, four daily broadcasts of 55 minutes each, in Dutch, French, German and Portuguese were beamed to Europe. Between 1977 and 1978, three 500 kW transmitters came into service, which substantially strengthened and increased the external broadcast service world-wide. On June 1st, 1981, programs in Portuguese and Spanish were introduced for listeners in Latin America.

Today, RSA's broadcasts comprise a total of 204 hours per week in the following languages: English, Afrikaans, French, Portuguese, Dutch, German, Spanish, Swahili, Tsonga, Chichewa and Lozi.

The Voice of South Africa call sign is the call of the Bokmakierie bird against a background of the folk song, "Ver in die wereld, Kitty." This signature tune not only announces the service, it also gives clues to its origin. The programs presented are very South African and are planned with the object of reflecting the past, present, ideals, tradition, culture & growth, and how diverse population groups work together.

The Radio RSA transmitting station Bloemendal is located near Meyerton south of Johannesburg. It is from here that programs in 11 languages are directed to listeners all over the world. The programs originate in the

RSA studio complex at Auckland Park, Johannesburg, which is one of the largest broadcast centers in the world.

At Bloemendal, a multitude of high masts with rows of antennas proclaim the existence of the shortwave transmitting station. Two separate transmitter buildings are situated on this site because it is also the home of the SABC domestic services. The main transmitter building with antenna side switching hall for RSA transmissions is equipped with 250 & 500 kW transmitters. The antenna tuning selection and slewing are all controlled from two consoles in the large transmitter hall and each transmitter is coupled to any of the station's 34 antenna arrays. Selection is obtained by pressing the appropriate switch on either of the antenna consoles.

The cooling system is carried out by a "Vapodyne" system, which uses distilled water to reduce corrosion. The steam is condensed by heat exchangers and circulated to the transmitter radio valve anodes as water, from where it is again circulated in a closed cooling system.

From the top of the large transmitter RF cabinets the antenna feeders are routed via cross bar switches and ducts to vertical shafts, down to two tunnels and then to the round house feeder side switching hall. This unique system of underground routing was adopted in place of overhead feeder ducts, thereby eliminating the hazards associated with gusting winds. The feeders enter the switch house via five horizontal rows of switches, and are then routed vertically to the top of the building, from where overhead feeder lines connect to an accommodating antenna.

The directional antenna arrays installed on the field area, consists of two curtains spaced a quarter wavelength apart and each is made up of three or five stacks of four half-wave dipole elements. When the transmitter output power is fed into a front antenna curtain, radiations from individual dipoles become additive in the direction of the main listening zone. Total gain obtained can be as much as 20dB.

The antennas can radiate in ten general directions. By phasing, it is possible to swing the beam electronically 15 or 30 degrees away from its center position, to direct a transmission to different target areas. (We thank member Pieter Martins-South Africa, for this rather extensive look at Radio RSA. ds.)

New DX Club Forming in Nigeria: We've just received word that the club, "DX Afrik," has just started publishing a magazine, which includes logs of African stations, and country-by-country analysis of African radio stations. No other info is available, but perhaps you can get the scoop by writing: DX Afrik, Block "A" Room 61 - US, School of Telecommunications, P.M.B. 3198, Kano, Nigeria. Let us know what kind of replies you get.

Two More Appliance Noise Sources: Another two appliances to add to the already long list, which includes hair dryers and blenders. The first is the cordless phone. On my friend's receiver in his apartment building we heard 17 different phone conversations going on at different frequencies. Although I don't like to eavesdrop, the number surprised me. Another source is that home computers- namely the powerpack- that is used in many shacks. You can't hear this noise, but it wipes out a lot of DX, background noise and other wanted and unwanted noises. The biggest offenders are the C-64 and IBM pc. (Comments from David Klopfenstein - OR. Hey Dave, here is another: push-button phones. When dialing out, they create a "clicking" noise on my Kenwood! Also, thanks for your logs; they will be in MWG next month....ds.)

Several Months Ago, we carried an article about HCJB, in which the author, Ed Soomre-MA, mentioned that a 15 watt transmitter would be used on the 11 meter band. Ed confirms that the frequency being used is 26020.

DXM Postbag: A quick thank-you to Richard Coday, of Bakersfield, CA. In his nice letter, he mentions that he has joined SPEEDX after being out of the hobby for 12 years. Welcome back! A big thanks also to Carroll Weyrich-MD, who recently wrote in...and to answer a question from Josh Gaffin-NY concerning the Contest Page: Yes, Josh, the deadline is the same as all other columns in SPEEDX (unless otherwise noted.) Letters are always appreciated; please enclose rp if you want a personal reply....ds.

\*\*\*DXM continues with the Contest Page\*\*\*

# DXM PRESENTS... THE CONTEST PAGE

\*\*\*\*\*

Time for our first Contest Page for 1986. Here we go.....

**GEOGRAPHY QUIZ:** Our mystery country for December was Bhutan. Winner of the Basic Information Pamphlets is Gerald Dorsett-NC. If you would also like a set of BIP's, here's another chance. Identify the country, and you may be a winner: Location: Africa. Population: 14,340,000 Ethnic Groups: Kikuyu, Tuo, Bahya, Kamba, others. Languages: Swahili and English official. Religion: Protestants, Roman Catholics, Moslems. Area: 224,960 sq. mi., slightly smaller than Texas. Topography: The northern three-fifths is arid. Most economic production is centered in a low coastal area and a plateau, varying from 3,000 to 10,000 feet. Chief crops: Coffee, tea, cotton. T.V. Sets: 37,000 (1974) Radios: 510,000 est. History: Arab colonies exported spices and slaves from this country as early as the 8th century. Britain obtained control in the 19th century. Independence was won Dec. 12th, 1963, four years after the end of the violent Mau Mau uprising. From 1968 on, thousands of Asians with British passports have been ordered to leave, but a sizeable minority of Asians and Europeans remain. In 1968, ties with Somalia were restored after four years of skirmishes. In 1976-77, relations with Uganda deteriorated.

**ANNIVERSARY SWEEPSTAKES:** Here is a special competition to celebrate 15 yrs of SPEEDX. Between now and March, everyone who sends in a contribution to DX Montage will have his/her name put in a box. One name will be drawn, & for that lucky person, your editor will foot the bill on a six month extension to your current SPEEDX subscription! You may send in contributions as often as you wish, and each time you do, you'll get another chance to win! So, send DXM those contributions, and get a chance to win an extra 6 months of the SPEEDX magazine!

**PIN THE TAIL ON YE ED:** Final deadline is the 12th of this month. I want to know in which year "Happy Station" began broadcasting? The winner, drawn at random, will win a variety of pamphlets available from headquarters....

**FOREIGN COMPETITION:** Our final deadline here is January 12th. Here is our question: What is Argentina's name for the Falklands? Winner will get a WPLA button, and remember, only overseas members can participate here....

**LANGUAGE ID:** Our language featured last month was French. Congratulations to Lori Klosowski-FL. She'll be getting a SPEEDX "stick-on" logo. Identify the following language, and win a copy of the SPEEDX Guide to Soviet Radio koti ya manyoya, mtoto, kuku. Winner determined by random drawing of correct entries; deadline for this competition is March 12th....

That is all for the contest page this month, but my thanks go to Richard Lemke, who donated some WRNO stickers for prizes. We'll be giving those away soon. If you have something you'd like to donate as a prize, your help would be appreciated. Also, when entering a contest, please write your address and name clearly on letter and envelope (or postcard).

\*\*\*\*\*

That is all for another DX Montage, the first for 1986. Thanks to everyone who called, especially: Ron Trotto, Bill Thim, and Al Quaglieri. A pleasure talking with you! And remember, your contributions are always welcome here. If you've never contributed, how about sending something in? Until February, stay warm, and have great DX. See you later....

*73's and best,  
David.*

**CRACKER COUNTRY:** You know why lightning never strikes the same place twice? That's because it's not there after the first hit!



# 1985 SPEEDXer of the Year Award

The recipient of the 1985 'SPEEDXer of the Year' Award is John Trautschold of Palatine, Illinois. Unless you have only joined SPEEDX within the past few months, I am certain you are familiar with John. Rather than try to come up with a few column inches of flowing praise for Mr. Trautschold, I think I'll let his achievements with SPEEDX speak for themselves:

- 11 years, 3 months on the Board of Directors
- 5 years, 5 months as President
- 4 years, 5 months as Vice-President
- 4 years, 10 months as SPEEDX Publisher
- 6 years, 5 months as SPEEDXGRAN Publisher
- 2 years as Membership Chairman

In short, when the new Board of Directors decided to revive the 'SPEEDXer of the Year Award' and make it a regular, annual honor, we didn't have far to look to find this year's winner.

There are few SPEEDXers who served the club as long as John has. And he was active in the club almost from the day he joined back in late 1972. He soon became the first regular editor/publisher of *SPEEDXGRAN*, and held that position until he took over publishing of the magazine from Don Johnson in August 1979. He kept that job for almost five years, before handing it over to me last year. But he's still been busy as Membership Chairman, which he took over in December 1983, and which he plans on continuing for a while yet.

His first BOD term began in August 1974, when he was selected to fill the unexpired term of Dave Thorne, SPEEDX's first Business Manager and Publisher. That term expired in October 1975, and John wasn't elected to the next BOD. But two months later, in January 1976, Steve d'Adolf resigned his seat on the BOD, and John was again asked to fill it. He stayed on the board for ten straight years, until finally deciding not to run for re-election in this year's BOD balloting.

As noted above, he was also either President or Vice-President for almost ten years combined. Along the way, John also has been editor of *Contributors List* for almost three years.

With all this time he's put into SPEEDX over the past twelve years, you might think John is 85 years old and spending his retirement years in front of the radio. Actually, though, he's a fairly young guy, in my estimation, with a pre-school aged son, Chris, and another on the way. He works for WBBM-TV in Chicago as a behind-the-scenes technician. He and his wife, Kathy, have gotten together with Doreen and I twice, once at their home in Palatine, and again at last year's ANARCON in Milwaukee, and I can vouch that he is as normal as any shortwave DXer... but of course that's not saying a whole lot, hi!

John's term as President and on the BOD will have ended by the time this issue is mailed, but he plans on continuing as Membership Chairman and as editor of *Contributor's List*. The Eighth SPEEDX Board of Directors, on behalf of the entire membership of SPEEDX, thanks John Trautschold for his longtime dedication to this Society, and we wish him the very best in the future.

*Tom*

- Tom Kephart, Vice-President

for: Jack Sanderson, President  
Rick Drollinger, Director

Peggy Thompson, Director  
David Sharp, Director

# Product Profiles

NEWS AND REVIEWS

COMPUTER INFO

TECH TOPICS

Michael Nowicki N6LUU

6200 Meadowood Mall Circle #368  
Reno, NV 89502

---

Please note my new mailing address. Mail sent to be old San Jose address will be forwarded but please use the address on the masthead from now on. Any SPEEDXers in this area are urged to contact me about setting up a local chapter.

-----

A couple of months ago I ran a little poll to determine the member's interests regarding computers and ham radio. The number of returns was very low, only 12 members bothered to respond. However, what was lacking in quantity was made up for in the enthusiasm of those who did participate.

For what it's worth, here are the results. Of the 12 respondents, all have computers in their shack. 6 have a TRS-80 Color Computer, 1 TRS-80 Model 1, 1 Compac, 1 Heath/Zenith H-199 and 3 C-64's. The most common radio related application was for maintaining logbooks. Some use word processors while others use a database. Only one brave soul out there uses a homebrew interface, while all of them used commercial software as opposed to home brew software. RTTY, CW and FAX remain the most popular digital modes. Packet radio and SSTV are quickly catching up with new software and TUs becoming recently available. 5 members can copy CW in their head (without the use of a computer) at speeds ranging from 15 to 20 WPM. All 5 are hams. 2 other hams responded but indicated they could not copy cw. How did you pass your FCC ham code exam?

Thanks to the following SPEEDXers or taking part in the poll. They are- Mike Agner, Albert Arnold, Dennis Kenney, Frances Merrifield, Ron Morais, Keven Davidson, Bill Span, Jerry Emerson, I. B. Rothenbough, Michael Schulsinger, George Skroblus, and Mario Filippi.

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After a lot of blood, sweat and vodka, the GUIDE TO SOVIET RADIO is now available from HQ for \$2.50. Now that the Swiss Summit agreements will open U.S. airports to Aeroflot once again, we can expect to intercept more radio traffic from this state run airline.

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Carl Huffaker in Mexico sent word of a weekly Spanish language publication called "ELECTRONICA VIVA". Each issue is about 16 pages and covers everything from component identification, to soldering, analog and digital concepts, right on and through the use of some sophisticated test gear. Numerous illustrations will let the gringos get something from the booklets. Price is unknown. Check with your local bookdealer or contact HOBBY PRESS, S. A., Apartado 54.062, Madrid. (is this Spain or Mexico, Carl?)

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Review of the Yaesu FRG-9600 by John Tow

"I know. What is a review of a VHF/UHF communications receiver doing in a SW publication? I have a better one: What am I doing owning one? I purchased a Bearcat 210XL at a giveaway price from my local Woolco store when they were having a going out of business sale. I never thought that I either needed or wanted to know what was happening on the other bands-after all, the Bearcat kept me informed via the local amateur repeaters and the NOAA weather service. Boy, was in for a shock.

In operation, the receiver requires 12 to 13.8 Volts at about .5 Ampere, negative ground. This can be supplied by an included wall plug supply or via an included cable from a battery supply. The audio output is sufficient to drive a small speaker (5" 4 Ohm auto type) at reasonable levels. The built-in miniscule speaker is mounted on the case top and offers poor quality results when used on a desk. Mobile operation can be enhanced by an optional accessory speaker not reviewed. Stand-by power requirements are about .1 Ampere, resulting in a constantly warm

wall plug power pack. This power is to keep the clock up, not the memories since they are kept alive by a lithium battery.

The coverage of this receiver is something short of phenomenal: 60-905 Mhz om AM/SSB/FM. Note the resolution: it reads out to 0.1 KHz! Not all SW rigs can claim that! The actual receive modes are: LSB, USB, AM-Narrow, AM-Wide, FM-Narrow and FM-Wide. Any mode can be employed at a frequency determined by either the digitized knob or the keyboard down to the 0.1 KHz resolution. This requires some trickery, however, and the owner's manual does not inform the purchaser of this. On FM-Wide, for example, the receiver supposedly tunes only on 100 KHz increments.

TV audio reception on FM-W is poor, for example, on either 87.7 or 87.8 Mhz (channel 6). If the receiver is first tuned in any other mode to the actual audio carrier and then switched to FM-Wide, optimum reception results. This can also be done on AM-W or FM-N if desired. The receiver also receives SSB throughout its range and not just to 460 Mhz as the manufacturer's literature indicates (perhaps the frequency stability is the limiting factor at UHF).

In operation, the receiver has its share of internally produced birdies, some at approx. 4.09 Mhz intervals. Several are of considerable strength and should be noted in the owner's manual. They will stop the radio on frequency scans - a problem certainly not unique to this receiver. Some trade-offs have to be expected in such a wide frequency range receiver. It also suffers from a great deal of overload on FM-W reception. It is only suitable for local strong station reception as a consequence. I feel that this is the result of the wide first IF bandwidth (45 Mhz range) necessitated by the optional video demodulator circuitry. Who would want to listen to local FM stations on a \$550 scanner anyway?

Birdies in the S6 to S8 level (50 ohm load at antenna connector, insensitive to attenuator position) are 61.440 (and every approx. 4.095 Mhz above), 157.720, 157.730, 175.255, 175.265, 192.755, 210.290, 210.335, 210.345, 245.360, 245.415 and one at 192.800 Mhz above S9.

Interestingly enough, it does not overload in the same frequency area when using ther FM-N mode, although the audio is highly distorted because of the detector bandwidth mismatch. It seems to be as sensitive as my 210XL on comparable signals when using the included whip antenna, albeit with a bit more background hiss present in the audio on FM-N than the Bearcat (the tone control allows some reduction of the higher pitched noise).

The receiver can be externally controlled via an optional RS-232 interface by a simple BASIC program (instructions included) when the interface becomes available. It is highly unlikely that the average user would ever need such a system for frequency storage- it comes with 100 channels! They can be scanned in 10 channel blocks or frequency limits can be stored and searched, a la the typical scanner. A channel can be prioritized and periodically checked while monitoring another frequency, if desired. The S meter is a real boon to this type of receiver. A single step attenuator allows signal reduction to reduce overload. Back panel connectors include the SO-239 so-called UHF connector, a recorder output (very low level), external speaker, un de-emphasized FM-W or multiplex output, baseband video (optional video board required), DC input, mute, +8 Volts out (to accessories), computer interface output, and a BAND connector for future expansion. The 1/8" headphone jack is front panel mounted and allows use of jogger style headphones. Its size is (WHD) 180 x 80 x 220 mm.

I have had the FRG-9600 for over 3 months now. My current impression of the receiver is that it does open up new vistas for me and is a definitely useful adjunct to my normal radio monitoring. I am not quite sure if it is for everyone, however. The 'forbidden' bands containing military aircraft and industrial/government communications may not be in use in many less urbanized areas. The additional coverage has been useful at times."

This review was sent in to SPEEDX HQ by a fellow who was interested in joining SPEEDX. I do hope John made the right choice and is now enjoying the benefits of belonging to the best SW club of 'em all!

"For a mere \$2.00 or less, you can reduce the internal "white noise" your receiver generates. Thanks to a Schottky diode, this simple modification gives those pipsqueak DX signals a better chance to be heard and understood.

Your Icom IC-R70 as it comes from the factory is supplied with a germanium diode for AM detection, a part that probably cost Icom about 1 cent each. You can improve on this with a Schottky (or "hot carrier") diode. I used a diode from Phillips #ECG583. An appropriate cross referenced diode from another manufacturer should also work.

Pull out the owner's manual for the IC-R70, and look at the block diagram for the RF/main units. Notice that the stock diode for AM detection is labeled D14. THIS IS INCORRECT!! The correct part to replace is D74. (It may be that Icom corrected this error in manuals later than mine, so check carefully).

Remove the top cover from the radio and turn the radio around so that the back of the rig faces you. D74 is located in the lower left area of the main board (also see board layout sheet supplied with the manual). Remove the 6 screws that hold the board in place. Make sure your body is grounded to avoid the chance of zapping any IC chips (briefly touching your shack's ground wire should do the trick). Carefully lift the board straight up and turn it over, being certain not to put a strain on the connecting wires.

Note the orientation of D74 on the board, and carefully desolder and remove. Desoldering braid works good for this. Replace the diode with the Schottky version, using a clip-on heat sink if one is available. On the new diode that I used, the color band wasn't very clear, so I used an ohmmeter to double check the orientation against the old diode. Now, replace the board and its screws, and re-attach the cover.

Ta Da! Lower noise level! If you're the analytical type, make a before and after recording for comparison. Connect the recorder via the radio's Ext. Speaker jack, and keep the volume control at the same level (e.g., 12 o'clock position) for each test. Disconnect the antenna before recording to make sure no signal input gets to the radio for the test. In my case, swapping the diodes seemed to result in a 50% lower "hiss" coming from the speaker.

This modification is only helpful when trying to snag AM mode weak signal DX. The readability of moderate to strong stations is not discernably improved. Other receivers can benefit from this diode swap, too. Just locate the proper AM detection diode, and replace."

This month and for the next two months I have given three pages to fill, so next month will feature a review of the AEA CP-1 and SWLTEXT and for the following month I have a few nifty things in store.

Once again, I would like to ask each and every one of you to consider writing a review of some piece of radio equipment you use. It can be a radio, an active antenna, a tuner, a book or whatever.

In the 10 months I have been doing this column, I have been a little disappointed by the lack of the members support for this column. Now and then I receive some excellent reviews such as the ones this month, but overall, I think SPEEDXers can do better. It is my hope that the new year will allow you some time to write a short or long review of some equipment you have, and what you think of it.

In all frankness, if you want this column to continue, you will have to start supporting it. Otherwise you will have to rely upon reviews found in the slick paper magazines that are so obviously hamstrung by not wanting to offend their advertisers that a lot of well deserved punches get pulled. This is your column... use it or lose it!

Best wishes for a happy and prosperous new year

73! N6LUU





PSST!

# TIPS 'N' TOPICS

JOHN DEMMITT  
Box 4, K0848  
Bellefonte, PA 16823  
DEADLINE: 12th



Happy New Year! I trust that Santa provided everyone with all they need when it comes to the radio hobby we love. Lets hope that 1986 will be QRM free. hi. With all of the microwave ovens, TV sets, computers and electronic toys - especially the robots, maybe we should have asked Santa for some filters for our receivers. Hee hee. Lets start the new year out with adventure, mystery and suspense. Below you will find groups of numbers like the ones we often hear over various shortwave frequencies. You may be surprised to learn how the spies might generate their own random numbers to avoid being caught with a one-time-pad code, needed to decode secret messages sent to them over the radio. This is NOT a text taken off the air but instead a sample created by this author to show a possible method that could be used in transmitting secure messages.

SECURE CODES WITHOUT ONE-TIME-PADS ..... John Demmitt, PA

Almost every DX'er and SWL has come across groups of numbers given on various shortwave frequencies that offer no ID's. Since these stations have been operating for over 25 years, they are thought to be spy stations operated by the governments, used to transmit instructions to operatives in unfriendly countries. If these were not government radio stations, surely the authorities would have taken the steps to close the unlicensed stations down.

Whenever a spy is caught, there are two things the news media will point out. Often the spy will have a shortwave radio and a one-time-pad code. The one-time-pad code is a group of numbers generated usually at random that will be printed and given to the transmitter of the message and the one who receives that message. Numbers for each letter of the alphabet can be added to these pre-arranged groups of numbers forming a message when the numbers are subtracted by the receiver, using the one-time-pad code.

To show an example of how the one-time-pad code works, let A equal 1, B equal 2, C equal 3, etc. ending with Z equaling 26. Now compare the below one-time-pad code that each agent has with the encoded text found on the right of the one-time-pad.

ONE-TIME-PAD SHEET:

CODE SENT OVER THE AIR:

7590 3613 4977 1054  
9472 1136 2490

7608 3618 4978 1058  
9492 1150 2510

The receiver of the message at the right will compare it to the one-time pad on the left and subtract the groups of numbers which will form the message after taking the difference of each group and looking for the numbers on the alphabet. This message show: READ TNT. Note that like letters of the alphabet have different numbers. This helps assure that anyone attempting to take a frequency count of the numbers in an attempt to decode the message will be frustrated.

Below is a message that can be decoded without the use of a one-time-pad. Can you solve it? Clue: Transmitted on Sept. 12th.

212	212	212					
2102	2185	5982	4191	1785	7655	6232	7410
3556	7021	1368	6316	1187	3094	1966	1331
8041	5666	1141	5902	2231	2433	3077	4823
6015	1277	3218	4311	5467	3018	7851	

Send your solutions to TNT. Answer to be published next month.

LASER'S BIRTHDAY ..... Ted Gurley, TX

Ted suggests that anyone interested in reading about pirate broadcasting from aboard ship should read the article entitled, Held Hostage by Rock N' Roll in the Nov 85 Campus Voices. A very interesting article which shows the bad side of the microphone and all the troubles the dj's go thru.

TRANSMITTING BY GROUND WAVES ..... Guy Atkins, WA

The Seattle Times/Seattle Post-Intelligencer Dec. 1, 1985 edition reported that sometime during Dec. 85, one of 200 high 300' radio towers will be ready to take its place in the Ground Wave Emergency Network, a communications system that can be used during a nuclear war between the U.S. military bases and command centers.

EAVESDROPPING ON THE PRESIDENT ..... Michael Schulsinger, OH

The Oct 16th & 17th editions of the Springfield (O) News-Sun told how easy it was for people in the radio hobby to listen in on radio transmissions... even from the president of the United States while he is aboard Air Force One. Public attention arose when the brother of a man who heard the transmission of the president and defense secretary discussing plans to intercept to plane carrying the four Palestinians who hijacked the Italian cruise liner Achille Lauro, reported the incident to CBS News. A law makes divulging non-broadcast material heard over the radio illegal and a fine of \$10,000 and up to a year in jail may be imposed. The reason the President and defense secretary did not use a code is due to the two encoding systems on each plane being noncompatible and it was felt that to relay the codes thru the White House would take too much time.

TIME COSTS MONEY ..... Claude Moneman, MI

Due to the hugh expense (\$70,000 to \$140,000 a year), the keepers of Greenwich Mean Time will simply let their atomic clocks run out of time. England will use time readings from the International Organization of Legal Metrology for their official time after the clock runs out of time.

HIGHER PHONE RATES - LOWER RADIO REMOTES ..... Ruth Hesch, NY

From the NY Times (10-15-85) we learn that due to the increased rates of telephone lines for remotes, often used between churches and stores to the radio station to transmit programming, many radio stations are dropping the live broadcasts from remote areas. One radio station - WMSA gave as an example that their phone bull went up from \$16.35 a month to \$395.44 a month. WMSA is located in Messena, NY.

FL RADIO STATION HELPS COLOMBIANS ..... Ron Trotto, FL

Featured in the Nov. 30th Orlando Sentinal is a story about WAVS, a 5,000 watt radio station operating on 1170 KHZ who's signal reaches into Dade County to the south yet in spite of their limited coverage, the Spanish speaking station dropped regular programming long enough to conduct a pledge phone-in after hearing about the volcanic eruption and mud slide, and was able to collect \$23,000 in cash and \$50,000 in food and clothing from its listeners to help the people in Columbia.

RADIO FREE AFGHANISTAN - RFE/RL ..... David Robertson, NY

The Oct. 1, 1985 NY Times reports that the Radio Free Afghanistan will use the transmitting facilities of Radio Free Europe and the Radio Liberty. Congress approved and financed the operation to bring "objective and uncensored news" to Afghanistan.

TNT There are two excellent articles you may wish to secure if you are interested. Bill Romberg of WI says that Gerry Dexter wrote an article "Riding the Shortwaves" which appears in the 12-85 Progressive. David Claytor, MI found an interesting article in the Oct. 20th N.Y. Times "In Spy Game, Electronics Has a Major Role". Both are excellent.

WAR OF THE STATIONS, DIST. & NETWORKS ..... John Demmitt, PA

The failure of WCAU-AM to air War Of The Worlds as promised sparked an angry listening audience to write and phone the 50,000 watt station located in Philadelphia, PA on Halloween night 1985. By gathering tidbits of information from radio stations, networks and distributors, the story comes to light. It appears that the distributor who supplied the program War of the Worlds, to WCAU thru CBS went out of business but did not inform its customers nor the fact that it sold the rights to ABC for airing during 1985...(ie. the new supplier). This created confusion as to who could air the program and at the last minute, ABC secured a court injunction prohibiting CBS from airing War Of The Worlds.

CARIBBEAN BEACON NOW 50,000 WATTS ..... John Demmitt, PA

While doing a bandscan on the MW on the night of Dec. 5, 1985, I happen to hear the special dedication program of the new 50,000 watt transmitter now being tested by the Caribbean Beacon from Anguilla on the frequency of 1610 KHZ. They were asking DX'ers to phone the station at telephone number: 809-497-4340. They aired many of the phone calls including one from a Bob Anderson from Brooklyn, NY who was using an inexpensive Radio Shack receiver to listen to the special broadcast. A section of the program was devoted to Bob and Dorothy Jensen who lost their lives during a plane crash while working for the station. Much of the equipment at the studio and transmitter were discussed in between the airing of Christmas carols. The station is inviting listeners to write and let them know how well the new transmitter is getting out.

THE SHORTWAVE GUIDE MOVES ..... Direct

The Shortwave Guide has left Media to set up its operation in the Thorndale, PA area. Their new address is: The Shortwave Guide, P.O. Box 691, Thorndale, PA 19372. Readers of the Shortwave Guide were surprised to another in a series of treats when they saw the large print in the program section in the latest issue. Makes everything easy to read and the needed information can be spotted at a glance. A very big thanks to Larry Miller, owner and publisher of this excellent publication for making this the fine publication it is. Keep up the good work Larry. I can't wait to see how you are going to improve on perfection.

SHORTWAVE POLL RESULTS FOR 1985 ANNOUNCED ..... John Demmitt, PA

A number of people in the shortwave community have heard of Dr. Tim Andrew Elliott who has been contacting randomly selected US subscribers of The Shortwave Guide, asking them to complete a questionnaire on shortwave programming. The results are in and here is just a tiny sample. The complete listing can be found in The Shortwave Guide. First on the list of favorite programs is Shortwave Listeners Digest from KCI. Following this is Media Network from R. Netherlands, World News on BBC, World of Radio on WRNO, DX Party Line over HCJB and Happy Station on RN.

NEW PUBLICATION BEING CONSIDERED ..... Direct

The World Data Center for the Solar Terrestrial Physics are considering publishing a bulletin that will cover Geomagnetic Indices Kp, Ap, Cp, An, As, aa indices for n, s, ml, m2 and the Dst graph. For the price and other information on this publication, contact: WDC-STP, NOAA/NGDC E/GC2, 325 Broadway, Boulder, CO 80303.

NDXE GLOBAL RADIO TO BROADCAST IN STEREO ..... Direct

NDXE (pronounced "In Dixie") will become the first privately owned High Frequency stereo station in the world. Programming will feature, live concerts, sporting events, worldwide phone-in shows, news, international weather and music by the world's most popular recording artists. In addition to international advertisers, the station will operate a large mail order service selling everything from blue jeans to refrigerators. The station plans to issue the world's first 3-D QSL. This is one station that has as many ideas as it has in watts of power and should prove to be an interesting one to follow.

CIA PUBLICATIONS AVAILABLE ..... Larry Chickerell, WV

Larry informs us that two publications, Fact Book On Intelligence, & Intelligence: Acme Of Skill are available free of charge from the CIA Office of Public Affairs, Washington, DC 20505. There are many radio related positions available in the CIA so you might want to check these publications out.

REMINDER TO SEND YOUR EDXC SURVEY ..... Larry McKinney, PA

Larry would like to remind those of you who have not sent your EDXC Computer Contest Survey in, to do so now. Completed forms should be sent to: Paul Ellis, EDXC Computer Survey, PO Box 348, 1270 AH in Huizen, The Netherlands.

HELP WANTED - ANARC FRC ..... Mike Harris, OH

The ANARC Frequency Recommendation Committee is a group of 12-16 shortwave listeners and DX'ers who monitor various frequencies from time-to-time for the purpose of ID'ing interference and making suggestions to the stations, assisting them in deciding on the best possible frequencies available. Those interested may apply to: Ralph S. Bowden Chairman, FRC, 1255 Amethyst St. Space 30, Mentone, CA 92359.

WHAT TIME IS IT? ..... David Stevens, MA

It is time to get your time corrected. David has been spotting a lot of errors in the log sections when it comes to the time. Much of the confusion comes in while attempting to convert from local time to UTZ... even the date can be involved. David also suggests that both the start and stop times should be used in each logging.

ARRESTING SPIKE ..... Scott Schmutz, NY

Scott learned the hard way what a spike current on the electrical line will do to equipment. In order to save money and loss of time going without the use of such equipment after a surge of current, he suggests that you consider getting protection for your equipment in an automatic lightning/voltage spike protector. Good advice Scott.

TENTATIVE TALK ..... Richard Andersson, NY

In addressing Terry Lindley concerning tentative logging, Richard suggests that reception of stations in which the ID is not heard should be listed as... tentative. This will usually receive a response from club members who may be able to confirm the logging or suggest what was really heard. Richard agrees that the logging should not be counted on the totals until the ID is heard by the listener.

SPEAKING ON SPEAKERS ..... Harold Levison, PA

Harold, like many of the ICOM R70 owners was disappointed at the quality of sound he was hearing from his receiver so he decided to do some experimenting in using an external speaker box. He reminds the readers that the thickness of the box and type of material used will be as important as the type and size of speaker you decide to use.

SOUNDING OUT AT BATTERY LIFE ..... Richard Andersson, NY

Owners of the CR-2021 & DX-400 might be interested to know that Richard has found a solution to extend the battery life with the following procedure. Take a 1/8" stereo to 1/8" mono adapter and plug it in the socket marked, ext. sp. with your headphone connected on the other end. Richard says he gets the same amount of volume while the volume setting is less than it would be using headphones in the phone socket. This helps to reduce the battery drain.

TO PEAK OR NOT TO PEAK ..... Bryan Sharpe, CA

Bryan suggests that owners of the CR-2021 & DX-400 should not use the antenna trimmer to attenuate the signal but instead, use it to... peak the signal.

TNT ... That's it for another month. Good luck on the solution to the numbers station code. Best of DX.

Happy Decoding  
73,  
John



# Station Skeds

DEGREES OF AZIMUTH

TIMES (UTC)

LANGUAGES

TARGET AREAS

EDITOR:  
Ralph S. Bowden  
1255 Amethyst Street  
Space 30  
Mantone, CA 92359

FREQUENCIES

RELAY SITES

POWER (KW)

STATION SKEDS PROCEDURES  
JANUARY 1, 1986

(1) SCHEDULES SHOULD BE MAILED TO EDITOR SO AS TO ARRIVE AT ADDRESS SHOWN ABOVE NOT LATER THAN THE 12TH DAY OF THE MONTH. ALSO, CONTRIBUTORS HAVE THE OPTION TO MAIL SCHEDULES TO MS. PEGGY THOMPSON, CENTRAL DISTRIBUTION EDITOR, SPEEDX, 2706 ALABAMA STREET, LA CRESCENTA, CA 91214-1525, NOT LATER THAN THE 6TH DAY OF MONTH.

(2) EACH REPORT SHOULD BE TYPED OR HANDWRITTEN ON ONE SIDE OF SEPARATE PAGE. THE FOLLOWING BASIC INFORMATION SHOULD BE INCLUDED IN EACH REPORT: NAME OF COUNTRY; NAME AND LOCATION OF STATION; TIMES (UTC) OF ALL BROADCASTS; THE LANGUAGES USED FOR BROADCASTS. IF A REPORT CONSISTS ONLY OF PROGRAMS IN THE ENGLISH LANGUAGE, THEN ONE INITIAL IDENTIFICATION OF LANGUAGE WILL BE SUFFICIENT TO COVER THE ENTIRE REPORT. THIS RULE-OF-THUMB APPLIES TO OTHER SINGLE-LANGUAGE REPORTS.

(3) WHEN APPLICABLE, RELAY STATIONS OR TRANSMITTER SITES, DEGREES OF AZIMUTH AND TARGET AREAS MAY BE IDENTIFIED IN SEPARATE COLUMNS OF REPORT. SOME STATIONS MAY USE THEIR OWN ABBREVIATIONS OR SYMBOLS FOR IDENTIFICATION PURPOSES; IN SUCH CASES THE MEANING OF EACH ABBREVIATION SHOULD BE LISTED AT END OF THE REPORT.

(4) A BROADCAST SCHEDULE FROM AN INTERNATIONAL SHORTWAVE STATION WHICH MAY BE OF POTENTIALLY GREAT INTEREST TO STATION SKEDS READERS, LISTENERS, AND/OR DX'ERS WILL BE CONSIDERED BY EDITOR FOR PUBLICATION IN THIS COLUMN. ENGLISH LANGUAGE SCHEDULES WHICH INCLUDE BROADCASTS BEAMED TO NORTH AMERICA WILL BE GIVEN TOP CONSIDERATION, TOGETHER WITH OTHER ENGLISH LANGUAGE BROADCASTS WHICH ARE AUDIBLE IN NORTH AMERICA. PROGRAM SCHEDULES GIVING DETAILS OR CONTENT OF PROGRAMMING WILL NOT BE PUBLISHED IN THIS COLUMN. MEDIUM WAVE SCHEDULES WILL NOT BE PUBLISHED IN THIS COLUMN. DOMESTIC SHORTWAVE STATION SCHEDULES WILL BE USED WHEN CIRCUMSTANCES PERMIT.

(5) AN OLDER SCHEDULE MAY BE USED FOR REFERRAL PURPOSES ONLY IF ALL ENTRIES ARE VALID. SCHEDULES WHICH ARE LATE IN ARRIVING HERE ON WCNA MAY BE USED FOR NEXT STATION SKEDS COLUMN BY THE EDITOR IF MATERIAL IS SUITABLE FOR DISTRIBUTION AT THE LATER TIME. EARLY MAILING OF SCHEDULES IS RECOMMENDED.

(6) AS A SPACE-SAVING MEASURE, A GIVEN STATION SCHEDULE WILL NOT BE PUBLISHED TWICE IN A PARTICULAR BROADCAST PERIOD, UNLESS THE SECOND SCHEDULE CONTAINS VITAL CHANGES. A CONTRIBUTOR WILL RECEIVE CREDIT FOR EACH VALID SCHEDULE SUBMITTED TO THE EDITOR. UPON RECEIPT OF SCHEDULING INFORMATION FROM A CONTRIBUTOR OR SHORTWAVE STATION, THE EDITOR WILL PREPARE A TENTATIVE REPORT FOR POSSIBLE LATER USE IN THIS COLUMN, FOLLOWING A GIVEN FORMAT. THE EDITOR WILL COMMUNICATE WITH A CONTRIBUTOR SO AS TO AVOID POSSIBLE MISUNDERSTANDING ABOUT THE TIMING OF PUBLICATION.

(7) THE EDITOR WILL MAINTAIN A LIST OF CONTRIBUTORS FOR PURPOSE OF USING THE INFORMATION EACH MONTH WHEN COMPILING REPORT FOR MAILING TO MEMBERSHIP CHAIRMAN OF SPEEDX. EACH SCHEDULE OR REPORT SUBMITTED FOR PUBLICATION SHOULD INCLUDE THE FIRST NAME AND LAST NAME OF CONTRIBUTOR, ALONG WITH COMPLETE MAILING ADDRESS AND RECEIVER INFORMATION. PLEASE REPORT CHANGE OF ADDRESS OR CHANGE IN RECEIVER USAGE.

(8) CONTRIBUTORS SHOULD AVOID USING ANY MATERIAL DESIGNATED BY A STATION AS BEING COPYRIGHT(ED); THIS SPECIFICALLY APPLIES TO MATERIAL WHICH IS PUBLISHED IN WORLD BROADCASTING INFORMATION MAGAZINE BY THE BBC MONITORING SERVICE. SCHEDULES APPEARING IN LONDON CALLING PUBLICATION MAY BE USED.

(9) THE WHOLEHEARTED COOPERATION AND UNDERSTANDING OF STATION SKEDS CONTRIBUTORS WILL BE APPRECIATED. THE EDITOR LOOKS FORWARD TO A LONG AND MUTUALLY ADVANTAGEOUS RELATIONSHIP WITH STATION SKEDS CONTRIBUTORS. THANK YOU. RALPH S. BOWDEN, EDITOR.

ALASKA: KNLS, ANCHOR POINT, D-85,

subject to further change:

0630-0930 6070 English  
 0930-1200 6025 Russian  
 1200-1330 6030 Chinese  
 1330-1500 6145 Chinese  
 1500-1730 7355 Russian  
 1730-2030 7355 English  
 (DIRECT, KNLS, via R. Lemke, Canada.)

ARGENTINA: RADIODIFUSION ARGENTINA AL  
 EXTERIOR, BUENOS AIRES, latest schedule:

TARGET  
 1000-1100 9690 Japanese Far East  
 1100-1200 15345 " " "  
 1200-1300 15345 English America  
 1200-1400 11710 " " "  
 1800-1900 15345 English Eur,Af,ME  
 1900-2000 15345 French " " "  
 2000-2100 15345 Italian " " "  
 2100-2200 15345 English " " "  
 2300-2400 6060 Spanish Eur,AF,USA  
 9690 " " " "  
 11710 " " " "  
 0000-0100 6060 Portuguese " " "  
 9690 " " " "  
 11710 " " " "  
 0100-0200 9690 English " " "  
 11710 " " " "  
 0200-0300 9690 Portuguese " " "  
 11710 " " " "  
 0300-0500 9690 Spanish Eur,Af,ME  
 11710 " " " "  
 1700-1800 15345 Arabic Af,ME  
 1900-2100 6060 Spanish America  
 9690 " " "  
 2100-2200 6060 " Eur,Af,USA  
 9690 " " "

Eur = Europe, Af = Africa.

M = Middle East. (V. Macrie, NJ.)

FRANCE: R. FRANCE INTERNATIONALE, PARIS,  
 D-85, including PARIS CALLING AFRICA:

ENGLISH LANGUAGE TARGET  
 1600-1700 11705 North Africa  
 11795 Africa, Indian Ocean  
 17620 " " "  
 11805 " " "  
 11930 " " "  
 6175 Europe

FRENCH LANGUAGE

1600-1700 15300 North Africa  
 15315 " " "  
 15135 Africa, Indian Ocean  
 9790 " " "  
 1130-1230 11790 North America  
 1130-1700 15365 " " "  
 1145-1700 17720 " " "  
 1320-1700 15435 Central America  
 17860 " " "  
 2200-2300 5950 North America  
 9800 " " "  
 6055 Central America  
 9800 " " "  
 11955 " " "  
 9715 South America  
 9800 " " "

(DIRECT, RFI, EXTRACT. V. Macrie, NJ  
 and E. Soomre, MA.)

GERMAN DEMOCRATIC REPUBLIC: R. BERLIN

INTERNATIONAL, updated D-85 schedule:

2315-2400 6080, 6125, 6165 EE, ECNA  
 0015-0100 6080, 9730 " "  
 0100-0145 6080, 9730 " "  
 0145-0230 6080, 9730 GG, "  
 0230-0315 6080, 9730 EE, "  
 0330-0415 6010, 6080, 9560 " WCNA  
 0415-0500 6010, 6080, 9560 GG, "  
 0630-0715 6010, 6080 EE, "  
 0715-0800 6010, 6080 GG, :  
 (DIRECT, RBI, EXTRACT. R. Zilmer, NM  
 and G. Romanin, Italy.)

GUAM: TRANS WORLD RADIO, KTRW, AGANA,  
 complete D-85 schedule:

0700-0715 15115 English  
 0715-0830 15115 "  
 0830-0930 11735 Arabic  
 0900-1100 11725 Mandarin  
 9585 "  
 0930-1000 9820 Russian  
 0930-1100 15240 Indonesian  
 1000-1100 9820 Japanese  
 1100-1300 7105 "  
 1100-1300 7240 Mandarin  
 1100-1300 7125 "  
 1100-1215 9590 "  
 1215-1245 9870 Cantonese  
 1240-1300 9870 Swatow  
 1300-1330 9820 Bengali  
 1300-1415 9870 English  
 1300-1500 7240 Mandarin  
 1300-1500 7115 "  
 1330-1400 9820 Hindi  
 1400-1430 9820 Tamil  
 1415-1430 9870 English  
 1430-1445 9820 Assamese  
 1500-1530 7240 Russian  
 2110-2200 9720 Japanese  
 2200-2315 9755 Mandarin  
 2200-2230 9820 Cantonese  
 2200-2300 9515 Indonesian  
 2225-2245 9820 Swatow  
 2300-2330 15420 Indonesian  
 (DIRECT, KTRW, COMPLETE.)

INDIA: ALL INDIA RADIO, NEW DELHI,  
 GENERAL OVERSEAS SERVICES, D-85,

English language:

GOS I: TARGET  
 0415-0545 6035, 7215, 9595,  
 11740 SEAsia  
 0530-0645 15115 SAsia  
 0425-0645 9912, 11715 NEAsia  
 GOS II:  
 1530-1630 15230, 15320, 17387 " "  
 1530-1630 11810 Austr.  
 1530-1630 15335, 17875 NewZ  
 GOS III:  
 1930-2030 9545, 11810, 15335 NEAsia  
 GOS IV:  
 0015-0400 7412, 9665, 11620 W.Eur  
 0120-0400 9910 W.Eur  
 2330-0130 11845, 15280 E.Af  
 0115-0215 9755, 11865 NW Af  
 0215-0400 9550, 9665, 9910,  
 11715 NewZ

(DIRECT, AIR, EXTRACT.)

ISRAEL: ISRAEL RADIO INTERNATIONAL,

JERUSALEM, D-85 broadcast period:

ENGLISH LANGUAGE: TARGET

0000-0030	9475	NAm, W.Eur
0000-0030	7410	" "
0000-0030	5915	" "
0100-0125	9475	" "
0100-0125	7410	" "
0100-0125	5915	" "
0200-0225	9435	" "
0200-0225	7410	" "
0200-0225	5915	" "

HEBREW HOME SERVICE RELAY

0400-1400	11585	NAm, W.Eur
1830-2315	11586	" "
1830-2315	9920	" "
0400-0615	9385	" "
1830-2315	9385	" "
0400-0615	7465	" "
1530-2315	7465	" "
0630-1530	17630	" "
0630-1400	15615	" "

(DIRECT, IRI, INCOMPLETE.

R. Adams, MA and F. Bishop, NY and  
R. Zilmer, NM.)

ITALY: RAI, or RADIOTELEVISIONE

ITALIANA, ROME, D-85 broadcast period:

ENGLISH LANGUAGE, WORLDWIDE: TARGET

1935-1955	9575, 7290, 7275	U.K.
2025-2045	9710, 9575, 7235	NEast
2200-2225	11800, 9710, 5990	Japan
0100-0120	9575, 5990	NAm
0350-0410	15330, 11905, 9710	SFE
0415-0440	7275, 6165	Medit.

(DIRECT, RAI, and R. Trotto, FL.)

U.K. = United Kingdom. NEast = Near

East. NAm = North America. SFE =

Southern Far East. Medit. =

Mediterranean..

BROADCASTS BEAMED TO AMERICAS: TARGET

1400-1425	21695	Italian	Canada
	17715	"	"
1830-1905	15385	"	"
2330-0135	9575	It,EE,FF	NAm
	5990	" "	NAm
0140-0325	9575	It,SS	NAm
1430-1750	17715	It (Sun)	NAm

(DIRECT, RAI, EXTRACT. T. Kubala, NY and

R. Reinecker, PA and J. Somers, CA and

D. White, MS.)

JAPAN: R. JAPAN (NHK), TOKYO, programs

beamed to Americas and Hawaii, D-85:

GENERAL SERVICE

0100-0130	15420	English
0200-0230	15420	Japanese
0300-0330	15420	English
0400-0500	9735	Japanese
0500-0600	9735	English
0600-0700	5990	Japanese
0700-0800	5990	English
0800-0830	5990	Japanese
0900-0930	5990	English
1000-1030	5990	Japanese
1100-1130	5990	English
1200-1300	5990	Japanese

(CONTINUED)

JAPAN: R. JAPAN (NHK), TOKYO (CONTINUED):

1300-1400	5990	Japanese
1400-1430	5990	Japanese
1500-1600	5990	English
1600-1700	5990	Japanese
1700-1730	5990	English
1800-1830	5990	Japanese
2200-2300	15420	Japanese
2300-2400	15420	English
0000-0030	15420	Japanese

REGIONAL SERVICE

0015-0115	9645	English
0130-0200	9645, 15195	Japanese
0200-0300	9645, 15195	English
0300-0330	9645, 15195	Spanish

(DIRECT, RJ, EXTRACT. R. Lemke, Canada.)

KOREA (SOUTH): R. KOREA, SEOUL, current  
schedule, English language broadcasts:

			TARGET
0400-0500	11820, 15575		Eur, ME
1600-1700	9870		" "
1800-1900	15575		" "
1200-1400	15575		" "
0200-0300	11810, 15575		America
0400-0500	9870		" "
1400-1500	9750, 15575		" "
1100-1200	15575		ME, Af
2200-2300	6480, 7550		ME, Af
1400-1500	9570		SE Asia
0200-0300	7275		Gen. Svc.
1100-1200	7275		" "
1600-1700	5975		" "
1800-1900	5975		" "

(DIRECT, RK, EXTRACT. J. Cirone, NJ.)

NETHERLANDS: R. NEDERLAND WERELDOMROEP,

HILVERSUM, D-85, English, Dutch and

Spanish language broadcasts:

			TARGET
0430-0525	9895F	EE	ME
0430-0525	6165B	DD	W.NAm
	9590B	DD	" "
0530-0625	9715B	EE	" "
	6165B	EE	" "
0630-0725	11930F	EE	ME?
	9695F	EE	ME
0730-0825	9630B	EE	" "
	9715B	EE	" "
0830-0925	9715B	EE	NewZ
0830-0925	21485M	EE	SE Asia
	17575M	EE	" "
1030-1125	9650B	EE	Austr/Carib.
	6020B	EE	" "
1130-1225	17605F	EE	Eur,ME,Asia
	9715F	EE	" "
	5955F	EE	" "
1130-1225	21480M	EE	Eur,ME,Asia
	17575M	EE	" "
	15560M	EE	" "
1430-1525	21480M	EE	SE Asia
	15560F	EE	" "
	13770F	EE	" "
	11735M	EE	" "
	5955F	EE	" "
1630-1725	15570M	EE	S&E Af
	6060M	EE	" "

(CONTINUED)

NETHERLANDS: R. NEDERLAND (CONTINUED):

SOVIET UNION: RADIO MOSCOW, WORLD SERVICE, English language, D-85:

Time	Freq	Mod	Target
1830-1925	21685B	EE	S&C Af
	17605B	EE	" "
	9540M	EE	" "
	6020M	EE	" "
1830-1925	6020F	EE	Eur
2030-2125	11740F	EE	Waf
	9895F	EE	"
	9715M	EE	"
	9540B	EE	"
0030-0125	6165B	DD	W.SAm,E.NAm
	15315B	DD	" "
0130-0225	9895F	EE	N.NAm
	6020F	EE	"
0130-0225	6165B	SS	NW SAm
	15315B	SS	" "
0230-0325	6020F	SS	SAm
	9895F	SS	"
0230-0325	6165B	EE	E.NAm
	9590B	EE	"
0330-0425	6165B	SS	CAm, Mexico
	9590B	SS	" "

Time	Freq	Freq	Freq	Target
0400-0500	7320	7230	5980	
	6000	6100	6200	NAm
0500-0600	7320	5980	6100	
	6200			NAm
1100-1200	15130	13700	6000	NAm
1200-1400	15130	15150	15470	
	13660	13700	6000	NAm
1400-1500	15130	15150	15470	
	13660	13700	11840	
	7150	7340	5980	
	5950	5980		NAm
1500-1600	15470	15700	11840	
	7150	7340	5900	
	5960	5980		NAm
1600-1700	11840	9520	7130	
	7150	7340	5900	
	5950	5980		NAm
1700-1800	11840	9520	7130	
	7150	7290	7140	
	7400	5900	5950	
	5980			NAm
1800-1900	11840	7130	7150	
	7290	7340	7400	
	5900	5950	5900	NAm
1900-2000	11840	7130	7150	
	7290	7340	7400	
	5980			NAm
2000-2100	11840	12050	9580	
	7150	7290	5980	NAm
2100-2200	15150	11850	12050	
	9590	7290	6020	NAm
2200-2300	17770	15150	15420	
	12050	7110	7130	
	7290	5910	6020	NAm

B = Bonaire. F = Flevo.  
M = Madagascar.  
(DIRECT, RN, EXTRACT. R. Adams, MA and G. Romanin, Italy.)

(DIRECT, RM, EXTRACT. R. Adams, MA and D. Claytor, MI and A. Nacht, NY.)

ROMANIA: R. BUCHAREST, D-85, English language broadcasts:

Time	Freq	Freq	Freq	Target
0200-0300	11940	11810	9510	
	6155	5990	9570	NAm
0400-0430	11940	11810	9570	
	9590	6155	5990	NAm
0530-0600	15380	15540	11940	
	9570	9530		Af
0645-0715	21645	17805	17740	
	15115	15150	11940	Pac
1045-1100	15350	11940	9590	Eur
1200-1230	17720	15380	11940	Asia
1300-1330	15250	11940	9690	Eur
1500-1530	15335	15210	11940	Asia
1730-1800	15380	15365	11885	Af

U.S.A.: WORLD HARVEST RADIO, LE SEA BROADCASTING INTERNATIONAL, South Bend, Indiana, transmitter at Noblesville, Indiana, English language:

Time	Freq	Freq	Target
0000-0100	9615	157	Latin Am.
0300-0600	6155	157	" "
0600-0800	6100	42	Eur,ME
0800-1100	7355	42	Eur,ME
1100-1500	5995	42	Eur,ME
1300-1500	11790	157	Latin Am.
1500-1700	15105	157	" "
1700-1900	15355	42	Eur,ME
1900-2100	11865	42	Eur,ME
2100-2300	9770	42	Eur,ME
2300-0000	11780	157	Latin Am.

(DIRECT, RBR, EXTRACT. V. Macrie, NJ and H. Woering, MA.)

SOUTH AFRICA: VOICE OF SOUTH AFRICA, or RSA, JOHANNESBURG, English language broadcasts beamed to North America:  
0200-0256 6010, 5980, 9615  
(DIRECT, RSA, EXTRACT. R. Adams, MA and J. Evans, TN and A. Nacht, NY and S. Paszkiewicz, WI.)

(DIRECT, SWG. W. Dickerman, PA and D. Norcross, CA.)  
NOTE: WORLD HARVEST RADIO reportedly was beginning regular broadcasting on Christmas Day, 1985.

SOVIET UNION: R. WILNIUS, LITHUANIAN SSR, current schedule, English language:

Time	Freq	Freq	Target	
2230-2300	6100			
2300-2330	11720	11790	11950	NAm
	13605	15180		NAm

(B. Robinson, TN.)

BROADCAST SEASONS: D-86: Ends March 1, 1986. M-86: March 2, 1986 through May 3, 1986. J-86: May 4, 1986 through September 6, 1986. S-86: September 7, 1986 through November 1, 1986.

CONTRIBUTORS ARE ASKED TO OBTAIN STATION SCHEDULES VERY EARLY AND TO MAIL SCHEDULES TO EDITOR VERY EARLY, AS LATE REPORTING SOMETIMES RESULTS IN BEING OMITTED. /rsb





# WESTERN HEMISPHERE

**EDITOR: John Cereghin, WDX3IAO**

**DEADLINE: 12th**

NEXT MONTH AND BEYOND:

**TIMES: UTC**

**NEW**

Tom Sable  
Univ. of Scranton  
Scranton PA 18510

**FREQUENCIES: kHz**

Say what? Yes, I'm afraid the time has come to give up my beloved Western Hemisphere column after 2½ years. Starting now, all Western Hemisphere material go to Tom Sable, University of Scranton, Scranton PA 18510. I feel that I do owe you an explanation for my sudden departure.

After stumbling around the University of Maryland for the last 2 years, I've finally figured out what I want to do. Starting this month, I will be attending the Maryland Baptist Bible College in Elkton MD, to start studying for the Baptist pastorate. After a few months of thought, I've decided this was best for me. Any of you who have ever attended a Christian school know how heavy the workload is. I'm really quite suprised that I was able to handle a column of this size considering my workload at Maryland, but I feel I cannot continue as Western Hemisphere editor considering my impending workload at MBBC. The only reason I'm leaving right now is that Rick Drollinger wasted no time in finding my replacement. I've talked to Tom Sable, and he says that he'll be ready to go starting this month, so I am leaving now. Starting now, all materials go to Tom.

I will continue to be quite active as a contributor, and I will also continue my duties with the Chesapeake DX Club, our Baltimore-Washington local chapter. I will also be working on the 2nd edition of the Guide to Latin American DXing over the summer.

World Harvest Radio should now be operating with a full sked, and Frank Welch supplies their sked, as per Radio Netherland (11/28):

To South America (157°)	To Europe
11780 2300-0100	6100 0600-0800
9615 0100-0300	7355 0800-1100
6155 0300-0600	5995 1100-1300
11790 1300-1500	15355 1700-1900
15105 1500-1700	11865 1900-2100
	9770 2100-2300

Their address is WHRI, P.O. Box 50250, Indianapolis IN 46250. They have been testing during December, and we have several reports on them.

I only have 7 pages for my swan song, so I better begin now. Remembering if a log has no language given, it was reported in SS (or PP for Brazilians), I give you my last WH...

#### ALASKA...KNLS

6070 0708 EE, "Sound Words", topic: portrait of a Christian (331 11/13 Lemke ALB)  
 6145 1434 CC, Classical mx (342 11/17 Lemke ALB)  
 7355 1813 EE, Chuck Cecil's "Swingin' Years", ID, followed by "Let's Talk", hosted by Glenn Owen (fr 11/20 Palmer WA)(342 11/16 Lemke ALB)

ANTIGUA...BBC Relay (I know I will have a space problem again this month, so I will need to once again edit logs of common stations...sorry! jc)

6175 0200 EE, //5975 (444)(333 11/15 Dillon MD):0702 (444 11/24 Kerrigan IL)+1  
 9510 \*0430 EE (444 11/22 Blair CA):0705 (555 11/10 Brown IL)(454 11/15 Bingham MA)  
 11775 1556 EE, (444 11/23 Dillon MD)

DW Relay starts on next page...thanks to all who sent cards and holiday wishes...

ANTIGUA...Deutsche Welle Relay

6040 0151\* EE,(454 11/19 Bingham MA)(443 11/18 Keenan CA)(544 11/13 Berri CA)+1  
 6085 0445 EE/GG (544 12/6 Valentine CA):0500 GG (544 11/19 Zirkelbach CA)  
 6120 0505 EE (555 11/9 Brown IL)(454 11/19 Bingham MA)  
 11785 0606 GG, //9690 (545), Afro. svc (444 11/16 Berri CA)(I don't know what site this is at this time, but if African service, then more likely Rwanda or Malta, which also use this freq jc)  
 15350 2031 GG (vg 11/9 Palmer WA)

ARGENTINA

6060 0637 R. Nacional, "Musica Internacional", TC, moderate QRM de 6065, very wavery (333 11/30 Hevern NY):2331 (434 11/6 Huffaker MX)  
 9690 0027 RAE, mx, tx, //11710 (454 11/9 Roberts FL):0100, EE (555 11/15 Ruhe PA)+4  
 11710 0100 RAE, EE, nx, sx, tangos, national and international conference announcements, fading badly @0140 (332 11/25 Sharpe CA)+3  
 19380h 2230 RAE, 2x9690, clear here and //11710 (very good sig), 9690 buried in QRM. My first SW harmonic! (fr 11/21 Sheedy CA)

BELIZE...R. Belize

3285 0220 EE, tx on tourism in Belize, "Belize, Radio One" ID (343 11/15 Huffaker) 0412, EE (222 11/29 Doherty NB)

BOLIVIA

4749 0012 R. Santa Ana, ex 4803.6, loads of comunicados for Trinidad, Santa Rosa and Yacuiba, etc. ID "Santa Ana...la radio...", s/off around 0205, but usually faded down and away by then (pr 11/21 Sheedy CA)  
 4775 0053 R. Emisora Bolivia, ads until full ID @0100 (232 11/14 Huffaker MX)  
 4875 1019 R. Cruz del Sur, OM tx in ?lang w/mix of SS words, was talking about a camping (not exactly the EE equivalent, it means picnic)(444 11/9 Huffaker MX)(Carl sent a rather lengthy paper concerning propagation out of Latin America, but I simply don't have the room for it here. With Carl's permission, I'll save it until the second edition of the Guide to Latin American DXing jc)  
 4945 0008 R. Illimani, ID, into nx (343 11/8 Huffaker MX)  
 6005 2359 R. Progreso, community messages, mensajes, GMT-4 TCs (3 minutes fast), good IDs @2359, 0007, BBC IS @0009, and guess what? (What? jc)(fr 11/20-21 Sheedy CA)  
 6135.3 1004 R. Santa Cruz, mx, several "R. Santa Cruz" IDs, must be reactivated. Also reported in ADXR (211 12/2 Stone WA)

BRAZIL

3255 0937 R. Educadora, break-in ID @0938. El Tigre not on (242 11/25 Huffaker)  
 3325 0852 R. Liberal, Saturday-night mx, ID @0858 (242 11/24 Huffaker):0359, tent., but definite "en Belem" hrd, splatter 3330 (222 11/22 Hevern NY)  
 3375 0938 R. Educadora, ID, rising above the QRM (322 11/24 Huffaker)  
 0944 R. Clube Dourados, mixing 30-70 w/Sao Gabriel, but "Clube Dourados" above QRM @0957 (322 11/18 Huffaker)  
 1022 R. Nacional, Sao Gabriel, ID, Braz. mx (232 11/8 Huffaker)  
 4755 0923 Rdif. Maranhao, usual AM mx, full ID/ads @0930 (242 11/9 Huffaker)  
 4765 0856 R. Nacional, Cruzeiro do Sul, Mayak not modulating and signal readable through carrier), R. Nac. ID @0900 (323 11/8 Huffaker)  
 4795 0809 R. Aquidauana, mx w/a lot of breaking tx, TC every minute or so, references to Aquidauana (11/6 Huffaker)(haven't seen this one before jc)  
 4805 0040 Rdif. Amazonas, OM DJ trying to sound sexy w/piano mx in background, several ments of Brazil, TC @0100, ads, frequent IDs (333 11/13 Dillon MD):0811, relg px (333 11/11 Huffaker)  
 4815 0905 R. Nacional de Tabatinga, Radiobras ID @0911, ad block @0923, full ID at 0930 (343 11/1 Huffaker)  
 4845 0228 R. Nacional, Manaus, world nx headlines, many IDs, 0235\* (444 11/20 Gerstner NY):0825 (343 11/8 Huffaker MX)(333 11/13 Dillon MD)  
 4875 0859 R. Nacional, Boa Vista, ID in the regular R. Nac. format (322 11/7 Huffaker)  
 4880 0841 R. Acreana, typical Brazilian mx, ID (343 11/7 Huffaker)  
 4885 0749 R. Clube do Para, relg (Pentacostal) px, caught "...do Para" part of ID on the hour (333 11/6 Huffaker):0302 (333 11/19 Hevern NY)  
 4895 0904 R. Bare, Manaus wx, TCs, R. Nacional ID (343 11/8 Huffaker)  
 2225 R. Brasil Central, continous tx, "R.B.C" ID @2232 (232 11/9 Prath FL)  
 4905 0805 R. Relogio Federal, minute announcements w/ticks for 58, 59 and 00 seconds (232 11/22 Huffaker)  
 4915 0749 R. Anhanguera, PP ballads, amnts, ads, ID w/freqs @0758 (252 11/14 Orr FL):0805, full Radiobras ID on the half-hour (343 11/17 Huffaker)  
 0855 R. Nacional, Macapa, Radiobras ID (R. Nacional on top of QRM tonight) (333 11/27 Huffaker)

BRAZIL...continued

- 4935 0925 R. Jornal a Critica? possible ID @0929 (242 11/17 Huffaker MEX)  
 0925 R. Capixaba, definite "Vitoria" and "Capixaba" in the 0929 ID (242 11/24 Huffaker)
- 4945 0842 Rdif. de Pocos Caldas, Brazilian version of "La Cucaracha", station and Radiobras IDs on the hour (333 11/11 Huffaker )
- 4955 0940 R. Clube Rondonopolis, religious px, ID @0945 (242 11/17 Huffaker)
- 4964.9 0638 R. Poti, Brazilian campesino mx and jazzy group vocal mx, all lyrics in PP. OM anncr, TC after each record for times past 4AM (local time). A musical ID @0646 for "Poti- Natal". The usual early morning hype just like in the US. Another ID for "R. Poti de Natal" @0650. At 0658, OM gave full ID, freqs, callsigns and powers for all their outlets in PP, SS and would you believe EE! Why on so early? (gd 11/7 Palmer WA)(242 11/6 Huffaker MX):0202\* (11/7 "Mr. Africa" Quaglieri NY)
- 4965 0856 R. Alvorda, chimes, then full ID on the hour (232 11/18 Huffaker)
- 4985 0304 R. Brasil Central, ads, Braz. ballads and other mx (343 12/2 Miller CA) 0530, Yls singing "Radio Central" (333 11/18 Huffaker)
- 5025 0837 R. Borborema? ID w/trumpet (which I couldn't copy)(I can't understand trumpet either, hi! jc), caught the Campina Grande part of an ID @0903 (222 11/13 Huffaker)
- 5040 0215 R. Cultura do Para, class. mx featuring piano, ID @0220, tx, 0230\*. Have hrd this station @0900 (222 11/19 Abbinante IL)(here, and not on 5045? jc)
- 5045 0300\* R. Cultura do Para, opera mx w/some discussion. IDs @0230, 0251 and at 0254 w/sign-off amnts over "2001" theme, NA @0255 (242 11/15 D'Angelo PA):0825 (242 11/13 Huffaker MX)
- 6010 0751 R. Inconfidencia, vocal mx, "R. Inconfidencia" ID @0759, co-channel het like a party line, wavery sig (222 11/30 Hevern NY)(note all these new 49 meter freqs jc)
- 6020 0818 R. Gaucha, relg tx, a lot of ads and promos, finally ID @0829 (333 11/28 Huffaker)
- 6030 0832 R. Globo, ID btwn ads (333 11/28 Huffaker MX)
- 6040 0834 R. Clube Parana, mx w/frequent TCs, ads, ID @0843 (333 11/28 Huffaker)
- 6120 0903 R. Globo, singing ID "Radio Globo" (333 11/28 Huffaker)
- 6180 0858 R. Nacional Amazonia, ID, ads, full ID w/TPs @0900, local nx w/various reporters, many ments. of Brasilia (444 11/21 Trotto FL)
- 9545 2310 R. Universo, at tune-in, had harmonic and orchestra version of song "Alfie" (played as a samba). ID @2317 as "R. Universo" (though sounded more like he was saying 'Universal' (had that very nasal 'ao' sound at the end which would be correct pronunciation for 'al' at the end of a word in PP))(wk 11/9 Palmer WA)
- 9645 0720 R. Bandeirantes, ads, mx, ID "Ban! dei! ran! tes!" shouted, guitar mx, TC and promo, some hum de ?, deep, rapid fades, moderate QRN (232 11/30 Hevern)
- 9770 2335 R. MEC, tentative w/tx and suave, cool guitar jazz mx, amnts and possible ID @2349, but still not sure (322 12/6 Orr FL)
- 11745 0238 Radiobras/R. Nacional, EE, carnival mx, reports on various subjects relating to Brazil, EE freq sked, 0250\* (444 11/26 White FL):0135, PP (444 12/1 Miller CA)(333 11/12 Hawk VA)(555 11/11 Cadorette MA)+6
- 11780 0200 R. Nacional da Amazonia, ID, TC, freqs, DJ tx into a can or an echo machine w/lively backround mx (433 12/4 Brown IL)(333 11/12 Hawk VA)+2
- 11805 0125 R. Globo, whistles, chimes, bells, lots of IDs, MOR mx (322 11/9 Sable PA)
- 11815 0900 R. Brasil Central, at last! //4985 w/usual PY morning px and nice ID, jingle @0900 (fr 11/11 Sheedy CA)(congrats on your being chosen one of the editors of the OMDXC DX Log Dan jc)(252 11/14 Orr FL)
- 15155 1832 Radiobras, EE, tx on development of modern art in Brazil (232 11/28 Thim CT)
- 15190 2155 R. Inconfidencia, pop vocals until ID and freq amnts @2200, return to vocals fade-out @2220 (333 11/16 D'Angelo PA):0036, tent (232 11/15 Dillon MD)+1
- 15200 2024 R. Nacional da Amazonia, tx, several ments of "R. Nacional", TC, self-promo for their px "Deportes Nacional" @2030, then their IS, complete ID, and 2031\* (gd 11/11 Palmer WA)
- 17755 1745 R. Surinam Int'l via Radiobras, EE, tx abt Central Bank of Surinam, festive mx, saying hello to listeners who sent reports, ID, feeqs, gave phone # (444 11/18 Bingham MA)

CANADA

- 6005 1748 CFCX, Montreal, EE, voter info for upcoming elections and mx for Million \$ weekend (454 11/9 Welch MA):1353 (454 11/25 Bingham MA)
- 6030 2043 CFVP, Calgary, EE, "Calgary's All-Hit radio AM 106", rock mx (341 11/21 Lemke ALB)(434 11/22 Falbo OR)(those on the East Coast should try for this one around 0700-0800. That's when I heard them, and if I can hear this, anyone can, hi! jc)
- 6070 1010 CFRX, Toronto, EE, tx format, ex, ads, Canadian Stock Market nx, CFRB ID (454 11/11 Brewer KS):2047 (433 11/29 Goodman IA)+2

## CANADA...continued

6080 0009 CKFX, Vancouver, EE, ID as "WX-1130", country-western format (11/11 Palmer WA):1917 (444 11/22 Falbo OR)  
 6130 1835 CHNX, Halifax, EE, pop mx, ads for Commercial Video, Nova Scotia cooking apples, etc, Trivial Pursuit question (242 11/26 Lehman MA)+1  
 6160 0310 CKZN, St. Johns, EE, Maritime provinces nx, Newfoundland municipal election results (322 11/12 Doherty NB):1435 (243 11/21 Lehman MA)

BBC Relay

5965 1045 EE, //11775 (454 11/10 Welch MA) 11775 1702 EE (vg 11/24 Palmer WA)  
 6120 0200 EE (333 11/6 Dillon MD) 15260 1737 EE (555 11/30 Brown IL)

Canadian BC

6065 0023 EE (544 11/8 Neff OH):1204 (444 11/16 Welch MA)(444 11/11 Bingham MA)  
 9625 1825 EE, //11720 (121)(333 11/24 Hevern NY):1310 (444 11/12 Bair CA)  
 9760 2213 EE (544 11/7 Neff OH)  
 11720 2215 EE (433 11/8 Goodman IA):1440 (211 11/9 Brown IL)

R. Canada Int'l

5960 0230 EE (544 11/19 Zirkelbach CA):0136 (333 11/10 Brown IL)(454 11/14 Bingham MA)  
 6140 0655 EE, into SS @0700 (555 11/14 Brown IL)(454 11/7 Bingham MA)  
 9535 0230 SS (333 11/27 Brown IL)  
 9755 0138 EE (544 11/10 Neff OH):0230 (444 12/4 Brown IL)  
 9760 0615 EE, (454 11/13 Bingham MA)  
 11710 2300 EE, //9755 (343 12/1 Soomre MA)  
 11945 2130 EE (444 11/23 Dillon MD):0130 FF (222 12/4 Brown IL)(232 11/10 Hevern NY)+2  
 11950 1922 EE (444 11/6 Kerrigan IL)  
 11955 1615 EE (555 11/18 Ruhe PA)  
 15140 2015 FF (333 11/9 Trotto FL)  
 15150 2129 EE (323 12/1 Blair CA)(242 11/18 Bingham MA)  
 15260 1800 EE (555 11/17 Hunt NC)  
 17820 1644 EE (333 11/20 Bingham MA)

CHILE

.9750 1050 R. Minería, IDs as "R. Nacional Minería", also ments of Santiago. All tx, no mx (gd 12/9 Cereghin MD)(222 12/2 Stone WA)  
 15140 1840 R. Nacional, live sporting event, ID (222 11/30 Yeager PA):0021 (544 11/8 Neff OH)(351 11/21 Lemke ALB)(343 11/9 Dillon MD)

CLANDESTINE

5000 0400 R. Quince de Septiembre, much shouting to "Comunistas de Nicaragua", QRM from WWV, //5570 better (222 11/9 Schmautz NY):0547, makes it hard to DX the time stations on 5 mhz (322 11/15 Huffaker MX)  
 6305 0535 R. Camilo, mellow LA vocals, ID, wld nx (222 12/1 Sharpe CA)  
 6560 0055 R. Venceremos, tx, ID, march mx, tx, tx and tx! (343 11/20 Thompson CA) 6555a, 0255 (222 12/1 Sharpe CA):6556, 0225 (232 11/19 Abbinante IL)  
 7380 0545 LV del CID, Latin mx, nx, several IDs, tx (242 12/1 Lehman MA)  
 9940 1907\* R. Cienfuegos, popular mx and final saying would be off the air "briefly" (343 11/6 Huffaker MX)  
 11635 2219 LV del CID, US pops, "La voz del CID presente noticias", new broadcast was overmodulated (233 11/28 Gerstner NY)  
 11680 2144 LV del CID, px "Caminos del Mundo", ID (333 11/4 Doherty NB)

COLOMBIA

4845 0230 R. Bucarmanga, variety of mx, "R.B. musica" ID hrd several times after songs, noisy freq (322 11/29 Prath FL)  
 4880 0823 UNID, I couldn't copy all of the call, but a Colombian, probably LV del Norte, has drifted here (242 11/20 Huffaker MX)  
 4885 0948 Ondas del Meta, "Servico Super en Villavicenco" ad and TC (434 11/13 Huffaker)(232 11/16 Abbinante IL)  
 4915 0415 R. Sonar, ID, pop mx (444 11/29 Kustra AZ):0911, hrd "Sonar...Sonar" thru QRM (322 11/24 Huffaker)  
 1051 LV de Caqueta, ranchero style mx, many TCs, some "en la voz de Caqueta" (333 11/8 Huffaker)  
 4945 0355 CARACOL Nevía, world nx, banco and other ads followed by a host of "Bogota" nx items, IDs, nx abt CA & SA from 0405 (343 11/22 D'Angelo PA)+1  
 5095 0505 R. Sutatenza, nx on volcano eruption, names of people being read (survivors?) ID, some CW QRM (434 11/15 Berri CA):0100 (322 11/30 Sharpe CA)+3  
 5955 1050 LV de los Centauros, early morning ballad show, religious promo, ID, ment. of Bogota and CARACOL, slight het (gd 11/22 Cereghin MD)  
 5975 1000 R. Macarena, IDs, px "El Campo", volcano nx (545 11/15 Robinson TN)  
 6035 1016 LV de Guaviare, frequent TCs btwn vocals, possible ID @1020, lost to VOA @1058 (232 11/16 Welch MA){still nice! 'je)  
 6118 0706 LV del Llano, OM reading list of people's names (volcano victims?), ments of Bogota and Colombia (422 11/15 Dickerman PA)(444 11/20 Robinson TN)

COSTA RICA

4832 1200 R. Reloj, ID w/ment. of San Jose, into relg song "Ave Maria" (444 11/24 Prath FL):0841 (444 11/19 Huffaker MX):(242 11/9 Stone WA)+3  
 4850 0410 R. Columbia, frequent ment of Nicaragua/baseball. Interview px, "Radio Columbia" ID (333 11/24 Abbinante IL):2330, 4849.6 (534 11/19 Hunt NC)+4  
 5055 \*1030 Faro del Caribe, NA, guitar mx, ID w/sked, freqs, QTH and phones (434 11/8 Huffaker MX):0355 EE/SS, EE s/off, into SS @0355 (322 11/10 Schmautz NY):(444 11/29 Kustra AZ):(433 12/1 Miller CA):(323 11/10 Brown IL)  
 6006 0938 R. Reloj, ID, very good Latin mx (333 11/29 Brown IL)  
 6160 1335 R. Impacto, frequent TCs and IDs. They seem to have settled on this freq (333 11/6 Huffaker MX):0140 (433 11/15 Dillon MD)

CUBA...R. Havana Cuba

5970 0503 SS (333 11/16 Sharpe CA)  
 6090 1027 SS (454 11/10 Welch MA)  
 6100 0315 EE (555 11/16 Ruhe PA):0140 EE (343 11/24 Kerrigan IL):(555 11/11 Brown IL)+1  
 9740 0013 EE (555 11/18 Zirkelbach CA):0215 EE (555 11/11 Ruhe PA)  
 11760 2347 SS (333 11/18 Addison KS)  
 11951.0 2110 FF, het de RCI-11945 (11/7 Palmer WA)  
R. Moscow Relay  
 6000 0027 EE, site per UHN (333 11/7 Dillon MD):1015 EE (454 11/10 Welch MA)+1  
 11840 1350 EE (544 11/28 Brown IL)  
R. Rebelde  
 5025 0100 SS, hurricane bulletins (444 11/20 Huffaker MX):0400 (534 11/29 Kustra AZ)

DOMINICAN REP.

9778 2301 R. Santiago, ID @2301 as "Radio Santiago, Dominican Republic", many ments of baseball, then pop mx. Gone by 2315 recheck (252 12/6 Orr FL)(nice! jc)

ECUADOR

3252 0931 LV del Triunfo? almost 7 minutes of ads, but no readable ID before fade (242 11/18 Huffaker MX)  
 3260 0328\* LV del Rio Carrizal, lively instruments to ID @0324 as "Radio Carrizal", long amnts, another ID followed by NA (242 11/8 D'Angelo PA)  
 3280 1045 LV del Napo, LA mx, full ID (322 11/26 Stone WA)+1  
 3315 0122 R. Pastaza, px of semi-classical Argentine mx, finally ID @0139 (232 11/9 Huffaker)  
 3380 1053 R. Iris, px "Buenas Dias Ecuador" (333 11/15 Huffaker)  
 3395 0039 R. Zaracay, ID "Radio Zaracay, la estacion favorita", LA mx, banco ads, soap opera? (233 11/9 Gerstner NY):0200, 3394.7 (333 12/5 Prath FL)+1  
 4770 1033 CRE, time, wx and traffic in Guyaquil, referred to the city as "Guay" several times (333 11/15 Huffaker MX)  
 4792 0350 R. Atalaya, modern pop mx, some in EE, many mention of South America (535 12/3 Miller CA)  
 4795 2335 LV de los Caras, SS pop mx, ID @2336 (232 11/9 Orr FL)+2  
 4820 0912 R. Paz y Bien, classical mx until formal s/on w/NA @0920 (343 11/6 Huffaker)  
 4870 0245 R. Rio Amazonas, lite mx, 2-4 songs in a row, then caught part of ID. Poor sig, ute QRM (222 11/29 Prath FL):(333 11/21 Huffaker)  
 4890 0150 R. Centenila del Sur, an unusual ID at this hour "Domingo, 17 de noviembre, las 8 con 52 minutos, Radio Centenila del Sur" (333 11/18 Huffaker)  
 4911 0403\* Emisora Gran Colombia, beisbol game, must have been local teams as anncr did not mention team names. Off mid-sentence 0403 and did not return. No ID (fr 11/10 Palmer WA):0355, basketball game (444 11/12 Huffaker)+1  
 4920 0410 R. Quito, in parallel w/Em. Gran Colombia on 4911 (444 11/12 Huffaker) 0028 (343 11/6 Gerstner NY):(333 11/17 Abbinante IL):(343 11/19 Hevern NY)  
 4960 \*1040 R. Federacion, ?lang, NA, ID (333 11/6 Huffaker)  
 5015 0307\* Esc. Radiofonicas, party mx, off after full ID and NA (333 11/17 Huffaker)  
 5040 0230\* LV del Upano, long, complete ID, orch. mx, another long ID, "Song of Joy" on later than usual? (they usually sign-off around 0200 jc)(gd 11/21 Thunberg PA):2336 (433 11/10 Orr FL):(444 11/18 Hunt NC)+1  
 5055 1003 R. Jesus del Gran Poder, relg px, much mx, into "Santa Maria" prayers. ID @1059 (343 12/3 Stone WA):2357 (333 11/7 Huffaker)  
 5055 2320 R. Catolica, instr. mx, ID "Radio Catolica de Ecuador", interview and mx px. ute QRM (333 11/7 Gerstner NY):5057 (434 11/21 Bishop NY):(444 11/18 Hunt NC)  
 5063 0333 R. Nacional Progreso, YL DJ w/romantic ballads, slipped in a quick ID @0343 (333 11/13 Huffaker)

HCJB

6230 0643 EE, this is a nf, //9870, ex-6095, w/usual high-level of programs (ex 11/18 Sheedy CA):0200 EE (434 11/24 Soomre MA) plus 35 other HCJB logs cut due to lack of space. Check last month for details. No room to start Falklands here. I can tell right now Neth. Antillies and US logs will be cut right now. I only have 2 pages left!



FALKLAND IS...FIBS

3958 0319 EE, pop mx, amnts (131 11/9 Orr FL):0515, sig gone by 0630 (222 11/29 Evans TN)

FRENCH GUIANA

5055 0853 RFO, FF, open carrier until 0900, electronic IS, "La Marseillaise" @0901, ID "Ici Cayenne, RFO Guyane", into pop mx (353 11/10 Orr FL)

R. France Relay: 6065, 0316-0445 in EE; 9800 0155 (FF), 0415-0445 (EE)...reported by Cadorette, Bingham, Brown, Neff and Schmutz

GALAPAGOS IS...LV de Galapagos

4810 0104 SS, dedications & relig mx, UTC-7 TCs (322 11/13 Huffaker MX)

GREENLAND...Kalaallit Nunaata R.

3999 0027, tent. tuned in on request from Gary Stone to check lang. This one is apparently audible only for 10-15 min. or so on either side of grey line passage and I caught it 20 min. after grey line. Mostly mx hrd, and so weak could not tell if US pops or what. Gary later played tape of what he hrd over phone to me. Lang was definitely not Danish, and the intonation sounded more like the Inuit dialects on CBCNQS, so assuming was local Inuit dialect. Gary says it's only audible here once every 2 weeks or so (wk 11/26 Palmer WA)

GUATEMALA

3300 0129 R. Cultural, EE, ID "We're good news stations TGN and TGNA, transmitting from Guatemala City, the heart of the Americas", "Radio Bible Class", into SS @0400 (11/24 Smallwood AL):0610 SS (444 11/8 Huffaker)+7  
 3325 0230 R. Maya de Barillas, tent ID, thot I hrd "Maya" twice, tx, Guat.-type mx. UTE QRM so bad this is inaudible in AM mode (222 12/5 Prath FL)  
 3360 0045 LV de Nahuala, local mx, into relig tx. No ute tonite (343 12/5 Prath FL)  
 3370 1205 R. Tezulutlan, tx w/mx backround, ID ment. of "Coban", //4835 (333 11/30 Prath FL)  
 3380 0135 R. Chortis, "R. Chortis Jocotan", into tx, local mx (343 12/5 Prath FL)  
 4825 2226 R. Mam, marimba mx, ID "TGMN, R. Mam, Cabrican, Guatemala", then freqs, and sked (343 11/9 Orr FL):2304, SS/lang (343 11/6 Huffaker)  
 4835 0133 R. Tezulutlan, ID, marimba mx (434 11/14 Huffaker)

GUYANA...Guyana BC, 5950 @1008, EE (252 11/16 Welch MA)HONDURAS

3249.6 0345 R. Luz y Vida, tx, Biblical prophecy w/many refs to US newspapers and magazines (322 11/29 Doherty NB):0400\* EE (232 11/11 D'Angelo PA)+4  
 4820 0303 LV Evangelica, ID "La Voz Evangelica, Honduras", TC, into organ mx (232 11/10 Schmutz NY):2245 (333 11/30 Prath FL)+3 // Huffaker MX)  
 6075 2124 LV del Junco, ID, starting 2nd px of the day, wx, nx, mx (242 11/6

MEXICO

5980 1854 XEJJ, band mx, ID (343 11/6 Huffaker)  
 6010 1514 R. Mil, horoscopes. The "Mil" refers to MW 1000khz (343 11/6 Huffaker)  
 6105 1457 Sus Panteras, "esta en sinfonia, esta en contacto con la estacion mas fuerte, XEQM, XEQM, las Panteras" (343 11/6 Huffaker)  
 6115 1421 R. 'U' de Sonora, international/Mexican nx, ID, class. mx. My first log of this one (343 11/6 Huffaker)  
 6145 0323 R. 'U' de San Luis Potosi, class. mx, full IDs (343 11/6 Huffaker)  
 6185 1444 R. Educacion, nx, ID @1454 (343 11/6 Huffaker)  
 9555 1318 La Hora Exacta, "La Hora Exacta- horas de la manana 7:18", time tone, promo, nx brief, TC every minute, QRM de unid AA sta. Mexican several hertz high of 9555 (211 12/8 Quaglieri NY):1900, using call letter ID (XEQK), seems to have dropped "La Hora Exacta" name (343 11/6 Huffaker)

NETHERLAND ANTILLIES...17 R. Netherland Relay and 10 TWR logs cut this month due to lack of space...see last month for details.

NICARAGUA

6015 0130 VONicaragua, EE, text of Ortega's UN speech, "Nicaragua Today", into SS @0200, anncd EE from 0100-0200 (422 12/1 Lehman MA):0435 EE (433 11/15 Zirkelbach CA)(444 12/1 Miller CA)(444 11/26 Brown IL)+3  
 6120 1231 R. Zinica, EE, ID, "Morning Seranade", US pops tunes (233 11/25 Yeager PA):1250 SS (444 11/21 Trotto FL)(343 11/24 Prath FL)

PARAGUAY...R. Nacional in SS, 9735 @2255 and 0937, reported by Abbinante and Orr

PERU

3230 0931 El Sol de Los Andes? I wish I could be sure of this one, faded up for a UTC-5 TC "...en Peru" (232 11/6 Huffaker)  
 4762 0636 R. Inca, px "Marvilia Musical", ID, Mayak spreading on the low side has blocking them (333 11/11 Huffaker)

PERU...continued

4790 2215 R. Atlantida, Andean mx, tx, hrd part of ID, hvy QRN (222 11/30 Prath FL)  
 4804 0250 R. Atlantida, nf, dedications, singing by children, had wondered who this was until hrd ID on the hour! (433 11/24 Forsgren WI):\*0900, also noted earlier s/off (232 11/6 Huffaker)(222 11/10 Doherty NB)(fr 11/22 Sheedy)  
 4810 1009 R. San Martin, sign-on, references to RSM (322 11/11 Huffaker)  
 4825 1006 LV de la Selva, s/son w/full ID (333 11/11 Huffaker)  
 4885 \*1100 R. Huancavlica, s/son w/NA & full ID (333 11/11 Huffaker)  
 4935 1053 R. Tropical, ads for Tarapoto & Moyabamba (11/11 Huffaker)  
 4950 \*1029 R. Madre de Dios, NA, full ID (343 11/20 Huffaker)  
 4965 1027 R. San Miguel, OA mx, ID (232 11/17 Huffaker)  
 4990 0937 R. Ancash, lively mx w/Andean lilt, ID (333 11/7 Huffaker)  
 4996 1048 R. Andina, tx, "R. Andina" ID (211 11/18 Stone WA)(333 11/6 Huffaker)  
 5010 1030 R. Eco, promo for a "gran marathon aqui en R. Eco" (333 11/6 Huffaker)  
 5032 1030 R. Los Andes, ID out of the mud, QRM de Sarawak s/son (131 11/17 Bair CA) (222 12/6 Quaglieri NY):\*0920 (343 11/27 Huffaker)  
 5040 1034 R. Libertad de Junin, nonstop OA mx, ID (232 11/17 Huffaker)  
 5045 1114 R. Rioja, wake-up mx, TC "las 6 de la manana y 20 minutos en la Radio Rioja" (333 11/20 Huffaker)  
 9486 2300 R. Tacna, ID over folklorica mx, into OA mx px (131 11/10 Forsgren WI)  
 9988 2315 Estacion 2000, saludos px w/young boy DJ, nice OA vocals, promos (121 11/16 Forsgren WI)

PIRATES cut this month.

SAN ANDRES IS.

2523h 0110 R. Morgan, per tip from Glenn Hauser. This is 2x1260, MW outlet a bit off-freq. Hrd 12/6 w/no ID, but definite IDs 12/7, not hrd since. Both nights had wild LA mx for the most part. No "formal" IDs, but plenty of "off-the-cuff" IDs hrd. Nice sig, considering the MW fundamental runs 1 kw, with deep, occasional fades. Possibly a once in a lifetime shot at a rare DX target! (fr 12/6,7 Cereghin MD)

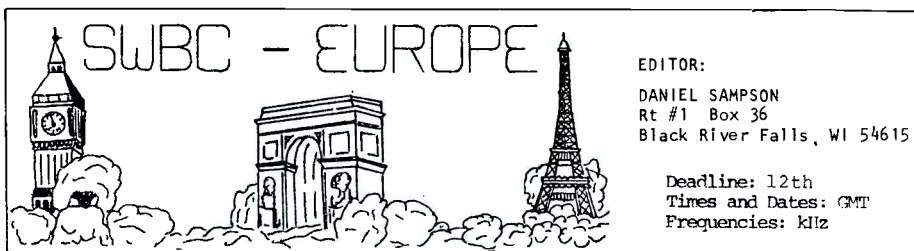
UNITED STATES...WHRI, World Harvest R. The following have been reported (all EE test xmsns): 5995, 1010-1118; 6155 0330-0506; 7355 1008; 9615 0230; 11780 2308; 11790 1315; 11865 2100; 15105 1510; 15355 1720-1805. Thanks to Welch, Dickerman, Jones, Cereghin Miller and Stuart. WMLK testing again on 15110 @1909 in EE on 11/22 by Lemke, plus 88 other US reports.

VENEZUELA...listed again due to lack of space

3225 0247 R. Occidente, (252 11/8 D'Angelo PA):1004 (343 11/6 Huffaker)+3  
 3255 0913 LV de El Tigre, (333 11/22 Huffaker)  
 3275 \*1000 R. Mara, (343 11/6 Huffaker)  
 3275 2350 R. Mundial Bolivar, (433 11/18 Hunt NC):0931 (211 11/30 Stone WA)+4  
 4780 0341 LV de Carabobo, (433 11/12 Bishop NY):0924 (433 11/7 Huffaker)+3  
 4830 0210 R. Tachira, (444 11/29 Prath FL):0907 (434 11/7 Huffaker)(444 11/11 Hunt)+1  
 4840 2225 R. Valera, (444 11/23 Prath FL):1025 (343 11/8 Huffaker)  
 4850 \*0902 R. Capital, (343 11/7 Huffaker):0020 (544 11/18 Hunt NC)  
 4930 2226 LV de la Fe, many IDs "La Voz de la Fe, La Cruz, Venezuela", 2244\* (454 11/8 Gerstner NY)(fine catch! jc)  
 4940 0402\* R. Yaracuy, (343 11/30 Falbo OR)(333 11/12 Dillon MD)+8  
 4970 0205 R. Rumbos, (444 11/22 Huffaker)  
 4980 0245 Ecos del Torbes, (353 11/19 Abbinante IL)(444 11/12 Dillon MD)+1  
 5020 1056 R. Nacional, (444 11/8 Huffaker)  
 6180 1215 R. Turismo, (222 11/28 Prath FL)  
 9660 2159 R. Rumbos, (333 11/29 Goodman IA)(544 11/18 Hunt NC)

I'm sorry my last column had to be like this, but with only 7 pages, there is only so much I can do. Before I go out, I want to thank each and every contributor who has supported my column over the 2½ years, but I'd like to give special thanks to some guys who have supported WH above and beyond the call of duty: Carl Huffaker, Dan Sheedy, Bob Palmer, Peter Dillon, Frank Bingham, and Mike Hardester, as well as Gary Stone. But everyone who contributed was special. I really hate to have to give up my column, it's like someone stuffing a sword into my gut, but I feel that I can no longer devote 100% of my effort editing. I will remain quite active in the club in other areas, especially writing and reporting, and in our local chapter program. Next month, Tom Sable takes over, and I ask ALL OF YOU TO GIVE TOM the same kind of fantastic support you've given me. Looking back on it all, I can truly say that the people who make up SPEEDX are the best there is, bar none. May the Lord richly bless each of you, and goodbye.

73's  
 John Cereghin



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Deadline: 12th  
 Times and Dates: GMT  
 Frequencies: kHz

Cheers to the new year 1986 and the hope there will be a greater understanding among the world's leaders and humankind. Last night (Dec. 13) I went out in freezing cold to look for Halley's Comet and I saw it for the very first time. It looked like a cottonball among the stars in Constellation of Pisces. You can be sure I will look for it a few more times while it's visible from this far north.

- ALBANIA** Radio Tirana  
 7065 2204 EE; tlk abt 5-yr plan, wld nx, disaster in Columbia, tlk abt Communist newspapers in Canada & Spain, ballads, march mx (333 11/18 Bingham-MA)  
 7080 0630 EE; mx, ID, cultural nx, Gov't expresses condolences to the Columbian people on the volcano (333 11/16 Brown-IL)  
 9375t 1515 GG; YL tlk indigenous inst'l mx, 1527 NA, IS trumpets for sev. minutes (333 11/19 Zirkelbach-CA)  
 9430 2220 SS; tlk by OM of NA, mx selections, ment of Soviets, IS @ 235? (554 11/24 Miller-CA)  
 9480.0 1837 EE; tlk abt upcoming Geneva summit, ID @ 1840 (211 11/17 Stone-WA)  
 2215 EE; tlk abt U.S. involvement in CAM (444 11/24 Prath-FL)(D'Angelo-PA)  
 9485 2202 EE; nx, condemnation of both US & USSR, ID, Socialist aspect of Albanian art, // 7065 (232 11/17 Dillon-MD)  
 9500 1408 EE; ID, report of communications, mx, NA (232 11/30 Brown-IL)  
 9760 0020 EE; mx, comtry, freq reminder (332 11/22 Lemke-Alberta)
- AUSTRIA** Radio Austria International  
 6000 0130 EE; Rpt from Austria, nx, QRM from R. Moscow (433 11/21 Bishop-NY)  
 0438 EE; tlk abt urban renewal in Vienna, Vienna Waltz (433 11/9 Bingham-MA)  
 6155 \*0630 EE; ID, wld nx, Profile of Austria, Post Box 700, // 6000, 5945 & 15410 (353 11/11 Neuerth-GO)(Brewer-AR)(Bingham-MA)  
 12015 1522 EE; piano mx by Frederick Martin, ID in FF (333 11/23 Brown-IL)  
 15320 0033 EE; apparel business, Vienna museum, wld nx headlines (433 11/8 Neff-OH)  
 1230 EE; Profile on St. Leopold III, Post Box 700 (444 11/11 Fraser-MA)
- BELGIUM** Belgische Radio en Televisie  
 5895 2210 EE; cultural tlk, pop mx, QRM (322 11/9 Prath-FL)(Bingham-MA)  
 5905 2200 EE; Brussels Calling, to Europe, // 5895 (222 12/3 Zilmer-NM)  
 9880 0802 EE; Belgium Today, tlk abt Belgium organization which helps disabled or imprisoned people further education, ID (333 11/6 Bingham-MA)  
 11590 1300 EE; book fair in Antwerp, St. Joseph is patron saint for both Belgium & Canada (555 11/11 Robinson-TN)  
 15590 1310 EE; nx, Gov't decision, no commercial ads on BRT, new TV station (555 11/23 Goleman-MA)(Trotto-FL)(Abbinante-IL)(Brown-IL)
- BULGARIA** Radio Sofia  
 6070 2315 EE; pver CFRX, DX pgm, Bulg. folk mx, ID (fr 11/20 Sheedy-CA)  
 \*1930 EE; nx, hvy QRM (231 11/9 Welch-MA)(Prath-FL)(Bingham-MA)  
 7115 0410 EE; ID, comtry on Geneva Summit, mailbag, CW QRM (423 11/22 Kustra-AZ)  
 11720 0100 Bulgarian; IS, "Govorry Sofia," nx, // 6070 (333 12/6 Prath-FL)
- Radio Moscow relay  
 7115 0312 Plovdiv EE; nx, comtry by Vladimir Posner, CW QRM (322 11/9 Berrri-CA) (Dillon-MD)(Sheedy-CA)  
 7215 0130 Sofia EE; Outlook, praise for USSR agriculture, co-channel QRM via V. of Turkey in Turkish (333 11/7 Dillon-MD)  
 15135 1425 Plovdiv EE; Rpt on U.S. violations of diplomatic immunity (454 11/17 Fraser-MA)
- CZECHOSLOVAKIA** Radio Prague  
 5930 0308 EE; nx of Bogota, Colombia volcano, tlk on Star Wars & weapons in space (333 11/16 Abbinante-IL)(Goodman-IA)(Robinson-TN)(Coleman-MA)

6055 1810 GG; contry w/ OM & YL ancrs (252 11/9 Welch-MA)  
 2345 EE; nx read by M. Gorbachev-Reagan meeting (343 11/21 Fraser-MA)  
 7345 0120 EE; summary of Nxpaper article on superior economy of communist  
 countries (343 11/13 Goodman-IA)  
 9505 1145 EE; contry on US-USSR summit, mx (433 11/23 Wimmers-VA)  
 9605 1730 EE; nx, current affairs, features, sked (232 11/20 Zilmer-NM)  
 11990 1530 EE; march mx, nx, tlk abt Geneva summit, American warships not welcome  
 in New Zealand (222 11/18 Bingham-MA)(Palmer-WA)  
 13715nf 1439 EE; nx, Budapest Conf., ID, contry on Geneva summit, // 17705, 21505,  
 SSB QRM (333 11/19 Trotto-FL)(Zilmer-NM)  
 15110 1734 EE; Prague, country & wld nx, fading (232 11/2 Doherty-N. Brunswick)

DENMARK Radio Denmark  
 11965 1200 Danish; Danish/EE ID, IS, nx (333 11/14 Soomre-MA) Note: DD is the  
 abbreviation for Dutch not Danish.

FINLAND Radio Finland  
 11945 1400 EE; shutdown of Finland's pulp wood industry, Helsinki Calling (544  
 11/22 Hunt-NC)(Brown-IL)(Neff-OH)(Bingham-MA)(Sampson-WI)  
 15400 1401 EE; Compass North, nx, tlk on Stockholm Conf., 1425 end of pgm (433  
 11/9 Brown-IL)(Hunt-NC)(Abbinante-IL)(Coleman-MA)

FRANCE Radio France International  
 6045 2027 FF; ID by YL followed by inst mx, QRM VOA (232 11/9 Welch-MA)  
 6150 1838 FF; EZL mx, intros by YL, ID @ 1845 (353 11/9 Welch-MA)  
 7135 0325 EE; nx (323 12/7 Luxon-IL)(Sampson-WI)(Brown-IL)  
 9535 2206 FP; wld nx, ID by correspondent, to Latin Am. (333 11/8 Dillon-MD)  
 9790 2141 FF; nx, outbreak of rabies near Paris (333 11/12 Doherty-N. Brunswick)  
 11705 1640 EE; Look at this week in Africa, tlk to singer-actress, Paris Calling  
 Africa (444 11/30 Bingham-MA)  
 11800 0718 FF; lively FF pop mx, 0755\* (443 12/8 Luxon-IL)  
 11930 1600 EE; Paris Calling Afr, nx of Colombian volcano disaster, reader w/  
 Scottish accent (232 11/16 Goodman-IA)(Luxon-IL)  
 15194.2 2133 FF; jazz pgm by trumpeter Dizzy Gillespie & others, nx @ 2200 (444  
 12/8 Emerson-OR)  
 15310 1532 FF; OM & YL tlk, IDs, no mx (333 11/26 Thompson-CA)  
 17620 1430 FF; mx, nx pgm w/brief interview w/Coco Chanel, // 17720, 15300, 15315,  
 15365, 15435 & 15440 (444 11/28 White-FL)  
 1625 EE; Paris Calling Afr, nx, 10-yr sentence in Rainbow Warrior case, This  
 Mornings Press, S. African police kill 13 (433 11/22 Zirkelbach-CA)  
 (Brown-IL)(Abbinante-IL)(Goodman-IA)(Bingham-MA)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International  
 6125 2320 EE; nx, article abt Geneva Conf, ID, more nx (433 11/28 Thim-CT)  
 2155 EE; DX Club, 2200 sports (555 11/25 Ruhe-PA)(Bingham-MA)  
 15240 1550 EE; YL w/pgm abt ME mx, ID & freq sked, to S.E. Asia (232 11/9 Berri-CA  
 (Hunt-NC)(Gerstner-NY)  
 21540 1405 EE; Rpt on India's VP visit to the GDR, ID (344 11/9 Gerstner-NY)

GERMAN FEDERAL REPUBLIC Deutsche Welle  
 3995 0135 GG; EZL mx, 0200 IS, ID, freq, nx (333 11/11 Morin-Ont.)(White-FL)  
 5960 0459 EE; ID, nx, follow up of the summit, Focus (444 11/23 Brown-IL)  
 6035 0245 EE; to Asia, times, freqs, 0250\* (333 12/5 Prath-FL)  
 6040 0100 EE; to NAM, nx, OM & YL (11/13 Keenan-IA)  
 6075 1752 GG; class mx, 1755 ID by YL, IS (252 11/9 Welch-MA)  
 6085 0100 EE; Microphone on Europe (433 11/12 Hawk-VA)(Hunt-NC)(Berri-CA)  
 6120 0500 EE; nx, Review of W. German papers, Spotlight (545 11/30 Miller-CA)  
 9545 2305 SS; nx, rpt abt the World Cup soccer tournament, // 6145 (444 11/24  
 Prath-FL)  
 9650 1400 GG; IS, freq, ID, current affairs, nx, tlk on Sec. of State Shultz  
 (343 11/13 Abbinante-IL)  
 15135 1525 EE; Africa svce, Review of German Press, 1550\* (433 11/28 Thim-CT)  
 (Dillon-MD)(Bingham-MA)  
 15275 1901 GG; OM w/nx of African continent, ID, FRG nx (fr 11/10 Palmer-WA)

GREAT BRITAIN British Broadcasting Corporation  
 3955 0347 EE; OM, financial nx of the day (333 11/22 Hevern-NY)(Hesch-NY)  
 (Hunt-NC)(Morin-Ontario)  
 5975 0159 EE; TC, ID, wld nx, Review of British Press (333 11/13 Dillon-MD)  
 7320 2000 EE; IS, TP, TC, wld nx, 24 Hours, jazz requests, to Eur/Africa (444  
 11/23 Morin-Ontario)

7325 0100 EE; ID, wld nx summary, Play of the Week-The Secret Agent Part 1 (433 11/24 Dillon-MD)

9410 1504 EE; R. Newsreel, uses this transmitter as a propagation indicator for paths to Europe-not often hrd recently! (fr 11/6 Palmer-WA)

9570 0245 EE; jazz call, Nxdesk, Press Review, 0330\* (gd 11/9 Koehler-IL)

9825 0325 lang; IS, Africa svce s/on at 0329 w/African nx (434 11/26 White-FL)

11680 1655 FF/AA; OM w/FF & Arab mx, Big Ben, wld nx & correspondence reports (222 11/27 Sharpe-CA)

11755 1650 EE; Saturday Special, sx, Club soccer games, wld nx, Mandella goes back to prison, Khomeni names successor (555 11/23 Brown-IL)

12115 2310 EE; contry, TC, Merchant Navy Pgm (544 11/7 Neff-OH)

15070 1700 EE; YL, nx, Highlands in Canada, Meridian (433 11/12 Valentine-CA) (Bingham-MA)(Fraser-MA)(Thompson-CA)

17790 1440 EE; Album Time, Radio Nxeel, QSB (352 11/23 Chickerell-WV)

Radio Canada International relay

9590 1538 EE; nx, wx, sports (222 11/30 Zilmer-NM)

Voice of America relay

6040 0333 EE; late breaking nx, Daybreak Africa, Rpt on economic situation in the Eastern Caribbean countries (444 11/23 Brown-IL)(Welch-MA)

6060 1825 Hungarian; OM ancr, 1830 IS, return to pgm (252 11/9 Welch-MA)

7170 0229 EE; ID, 0230 end of b/c (333 11/14 Brown-IL)

11865 1600 1600 Latvian, 1630 Estonian, 1700 Lithuanian; ID each half hour, each b/c began w/latest wld nx, no jammers evident (fr 11/13 Palmer-WA)

GREECE Voice of Greece

7430 0132 EE; ID, wld & regional nx, Greek mx, // 9420 & 9905 (342 11/22 Lemke-Alberta)(Valentine-CA)

9420 2125 Greek; vocals w/Greek folk mx, YL ancr, ID by OM, TC, 2150\* (343 11/19 Abbinante-IL)(Palmer-WA)

9905 0005 Greek; YL w/wld nx, tlk of Greek Prime Minister, Greek folk mx (353 11/12 Abbinante-IL)

11645 1540 EE; nx, Schultz to Moscow Arms negotiations, OM in Greek @ 1548, 1550\* (232 11/1 Coday-CA)(Hunt-NC)(Brown-IL)(Palmer-WA)

15630 \*1540 EE; Greece nx, 1550\* (444 11/11 Ruhe-PA)(Brown-IL)(Bingham-MA)

17565 1537 EE; Greek pop mx, tlk abt EEC ministers meet in Luxembourg (433 11/11 Bingham-MA)(Brown-IL)

Voice of America relay

6015 2105 AA; nx, OM (343 11/11 Welch-MA)

ICELAND Iceland State Broadcasting Service

13797 1227 Icelandic; Conversation between 2 OMs, tlk, correspondence reports, brief silence @ 1247 as antenna direction changed, mx (242 11/9 Dillon-MD)

ITALY

6205 2027 Adventist Wld R. EE; ID, asked for 2 IRCs for reception reports, Lifestyles, rel mx & bible readings (252 11/11 D'Angelo-PA)

7175 0514 Radiodue II; Conversation between 2 YLs w/ occasional EZL mx, @ 0530 5 pips pause then 6th pip, OM w/nx (232 11/24 D'Angelo-PA)

Radiotelevisione Italiana

5990 0100 EE; nx by YL, recent plane hijacking, Country mx (444 11/26 Fraser-MA)

9575 0100 EE; Italian nx, song closing pgm @ 0120 (555 11/14 Ruhe-PA)(Brown-IL)

17780 1656 II; bird chirp IS, bell chimes @ 1700, ID, wld nx (333 11/19 Abbinante-IL)

LUXEMBOURG Radio Luxembourg

6090 0000 EE; nx, American pop tunes (533 11/1 Hunt-NC)(Dillon-MD)(Bingham-MA)

MALTA

6110 2020 IBRA R. EE; food for life & relievers voice for victory pgms, mailing address (454 11/5 Gerstner-NY)(D'Angelo-PA)

6110 2231 R. Mediterranean EE; Stauss Waltz, YL w/ID, OM w/nx (222 11/3 Cadorette-MA)(Bingham-MA)

MONACO Trans World Radio-Monte Carlo

7160 0732 EE; Back to the Bible, bible study course available, mx, free calendar offer (333 11/5 Bingham-MA)

NETHERLANDS Radio Netherlands

6020 0130 EE; RWS on 6020 when RN came on @ 0130, What a Mess! (411 11/16 Wimmers-VA)(Bingham-MA)



9540 1733 EE; YL w/nx, ID, Newsline, bombings (333 11/16 Neff-OH)  
 13770 1430 EE; nx, Newsline, Media Network, // 15565 (353 11/21 Zilmer-NM)(Bingham)  
 15315 0100 DD; nx w/OM, mx (545 11/6 Ruhe-PA)  
 15560 1430 EE; ID, Johnathon Marks from "wintry Holland," nx, Newsline, rpt on King Hussan & Israel (233 11/28 Brown-IL)(Bingham-MA)  
 15565 1430 EE; nx, Newsline, Media Network, @ 1513 switched to 15560 to 1525\*, // 11735 & 13770 (343 11/21 Zilmer-NM)

NORWAY Radio Norway International

7235 0358 Norwegian; IS, ID in EE/Norw., nx, QRM France 7235 (323 11/23 Soomre-MA)  
 9605.0 0021 EE; mx pgm w/YL & accordian mx, ID @ 0030 (322 11/25 Stone-WA)  
 9615 1625 EE; Norway Today, Listener's corner, QRM DW (322 11/17 Lemke-Alberta)  
 11850 1722 EE; shortage of codfish for Xmas, tlk (444 11/31 Woering-MA)(Brewer-KB)  
 15305 1400 EE; nx, spies in Norway, Post Office boycott of S. Africa, listener's corner questions on natural gas, office hours (454 11/17 Brown-IL)  
 15310 1400 EE; Listener's Corner, Norway's Xmas tree to Britain & life in mid-winter (454 11/17 Fraser-MA)

POLAND Radio Polonia

7270 0633 EE; nx, contry abt working & living conditions in Poland improving, tlk abt folk art, class violins (444 11/13 Bingham-MA)  
 9540 \*1600 EE; ID, nx, Panorama, work cooperatives, 40th Anniv of Women's League, Bach organ competition, 1629\* (232 11/26 Lehman-MA)(Brown-IL)

PORTUGAL Radio Portugal

6095 0045 EE; Woman w/Port. Geography notes, ID, sked, sandwiched between RHC on 6100 & 6090! (fr 11/21 Sheedy-CA)(Neff-OH)(Robinson-TN)(Berri-CA)  
 9565 0232 PP; OM, YL, Port. mx, to E. & C. NAM (fr 11/9 Palmer-WA)  
 9745nf?2227 PP; // 9600, soccer coverage to 2255, sked to Brazil, NAM & Africa, ID @ 2300 (vy gd 11/20 Sheedy-CA)  
 11910 1928 PP; YL, Port. trad & folk mx, very enjoyable, to Africa, enjoyed this particular b/c since 1956 on a regular basis (gd 11/8 Palmer-WA)  
 15250 1802 EE; ID, nx, tlk abt Pres candidates in Port. preparing for campaign, tourism in Port. (333 11/20 Bingham-MA)

Adventist World Radio

9670 0900 EE; weekly tlk on giving, World DX nx, summary of MW DX conditions (343 11/24 Gerstner-NY)

Radio Free Europe

15355 2125 GG; economic situation of Germany in '20s, jamming (312 11/28 Doherty-/Czech; nx pgm w/some U.S. songs, nx @ 1500, ID @ 1500 Radio /N.Brunns.) Svobodna Europa (243 11/16 Gerstner-NY)

ROMANIA Radio Bucharest

5990 \*2037 PP; IS, 2130 into PP b/c (353 11/16 Welch-MA)  
 9690 1500 EE; freq, time sked, nx, // 11940 (333 11/27 Zilmer-NM)(Prath-FL)  
 11940 1310 EE; Eur svce, Rom. folk mx, tlk abt trade unions & E. Eur chemical industry (444 11/30 Prath-FL)(Dillon-MD)

SOVIET UNION Sites from the UHN Newsletter and Radio Database International

9490 1343 MIRO-4 Ulyanovsk ERSFSR:RR; pgm of mx of the homeland, YL ancr, "Govorit Moskva" @ 1355, RM IS @ 1356 then sev IDs, Piar transmission to Arctic Ocean area (fr 11/6 Palmer-WA)  
 9490 2229 Mayak Nikolayev Ukrainian:RR; IS, ID by YL, nx (343 11/24 Prath-FL)  
 12070 1400 R. Rodina Lvov Ukrainian:RR; IS, "Govorit Radiostantzia Rodina," nx (333 11/30 Prath-FL)  
 15495 1300 Radiostansiya Atlantika RR; nx of Armenia, OM vocal-contemporary mx (545 11/10 Robinson-TN)

Radio Kiev

5905 0045 EE; Ukraine Today, tlk abt Anniv of the Oct. Revolution, Nx in Brief, into RSP&P @ 0100 PP? (433 11/7 Dillon-MD)(Robinson-TN)  
 5980 2200 Riazan ERSFSR:Ukrainian: IS, ID, nx, // 7150 (333 12/1 Soomre-MA)  
 7205 0030 Lvov: EE; Rpt on Geneva meeting, Mx of the Ukraine (353 11/25 Fraser-MA)

Radio Vilnius

5905 2302 EE; wld nx, nx abt Lithuania, Musical Panorama, 2330 Mayak IS, R. Rodina ID (433 11/28 Morin-Ontario)(Thim-CT)(Woering-MA)  
 11860 2316 EE; YL w/Lith. farming tlk, Letters from Listeners, mx, 2329\* (333 11/11 Coday-CA)

Radio Moscow Known sites only as I'm limited to five pages this month.

5910 2347 Simferopol Ukrainian: EE; Concert in Moscow, taxes in the USSR (333 12/1 Brown-IL)  
 5980 0045 Riazan: EE; ignorance of Americans, Tonight (322 11/6 Dillon-MD)

6020 0115 Kiev Ukrainian: EE; anti-Star Wars comtry, U.S. Defense Budget (333 11/7 Dillon-MD)

7150 0245 Lvov: EE; Nam svce, tlk abt popular black American authors in the Soviet Union (444 12/7 Luxon-IL)(Dillon-MD)(Neff-OH)

7290 0125 Moscow ERSFSR: EE; praise for USSR economy, ARO QRM (433 11/6 Dillon-MD)

7360 2100 Krasnodar ERSFSR: GG; nx, Americans this year have less to give thanks for (333 11/29 Doherty-N. Brunswick)

9490 0044 Nikolayev: SS; tlk abt Nicaragua w/interviews (444 11/14 Dillon-MD)

9760 1740 Ivano-Frankovsk Ukrainian: FF; Stardust played on violin w/full orch, ID, tlk, IS 1758, mx (gd 11/9 Palmer-WA)

11745 1300 Minsk Byelorussian: EE; nx, Soviet Way of Life (333 11/28 Prath-FL)

11850 1325 Riazan: EE; Soviet Way of Life, pop mx (fr 11/11 Thunberg-PA)

11900 1230 Lvov: EE; nx in brief, political tlk (333 11/10 Prath-FL)

13705 1400 Nikolayev: EE; Nx & Views @ 1410, Folkbox (555 11/30 Soomre-MA)

15585 1334 Lvov: EE; Audio Book Club (242 11/17 Dillon-MD)

SPAIN Radio Exterior de España

0512 EE; Int'l & nat nx, 10th Ann of Franco's death (343 Hevern-NY)

9630 2150 SS; telephone call, nx headlines @ 2200, pop mx (433 11/8 Dillon-MD)

0008 EE; OM w/int'l nx, ID @ 0008 (333 12/4 Stone-WA)(Woering-MA)(Ruhe-PA)(Bingham-MA)(Brown-IL)(Goodman-IA)(Fraser-MA)(Cadorette-MA)(Bishop-NY)(Neff-OH)(Neuverth-CO)(Stephenson-CA)(Dillon-MD)

15375 1830 EE; Summit Outcome, undeveloped places abundant w/wildlife (433 11/20 Zirkelbach-CA)

SWEDEN Radio Sweden International

6045nr?2315 EE; Weekday, tlk on early Scandinavian explorers (233 11/22 Gerstner-NY)

9695 1405 EE; wx nx abt snowstorm, political rpt, // 15345 (353 12/8 Quagliieri-NY)(Hunt-NC)(Trotto-FL)

9710 \*1830 EE; IS, ID, nx, wiped out by Moscow @ 1835 (222 11/15 Trotto-FL)

15340 1400 EE; battle between Finnish & Swedish lang, stamp corner (545 11/4 Robinson-TN)

15345 1409 EE; temp in Sweden given, tlk of refugees in Nordic nations (353 11/13 Abbinante-IL)(Hunt-NC)(Neff-OH)(Brown-IL)(Bingham-MA)

21555SSB1340 Swedish; discussion betw YL & OM (333 11/12 White-FL)

SWITZERLAND Swiss Radio International

3985 0733 EE; nx, tlk abt Mid-East peace tlks, Dateline, Swiss mx, U.N. Int'l Childrens Fund (322 11/6 Bingham-MA)

5965 0058 II/SS; // 9885, closing w/II into SS to Lam, tight squeeze betw REE & RCI (pr 11/24 Sheedy-CA)

6165 0734 EE; nx, Gorbachev on Star Wars, Dateline, Jordan & Syrian tlks, World Cup soccer (323 11/14 Brown-IL)(Bingham-MA)

6190 2240 EE; Dateline (444 11/5 Ruhe-PA)(Bingham-MA)

9725 0159 EE; Alpine mx, nx, Argentinian trial (322 11/11 Brown-IL)

9870 1349 EE; tlk abt AIDS plague in Africa, Dateline, Swiss in danger of losing position as 1 of wlds financial centers (444 11/6 Bingham-MA)(Gerstner)

9885 0215 EE; QSL Mailbag, explained what a noise blaker is (222 12/7 Luxon-IL)

1532 EE; nx, comtry on Colombia, PLO (333 11/8 Coday-CA)(D'Angelo-PA)

1818 AA; tlk, AA mx, ID @ 1830 (343 11/29 Goodman-IA)(Thompson-CA)

2102 EE; int'l nx, rpt on new Zurich airport (333 11/10 Hevern-NY)(Bingham)

11935 1550 EE; DX pgm, into FF @ 1600 (222 11/16 Goodman-IA)(Bingham-MA)

12030 1302 EE; wld nx, Columbia, terrorism (433 11/8 Neff-OH)(Brown-IL)

12035 1130 FF/Swed; polka, clarinet solo, nx of Punjab State in India (555 11/14 Robinson-TN)

15570 1348 EE; Swiss SW Merry-Go-Round (343 11/9 Soomre-MA)(Prath-FL)(Brown-IL)

VATICAN CITY STATE Vatican Radio

6015 0053 EE; comtry abt Fr. Titus-died in Cachu (433 11/4 Cadorette-MA)(Ruhe-PA)

6190 1940 Latin; Rosary, Num (342 11/9 Welch-MA)

6250 1920 GG; IS, ID, nx, QRM (fr 11/12 Thunberg-PA)

9605 0050 EE; IS, ID, A Many Splendid Thing, // 6015 & 11845 (344 11/12 Kustra-AZ)

9640 1445 EE; ID, mailbag pgm, 1455 ID & s/off (443 11/24 Trotto-FL)

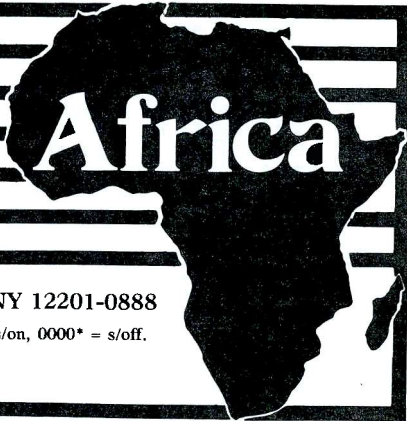
9645 2050 EE; rel nx, comtry on Pope John Pauls audience (343 11/20 Zilmer-NM)

11810 1545 EE; Afr svce, Sean McCarthy read the nx (544 11/23 Kustra-AZ)

15120 1440 FF/EE; tlk, IS 1445, drums, OM EE ID, nx to 1445 (443 11/22 Thompson-CA)

YUGOSLAVIA Radio Yugoslavia

9620 2215 EE; wld nx, mentioned nuclear arms missile race between U.S. & Russia, pgm on Nat'l Parks (544 11/2 Hunt-NC)



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

*Submission Deadline is the 12th.*

Happy 1986 to all! Now's the time to dismantle that Christmas tree and be rid of that flashing-light QRN for another year!

The past month seemed pretty mediocre for DX purposes, at least from this QTH, but it seems quite a few of you did OK nonetheless as evidenced by your loggings. I continue to be impressed with the quantity and quality of African loggings from the western half of the country, and with the quality of the latest contributions as a whole.

So much for the good news, now for the bad: space limitations have forced me to axe South Africa from this month's column (and to abbreviate some commonly-heard loggings as well), a decision made doubly distressing by that country's current prominence in world events. For now, let it suffice to say that SABC seems to be heard best in North America at 2100 on 9585/11900, at 0200 on 6010 and 9615, and at 0300 on 4990kHz.

Now I'd like to bounce an idea off of you....it's been my understanding that, when using SIO or SINPO code for assessing a station's performance, the overall merit ("O") cannot logically be higher than the lowest previous number...i.e. in a situation where, say, sig strength was a 4 and interference a 3, then the overall merit could be no higher than 3; thus, reports such as SIO 434 would not be possible, strictly speaking! Doesn't that seem logical to you? Or am I just plain off my rocker?

Finally, here's one more New Year's Resolution for you: "I will support SPEEDX by faithfully sending my loggings in each and every month." Signed, (your name here).

LOGGINGS FOR JANUARY, 1986

ALGERIA

9685 \*2000 R. Algiers: EE; Nx & pop mx program, ID "Radio Algiers Channel Four". 344(11-28 Gerstner-NY)

ANGOLA

- 4940 0414 ER da Huila(t): PP; jazz-type mx; unstable xmtr, clear references to Angola but no IDs. 333(11-24 Sharp-FL). [I believe this is Huila..they seem to wander up to 4948.5, audio distorted by a low-freq whine, and they run the allnite sce "R. Madrugada"-ed.]
- 4953v 0356 R. Nacional: PP; mx to TS 0400, OM local nx, YL ID @0403 "De Luanda, transmite R. Nacional de Angola en programa..?..". 333(12-12 ed.). @ 0610 lcl mx, record got stuck & repeated for over 20 minutes; occ ments Angola but no ID. 343(11-17 Sharp-FL)
- 5043.5 0512 ER de Benguela: PP; OM lcl nx, many ments Benguela, taped promo, electronic sound & ID @0517. 232(12-6 ed.). @0428 nothing but tlk by soft-spoken YL; narrow filter necessary for USSR QRM 5041. 333(11-24 Sharp-FL)
- 5405.2 0521 ER do Namibe(t):PP; Afro mx, brief anmt OM, more mx; gone by 0530. |FL) QRM de RTTY. poor(12-6 ed.)
- 7193a 0450 ER do Lobito: SS/PP; close of SS pgm "Vanguardia" (possibly for Cubans in Angola), 3X IS, TC @0500, wx, mni ment Lobito, lcl nx w/electronic "zap" breaks, mx to 0515, ID 0531. fair(11-21 Sheedy-CA)
- 9535 2100 R. Nacional: EE; mx by Vangelis, ID "...int'l sce of R. Nacional de Angola, RNA...", nx headlines. 333(11-25 Morin-OH). @2000 PP nx OM, 2003 multi-lang ID, into SS @2005, EE @2104 w/OM nx, afro mx. 322(12-2 ed.)

[Note: Traces of other regionals in hr around 0530: 4772.1 (Lunda Norte), 4970(Cabinda), and 5061.9(Huambo). Next month's column will have more info on Angolan broadcasting, and your monitoring reports will help considerably.-ed.]

ASCENSION ISLAND

6005 1959 BBC Relay: EE; ID of Ascension, World Nx. 342(12-2 Welch-MA) [MA]  
 6075 0000 BBC Relay: EE; Nx, Summit special. QRM Deutsche Welle. 332(11-19 Welch-  
 7105 0415 BBC Relay: EE; 433(11-17 Zirkelbach). @0615--534(11-16 Brown-IL)  
 7160 0433 BBC Relay: EE; Shortwave Show, book report.544(12-3 Brown-IL)  
 9600 0445 BBC Relay: EE; Financial news. 544(11-19 Brown-IL)  
 11750 0317 BBC Relay: EE; discussion Turkish gvt/politics. 444(11-20 Brown-IL) [JPN]  
 11860 0700 BBC Relay: EE; Nx, 24 Hours, African nx. QRM de VOFC. 353(11-23 Shimada-  
 15105 1847 BBC Relay: FF; Waf mx to 1900, then EE By Radio. fair(11-30 Palmer-WA)  
 15260 2240 BBC Relay: EE; Reflections, ID, Sports Roundup. 434(12-1 Blair-CA)  
 21660 1437 BBC Relay: EE; Album Time, Radio Newsreel. 344(11-9 Gerstner-NY)

BENIN

4870 2240 ORTB Cotonou: FF; drama pgm to Waf mx @2247, anmt in Vernacular @2259,  
 OM in FF w/s/off anmts, NA 2302\*. good(11-21 Palmer-WA). @2115 hilife  
 mx, ID & nx @2124, more mx. 343(11-25 Gerstner-NY)  
 4870 0603 ORTB Cotonou: FF; OM tlc, probably nx, several ments Cotonou. 343(12-4  
 Sharp-FL)

BOTSWANA

3356 0350 R. Botswana: Sets/EE; IS to 0359, NA, clear anmts by OM in Sets/EE, in-  
 cluding SW/FM freqs; in clr using LSB. 444(11-16 Sharp-FL)  
 4820 0340 R. Botswana: Sets/EE; Barnyard IS, NA @0358, OM ID/freqs @0400, foll  
 by OM w/religious tlc in EE.//7255. 434(11-10 Berri-CA). @0344 cow-  
 bell & farm animals IS. 444(11-27 Bishop-NY). @0350 IS, s/on, YL w/pgm  
 info, Sets nx. 333(11-16 Sharpe-CA). @0355 ditto 433(11-27 Hunt-NC). @  
 0410 OM in EE w/freqs, native mx. 333(11-26 Valentine-CA)  
 7255 0400 R. Botswana: Sets; farm IS, ID, tlc OM, mx by children. 444(11-14 Soomre  
 -MA). @0359 likewise 242(11-12 Goodman-IA)

BURKINA-FASO

4815 2125 RT du Burkina: FF; childrens' concert, ID & nx @2200, more kiddie concert.  
 343(11-26 Gerstner-NY). 2250 American pop mx. 443(11-27 Bishop-NY)

BURUNDI

3300 0350 LV de la Revolution: Vern; lcl tribal mx, OM DJ on the hour w/clr mention  
 of "Bujumbura", into nx; tribal mx resumed @0412. At times better than  
 TGNA! 111(11-24 Forsgren-WI)

CAMEROON

4850 2235 R. Cameroon, Yaounde: FF/EE; hilife mx, OM ancr to 2258, then EE nx by OM  
 foll by same nx in FF to 2308; then more mx. good(11-8 Palmer-WA). @  
 2108 w/EE nx, ID @ 2110 as Nat'l Sce of R. Cameroon. 242(11-23 Welch-MA)  
 5010 0550 R. Garoua: FF/vern; solid w/lcl chants & drums, nice listening. 433(12-  
 4 Sharp-FL). @0315 w/ mx "We Are the World". 433(11-1 Hunt-NC)  
 5010 2012 R. Garoua: FF; conversation abt traditions of mountain people. 211(11-13  
 Doherty-NB)[Welcome to the column, J.C.-ed.]. @2257 mx to FF nx @2259,  
 different OM in FF, then Qu'ran recitations. fair(11-22 Palmer-WA)  
 9745 2158 R. Cameroon, Yaounde: FF; IS, into chimes & NA, OM nx & tlc. Lo-mod audio  
 and co-channel splatter. 232(11-12 Abbinante-IL).[Looks like they gave  
 up on 9355 and/or 10055kHz-ed.]

CANARY ISLANDS

15365 0103 R. Exterior de Espana: SS; world nx, REE ID, "Noticias y analisis". Tar-  
 get of b/c is Latin America. 333(11-14 Dillon-MD)

CENTRAL AFRICAN REPUBLIC

5034 2024 R. Centrafrique: FF; tlc abt development of natural resources of Central  
 Africa; ID as "Radio Centrafrique". 211(11-13 Doherty-NB)

CHAD

4904.5 0559 RN Tchadienne: FF; hilife mx to past 0600, no ID, nearly wiped out by UTE  
 which appeared @0603. 333(11-23 Sharp-FL)  
 5282v 0648 R. Mondou(t): FF; vy weak, w/OM tlc and some local mx, but just too weak  
 for ID. 122(11-20 Sharp-FL)

COMOROS

3331 0339 R. Comoro: Comorian (presumed); brief OM tlc & flute mx, into brief  
 Qu'ran recitations. NOTE: technicians from Deutsche Welle recently in-  
 stalled a new 20kw xmtr at Rwanda (3300kHz), so double check on your  
 IDs hr. poor(11-24 Sharp-FL).[I'd say presence of that 1 kHz het would  
 help as a clue.-ed.]

## EGYPT

- 6175 0035 R. Cairo: AA; Qur'an reading, 0100 OM nx. QRM BBC also on 6175. 332 (11-19 Welch-MA). [Sked 0030-0330 hr, but may have moved, as not a trace noted @0050 on 12-13 hr.-ed.]
- 9475 2133 R. Cairo: AA; AA mx, ID "Itha'atu gumhuriyyah misr al-'Arabiyyah min al-Qahirah" [That's easy for you to say.-ed.] 343(11-17 Dillon-MD). @2135 AA mx w/OM ancr giving info on selections. 333(11-19 Abbinante-IL). @ 2326 in EE w/Mideast mx, YL ancr, more mx. 433(11-9 Neff-OH)
- 9675 0310 R. Cairo: EE; furniture-making in Egypt, chimes @0315, ID, nx.//9475. 444(11-12 Trotto-FL)
- 9805 2115 R. Cairo: EE; ID, nx, mx abt Egyptian art. 342(11-08 Gerstner-NY). @2215 interview w/visitor to Egypt, sports. 433(11-26 Lehman-MA). @2222 pgm "The Holy Qur'an and its Meaning". [Just realized I've been misplacing the apostrophe in Qur'an!-ed.] 333(11-8 Dillon-MD). @1840 w/YL & OM in possibly Italian. vy weak(11-8 Palmer-WA)
- 9850 1625 R. Cairo: AA; Qur'an recitation to OM ancr @1627. Good(11-9 Palmer-WA)
- 12050 1910 R. Cairo: AA; YL w/wide array of mx, then into nonstop tk. 232(11-12 Abbinante-IL). @2012 ID "Min al-Qahirah". 343(11-17 Dillon-MD)
- 17670 1359 R. Cairo: AA; ID, world nx, AA mx, call to prayer. 333(11-9 Dillon-MD)
- 17675 1300 R. Cairo: EE; Arabic-By-Radio lesson #102. fr-gd(11-20 Thunberg-PA) [Cairo new in EE 1600-1645 on 17785 (Brokmeier/SCDX/DXLD). VO Libyan People xmits from Egypt in AA @0400 & 1800 on 11975.(Echevarria-NY/DXLD #2)]

## EQUATORIAL GUINEA

- 5005 2037 RN Bata: SS; early fade-in w/hilife mx, OM tk, UTE QRM. 243(11-22 Sharp -FL). @2143 lively Afro mx, ID @2200, NA & off 2203\*. fair(11-20 Thunberg-PA). @2120 uninterrupted mx, YL ID @2125. 222(11-29 Schmautz-NY). @2200 hilife/pop mx, ID, NA, 2202\*. RTTY QRM. poor(11-20 Cereghin-MD)
- 6250 2140 RN Malabo: SS; YL w/pgm of top-notch hilife, s/off w/"Viva de la Rep. Guinea Ecuatorial" & long NA. 443(11-10 Forsgren-WI)
- 15106 1835 RN Bata: FF; OM tk on Zimbabwe, Washington, Reagan, then OM w/ID, OM tk about Int'l Boxing Federation. 353(11-12 Abbinante-IL)

## ETHIOPIA

- 7110 0328 VO Revolutionary Ethiopia: Amharic; new IS (orchestral) to TPs @0330, NA, OM ID, Qur'an to 0356, OM tk, 6 chimes @0400, yet another IS, OM ID & nx. 343(12-1 ed.)
- 9560 1448 VO Revolutionary Ethiopia: EE; chanting mx, then EE @1500, brief nx, weak and most unreadable but definite IDs. 211(12-4 Stone-WA)/ @1502 weakly w/ID by OM, Afro vocal mx. poor(11-27 Thunberg-PA). @1504 mx "survey" pgm, OM/YL host US pop mx (big deal), nx @1535. 333(11-30 Norcross-CA)

## GABON

- 4810 2140 Africa #1: FF; YL ID, tk OM/YL. 242(11-8 Goodman-IA). @2154 solid hour continuous mx, not one anmt. 343(11-12 Dillon-MD)
- 4810 0515 Africa #1: FF; explosive disco mx [hope your rcvr wasn't damaged-ed], OM w/ID @0521, YL tk, ads. 343(11-17 Abbinante-IL). @0518 mx/DJ combo. 444(11-20 Brown-IL). @0525 Afro mx, Marlboro ad, ID. 444(11-14 Sharpe-CA). @0545 OM ancr, lcl mx, abruptly off air mid-song. 433(11-7 Zirkelbach-CA). @0600 OM nx & Afro pop mx. 444(11-22 Valentine-CA)
- 11705 1635 R. France International Relay: EE; Paris Clg Africa, into FF @1654; entire PCAfrica sked in EE followed, then in FF, off @1657\*. poor(11-8
- 15200 1348 Africa #1: FF; mx by Wham, YL DJ. Exc sig. 434(11-20 Abb.-IL). [Palmer-WA] @0615 FF tk, lite mx, only sig hrd on band. 253(11-29 Rocker-MS)
- 15475 1745 Africa #1: FF; OM/YL w/ID & Afro mx pgm. 544(11-25 Valentine-CA). Also hrd thru 2300 by: (Atkins-WA), (Brown-IL), (Lemke-AB), (Goodman-IA), (Palmer -WA), (Zirkelbach-CA). [Next issue will name only those who didn't hear ANO-ed.]

## GHANA

- 3366 2142 GBC: EE; classical mx, requests played, also featured funeral notices (shades of the old R. Free Grenada!)[which deserved its own obit-ed.] good(11-20 Cereghin-MD). @2219 Country mx, ID as Radio 2, nx @2245. 232 11-10(Gerstner-NY). @2247 nx, mx, religious stuff 2258, s/off stuff @ 2303, off 2304\*. 353(11-22 Muzyka-NY). @0538 hilife mx, OM ancr, clear ID & nx from YL @0600. vy weak(Palmer-WA)
- 4915 0500 GBC: EE; OM ID "This is the Ghana Broadcasting Corporation", mostly-lcl nx. 333(11-21 Bingham-MA). @0600 YL nx, winning lottery #s, drums. 432 11-16 Zirkelbach-CA). @0605 African nx, lottery #s. 333(11-24 Sharpe-CA). @0605 nx about police actions in Accra. 454(11-23Sharp-FL). @0700 w/ID & nx abt Egyptian skyjack. 242(11-25 Abbinante-IL)



GHANA (continued)

4915 2238 GBC: EE; classical guitar mx, OM ID, TC "10:15"(ancr misread clock, as Ghana is GMT), nx in EE, religious observance in vernaculars @2255. good(11-6 Palmer-WA). @2255 YL DJ & hilife mx. 222(11-24 Atkins-WA).

GUINEA-BISSAU

5474.5 0630 RD Nacional: PP; continuous xylophone mx/vocs, tlk by OM, good if UTE takes a day off.[Has it ever happened?-ed]. 323(11-20 Sharp-FL)

IVORY COAST

7215 0600 RTV Ivoirienne: FF; station ID, nx. 333(11-3 Hawk-VA)

KENYA

[Per QSL to Rob Shepherd, here's the approximate VO Kenya sked: 0300-0600 on 7135 or 9635, 0600-1600 on 7220 or 9725, and 1600-1900 on 5985 or 11740 and also on 6000 or 11795.(Hauser/SWL Digest). VOK has been noted in Australia w/EE nx @0600, fade by 0700 on 11795.(11-8 Padula/DXLD #2)]

LIBERIA

3230 2138 ELWA: Unid/EE; religious pgm in unid lang, EE ID @2145. fair(11-24 Cere-  
 3255 3255 ELBC: EE; end lcl nx, TC, pop mx. The Chief Administrator for [ghin-MD) LBS was killed in recent coup attempt. 333(11-20 Sharp-FL)  
 3990 0320 VOA Relay: EE; Daybreak Africa. fair(11-18 Sheedy-CA). @0633 same w/ARO QRM. 222(11-19 Blair-CA)  
 4760 2140 ELWA: EE; "Unshackled" pgm, promo for kids' camp "Camp Luana", ID & nx @ 2200. 232(11-16 Forsgren-WI). same @2132 foll by VOA nx. 232(11-6 Dillon -MD). @2203 VOA nx. 221(11-27 Bishop-NY).@0637 rel pgm. fr(11-20 Sharp-  
 6035 \*0300 VOA Relay: EE; Yankee Doodle IS, OM ID/nx. good(11-13 Palmer-WA). @ [FL] 0400 w/nx, into PP @0429. 444(11-17 Zirkelbach-CA)  
 6045 2012 VOA Relay: EE; excerpts of Reagan's speech to USSR. 343(11-9 Welch-MA)  
 7280 1340 VOA Relay: EE; info about AIDS. 333(11-24 Goodman-IA). @0715 Daybreak Africa. 444(11-10 Brown-IL)  
 9605 2131 VOA Relay: FF; disco mx/OM DJ (VOA's answer to Africa #1?). fr(11-9 Palmer-WA). @2125 YL tking, hvy QRM. 211(11-30 Doherty-NB)  
 11715 1742 VOA Relay: PP; nx/commentary, sports. fair(11-8 Palmer-WA) [JPN)  
 15445 2230 VOA Relay: EE; Jazz Hour; FEBC dominates after 2300. 353(11-26 Shimada-  
 15600 1700 VOA Relay: EE; nx, "Voices of Africa". 444(11-17 Wimmers-VA)  
 17705 1855 VOA Relay: FF; jazz mx, nx on the hour. 244(11-30 Rocker-MS)  
 17870 1650 VOA Relay: EE; interview w/Charles Kuralt, feature on rock mx. 343(11-10 Brewer-KS). @1650 pgm abt African wind instruments. 333(11-10 Schmautz-  
 [NY]

LIBYA

7245 0132 R. Jamahiriyah: AA; chanting, ment of Jamahiriyah. 232(11-22 Cadorette-MA)  
 9890 2215 R. Jamahiriyah: AA; OM tlk abt Sudan in commentary. 344(11-12 Abbinante-  
 15415 1530 R. Jamahiriyah: AA; continuous camel mx, YL/OM tlk. 322(11-15 Abb.-IL) [IL]

MADAGASCAR

9505 1329 RN Relay: Dutch; IS, mx, ID, nx. In the clear. 454(12-8 ed.)  
 9540 \*1830 RN Relay: EE; pgm sked, nx, tlk Egypt-Libya tensions. 353(12-2 Bingham-MA). @\*2030 IS, ID, pgm sked. vy gd(11-22 Sheedy-CA). @2100 Media net-work re Laser 558, woodpecker project info. 333(11-14 Schmautz-NY)  
 9715 0810 RN Relay: EE; Dutch Diary re fake marriages; ID. 444(12-4 Brown-IL)  
 15570 1645 RN Relay: EE; Newline, African mx pgm, mx frm Tanzania. 333(11-18 Bingham  
 17605 1830 RN Relay: EE; ID, nx, Newline, Shortwave Feedback. 344(11-23 Brown-MA) [IL]

MALI

4782.9 2318 R. Mali: FF; French & Afro mx, ID "Nationale du Mali" by OM. good(11-8 Palmer-WA). @2155 chants w/whistles & flutes, ID "RTV du Mali". 222(11-29 Schmautz-NY). @2256 2 OM tlk, ID, NA & off 0001\*. 322(11-28 Evans-TN). @2322 Afro mx, YL IS as "R. Mali". 343(11-9 Yeager-PA). @ 2330 OM ancr, pop mx, ID, off 0001\*. 232(11-23 Atkins-WA). @0600 IS, NA, s/on anmts; QRM de WGY912. 423(11-30 Rocker-MS).  
 4834.7 2210 R. Mali: FF; cora mx, ID as "R. Nationale du Mali. 444(11-10 Forsgren-WI). @2318 tribal mx, OM ancr. good(11-8 Palmer-WA)  
 7285 0823 R. Mali: Vern; weird 2-string guitar & YL vocals (like "Yoko Ono visits Bamako"), then OM/YL talk, ment Bamako @0829, back to space mx. 454 (and //9635 was 333).(12-16 ed.)

[It seems no one from SPEEDX caught Mali on 3380, if it was ever there to begin with; now lo band freqs are first two mentioned above, in //-ed.]

MAURITANIA

4845 2116 RTV Mauritanie: AA; string music, then Qur'an reading @2130. 353(11-23 Welch-MA). @2358 AA talking, s/off w/NA @0000\*. 434(11-21 Bishop-NY). @2304 OM w/(news?), mx, then OM w/amnt in FF. fair(11-21 Palmer-WA). @0616 lcl guitar mx w/OM between/over mx. 444(11-20 Sharp-FL)

MAURITIUS

9709 1203 MBC: Hindi?; apparent nx by OM, clr mentions South Africa, quick ID as "MBC". possibly now up to 50kw. 333(11-21 Sharp-FL)

MOROCCO

15245 1900 VOA Relay: AA; nx, ID "Huna Washington".//17740 liberia. 423(11-30 Rocker 15335 1728 RTV Marocaine: AA; continuous AA mx w/OM vocals.333(11-28 Sharp-FL) [-MS] 17595 1440 RTV Marocaine: AA; cont AA mx w/large chorus. 333(11-25 Abbinante-IL) [RTVM AA b/casts now use VOA Tangier site. Sked: 1000-1100 15335, 1100-1400 17815, 1100-1700 15360, 1400-1700 17595, 1700-1900 17815, 17--2100 15330, 1900-0100 11920, 2100-0100 15105.(Jones/ADXN/DXLD #2)]

MOZAMBIQUE

3338 0315 R. Mocambique: PP; nice Eaf hilife tunes, ID as "Emissao Nacional",// to 3210, 4734, all poor. 222(11-13 Forsgren-WI)  
9618 1756 R. Mocambique: EE; marimba-like IS, YL PP ID, OM ID as "Radio Maputo", freqs, into EE nx. QRM de CBC 9625. 322(11-30 ed.) @1900 mucho QRM but clear EE ID foll by another LL ID. 211(11-26 Stone-WA).  
[Maputo is back on SW 3212 & 15296v(=daytime but vy noisy xmtr); maputo regional sce 9525 & occasional ES 1100 on 11818, ES 1800 on 3338, 9618; Beira-A on 6090 @0255-2205, B on 9638 @0255-2000. (Ginbey/Media Network/DXLD#2)]

NIGER

3260 0611 RTV Niger(t): FF; OM tkl, lots of local mx, under cochannel UTE, impossible to get clr copy, //5020 KO'ed by Albania. 222(11-23 Sharp-FL)

NIGERIA

4990 2110 R. Nigeria-Lagos: EE; nx, cmtry on auto emission agreement, interview pgm. 332(11-19 Gerstner-NY).@0641 OM tkl, ment Lagos, undermod carrier, only regional hrd here. 333(11-20 Sharp-FL)

6025 2110 R. Nigeria-Enugu: EE; pgm about children immunization, ID, mx request pgm; buried by Prague s/on @2125. 222(11-16 Forsgren-WI)

7255 0502 VO Nigeria: EE; ID, listeners' letters, lcl mx. 433(11-19 Brown-IL). @0608 in FF w/OM/YL nx, sports, mx. 433(11-14 Sharpe-CA). @0655 in FF, OM tkl about UNESCO and Nigeria. 545(11-22 Sharp-FL)

15120 2052 VO Nigeria: EE; OM tkl local politics, lo mod, blasted by VOA @2058. 322(11-21 Atkins-WA). @2125 events in Nigeria, world nx. 322(11-2 Hunt-NC). @2130 OM w/ID & nx, much of it about Nigeria. 222(11-16 Stone-WA)

[David Sharp theorizes that Lagos gvt has pulled the plug on the regional xmtrs, but Ray Forsgren reports hearing 4770, 5965, and 6195 recently. My understanding was that budget cuts were imminent & possibly enacted & that these cuts might affect regionals...I've not heard any of 'em lately, but conditions have been abysmal so let's not jump to conclusions.-ed.]

RWANDA

3300 0310 R. Rwandaise: FF/SWA; hilife, FF ballads, lcl tribal mx; nx in Swa @0330 w/mni ments Rwanda; IS of lcl harp, into vern @0400, fading badly by then; really struggling thru CHU..after an hour of this my ears HURT!

[surprised you didn't lose ur sanity-ed.] 111(11-23 Forsgren-WI)[nice!]

9735 1500 DW Relay: EE; world nx, Window on the World pgm. 232(11-18 Bair-CA); @1518 same pgm, W. German Press Review, Social Scene. 333(11-27 Sharpe-CA). @1540 commentary YL, Afro nx by OM, sked, ??lang @1549. fr(11/27 Thunberg

17800 1233 DW Relay: EE; Nx OM, pgm lineup, Newsline Cologne. 454(11-6 Bingham-PA) [MA]

SENEGAL

4890 0651 RTV Senegal: Vern; continuous tkl OM, stn seems to be nominal freq agn, though hrd on 4983 on 11-16. 544(11-20 Sharp-FL). @0715 in FF w/OM and ID, freqs. 433(11-14 Brown-IL). @2145 mx to OM ID/TC @2155, into a recorded speech @2201-2212. 353(11-29 Welch-MA). @2232 lotsa FF tkl, ment of Senegal, Afro mx. 434(11-12 Bishop-NY). @2252 upbeat Afro mx, OM ancr in FF, no ID given, even @2300, but definitely Dakar. fr-gd(11-9 palmer-WA). @2350 in FF w/AA mx, OM ancr, mention of Calcutta. 433(11-19 Hunt-NC)

SEYCHELLES

- 7160 2206 FEBA(t): Mandarin; YL tk, mx @2210 then tk by OM, no ID hrd & gone by 2225, lang fits FEBA sked. ARO QRM. 222(11-14 Dillon-MD)
- 9510 1730 FEBA: Unid; familiar IS caught my ear to 1733, then OM ID, YL tk in unid African language. poor(11-7 Palmer-WA)
- 9610 0313 FEBA: Unid; IS "What a Friend We Have in Jesus", then OM tk and reig mx @0315. 434(11-25 Sharp-FL)

SOMALIA

- 7200 0331 R. Mogadishu: Somali; noted w/distinct mx and OM tk, fair under co-chan VOA. fair(11-24 Sharp-FL). [It leaves air @2102, and 'tho buried under several others, carrier is off several Hz & you can tell when gone.-ed.]

SOUTH WEST AFRICA

- 3270 0356 R. SWA: GG/EE: Streisand mx & other US pops, ID in GG/EE @0400, then into Vern. 322(11-29 Doherty-NB).[U sure that was GG & not Afrikaans?-ed.]
- 3295 0116 R. SWA: Afk; lite mx & ballads by YL, nice. 222(11-4 Cadorette-MA). @0408 lite mx. 333(11-24 Sharp-FL). @0422 mx, then rel pgm. 322(11-29 Doherty -NB)

SUDAN

- 5039 0420 R. Omdurman: AA; solid AA vcls, fair recptn but terrible het w/USSR regional (Primorsk?)[prob Tblisi 5040-ed.] 323(11-24 Sharp-FL)

SWAZILAND

- 7295 0400 TWR: GG; IS, ID, opening insrt mx, organ mx, tk by OM. 343(11-19 Soomre-MA)

TANZANIA

- 4785 0442 R. Tanzania(t): Swa?; almost certain the one hrd, wk w/hilife mx, under vy strong R. Baku. poor(11-24 Sharp-FL)
- 9684 1805 R. Tanzania: EE; OM tk, brief mx to 1815 "Voice of Namibia" pgm, then @ 1845 "R. Freedom" ending @1900. 322(11-30 ed.). @1901 OM w/Afro & ME mx, ID @1907 "This nx comes to you from the ES of R. Tanzania, Dar Es Salaam", more nx, YL w/s/off amnts, NA & 1917\*. fair(11-30 Thunberg-PA)

TOGO

- 3222 2135 R. Togolaise(t): Unid; discussion between 2 OM on Islam, tent Kara ID @ 2144(fr 11/20 Cereghin-MD)
- 5047 2305 R. Togolaise: FF; OM w/anmt, rest all EZL mx; noted hr often w/vy wk mod. fair(11-6 Palmer-WA)

TUNISIA

- 7255 0616 R. Tunis: AA; cont OM tk, no ARO QRM tonite. 454(11-23 Sharp-FL)

ZAIRE

- 15245 2046 LV du Zaire(t): FF; undermod FF tk, some hilife, but vy wk & mixing w/ other stns; gone in subsequent rechecks. vy pr(11-22 Sharp-FL)

ZIMBABWE

- 3396 0356 VO Zimbabwe: EE; Church bell IS to 0400, then NA & YL ID "This is the Voice of Zimbabwe..." 333(11-24 Sharp-FL)[1st rpt hr in some time-ed.]

DX info credited to "DXLD" above is from Glenn Hauser's excellent new "DX Listening Digest", more info on P.12 of the December/85 bulletin.

Additions to the VOA Monrovia sked in last issue: 3990 @0300-0800, and 15600 from 0815-0845 M-F, and 1600-1830 daily.

Many Latin American stns, and to a lesser degree Africans, feature special programs and/or extended xmsn hours on national holidays. Prior knowledge of upcoming holidays can, at the very least, give you a clue as to what you're listening to, making for more accurate reports and maybe some elusive QSLs too. Listen for these: 1/12- Revolution Day (Zanzibar), 1/13 Liberation Day (Togo), 1/18 Nat'l Revolution Day(Tunisia), 1/20 Nat'l Heroes' Day (Cape Verde), 1/20 Armed Forces Day (Mali), 1/24 Sarakawa (Togo), 1/28 Democracy Day (Rwanda), 2/1 Confederal Agreement Day (Senegal), 2/3 Heroes' Day (Mozambique), 2/5 Chama Cha Mapinduzi Day (Zanzibar), 2/11 Youth Day (Camerone), 2/11 Armed Forces Day (Liberia).

Keep your ears open for any signs of R. Uganda; the country is embroiled in a bloody civil war, and you may have the chance to hear news in the making should they reactivate.

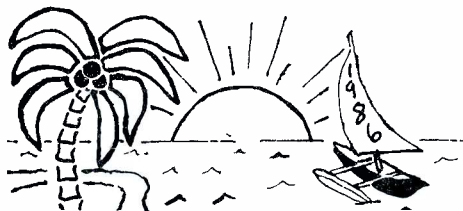
Thanks again to one and all for your excellent loggings. I'll be turning 36 about the time you read this, so make my birthday present a pile of juicy DX tips and contribute! Best listening 'til next month.....

*al*

# ASIA-OCEANIA

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DEADLINE: 12th of each month  
FREQUENCIES IN KILOHERTZ  
TIMES ARE IN GMT  
\*0000=sign on 0000\*=sign off

Many thanks to all of you who passed along Holiday greetings. I hope everyone has made it safely thru the holidays and is ready for a long winter of DXing. I will keep my comments short as I have been inundated with loggings this month. The P.R. of China alone includes 50 different frequencies (not 50 loggings-50 frequencies!). This first column of 1986 also marks the start of my third year as A/O editor and one of my resolutions is to make A/O one of the most informative and interesting columns in the SPEEDX bulletin.

BANGLADESH R. Bangladesh  
15525 1230 RB: EE: IS, ID by YL as "Overseas Svc"; wld nx by OM; 1240 f/out (343 11/5 Soomre-MA)

R. Bangladesh: EE @ 1830 on 6240 kHz. (Bjorn ?, SCDX 12/3) Was unable to catch this Swedish DXer's last name, but his first name was unmistakable-you see, Bjorn is also my middle name...RBT

CHINA (PEOPLE'S REPUBLIC) R. Beijing

3300t 1023 UNID Chinese regional: CC: piano mx w/anmths by OM; hvy QRN (pr 11/24 Welch-MA) Danish TBS lists FFS-2 here but w/1245 s/on...ed

4020 1425 RB: KK: YL w/political tlk, so harsh, I thought it was N. Korea! mx @ 1430; //4620, 5975 (pr 11/7 Palmer-WA)

4330 1355 FFS-1: CC: trad. CC mx; TPs & nx @ 1400; CW QRM (gd 11/7 Palmer-WA)

4380 1324 FFS-2: CC: trad. vcls w/YL ancr; //3535 (333 11/28 Thompson-CA)(Palmer)

4525t 1440 PPBS-Nei Menggu: CC: CC instl & vcl mx, YL ancr; RTTY QRM(422 Berri-CA)

4735t 1101 PBS-Urumqi: UIGHUR(?): OM nx (format:city/story); YL cnty @ 1105 (252 12/6 Quagliery-NY)

4850 1638 CPBS-2: CC: Taiwan Svc of CC mx & tlks; QRN (422 11/27 Miller-CA)

5030 1526 CPBS-Beijing: CC: CC & western mx; ID "zhongyang renmin guangbo diantai"; 1557\* (433 11/30 Sharpe-CA)

5040 0828 Fujian PBS-Fuzhou: CC: opera; TC & ID @ 0900, nx; seemed to be relaying CPBS-1 (fr 11/25 Palmer-WA) (Keenan-CA) WA

5125 1417 CPBS-Beijing: CC: YL w/recitation; theme mx @ 1430, then nx(11/8 Palmer-)

5170t 1135 FFS-2: CC: OM w/long political tlk (322 12/8 Quagliery-NY) @ 1007 CC: YL tlk; CC orch mx (151 11/10 Orr-FL)

5265 1003 FFS-1: CC: OM tlk; still there at 1047 re-check (222 11/10 Orr-FL)

5770 0948 FFS-2: CC: YL tlk, mx; 6 TPs @ 0959 then YL anmths (322 11/10 Orr-FL)

5880 1437 CPBS-Beijing: CC: CC mx; EE lesson; //5860, 6665, 6750 (325 13/2 Donegan-CA)

6015 1132 CPBS-Beijing: CC: Taiwan Svc og tlk & CC mx (353 11/16 Welch-MA)

6095 1021 CPBS-Beijing: CC: CC opera (353 11/23 Welch-MA) RDI lists xmtr site as Nanchang...ed

6493M 1618 RB: VV: beamed to SE Asia w/what sounded like Beijing's political line. CPBS-1 freq apparently freed for Foreign Svc use; Ute QRM (fr Palmer-WA)

6560 1100 RB: RR: IS, ID "Govorit Peking"; nx by YL (151 11/10 Orr-FL)

6665 1624 CPBS-1 Beijing: CC: CC folk mx on native instruments; trans-Pacific fading (fair 11/6 Palmer-WA) FL)

6750 1140 CPBS-1: CC: tlk by OM & YL-no mx; no ID hrd but //6665 (232 12/7 Prath-

6790 1628 CPBS-2: CC: trad CC mx; YL w/poss. sked @ 1630 (weak 11/6 Palmer-WA)

6890 0957 CPBS-2: CC: CC mx; 6 TPs, ID @0959, YL tlk (131 12/5 Orr-FL)(Hevern-NY)

6933 2214 RB: SS: OM & YL w/poss. intvw pgm; echoey sound, RTTY QRM (322 11/19

7035 1348 RB: UIGHUR(listed): poss. ID w/ment of Beijing; CC mx (434 Berri-CA)

7080 1526 RB: HINDI: wld nx w/correspondent's reports; s/off then s/on-xmsn in 30 min. segments (454 11/26 Sharpe-CA)

7250 2230 RB: CC: IS, ID, tlk by OM & YL (333 11/30 Soomre-MA)

7375 2113 RB-Xi'an: SS: OM w/cnty; oriental mx; anmt abt contest in New Year (211 11/29 Doherty-NB) @ 2240 SS: old tango tune; YL tkl (gd 11/5 Palmer-WA)

7480t 1220 RB: JJ: all OM tkl-no ID hrd but listed here in JJ (222 11/24 Prath-FL)

7504 0946 CPBS-1: CC: choral mx; anmts; ID @ 0955 (233 12/5 Orr-FL)

9085 1323 CPBS-1: CC: OM vcl w/EE lyrics; YL tkl (322 11/30 Thompson-CA)

9440 1030 RB: CAMBODIAN(listed): RB IS into OM tkl (151 11/10 Orr-FL)

9440 2300 V. of Democratic Kampuchea (via R. Beijing): LANG: tkl, local mx (343 11/21 Zilmer-NM)

9550 1400 RB: EE: nx, cmt, mx; //9730-these freqs were tests, RB now says they are permanent (444 11/18 Donegan-CA) @1700 RR:IS, ID, nx by OM; // 9600, 9465, 9820, 9945 (343 11/23 Soomre-MA)

9640 0410 RB: EE: nx, Listener's Letters (353 12/5 Donegan-CA)

9700 0830 RB: EE: nx, tkl on summit mtg & gymnastic meet (222 11/7 Bingham-MA)

9730 1400 RB: EE: intvw w/Americans (444 11/8 Robinson-TN) (353 11/24 D'Angelo-PA) (Prath-FL) CC lang lesson(444 11/20 Zirkebach-CA) "R. Beijing in the Third World" (333 11/13 Stone-WA)

9820 1215 RB: EE: Chinese archaeology; co-channel QRM de R. Moscow (433 11/17 Dil-lon-MD) @ 0015 EE: tkl on improved diet in PRC (333 Zirkebach-CA) "Lis-ten-er's Letterbox"(Lemke-ALB) History pgm (Jones-TX)(Donegan-CA) @ 2123 RR: cmt, ID (211 Doherty-NB)@235 CC(Miller-CA) SS @ 2335 (Prath-FL)

9920 2215 RB: PP(?): YL tkl, ID @ 2219 (151 12/6 Orr-FL)

9955 2315 RB: SS: OM w/ID & tkl (252 11/10 Orr-FL)

11755 0843 RB: EE: nx abt China; cmt on need for Hi-Tech (222 11/6 Donegan-CA)

11860 0401 RB: CC: cultural exchange; Listener's letters (545 12/6 Donegan-CA)

11945 0326 RB: CANTONESE: CC mx; tkl w/ment of Beijing & Taiwan(454 Berri-CA)

11980 \*0300 RB: nx, "Culture in China", 0355\*; //9640, 11860 (444 11/22 Falbo-OR) (353 12/6 Donegan-CA) @ 0035 EE (433 11/20 Brown-IL)

\*0000 RB: SS: "Acqui R. Pekin" into nx by YL & OM (gd 11/12 Palmer-WA) (333 11/29 Rocker-MS)

15100 0000 RB: SS: IDs, many ments of Cam & Bogota (444 11/28 Miller-CA)

15225 2321 RB: SS: OM tkl, ID; // 15100 (252 11/10 Orr-FL)

CYPRUS BBC Relay

6030 2137 BBC: EE: "EE By Radio": 2144\* (343 11/17 Welch-MA)

6120 1848 BBC: AA: tkl pgm w/OM & YL: "Huna London" (343 11/9 Welch-MA)

6180 2308 BBC: EE: cmt, ID "from the BBC E. Mediterranean relay..."(12/6 Orr-FL)

INDIA All India Radio WI)

9910 2045 ATR-Delhi: EE: nx, trad Indian mx, pgm preview; jammed (121 11/17 Sampson-FL)

11620 2141 ATR-Aligarh: EE: pgm of film mx, IDs & nx @ 2200 (151 12/6 Orr-FL)

15335t 1402 ATR-Aligarh (site per RDI..ed): LANG: Indian mx to 1455 f/out, no ID hrd; QRM de AFRTS on 15330 (343 11/27 Sampson-WI)

INDONESIA Radio Republik Indonesia

4607 1500 RRI-Serui: IN: as this stn uses SW outlet of RRI-Jakarta to relay its national nx, they tried but found hvy QRM, so they retuned rcvr & soon came back w/clear Jakarta relay while playing mx on the hr. I hrd opening mx of VOA & VOFC on QRMed relay nx, so I wonder which freq of RRI-Jakarta they tried at first..possibilities are 7270 or 9680? ID as "Inilah RRI Regional Dua, Serui" (242 11/23 Miyauchi-JP) see below for more info on Indo relays..ed

4607.3M 1412 RRI-Serui: IN: dreamy SE Asian ballads & love songs; OM tkl @ 1419; geo noise (gd 11/7 Palmer-WA)

11790 1530 V. of Indonesia: EE: lang pgm "Let's Speak Bahasa"; 1600\*; // 15150 (343 11/16 Bair-CA) @ 1615 GG: Indo pop mx; addr & nx by OM; YL w/pgm of trad gong chime mx (232 11/12 Sharpe-CA)

Satoshi Miyauchi-Japan checked a number of RRI stns at 1340-50 GMT on 24 Nov 85 as he was interested to know which stns use the RRI-Jakarta SW relay and which use satellite relay (distinguished by a slight delay). Possible satellite relays were found on 3215, 3344.8, 3986.3, 4845.3, 4874.8, 5044.8, & 5256.3, all from Nusantara 1, 4, & 5 key regional stns. Only two stns from Nusantara 2 (Java sites), 4607.3 & 4931.6, could be found using SW, so could we assume that all stns outside Java have satellite relay facilities?? (Any INDO DXers out there who could help Satoshi with this?..ed)

IRAN V. of the Islamic Republic of Iran

6080 1934 VOIRI: EE: Qur'an reading (in AA) followed by brief tkl on Qur'an; nx @ 1940; 1st time hrd on 49m-poor audio (342 no date Welch-MA)

9022 1930 VOIRI: EE: pgm sked, nx of Geneva summit & of Indonesian spy in court (333 11/21 Bingham-MA) chanting-type mx, ID (211 11/17 Stone-WA)

IRAQ R. Baghdad; Sawt ul Jamaheer

6050 0210 RB: AA: Qur'an; ID "min Baghdad"; //9635,9655, 11750 (545 11/10 Orr-FL)



9610 2135 RB: EE: Iraqi diplomatic nx; QRN (222 11/10 Sable-PA) battle results in war w/Iran (544 11/9 Hunt-NC) AA mx, cmty (343 11/8 Bingham-MA)

9630 1844 SuJ: AA: AA mx, TPs, ID "Al-Anba min Baghdad" (the nx from Baghdad); Europe stated as target; SuJ ID (433 11/11 Dillon-MD)

ISRAEL Kol Israel (NM)

5885nf 2230 KI: EE: nx "Let My People Go"; ex-5915, //9435, 7410 (333 12/3 Zilmer-5900 0200 KI: EE: nx, "TGIF" pgm (444 11/2 Ruhe-PA)

7410 0203 KI: EE: nx of Geneva summit (444 11/20 Bishop-NY) Travel pgm (544 11/18 Brown-IL) NAM sked; //9435 (555 11/9 Roberts-FL) also EE @ 2025 (Doherty-NB) @ 0106 (Goodman-IA) @ 0019 (Hesch-NY) & @ 0500 (Bingham-MA)

7412 0000 KI: EE: Knesset nx, intvw w/NY Rabbi (545 11/18 Robinson-TN) @ 2245 EE: cmty on Geneva summit; "Let My People Go" (444 11/12 Abbinante-IL)

7465.3 2058 KI: HH: lively mx; ID & TC @ 2100 into nx w/ment of Shimon Peres (232 11/9 Doherty-NB) band mx @ 2028 (555 11/24 Levison-PA)

9009 0500 KI: EE: TC (GMF & lcl); Israeli nx (454 11/13 Bingham-MA)(Roberts-FL)

9385 1855 KI Reshet Bet: HH: Home Svc pgm of Israeli folk mx, ads; TPs to ID, then nx by OM; also hrd 2300-2305\* (353 11/10 D'Angelo-PA) EE @ 1800: tlk on US policy toward PLO (333 11/19 Bingham-MA) //11585 (232 Zilmer-NM)

9435 0000 KI: EE: nx of hijacked Egyptian plane (544 11/25 Miller-CA) "Living Here" pgm (Bingham-MA) @ 0209 EE: "Monuments of Israel" (Brown-IL) @ 1940 HH: OM w/tlk on Mohammed (Abbinante-IL) @ 2210 FF:cmty on terrorism(Prath-FL)

11585 1801 KI: EE: lcl & economic nx (333 11/6 Bingham-MA)

12080 1705 KI: HH or YIDDISH: YL w/nx or cmty; ID "Kol Yisrael, Yerushalem"; bcast to E.Europe/W. Soviet Union (gd 11/12 Palmer-WA)

13405 0004 KI: EE: nx, wx, "Face to Face" (544 11/8 Neff-OH) new freq?..ed IL)

15615 1345 KI Reshet Bet: HH: pop mx incl "Telstar", ads ID & 1400\* (11/19 Abbinante-IL)

JAPAN Far East Network; R. Japan; Nihon SW Bcast

3910 0835 FEN: EE: Big Band mx (322 11/30 Thompson-CA)

5990nf \*1300 RJ: EE: wld nx, "Current Affairs", "Spectrum", "Tokyo Pop-In"; // 9605, 7250, ex-9505 (545 11/19 Neuverth-CO) into JJ @ 1400 (Donegan-CA)(Berri-CA) @ 1512 EE: "Asia Now" (433 11/28 Sharpe-CA) hrd past 1700 in JJ/EE (vy gd 11/17 Sheedy-CA) @ 0709 EE: travelogue on town near Nagasaki (fr 11/11 Palmer-WA) and @ 1115 EE (11/18 Jones-TX)

6055 1400 NSB: JJ: JJ pop mx, ads-some in EE; request for reports(12/8 Donegan-CA)

6155 1100 FEN: EE: C&W mx for one hr (343 11/9 Bair-CA) I take it from your comment, you're not a country mx fan Mason-Hi!..RBT

9605 1720 RJ: EE: YL w/requested JJ mx (433 11/18 Zirkelbach-CA) nx @1906 (Stone-WA)

9645 0200 RJ: EE: //15195, new freqs to NAM-both w/upscale QRM (443 12/4 Donegan-CA) (11 11/10 Bishop-NY)

11875 0150 RJ: JJ: YL & OM tlk; poor-had to use ECSS (121 11/22 Cadorette-MA)

15195 0215 RJ: EE: tlk on NHK's history; f/out after 10 min.(222 11/28 Miller-CA)

15300 0020 RJ: EE: nx, cmty for ECNA 0015-0115 (353 11/21 Donegan-CA) ID, nx from Tokyo (333 11/2 Addison-KS)

15420 \*2300 RJ: EE: wld nx, "DX Corner", "Japan As I See It"; signal deteriorates (343 to 151 11/3 Neuverth-CO) tlk on alcohol abuse (233 11/28 Rocker-MS) "Let's Learn JJ" (241 11/12 Lemke-ALB) (433 11/4 Donegan-CA) @ 2218 JJ: OM & YL tlk, ID @ 2230 (pr-fr 11/9 Palmer-WA)

17825 0135 RJ: EE: nx, cmty, mx to WCNA & SA m (454 11/21 Donegan-CA)

JORDAN Hashemite Kingdom Bcast Svc

9530 2025 HKBS-Amman: AA: Qur'al'an until 2056, then OM w/ment of "al-hashamiyya"; VOA s/on killed already weak signal (121 11/16 Forsgren-WI) nice one Ray and welcome to the SPEEDX staff! RBT

KAMPUCHEA V. of the People of Kampuchea

9695 0047 VOPK: EE: OM tlk-mostly unreadable but caught key parts of ID (211 11/25 Stone-WA)

KOREA (DEM. PEOPLE'S REP.) Korean Cent. Bcast Stn; R. Pyongyang

2850 1147 KCBS: KK: opera, impassioned tlk to 1200 TPs, ID & nx(?) by YL (fr 11/20 Thunberg-PA) @ 1455 KK: patriotic tlk & mx-Song of Kim Il Sung (song they always play (353 11/11 Sharpe-CA)

3015 1523 KCBS: KK: usual rev. mx; nx or tlk w/ment of S. Korean president (222 11/18 Sharpe-CA)

3150 1505 KCBS: KK: more rev. tlk & mx; strong sig then fading (11/10 Sharpe-CA)

6250 1605 RP: KK: KK orch mx to E. Asia; QSB (fair 11/6 Palmer-WA)

6400 2219 RP: KK: class mx pgm hrd under Ute (fr-gd 12/5 Thunberg-PA)

6600 0759 KCBS: KK: ID, nx, rev. mx; 0826\* (333 12/1 Sharpe-CA)

9350 1840 RP: SS: pol. tlk; OM w/ID @ 1847, anthem & 1849\* (weak 11/12 Palmer-WA)

9664 1730 KCBS: KK: rev mx, NA & 1800\* (333 11/24 Sharpe-CA)

9977 1740 RP: EE: tlk abt military; 1752\*(333 11/14 Zirkelbach-CA) SS @ 2303: IDs, class mx pgm to SA m (151 11/9 Orr-FL)

11654.9M 1810 RP: FF: KK mx, tlk segments didn't sound as biased as EE lang pgms; ID "Tci Pyongyang" @ 1833 (weak 11/8 Palmer-WA)  
11880 0043 RP: EE: nx & windy cmt; some good mx (453 11/16 Donegan-CA)  
13700 \*0000 RP: EE: nx; // 15150, 11880 (323 12/2 Falbo-OR)  
15150 0004 RP: EE: NA, ID, sked to Nam (333 11/29 Rocker-MS)

KOREA (REPUBLIC OF)

R. Korea

3985 1450 R. Echo of Hope: KK: KK mx, OM tlk, poss. ID @ 1452 (433 11/7 Berri-CA) @ 1515 KK: trad KK mx, YL tlk (222 11/29 Sharpe-CA) PA  
6480 2200 RK: EE: sked, nx by OM & YL; Ute & woodpecker QRM (pr-fr 12/5 Thunberg-)  
9750 1415 RK: EE: cmt; on Koreans living in USSR (444 11/20 Zirkelbach-CA) tlk on Seven Year Plan of N. Korea (444 11/21 Trotto-FL) KK mx, stamp pgm (545 11/24 Robinson-TN) (454 11/16 Donegan-CA)  
9870 \*1600 RK: EE: complete EE sked, nx; bcst to Europe (243 11/16 Bair-CA)  
11810 0255 RK: EE: cmt; on N. & S. Korean relations; 0300\* (222 11/15 Stephenson-CA) Deutsche Welle QRM (11/10 Bishop-NY) SS @ 0045 w/pop mx (Miller-CA)  
15575 2315 RK: EE: Korean/US relations, spts, mx (343 11/10 Brown-IL) @ 0256 EE: nx update; s/off (333 11/9 Stephenson-CA)

KUWAIT

R. Kuwait

11675 1900 RK: EE: tlk on oppression of Jews, Magazine pgm (333 11/18 Bingham-MA) rock mx, brief ID (222 11/26 Stone-WA) (444 11/9 Hunt-NC)  
15505 1430 RK: AA: radio drama w/crowd noise; TC, ID; exc signal (454 11/19 Abbinante-IL) AA mx (555 11/28 Ruhe-PA)

LAOS: Louang Prabang regional, new freq 6980; f/in around 1150; relays Vientiane nx @ 1200. Vientiane hrd on 6130; ext svc in EE on 7113 @ 1300. (V. Goonetilleke on Media Network 11/28)

LEBANON: R. V. of Lebanon hrd in AA @ 0300 on 6280; 12 kW (Media Network, 11/28)

MALAYSIA (EASTERN)

RTV Malaysia

4835 1445 RTM Kuching: MALAY: Malay pop vcsl; phone conversations w/listeners; RTY QRM (333 11/30 Sharpe-CA)  
4950 1440 RTM Kuching: EE: radio play on "Double Standards" pgm; relay of "UN Calling Asia" from NY (444 11/17 Kustra-AZ) @ 1540 EE: mx request pgm of Nam pops, names of requesters read (gd 11/6 Palmer-WA)

MALAYSIA (PENINSULAR)

7295t 1147 RTM Kuala Lumpur: LANG: CC opera mx; tlks by OM & YL; ARO QRM & gone by 1205 (323 11/16 Dillon-MD)  
9515 1540 RTM Kuala Lumpur: MALAY: pop vcsl; Qur'an & relig tlk; covered by BBC IS @ 1600 (322 11/28 Sharpe-CA)

NEPAL

R. Nepal

5005 1158 RN: NEPALI(?): tlk, vcsl w/strings & tabla; ID by OM @ 1204 into mx feature pgm (222 12/6 Quaglieri-NY)

R. Nepal hrd at 0015 on 5005, 7165. (V. Goonetilleke, Media Network, 11/28)

OMAN

BBC Relay

11955 0215 BBC: EE: "Radio Newsreel"; "Album Time"; TPs @ 0300 into wld nx (353 11/24 Shimada-JAPAN)

PAKISTAN

R. Pakistan

9465 1648 RP: EE: Pakistani mx, ID, TPs into nx; // 11810 (242 11/24 D'Angelo-PA) cmt; on China/India relations (333 11/20 Falbo-OR) nx & cmt; (342 11/21 Lemke-ALB) @ 1350 URDU(?) : lcl mx (243 12/1 Weikel-MI)

R. Pakistan: D-85 EE sked: 0230-0245 on 7315, 11965, 15115, 1100-1115 on 15605, 17660; 1600-1615 on 7365, 9885, 11675, 12005, 15515, 15595; 1645 on 9465, 11810. (Australian DX News via SWLD 12/16)

Azad Kashmir Radio on new 4790, ex-5990, 1200-1400. (V. Goonetilleke, Media Network 11/28)

PHILIPPINES

VOA Relay; Far East Bcast Co

9660 1540 VOA: CC: long tlk by OM; IS into EE @ 1600; hvy QRM (11/11 Palmer-WA)  
9670 1430 FEB: EE: nx, Bible Time for kids (333 11/23 Zilmer-NM)  
9715 1355 FEB: CC/EE: end of CC pgm, EE ID, IS & 1404\* (444 11/18 Bair-CA)  
9770 2339 VOA: EE: "VOA Friday Morning"; nx @ 0000 (233 11/21 Gerstner-NY)  
11850 1430 FEB: EE: nx, relig pgm (322 11/24 Zilmer-NM)  
15290 2333 VOA: EE: nx in special EE (333 11/28 Rocker-MS) (444 11/28 Miller-CA)  
15445 \*2300 FEB: EE: "Pacific Sunrise"; "Side Street" pgms (444 11/14 Zirkelbach-CA) "DX Dial"; Asian & wld nx; ex-15320 (454 11/23 Shimada-JP) "Nature Shows the Way" pgm (544 11/9 Kustra-AZ) (232 11/21 Zilmer-NM)

QATAR Qatar Broadcast Service  
9905 0351 QBS: AA: AA mx; 0400 TPs into nx (453 11/9 Orr-FL)  
15265 1416 QBS: AA: AA mx w/crowd noise; VOA QRM de 15270; ID @ 1430 (333 11/18 Abbinante-IL)

SAUDI ARABIA Bcast Svc of the Kingdom of Saudi Arabia  
9530 2035 BSKSA: AA: Qur'an; ID by OM @ 2046; VOA QRM @ 2057 (232 11/26 Orr-FL)  
9870 2100 BSKSA: AA: AA mx (444 11/25 Hunt-NC) more details please..ed  
15060 1335 BSKSA: AA: AA mx, OM tlk (243 12/1 Weikel-MI)  
BSKSA in EB at 1830 on 9720 (not 9705 as reported in Dec. 85 A/O). (SCDX 12/3)

SINGAPORE BBC Relay  
9740 1515 BBC: EE: episode #1 of "London Belongs to Me"-really dumb serial! (544 11/15 Thompson-CA) @ 1615 w/soccer match (444 11/16 Zirkelbach-CA)  
15345 2300 BBC: EE: wld nx to S.E. Asia; 0301\* (545 12/2 Miller-CA)  
15380 0203 BBC: EE: World Svc nx (242 11/29 Rocker-MS)

SRI LANKA Sri Lanka Bcast Corp; Adventist World Radio  
9720 1230 SLBC: EE: IS, ID, wld nx & cmt; 1241 f/out (333 11/15 Soomre-MA) @1435  
EE: "Back to God Hour"; nx @ 1500 into pop mx; "The World Tomorrow" @ 1530 (332 12/3 Lehman-MA) @ 1512 EE: lt pop mx; TPs & ID @ 1515, rock mx pgm from London; woodpecker QRM after 1545 (fr 11/20 Thunberg-PA)  
11835 1100 AWR: EE: "R. Monitor's Intl" w/tlk on VOA; lost in QRM @ 1110 (222 11/17 Yeager-PA)

SYRIA R. Damascus  
9565 2015 RD: EE: nx, pop mx (222 11/3 Ruhe-PA)  
12085 \*2005 RD: EE: nx Press Review, lcl mx; 2059\* (444 11/20 Falbo-OR) "Around the World in a Week" pgm (443 11/20 Lemke-ALB) rock mx, sked & 2106\* (222 11/11 Bingham-MA) "This is Damascus" pgm (454 11/17 Stone-WA) nx, s/offs anmts (11/24 Smallwood-AL)(Hunt-NC)(Miller-CA) AA @ 1920: nx, piano mx (Abbinante-IL) GG @ 1849 (Lemke-ALB)  
15325 1223 RD: EE: AA & EZL mx; nx by YL; 1302\* (333 11/10 Bingham-MA)  
Syria went to winter time as of 25 Nov, so EE from R. Damascus now sked @ 2100 on 7455 and 12085. (SWLD, 12/16)

TAIWAN V. of Free China; V. of Asia  
5980 1135 VOFC: EE: top 40 mx, ID after each song (243 11/9 Bair-CA) @ 0350 CC/EE: EE to CC lang lesson (333 11/21 Stephenson-CA)  
5980 1300 VOA: CC: YL tlk; good CC mx; EE can be hrd @ 1500 if no QRM de R. Moscow (252 11/21 Donegan-CA)

Again I must emphasize that if you hear VOFC with an extremely strong signal (especially in East. & Cent. Nam) you are probably hearing them thru the WYPR relay in Florida. Some of the relay freqs are 5985, 6065, & 9680, but there are others as well. These reports should be sent to the West. Hemisphere editor. Thank you..RBT

TURKEY V. of Turkey  
7215 2104 VOT: EE: nx, "Message From Turkey" (222 11/18 Bingham-MA) @ \*2300 EE: wld & lcl nx; "Letterbox"; CW beacon QRM (543 Hesch-NY)  
9560 \*0400 VOT: EE: Review of Turkish Press; tlk abt Turks living in Bulgaria (554 11/29 Prath-FL) EE @ 2325: "Letterbox" (433 11/20 Lemke-ALB) TURKISH @ 0335: Turk. mx, nx (333 11/20 Brown-IL) @ 0025 (Abbinante-IL)  
9660 1825 VOT: FF/TURKISH: trad Turk. vcl & orch mx; FF to 1830 (fr-gd 11/9 Palmer-WA) ID & sked @ 1759; R. Rumbos QRM (323 11/9 Orr-FL)

USSR (ASIAN) R. Moscow World Svc  
3995 1446 Khabarovskoe Radio ARSFSR: RR: Mayak (M2) relay of hokey RR lt cl & pop mx; IS, TC @ 1500, then OM w/nx (every ½ hr on Mayak) (pr-fr 11/8 Palmer-WA) pop & opera mx, IS; audible @ 1600 but fading (222 11/24 Sharpe-CA)  
4485 1006 Petropavlovsk-Kamchatskiy: RR: class mx, OM anmts (251 12/5 Orr-FL) tent @ 1450 RR: mx, IS then nx by OM (444 11/19 Zirkelbach-CA)  
4740t 0138 R. Afghanistan (UNID site-prob. Tashkent, Uzbek SSR): AA: Qur'an recitation; usually in PUSHTO or DARI (weak & fluttery 11/3 Palmer-WA) WA)  
4825 1445 Vladivostok ARSFSR: JJ: RMWS to E. Asia; tlk, some martial mx(pr Palmer-  
4920 2338 Yakutsk ARSFSR: YAKUT(?): not-often-hrd type of RR mx anncd by OM in a strange Korean or Mongolian-sounding lang, poss. lcl YAKUT dialect; @ 2345 hrd "Moskovska Vrenya" by YL into nx; to 2345 apparently a lcl produced pgm & past 2345 is MIRO-2 (good 11/23 Palmer-WA)  
4940 1448 Yakutsk ARSFSR: RR: cl mx to long pause @ 1449 then more mx; anthem @ 1502 then back on weaker @ 1504-same stn to different target area? (443 11/26 Thompson-CA) RR pop mx, usual "Moscow Nights" IS (11/15 Sharpe-CA) @ 1545 w/lt class mx; 1600\* w/no anmts (fr 11/6 Palmer-WA)

5015 1400 R. Stantsiya Okean-Vladivostok: RR; pres. nx on the hr(333 11/29 Rocker-  
5260 1139 Kazakh SSR: UNID (Danish TBS lists KAZAKH at this time..ed): mx by MS)  
YL "torch" singer; OM anmt, more mx; 1150 f/out (232 12/6 Quaglieri-NY)  
5900 0708 RMWS Unid site (Petro-Kam?..ed): Wld Svc nx in EE (444 11/16 Rocker-MS)  
5945 1340 R. Tashkent-Kirghiz SSR (per RDI): EE: cmt; on Geneva summit; 1356\* after  
anthe; s/on in Unid lang @ 1400(fr 11/23 Sheedy-CA)(332 Zilmer-NM)  
5985 1200 R. Tashkent-Uzbek SSR: EE: wld & Uzbek nx,cmt; tkl on life in Uzbekistan  
(242 11/11 Dillon-MD)end of nx @ 1210, ID; //9600 (232 12/7 Prath-FL)  
6020 0255 RMWS Khabarovsk: EE: nx; R. Nederland QRM (322 11/10 Doherty-NB)  
6070 0505 RMWS Khabarovsk: EE: wld nx; Qrm de 6065; //6150 (422 11/10 Berri-CA)  
6130 0102 RMWS Novosibirsk(?): EE: wld nx, propaganda (323 11/7 Dillon-MD)  
6155 1630 R. Stantsiya Atlantika Khabarovsk(?): RR: nx, correspondent's reports,  
RR pop mx (434 11/24 Sharpe-CA) RDI lists site as Nikolayevsk..ed  
7150 1925 RMWS Petropavlovsk(?): EE: "Newsreel", nuclear cmt; (gd 11/6 Palmer-WA)  
7170 1215 RMWS Krasnoyarsk ARSFSR: CC: YL tlk, RR pop mx; IS @ 1229(323 Dillon-MD)  
7260 0400 RMWS Yuzhno-Sakhalinsk: EE: IS, nx, "Outlook"; wanted this site for two  
yrs! (322 11/14 Soomre-MA) (444 11/10 Berri-CA)  
7300 1725 Khabarovsk ARSFSR: RR: M5 dom. svc w/Mayak mx filler to 1730 then spts  
pgm w/OM ancr; beamed to NE Asia & N. Pacific (gd 11/6 Palmer-WA)  
7345 1925 RMWS Komsomolsk(?): EE: "Newsreel"; nuke cmt; //7150 (gd 11/6 Palmer-WA)  
tlk abt Soviet Party; pop mx (444 11/27 Miller-CA)  
9510 1619 R. Peace & Progress-Vladivostok(?): CC: YL tlk, mx, ID as "Moh-soo-koh",  
IS & 1700\* (gd 11/7 Palmer-WA)  
9600 1218 R. Tashkent-Uzbek SSR: EE: intvw from Congress of writers in Uzbekistan;  
anncd //11785, 9540, 5945 (444 12/6 Quaglieri-NY) "Star Wars" tlk; intvw  
w/man in Uzbek (444 11/22 Robinson-TN) nx, pol. tlk (222 11/10 Prath-FL)  
9600 0144 Magadan ARSFSR: RR: lt RR pop mx; "Govorit Moskva" (343 11/25 Sharpe-CA)  
9810 1846 R. Peace & Progress-Khabarovsk(?): CC: OM & YL tlk; RP&P IS; jammed by  
USSR xmtr-prob. Euro. USSR directed against Israeli xmtr (fr Palmer-WA)  
9810 0331 Khabarovsk ARSFSR: MIRO-1 pgm of RR folk mx (fr-gd 11/5 Palmer-WA)  
11990 \*2300 R. Mayak-Vladivostok: RR: IS, TC, nx by OM; contrary to RDI, this is not  
Komsomolsk, but Vlad. acc. to URSC who also says this is same xmtr as  
7200. When they're using 7200, 11990 is silent & vice-versa (Palmer-WA)  
17655 1515 RMWS via Unid Far East site: EE: mx by young people; 1535 f/out (Dillon-MD)  
17785 1200 R. Tashkent: EE: wld & national nx; tkl on industry (343 11/5 Kustra-AZ)

UNITED ARAB EMIRATES

R. Dubai

9565 0340 RD: EE: tkl on Zionist colonization (444 11/27 Hunt-NC)  
9630 1757 RD: AA: AA mx; 1800 TPs into nx; QRM de RMWS (343 11/12 Welch-MA)  
11955 1614 RD: EE: Look at UAE newspapers; EZL mx, nx (343 11/18 Bingham-MA)  
15300 1612 RD: EE: UAE agriculture tlk, AA mx (322 12/3 Bingham-MA)  
15320 1300 RD: EE: "Mailbag"; DW QRM (434 11/30 Woering-MA)(Brown-IL)(Bingham-MA)  
17775 1334 RD: EE: nx, cmt; "Mailbag" (433 11/23 Brown-IL) wld nx, wx (433 11/23  
Dillon-MD) (Bingham-MA) @ 1300 AA: nx of Colombia & Arafat (Robinson-TN)  
21605 1343 RD: EE: review of newspapers; tkl on danger of pedestrians in traffic  
(444 11/12 White-FL) nx, "Zionism Unmasked" (454 11/19 Bingham-MA)

VIETNAM

V. of Vietnam

10040 2030 VOY: EE: national nx to 2039, some mx; Ute QRM & wavery signal (232 11/10  
Hevern-NY) @ 1800 EE: feature on Indian Pr. Min. visit (323 11/27 Sharpe-  
CA) @ 1600 EE: VV vcl mx; annual Vietnam Peace Festival (444 11/7 Zirkel-  
bach-CA) @ 1911 EE: reading listener letter (333 11/17 Stone-WA)  
10060 1128 VOY: VV: dom. svc w/YL tlk; oriental mx; //7420 (121 11/16 Dillon-MD)

YEMEN ARAB REPUBLIC

R. San'a

4853 2016 R. San'a: AA: vcl mx; YL anmts; Qur'an at 2104, march & 2111\* (232 11/24  
Welch-MA)

/OCEANIA/

ANTARCTICA

15473v 2305 R. Nacional Arcangel-LRA 36: SS: pgm of good tango mx; many IDs; 1st not-  
ed as het to Africa #1 (222 11/9 Forsgren-WI)

AUSTRALIA

R. Australia

4920 1115 VLM4 Brisbane: EE: pgm on Mae West-same pgm on VLR6 but one hr later (222  
11/9 Bair-CA)  
5995 1139 RA: EE: intvw w/Australian poet (353 11/16 Welch-MA)  
6060 1300 RA: EE: Intl Report on world hunger (555 11/16 Wimmers-VA) "Profile"(544  
12/1 Blair-CA) \*0800: "Talkback" (Hevern-NY)(Hunt-NC)(Brown-IL)(Welch-  
MA) (Robinson-TN) (Bingham-MA)  
6080 0815 RA: EE: report on Colombian volcano (444 11/16 Campbell-CT) @ 0942: NEO-  
MELANESIAN(?): pop mx w/OM ancr (353 11/9 Welch-MA)

Sorry, but I'll be brief w/the remainder of Australia-running out of space!

6150 1103 VLR6 Lyndhurst: EE:nx,spts(332 11/16 Welch-MA)(Hevern-NY)(Bair-CA)  
7205 \*1130 RA: EE: pop mx (545 11/11 Robinson-TN) wld nx (242 11/3 Fraser-MA)  
7215 1117 RA: EE: cricket scores(333 11/29 Thim-CT)(Miller-CA)(Orr-FL)  
9580 1712 RA: EE: tlk on 1st anniv of Bhopal disaster (333 12/8 Emerson-OR) "Talk-  
back" @1228 (11/16 Hesch-NY)(Addison-KS)(Ruhe-PA)(Bingham-MA)(Brown-IL)  
(Dillon-MD) (Robinson-TN)  
9610 1025 VLW9 Perth: EE: "PM" pgm (333 11/11 Brewer-KS)(Lemke-ALB)(Hunt-NC)  
9655 0828 RA: EE: cricket from Perth (343 11/30 Hevern-NY) wld nx (Trotto-FL)  
9660 0804 VLQ9 Brisbane: EE: wld & lcl nx (333 11/17 Brewer-AR)(Brown-IL)  
11910 0805 RA: EE: nx; // 11720 (222 12/7 Luxon-IL)  
12055 1300 RA: EE: "Intl Report" (333 11/8 Neff-OH) new freq?...ed  
15160 0310 RA: EE: "Talkback"(444 11/9 Stephenson-CA) (Zirkelbach-CA) (Blair-CA) @  
0700\* (333 11/10 Ruhe-PA)  
15320 2200 RA: EE: tlk of Geneva summit; C&W mx (444 11/19 Hunt-NC)  
15395 2111 RA: EE: YL tlk-almost inaudible (121 11/22 Doherty-NB)  
17795 0340 RA: EE: cmt, pop mx (444 11/16 Zirkelbach-CA)

COOK ISLANDS: R. Cook Islands has cut back xmsns to just 14 hrs per day with further cuts likely. (David Wickish(?)-NZ, TALKBACK, 12/8)

GUAM

15115 0800 KTWR: EE: "DX Listener's Log"; "Search for Truth"; 0830\*; this is new svc to Australia & N.Zealand (454 11/23 Shimada-JP)

MARIANA ISLANDS

KYOI; KFBS

9665 1725 KYOI: JJ/EE: rock mx, Hawaiian addr (434 12/1 Falbo-OR)(322 Lemke-ALB)  
9670 2129 KYOI: EE: request for \$10 annual pledge (322 11/16 Stone-WA) rock mx @  
2041 (332 11/14 Lemke-ALB) stn is having financial problems..ed  
11790 2200 KFBS: EE/IN: EE ID hrd after KCBI s/off "KFBS-Saipan, a member of the Intl radio network of the FEBC, signs on the air". Gave sked for pgms in IN & VV in 25 m.b. until 0000, then BURMESE & INDIAN dialects from 0000-0200 in 16 & 19m.b.; then into IN pgm to 2210 f/out (11/24 Smallwood-AL)  
15405 2215 KYOI: JJ/EE: request for \$10 contribution; 1st time hrd-hope they QSL. (444 11/20 Zirkelbach-CA) Yes Bob, they QSL but you better hurry-they may not be around much longer..RBT (Gerstner-NY) (Lemke-ALB)

NEW CALEDONIA

R. Noumea

7170 0711 RN: FF: nx, cmt; relig mx (222 Cadorette-MA) @ 0846 FF: 2 OMs discuss church participation; 0900 ID (434 11/14 Orr-FL) rock mx (454 Campbell-CT)

NEW ZEALAND

R. New Zealand Intl

9600 1046 RNZI: EE: 40's type mx; lcl nx @ 1100 (433 11/23 Zirkelbach-CA)  
15150 1738 RNZI: EE: all sorts of mx; TPs & TC @ 1800 for "7 o'clock" then nx; QRM de relig bcaster @ 1800-FEBC listed but pgmning similar to WINB (yes WINB uses this freq until 1955\*..ed) (gd 11/30 Palmer-WA) 2005\* (Stone-WA)

PAPUA NEW GUINEA

2376t 1255 R. Simbu: PD: presumed this w/pgm of pop mx w/OM (221 11/11 Forsgren-WI)  
2410 1250 R. Enga: PD: YL tlk into pgm of lite pop mx; ID "9<sup>1</sup>/<sub>2</sub> min. before 11 o'clock on R. Enga"; best reception of this one so far! (322 11/11 Forsgren-WI)  
3245 1300 R. Gulf: PD: nice lcl mx w/OM giving dedications; ID on the hr; weak but nice to finally hear this one! (211 11/11 Forsgren-WI)  
9520 0740 NBC Port Moresby: EE: US pop mx; lcl TC & ID; Catholic Mission choir mx; abruptly off @ 0806 (333 11/24 Sharpe-CA)

SOCIETY ISLANDS

R. Tahiti

9748v 0703 RT: FF: disc. by 2 Oms abt French politics in the wake of "L'affaire Greenpeace"; jazz mx @ 0730; //11826v (333 11/14 Orr-FL)  
11825 1600 RT: FF: usual tlk & island mx (353 11/25 Donegan-CA)  
15170 0035 RT: FF: class mx; tlk to 0055 then # by Schumann; YL w/ID into rock mx (343 11/23 Thompson-CA) FF pop vcls; lcl nx (222 11/8 Stephenson-CA)

SOLOMON ISLANDS

Solomon Islands Bcast Corp

5020 0857 SIBC: EE: pop mx; ID @ 0900 into intvw pgm (252 12/5 Orr-FL)  
9545 0630 SIBC: EE: TC as 5:30, ID, "Radio Happy Hour"(444 11/22 Valentine-CA)

DX A/O: Info from R. Australia's TALKBACK pgm of 23 Nov on the new Domestic Svc xmtrs to be placed in use for the Northern Territory of Australia:

1. Alice Springs-Call letters VL8A-freqs to be used, 2310 and 4835
  2. Tennat Creek-Call letters VL8T-freqs to be used, 2325 and 4910
  3. Katherine-Call letters VL8K-freqs to be used, 2485 and 5025
- Alice Springs has successfully completed their tests (acc. to TALKBACK 12/14) and should be on the air sometime after Xmas. Others to begin testing early in 1986.

Just not enough room for everything this month-more in Feb. HAPPY NEW YEAR to all! 73s,



# 日本レポート

# Japan Report.

Ralph Famularo, Koike Bunka 1F, Shido Azasuenaga 95, Amagasaki-shi 661  
JAPAN

Happy New Year everyone. How about a resolution to contribute to SPEEDX and further enhance the best shortwave bulletin available today!

## ALBANIA

11985 \*1330 Radio Tirana: IS, RR s/on, OM tlks — jammed. EE \*1400 — jammer off, OM/YL nx. Ironic to hear the USSR jamming the "Internationale". (11/13)

## BANGLADESH

6240 1850 R. Bangladesh: EE interview re: South Asian regional summit, OM ID, nx then slow-speed nx (fair, 12/7)

## GUAM

7240 \*1500 KTWR: RR IS, ID, hymns, tlk — jammed (fair-good, 11/29)

## INDIA

3235 1231 All India Radio (Home Service) Gauhati: EE OM national nx, Indian mx, YL ID — fluctuating quality due to UTE QRM (poor-good, 11/20)

## KOREA (DEMOCRATIC PEOPLE'S REPUBLIC)

2670 1245 KCBS, Sariwon: KK choral singing, brief YL ancmts (pr-fr, 11/11)

## KUWAIT

9750 1410 R. Kuwait: AA musical recitations, OM tlk, YL introducing radio drama // 9840 (fair-good, 11/19)

## MALI

4783 2211 R. Mali: FF OM nx, ID, NAfr mx, piano mx UTE QRM (fair, 11/13)

4835 2135 R. Mali: FF, about 1 hr of NAfr & WAfr mx, 2230 OM nx, more mx, 2255 "Radiodiffusion-Television du Mali" ID, nothing on 4783 (fr-gd, 11/19)

## NIGER

5020 2034 ORT du Niger: FF OM tlk, exotic Afro choral vocals & mx, mixing w/ Jiangxi \*2100...ID heard at a later date (good-poor, 11/29)

## NORWAY

9590 1000 R. Norway: EE ID, freqs, target areas, weekly nx review, Norwegian pops (really good mx program), (good, 11/24)

## PAKISTAN

4780 1307 R. Pakistan: Urdu sub-continent mx, OM ID "R. Pakistan, Peshawar", tlks (fr-gd, 11/26)

5104 1435 R. Pakistan: (Islamabad) Urdu recitations, OM talking (preaching?) to a group of men, IDs, not // 4780 nor Azad Kashmir, 4790 (fr-gd, 11/26)

## PAPUA NEW GUINEA

3395 1347 R. East Highlands: EE native group vocals, drums, OM TC/ID, NA, 1357\* (fr)

## PHILIPPINES

9580 0704 Maharlika Broadc. System: EE YL nx w/many pauses (non-native speaker?), OM "MBS/R. Philippines" ID, tourism promo, cultural variety pgm, (fr-gd, 11/19) drifted down to 9578 on 11/24.

9595 1503 R. Veritas Asia: EE rel. tlk, ID, Pope Paul's message to filipino bishops, mixing w/2 co-channel stations (good-poor, 11/24)

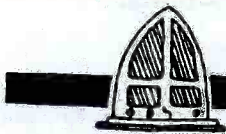
15350 0823 FEBEC: EE rel. tlk, mx, OM asking "Where is your homework?", address, ID, 0830 world nx (fair-good, 11/24)

## SOVIET UNION

2952 1405 R. Moscow, Vladivostock: CC OM/YL tlks, lite jazz mx, is 2X and // to 1476 MW (fair-good, 11/11)

## VIETNAM

4664 1240 Hue? or Binh Tri Thien?: VV OM tlks, martial mx, YL tlk, 1302\* w/no ID (pr-fr, 12/2) definitely not Laos on 4660. If anyone knows about current Vietnamese regionals, I'd appreciate some information. And remember -- SPEEDX members residing in or visiting Japan are requested to send in any current DX information. Bye!



535 TO 1610 kHz

# MEDIUMwaveguide\*deadline: 12th

DAVID SHARP, 17602 MEADOWBRIDGE, LUTZ, FLORIDA 33549

Due to your fantastic support, we're EXPANDING! The 1986 allocation sheet from Rick Drollinger says we can have two pages in JAN/FEB/MAR/NOV/DEC. Of course, this is subject to further revision, so let's prove we can fill an extra page. Keep sending in those loggings, and of course, send in QSL information and other tidbits of interest. Here we go, with an expanded MWG.....

\*\*\*\*\*

- 531 2MC West Kempsey Aust'1/1540/Glen Campbell mx (233 10-13 Boehnke-HI)
- 540 WEIZ Columbus GA/0905/ID by OM DJ, MOR mx, will be changing call to WDAK. (343 11-18 Trotto-FL) No WGTO QRM?? ds.
- 540 WGTO Cypress Gardens FL/1240/Lcl nx, weather, ID, ads (343 Roberts)
- 590 WARM Scranton PA/0102/mixing with cochannel WMBS (10-31 R. Ross-ON)
- 590 WBMS Union Town PA/0100/ID on hour, into nx (good 10-31 R. Ross-ON)
- 620 WSUN St. Pete/Tampa/0200/sx, ads, ID, YL nx (11-11 Roberts) Were they airing a Bucs game? ds.
- 630 WPRO Providence RI/0107/wx, ID, ads, under CFCO (Robert Ross-ON)
- 640 WHLO Akron OH/0010/CBS nx, lcl wx, ID (fair 12-11 Bill Thim-CT)
- 650 WSM Nashville/0204/nx, wx, ID, country mx (222 11-11 Ken Roberts-FL)
- 660 HRN Newk Honduras/1129/SS/ID's, slogans, promos (322 11-29 Hall-CA)
- 690 KKUA Honolulu/0804/Top 40 mx, lots of ID's (323 11-30 Tim Hall-CA)
- 710 WAQI Miami/2300/SS/ID as "R. Mambi" & EE call (221 12-9 Demmitt-PA)  
This used to be WGBS. Since they changed formats, Cuba has been creating a lot of problems. More details at end of column....ds
- 710 R Rebelde Cuba/0838/SS/OM & YL tx (Hall-CA) This is WAQI's interference problem....ds.
- 720 WGN Chicago/0313/YL ID, tx show (333 11-17 Trotto-FL) :0030/nx abt baseball (good 12-11 Bill Thim-CT)
- 740 CBL Toronto/0202/CBC nx, wx for Toronto area (544 11-16 Gerstner-NY)
- 760 WJR Detroit/0322/Detroit Redwings/MN North Stars Game (Trotto-FL) :0045/sx phone-in show, ID, lcl ad (good 12-11 Bill Thim-CT)
- 783 KCBS Pyongyang N Korea/1605/KK/Pgm of semi-classical mx (Boehnke)
- 800 WSVS Crewe VA/1157/Song: "The Way I Am," ID, nx (443 11-7 Demmitt)
- 801 KCBS Hwadae N Korea/1605/KK/Pgm of classical mx (10-17 C. Boehnke)
- 810 ZNS-3 Freeport Bahamas/1249/Local nx, ads, sports (344 Roberts-FL)
- 825 R Paradise St. Kitts/0045/Religious pgm w/YL host (gd 10-31 R. Ross)
- 830 WCCO Minneapolis/0110/ID "Real Radio, WCCO" (gd 12-11 B. Thim-CT)
- 830 KNCO Grass Valley CA/0130/Mellow mx, ID, ex-1250 (344 Tim Hall-CA)
- 830 CFJR Brockville ON/2145/EZL mx, contest, car ad, EST TC, jingle ID as "CFJR-830," good rptn (444 11-5 Fraser-MA)
- 855 KCBS Sangwon N Korea/1435/KK/OM & YL tx, Pyongyang ment (Boehnke)
- 870 WWL New Orleans/0025/MS Network pre-game show, MS State vs L.S.U. (343 11-17 Gerstner-NY)
- 890 WLS Chicago/0120/7-Up ad, ID, more ads (very good 12-11 Bill Thim)
- 890 HCRS6 Machala Ecuador/0435/SS/Lively vocals, KDXU not here yet..... (344 11-3 Tim Hall-CA)
- 890 KDXU St. George UT/0314/Light rock, YL DJ, ex-1450. (444 Tim Hall) There goes another "clear channel" frequency! ds.
- 895 HJPM Colombia/1020/SS/OM anc'r w/ID, tx, cow mooing, chickens cackling, fast marimba mx, tx & ad @ 1023, ID @ 1030 (333 Trotto-FL)
- 900 WSWN Belle Glade FL/1259/Sermon by OM, station ID (444 Ken Roberts)
- 910 WJCW Johnson City TN/0502/Hrd in clr after WPLA off; ID by OM, ads; sounded like CBS ntwk nx, references given to Bristol and Kingsport, TN. Heard most nights. (poor David Sharp-FL)
- 1000 TIMIL San Jose Costa Rica/0445/SS/Pop Latin mx, ID as "Emisores de San Jose, Radio MIL..." (333 Boehnke) "R. Mil" is slogan, ds.
- 1000 WCFL Chicago/0135/religious mx, ad, ID (good 12-11 Bill Thim-CT)
- 1030 KHWY Folsom CA/1418/Temp 46°, Ford ad, Jimmy Buffet mx (Boehnke-HI)

Loggings up to 1610 kHz, plus other tidbits, follow on the next page....

- 1060 KFNA El Paso/1341/New station on, SS programming (322 Tim Hall-CA)  
 1100 WWWE Cleveland/0145/Basketball game, PSA's, ID as "Radio 11" (vgd 12-11 Bill Thim-CT)  
 1110 WBT Charlotte/0216/Talk about contest, ID, ads, mx (K. Roberts-FL)  
 1143 VOA Luzon Philippines/1600/EE ID, into unid lang. (322 Boehnke-HI)  
 1160 WJJD Chicago/0150/ad for computer store, ID (fair 12-11 B.Thim-CT)  
 1170 WVVA Wheeling WV/0830/ID by OM, country format, PSA @ 0832 about Flood victims; into mx by Debbie Boone (444 11-17 Trotto-FL)  
 1190 WLIB New York/2155/Px on violence in movies, ID (333 B. Fraser-MA)  
 1190 WOWO Ft. Wayne/0155/Basketball game, PSA's (very good Bill Thim)  
 1197 4GG S. Port Qld. Aust 1/1040/OM with ID, lady DJ w/pop mx & TC's. (222 11-3 Charles Boehnke-HI)  
 1197 2ZW Wanganui New Zealand/1557/TC and into Eagles mx (333 Boehnke)  
 1200 KFNW W. Fargo ND/2130/End of relig pgm, ID on 1/2 hr (vg 11-16 Ross-ON)  
 1200 WOAI San Antonio/0050/"Spurs Notebook," basketball (444 Gerstner)  
 1200 YVOZ Caracas Venezuela/2100/SS/mixing with WOAI (vg 11-26 Ross-ON)  
 1210 WCAU Philadelphia/2155/Phone-in pgm, ID hrd (454 11-5 Fraser-MA)  
 1210 KASY Sunnyside WA/1410/TC and mx, "Dancing in the Moonlight" song. (333 10-13 Charles Boehnke-HI)  
 1251 R Moscow Vladivostok USSR/1000/CC/Foreign svce in CC, OM and YL tx (333 11-6 Charles Boehnke-HI)  
 1320 CFGM Toronto/2000/Country mx, many ID's (332 Fraser-MA) 0205;nx, sx and ICL ads, ID (gd 12-11 Bill Thim-CT)  
 1320 XERJ Mazatlan Mexico/1322/SS/IDs as "La Rancherita de Mazatlan..." (323 11-29 Tim Hall-CA)  
 1341 2ZN Nelson New Zealand/1525/Non-stop popular mx, strong. (433 10-13 Boehnke-HI) Must be in a great QTH, Charles. ds.  
 1345 HCPB6 Ecuador/0933/SS/OM tx, ID at 0945 as "Radio Paz," more OMtx, started to fade at 0950 (222 11-18 Trotto-FL)  
 1350 JOER Hiroshima Japan/1518/JJ/YL ancr, chime ID, serious mellow mx. (333 10-13 Boehnke-HI)  
 1413 BBC Masirah Is. Oman/1600/??/Pgms in AA like langs, clr BBC ID, // to shortwave 7160 (222 11-4 Boehnke-HI)  
 1420 WOC Davenport IA/1123/ABC Talk, local ID's, nx (322 11-28 Hall-CA)  
 1435 R Cadena Cuba/0950/SS/Rock mx w/SS singers, also some Cuban mx, ID and fast tx by OM at 0959, //1380. (444 11-18 Trotto-FL)  
 1450 WLEC Sandusky OH/0138/ID as "Welcome Back to WLEC," into CW mx-- a new station for me. (fair 11-15 Robert Ross-ON)  
 1500 KUMU Honolulu/1230/EZL mx, IDs on hour & 1/2 hr (222 12-6 T. Hall-CA)  
 1540 ZNS-1 Freeport Bahamas/0700/OM ID at 0700, then special bulletin & warning on Hurricane Kate; other related info given at 0725 UTC (11-18 Trotto-FL) :0410/OM relig broadcast (333 12-14 Sharp-FL)  
 1557 2ZH Hawera New Zealand/1549/very good pop mx, relay of station 22P (10-13 333 Charles Boehnke-HI)  
 1560 WTOD Toledo OH/1222/YL talking abt finding jobs- one solution she gave, "become an employer!" ID (333 11-10 John Demmitt-PA)  
 1580 CBJ Chicoutimi PQ (t)/0220/FF/mx and FF tx (very gd 12-11 Thim-CT)  
 1590 WTVB Coldwater MI/2346/Ads and ID, behind WAKR (fr 11-11 Ross-ON)  
 1593 IXP Auckland New Zealand/1514/Phone-in show, YL moderator, good signals often (10-13 Charles Boehnke-HI) Nice logs, Charles, ds  
 1610 Caribbean Beacon Anguilla/0310/Hrd on car radio while in Tampa, tx by OM abt Bible, ID, only fair in city tfc (12-14 D. Sharp-FL)  
 \*\*\*\*\*

As mentioned on the prior page, WGBS Miami has changed to a SS format, and a new call of WAQI. Even here in Lutz, the cochannel Cuban is causing a big headache. Over in HI, Charles Boehnke observed the following: "The 'Radio Wars' between Cuba and the U.S. seem to be getting worse. We have been listening to the powerful R. Rebelde xmtr, which has been operating on 712 kHz and other close frequencies. Must be causing a real headache to WAQI in Miami...." Similar observations were also given by John Demmitt. In other news, get ready to lose another clear channel frequency. Tampa has been assigned WFLZ, which will probably operate 24 hours on 1200 kHz. We'll keep you posted as things develop.

See you next month, when we'll have another two pages of MWG! <sup>73's</sup>

*Dand.*

# QSL REPORT

EDITOR:

DEADLINE: 12th

RAY FORSGREN  
RT. #4, BOX 213  
CHIPPEWA FALLS, WI.  
54729

Welcome to the first QSL Report of 1986...what happened to '85? For me this past year went very fast. To begin things, I would like to thank Leon for the great job he did with this column; your efforts are most appreciated!

I would also like to give a brief intro of myself: I am 23 years old, and I have been in this hobby for around 10 years. My number one interest in SW is QSLs. Other interests include stamps, coins and too many others to mention! I am not married (so I can DX whenever I want!); I work in construction with my father, in our own company. Enough said!

Thanks to the 25 contributors, without whose support there would be no QSL Report...

## AFRICA

/ASCENSION ISLAND/ BBC Relay: 6005 f/d personal ltr. w/ pictures in (?) ds. for 2 irc's. (Friberg-NH).

/BENIN/ ORTB: 4870 f/d cd. in 45 ds. for 1 irc. (Kustra-AZ).

/EGYPT/ Radio Cairo: 9475 p/d "Thebes" cd. in 58 ds. (Hicks-TN).

/GABON/ Africa #1: 15200 n/d form ltr. in 51 ds. for a FR/EE rpt. and \$1 US.V/S J. Paul Boudergue (D'Angelo-PA).

/GHANA/ G.B.C.: 3366 f/d "Crest" cd. in 60 ds. for 1 irc. V/S Jamie Guao. (Ross-ON). 4915 f/d "Golden Jubilee" cd. in 45 ds. (Kustra-AZ).

/LESOTHO/ L.N.B.S.: 4800 f/d "Flag" cd. in 59 ds. (Kustra-AZ). same in 248 ds. for 2 irc's. (Gunter-NC).

/LIBERIA/ ELWA: 4760 f/d "Studio-antenna" cd. in 40 ds. V/S F. Manuel (Kustra-AZ).

/LIBYA/ R. Jamaheriya: 11815 f/d cd. in 5 mo. (Bowden-CA).

/MAURITIUS/ MBC: 9709 p/d "National colors" cd. in 75 ds. for ms. V/S H. St. Lambert-C.E. (Quaglieri-NY)...nice, rjf

/MOROCCO/ VoA Relay: 5995 f/d "Statue of Liberty" cd. in 8 ds. (Welch-MA). 15205 same in 17 ds. V/S Janet Scadron. (Gerstner-NY).

/NIGERIA/ FRCN Ibadan: 6050 f/d form ltr. in 37 ds. after f-up for \$1. V/S E.A. Kupoluyi. (Forsgren-WI).

/SENEGAL/ ORTS: 4890 f/d "Globe-antenna" cd. in 27 ds. for a tri-rpt. and 1 irc. (Gerstner-NY).

/SOUTH AFRICA/ SABC: 4835 f/d "Industry" cd. in 25 ds. w/ sked. and book. V/S Colin Miller. (Coday-CA). Radio RSA: 5980 f/d "Garden snails" cd. in 4 wks. (Bowden-CA). same cd. in 16 ds. (Gerstner-NY)...freq. was 9585...9615 same in 14 ds. (Ruhe-PA)...must be an epidemic of snails in S.Af!...rjf

/SWAZILAND/ TWR: 5055 f/d "Studio" cd. in 27 ds. (Kustra-AZ).

Just a note...make sure you put all info on form when sending in, i.e. time, freq etc...thanks!

ASIA

/BANGLADESH/ Radio Bangladesh: 9775 f/d personnel ltr. w/ sked. in 47 ds. after f-up for \$1 US. V/S Md. Abdur Rashid. (Forsgren-WI).

/CHINA/ Radio Beijing: 9730 f/d "Woman & chicken" cd. in 27 ds. for 1 irc. (Wilkins-CO). 9860 f/d "Art" cd. in 7 wks. for a SS rpt. (Bowden-CA). 15520 f/d "Statue" cd. w/ goodies in 30 ds. (Falbo-OR). f/d "Girl w/Panda cd. w/ goodies in 42 ds. (Hicks-TN). Fujian: 5170 f/d "Panda" cd. w/ goodies, via Beijing in (?) ds. (Friberg-NH). CPBS-1: 5880 f/d cd. w/ mag. in 2 wks. (Donegan-CA). CPBS-2: 7770 f/d cd. w/ pennant in 28 ds. (WI-Forsgren).

/IRAN/ VOIRI: 9022 f/d "Harvest" cd. w/ sticker of the Ayatollah(!) & sked. in 5 mo. surface for 2 irc's. (Donegan-CA).

/ISRAEL/ KOL Israel: 9435 f/d "Shalom" cd. w/ sked. in 53 ds. (Coday-CA). f/d "Map" cd. in 34 ds. (Ruhe-PA). f/d cd. in 5 mo. (Kustra-AZ). same in 53 ds. (Bishop-NY). 9440 f/d cd. in 288 ds. (Bishop-NY). 9815 f/d cd. in 36 ds. (Bishop-NY). same in 76 ds. (Bishop-NY). 11605 cd. in 35 ds. (Gerstner-NY). 11655 cd. in 79 ds. (Bishop-NY). Reshet Bet-Home Service: 13720 f/d "Shalom" cd. in 69 ds. (D'Angelo-PA).

/JAPAN/ FEN: 3910 f/d "Logo" cd. w/ book & sked. in 15 ds. (Coday-CA). Radio Japan: 9505 f/d "Autumn in Kyoto" cd. in 4 wks. (Bowden-CA). 15300 f/d "Lights of Hakodate" cd. in 19 ds. (Bishop-NY).

/KUWAIT/ Radio Kuwait: 15495 f/d folder cd. in 28 ds. (Kustra-AZ).

/MALAYSIA/ Radio Malaysia: 4970 via Kota Kinabalu, p/d "Map-logo" cd. w/ ltr. in 34 ds. V/S Mrs. Ramlah Amir, Dir. of B'cast. (Shimada-JAPAN).

/SINGAPORE/ SBC: 11940 f/d "Fireworks" cd. in 29 ds. for 2 irc's. 4 of the same cd. for 4 rpts! (Zirkelbach-CA).

/SOUTH KOREA/ Radio Korea: 15575 f/d "Asian games awards" cd. w/ sked. in 54 ds. V/S Lee Won. (Bishop-NY). same p/d cd. in 49 ds. (Hicks-TN).

/TURKEY/ Voice of Turkey: 9560 f/d "Tapestry" cd. w/ sticker in 40 ds. for 1 irc. (Mendez-NJ).

/YEMEN/ Radio Sana'a: 9780 p/d form ltr. w/ postcard in 87 ds. after 2nd f-up for 2 irc's. (Wilkins-CO). f/d form ltr. w/ postcard in (?) ds. for 3 irc's. (Friberg-NH). same ltr. in 96 ds. for \$1 US. (Forsgren-WI).

EUROPE

/ALBANIA/ Radio Tirana: 6200 p/d "Revolutionary Spirit" cd. in 119 ds. (Hicks-TN).

/AUSTRIA/ Radio Austria Int.: 6000 f/d cd. in 3 wks. (Bowden-CA). same in 6 wks. (Bowden-CA). f/d "ORF" cd. w/ sked. in 58 ds. (Bishop-NY). f/d "Salzburger Resort" cd. w/ sked. in 18 ds. (Ruhe-PA). 9635 f/d "Nieder-osterreich" cd. in 62 ds. (Bishop-NY).

/BELGIUM/ BRT: 5910 f/d form ltr. in 39 ds. (Ruhe-PA)...you have to be a member of their listeners club to get QSL cds. rjf... 9880 f/d "Brugge" cd. in 5 wks. (Bowden-CA). 9925 f/d cd. in 4 wks. (Bowden-CA).

/CZECHOSLOVAKIA/ Radio Prague: 5930, 6055 f/d "Wallachian museum", and "Ceramnoial costumes" cds. in 22 ds. (Welch-MA).

/DENMARK/ Radio Denmark: 15165 f/d "Flower" cd. in 25 ds. (Ziegler-ME).

/GREECE/ Voice of Greece: f/d "Epidaurus" cd. in 7 mo. for 2 irc's. (CO-Heinen)...freq was 9420... 9905 f/d "Ancient monuments" cd. in 211 ds. (Falbo-OR).



/HUNGARY/ Radio Budapest: 11910 f/d cd. in 42 ds. for 1 irc. (Ziegler-ME)

/IRELAND/ WMR via Radio Dublin: 6910 f/d "Logo" cd. w/ flyer in 135 ds. for 1 irc and \$1 US. (Friberg-NH).

/ITALY/ AWR: 6205 f/d "Antenna" cd. w/ ltr. in 6 ds. for 2 irc's. (NH-Friberg). same f/d cd. in 46 ds. for 2 irc's. Addr; AWR Europe, Casella Postale 383, 47100 Forli, ITALY. (Welch-MA).

/MALTA/ IBRA Radio: 6110 f/d "CN Tower" cd. w/ pennant in 54 ds. (MA-Welch).

/MONACO/ TWR: 7160 f/d "Monaco by air" cd. in 21 ds. (Campbell-CT). 9495 f/d cd. in 23 ds. for 1 irc. (Gerstner-NY). same in 17 ds. for 2 irc's, w/ sked. (Soomre-MA).

/NETHERLANDS/ Radio Nederland: 6020 f/d "Flevo" cd. in 23 ds. (Ruhe-PA).

/NORWAY/ Radio Norway Int.: 11850 p/d "Costumes" cd. w/ sticker & sked in 32 ds. (Ruhe-PA). 15305 same cd. in 6 wks. V/S Guring Packle. (Bowden-CA). same in (?) ds. (Kustra-AZ).

/POLAND/ Radio Polonia: 15120 f/d "LOT Horse" cd. in 6 mo. (Kustra-AZ).

/PORTUGAL/ Radio Free Europe: 21720 via Gloria, p/d "Map" cd. in 4 ds. for ms. (Gerstner-NY).

/ROMANIA/ Radio Bucharest: 11940 f/d "University square" cd. in 61 ds. (Hicks-TN).

/SPAIN/ Radio Exterior de Espana: 9360 f/d cd. in 4 wks. (Bowden-CA). same in 3 wks. (Bowden-CA). 9630 f/d "Parador Nacional" cds. in 71, 54 ds. w/ sked. & form. (Bishop-NY). same cd. in 4 wks. & 2 mo. (Bowden-CA). 11880 cd. in 5 wks. (Bowden-CA). in 44 ds. (Bishop-NY).

/VATICAN CITY/ Radio Vaticana: 6015 2 f/d cds. in 8, 9 wks. (Bowden-CA). 9605 "Basilica", & "Ufficio propaganda" cds. in 7 wks. (Bowden-CA). 9615 cd. in 4 wks. (Bowden-CA). 11740 "Citta del Vat." cd. in 3 wks. (Bowden-CA). 11845 f/d "Leo XII" cd. in 75 ds. (Kustra-AZ). 11945 same cd. in (?) ds. for a SS rpt. (Bowden-CA). 15405 2 cds. in 2 mo. (Bowden-CA).

#### U.S.S.R.

Radio Moscow: 5980 f/d "Hotel Rossiya" cd. via SIMFEROPOL in 32 ds. (Welch-MA). 11755 f/d cd. in 6 mo. (Bowden-CA). 15240 f/d "Sovietskaya Sq." cd. in 6 mo. (Bowden-CA). 15425 2 f/d cds. in 3 wks, & 6 mo. (Bowden-CA). ...when sending to R.M., request the sites-it adds to the card! rjf...

#### NORTH AMERICA

/CANADA/ CKZU: 6160 f/d "CBC Center" cd. in 8 ds. V/S D.J. Horner. (AZ-Kustra).

/COSTA RICA/ Radio Reloj: 4832 f/d "Logo" cd. in 30 ds. for a SS rpt. and 1 irc. V/S Francisco Barahona G. (Mendez-NJ). T.I.F.C.: 5055 f/d cd. w/ sked. in 22 ds. for 2 ircs. (D'Angelo-PA).

/HAITI/ 4VEH: 4930 f/d "Citadelle" cd. w/ ltr. in 261 ds. for 1 irc. (Gerstner-NY). same in (?) ds. after f-up for ms. (Friberg-NH).

/UNITED STATES/ VOFC via WYFR: 5985 f/d "Ox" cd. w/ goodies in 33 ds. (Ruhe-PA). KGEI: 6010 f/d "San Fran." cd. w/ ltr. in 28 ds. (Shimada-JAPAN). VOA: 17785 via BETHANY f/d cd. in 48 ds. (Dillon-MD). Radio Marti: 9570 f/d "Bust" cd. in 186 ds. (Welch-MA). 9660 same cd. in (?) ds. after f-up (Campbell-CT). 11815 n/d ltr. in 20 ds. for ms. (Ziegler-ME). UN Radio 15125 f/d cd. in 10 ds. (Falbo-OR). Radio Earth: 11790 via KCBI cd. in 30 ds. V/S Jeff White. (D'Angelo-PA). KCBI: 11790 f/d "Map" cd. in 13 ds. for ms. (Ziegler-ME). same in 30 ds. (Mendez-NJ). "Texas to the World" cd. in 15 ds. (Ruhe-PA). WYFR: 15170 f/d cd. in 5 wks. (Bowden-CA).

OCEANIA

/AUSTRALIA/ Radio Australia: 6035, Carnarvon, f/d "Pastoral" cd. w/ sticker in 45 ds. for 1 irc. (Welch-MA). 9710, Shepparton, f/d "Woodchopping" cd. in 49 ds. for 1 irc. (Welch-MA). VLM4: 4920 f/d "Queensland Symphony" cd. in 24 ds. (Coday-CA). VLR6: 6150 f/d "Map" cd. w/ sticker in 35 ds. for 1 irc. (Gerstner-NY). VLW9: 9610 f/d "Map" cd. in 3 mo. (Bowden-CA). VLR9: 9680 f/d cd. in 49 ds. for 1 irc. (Gerstner-NY).

/MARIANAS IS./ KTWR: 9585 f/d "Plumeria" cd. in 4 wks. for a Mandarin rpt. (Bowden-CA). 9870 f/d photo cd. w/ sked, in 31 ds. for ms. V/S Donna M. Martin. (Coday-CA).

/PAPUA NEW GUINEA/ Radio West Sepik: 3205 n/d personnel ltr. in 38 ds. after f-up for \$1 US. V/S Luke Umbo, Sta. Manager. (Forsgren-WI). Radio East New Britain: 3385 f/d pfc in 27 ds. for ms. V/S A.L. Rumina. (Wilkins-CO). Radio Eastern Highlands: 3395 p/d personnel ltr. in 21 ds. for \$1 US. V/S Paia Ottawa-Technician. (Forsgren-WI).

SOUTH AMERICA

/ANTARCTICA/ LRA-36: 15474 f/d cd. in 161 ds. for a SS/EE rpt. and 3 irc's. V/S Jose Carlos Prado. (Gunter-NC).

/ARGENTINA/ RAE: 9690 f/d "Logo" cd. in 51 ds. (Bishop-NY). same w/ sked. and pennant in 42 ds. (Ruhe-PA). 15345 p/d cd. for 2 irc's, which were returned, in 70 ds. (Hicks-TN).

/BRAZIL/ Radio Nacional do Brasil: 11745 f/d "Bridge" cd. in 31 ds. V/S Denise Uchoa. (Bishop-NY). f/d "Parana" cd. w/ sked. in 31 ds. (Bishop-NY). 11745, 15155 f/d "Bahia" cd. in 25 ds. (Gerstner-NY). Radio Aparecida: 11855 f/d "Studio" cd. in 21 ds. for a PT rpt. and 2 irc's. (D'Angelo-PA). R. Clube Ribeirao Preto: 15414 n/d ltr. w/ stickers in 28 ds. after f-up for a PT rpt and ms. V/S Paulo Pizani. (Wilkins-CO). Radio Surinam Int.: 17755 via Radio Bras, f/d form ltr. in 88 ds. for 2 irc's. (Ziegler-ME). same in 4 mo. w/ sticker for 3 irc's. (Friberg-NH).

/COLOMBIA/ Radio Sutatenza: 5095 p/d form ltr. in 137 ds, after f-up for a SS rpt. and \$1 US. V/S Nohora Rodriguez Jimenez. (Forsgren-WI).

/ECUADOR/ HCJB: 3220 f/d "Bus" cd. in 22 ds. for ms. (Gerstner-NY). 6095, 9745, 11910, 17790 4 f/d cds. in 72 ds. (Zirkelbach-CA). 6095 f/d "Taxi" cd. in 8 wks. (Bowden-CA). 6230 f/d "SPEEDX" cd. in 15 ds. for a SASE. V/S David Sharp. (Mendez-NJ). 9745 f/d cd. in 46 ds. (Bishop-NY). "Oil drilling" cd. in 35 ds. (Soomre-MA). 9870, 15115, 15270, 17790 f/d cds. in 21 ds. for ms. (Gerstner-NY). 11910 f/d cd. in 10 wks. (Bowden-CA). 15115 f/d cd. in 5 wks. (Bowden-CA). 15155 f/d cd. in 78 ds. (Bishop-NY). C.R.E. 4656 n/d ltr. w/ pennant, sticker and .20¢ coin (!) in 124 ds. after f-up for a SS rpt. and \$1 US. V/S Alicia de Blasio. (Forsgren-WI). Emisoras Gran Colombia: 4911 f/d pfc in 88 ds. after f-up for a SS rpt. and ms. (Wilkins-CO). Radio Catolica Nacional: 5055 f/d ltr. in 60 ds. for a SS rpt. and 1 irc. V/S Diana Garcia A. (Ross-ON).

/FRENCH GUIANA/ RFI Relay: 9800 p/d "Antennas" cd. w/ sked. in (?) ds. (Donegan-CA).

/GUYANA/ GBC: 5950 f/d ltr. in 37 ds. for \$1 US. V/S Miss Phyllis Hyles. (D'Angelo-PA).

/VENEZUELA/ Radio Tachira: n/d "City scenes" cd. in 56 ds. after f-up for a SS rpt. and ms. V/S D. Gonzalez. (Forsgren-WI).

CLANDESTINES & PIRATES

Radio Truth: 5015 f/d pfc in 108 ds. after f-up for 2 irc's. Also received "position paper" & transcript. V/S A. Veritas. (Wilkins-CO).

I hope that everyone had an enjoyable holiday season, and an even better 1986.

In QSL news, yes there is a QSL card for reception of the SPEEDX report via HCJB. All that you have to do is listen in, and then send a complete reception report out to David Sharp, whose address is on the back cover, as well as in the DX Montage masthead... let's all keep David busy!

From Colombia; to get a QSL letter for Ondas del Meta, 4885, the address to use is:

German Casteneda C.  
Apartado Aereo 3104  
Villavicencio,  
META.

The V/s states that he collects stamps, cards (probably postcards) and worldwide banknotes. So if you send along some US stamps, maybe the goodwill on behalf of the V/S will continue on this dormant QSL'er.



I would like to take this opportunity to spell out a few "rules" for contributing to QSL Report. Make sure that your contributions are complete. Also, make certain that they get to me by the 12th, because I want to do the column ASAP otherwise I'll start putting it off!!

I would also like any comments you might have (good or bad) on the column - let me know what YOU would like to see here in the pages of QSL Report. I would also appreciate any good clear copies of your verbiage and assorted station 'goodies'. Thanks.

Thanks so much for all of the notes of encouragement, and wishes welcoming me... they are most appreciated!! Salutes go out to Richard Coday of CA., a first time contributor... welcome.

Best of DX, and I'll see you all in February.

73's,

*Ray*

P.S. Thought I was done, but in came a packet from Leon so here we go again!

730 KHZ  
ONDA MEDIA  
94.3 MGZ  
F.M.

RADIO  
ZARACAY

965 Kc 90 Mls  
ONDA LARGA ONDA MEDIA

SANTO DOMINGO  
DE LOS  
COLORADOS  
ECUADOR  
S. AMERICA



SISTEMA RADIOFONICO H. B  
Roger Barahona y Hnos. S. A.



No. 1 EN COSTA RICA  
GRACIAS A USTED.

6006 KHZ  
49 METROS

4832 KHZ  
60 METROS

AFRICA

/SOUTH AFRICA/ Radio RSA: 9615,2 f/d cds. in 15,22 ds. (McCants-AL).

ASIA

/CHINA/ Radio Beijing: 9535 f/d cd. in 20 ds. (Beaudoin-CT).

/INDIA/ All India Radio: 11620 f/d "Palace cd. in 50 ds. for 1 irc. (CT-Beaudoin).

/ISRAEL/ KOL Israel: 15585 f/d cd. in 70 ds. (Beaudoin-CT).

/JAPAN/ Radio Japan: 9505 p/d "Temple" cd. in 15 ds. (Beaudoin-CT).

/PHILIPPINES/ VoA Poro: 11715 f/d cd. in 8 ds. (Beaudoin-CT).

/TURKEY/ Voice of Turkey: 9560 f/d cd. in 44 ds. (Lehman-MA).

EUROPE

/AUSTRIA/ Radio Austria Int.: 6000 f/d cd. in 67 ds. (Levison-PA).

/CZECHOSLOVAKIA/ Radio Prague: 7345 f/d cd. in 20 ds. (Levison-PA).

/PORTUGAL/ RFE/RL: 21745 p/d cd. + sticker in 6 ds. (Jones-VA.)

/ROMANIA/ Radio Bucharest: 5990 f/d cd. in 98 ds. (Lehman-MA). 9510, 9570 f/d cd. in 98 ds. (Levison-PA).

/VATICAN CITY/ Radio Vaticana: 11700 f/d cd. in 78 ds. (Levison-PA).

U.S.S.R.

Radio Kiev: 7175 f/d cd. in 24 ds. (Levison-PA). 11960 f/d cd. in 92 ds. (Lehman-MA).

Radio Moscow: 5980 Simferopol, 7160 Armavir, 15240 Petro-Kamchatsky f/d cds. in 30 ds. (Yeager-PA). 15100 Moscow in 30 ds. (Yeager-PA). 9885 cd. in 42 ds. (Jones-VA).

NORTH AMERICA

/CUBA/ Radio Moscow: 11840 via Havanna cd. in 34 ds. (Beaudoin-CT). 6170 via Havanna f/d cd. in 30 ds. (Yeager-PA).

/HAITI/ 4VEH: 4930 f/d cd. in 169 ds. for a FF rpt. and 3 irc's. V/S Edna Beachy. (Lehman-MA).

AL)

/NETHERLANDS ANTILLES/ Radio Nederland: 9590 f/d cd. in 17 ds. (McCants-

/UNITED STATES/ VOFC: 5985 via WYFR f/d cd. in 19 ds. for a CC rpt. (PA Levison). smae in 30 ds. (Beaudoin-CT). KCBI: 11790 f/d cd. in 12 ds. (CT-Beaudoin). WRNO: 11965 p/d cd. in 18 ds. (Beaudoin-CT). Radio Marti: 6075 f/d cd. in 5½ mo. (Jones-VA).

OCEANIA

/AUSTRALIA/ Radio Australia: 15320 f/d cd. in 31 ds. (Jones-VA). 15395 f/d cd. in 30 ds. (Beaudoin-CT). VLW6: 6140 f/d cd. in 60 ds. for 2 irc's (Yeager-PA). VLR6: 6150 f/d cd. in 31 ds. for 1 irc. (Jones-VA). VLQ9: 9660 f/d cd. in 67 ds. for 2 irc's. (Yeager-PA).

SOUTH AMERICA

/BRAZIL/ Radio Surinam Int: 17755 f/d ltr. in 120 ds. (Yeager-PA).

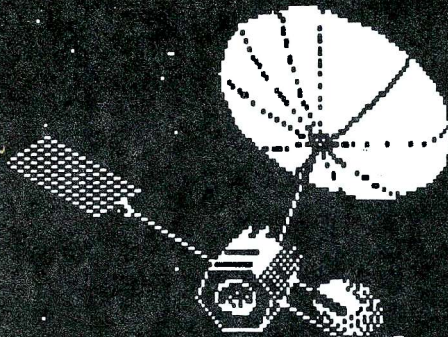
/ECUADOR/ HCJB: 9870 f/d cd. in 38 ds. (Jones-VA). 11910 f/d cd. in 18 ds. (McCants-AL). Emisora Jesus del Gran Poder: 5050 f/d folder cd. in 91 ds for a SS rpt. and 2 irc's. V/S Jorge Enrique. (Robinson-TN). Radio Catolica Nacional: 5055 n/d ltr. & pennant in 29 ds. for 2 irc's. (Jones-VA)

CLANDESTINES & PIRATES

La Voz del CID: 11700 via Radio Clarin, p/d cd. in 2½ yrs. for a SS rpt. (Kanopka-NY).

If any more come in they'll have to wait till next month as I've used up my allotment!!

73's again, Roy



# UTILITY SCENE

AM • RTTY • SSB  
 CW • FAX • A3H  
 0-30 MHz

**JEFF KNAPP**  
**1823 7TH AVENUE**  
**CHARLESTON WV 25312**

deadline: 12th

\*\*\* NORTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AK	4428.7	U	0703	NOJ	KODIAK	USCG	WKG USCGC SEDGE	RWK-WA
BER	6487.5	C	0005	VRT	HAMILTON	MARCO	V MARKER	RSR-ON
CAN	2103.5	U	0607	VOK	CARTWRIGHT	CCG	WKG CCGC ROGERS	JFH-MA
CAN	2182.0	U	2353	VCA	CHARLOTTETOWN	CCG	EE/FF ANNOUNCEMENTS	POC-NH
CAN	2182.0	U	2137	VCS	HALIFAX	CCG	ALL STATIONS TFC LIST	PAC-UK
CAN	2182.0	U	0010	VOD	COMFORT COVE	CCG	ANNOUNCEMENT	ES -MA
CAN	2182.0	U	0450	VCC	QUEBEC CITY	CCG	TEST COUNT	ES -MA
CAN	2598.0	U	0140	VOK	CARTWRIGHT	CCG	WEATHER	ES -MA
CAN	2598.0	U	0310	VEN	GRINDSTONE	CCG	WEATHER	ES -MA
CAN	2598.0	U	0040	VFZ	GOOSE BAY	CCG	WEATHER	ES -MA
CAN	4675.0	U	2245		CAMBRIDGE BAY	AERO	WKG JAPAN AIR 417	PAC-UK
CAN	4704.0	U	0410	CJY	ST. JOHNS	CANMIL	WKG VAR AIRCRAFT	RSR-ON
CAN	4755.0	U	1402	XPJ	ST. JOHNS	MARCO	SHIPPING TFC	ES -MA
CAN	5649.0	U	2224	VFG	GANDER	AERO	WKG VAR A/C	JPC-NJ
CAN	6604.0	U	0757	VFG	GANDER	AERO	WEATHER	PK -IL
CAN	6604.0	U	0154	VFG	GANDER	AERO	WX	NRC-MA
CAN	6604.0	U	1223	VFG	GANDER	AERO	WEATHER	RCW-VA
CAN	7335.0	A	0115	CHU	OTTAWA	SFTS	TIME SIGS, FF ID	DLK-CA
CAN	12874.0	C	1515	VCS	HALIFAX	CCG	DE MARKER	RMA-FF
CAN	15035.0	U	1720	CHR	TRENTON	CANMIL	WEATHER FOR CALGARY	FAV-CA
CAN	15035.0	U	2120	VXA	EDMONTON	CANMIL	WEATHER	JEB-CA
CAN	15035.0	U	1631	CHR	TRENTON	CANMIL	WEATHER	GEL-CA
MEX	4269.0	C	1756	XPJT	THULE	GAF	CODED MSGS	JCH-MD
GRL	13201.0	U	0406	XFC	COZUMEL	MARCO	CQ MARKER	DS -CA
USA	1243.0	U	1049	WMU	MONTEBUT	MARCO	ML COCHET TOWING CO.	AHP-NM
USA	2182.0	U	0432	NMA	MIAMI	USCG	WKG M/V SEQUOIA	JFH-MA
USA	2182.0	U	0226	NOY	GALVESTON	USCG	WKG USCGC DURABLE	JFH-MA
USA	2182.0	U	0432	NMF	BOSTON	USCG	WKG F/V GRAND DUCHESS	JFH-MA
USA	2182.0	U	0400	NMA	MIAMI	USCG	WEATHER	POC-NH
USA	2182.0	U	0442	NMF	BOSTON	USCG	WKG 'SEA TREK'	POC-NH
USA	2638.0	U	0415	NMF	BOSTON	USCG	WKG F/V SAN PAULO	JCH-MD
USA	2670.0	U	0510	NMQ	LONGBEACH	USCG	NOTICE TO MARINERS	JFH-MA
USA	2670.0	U	1244	NMN	PORTSMOUTH	USCG	NOTICE TO MARINERS	WOD-PA
USA	2670.0	U	1248	NMY	SHINNECOCK	USCG	CLG HOTEL 2 MIKE INDIA	WOD-PA
USA	2670.0	U	1505	NMC	HUMBOLDT BAY	USCG	WEATHER	GEL-CA
USA	2670.0	U	1410	NMC	SAN FRANCISCO	USCG	NIM	GEL-CA
USA	2670.0	U	0616	NDE	PORT ANGELES	USCG	NIM	JMW-CO
USA	2670.0	U	0610	NDE	NORTH BEND	USCG	NIM	JMW-CO
USA	2670.0	U	0534	NMW	ASTORIA	USCG	NIM	JMW-CO
USA	2670.0	U	0440	NMF	BOSTON	USCG	WKG "GRAND DUCHESS"	JMW-CO
USA	2670.0	U	1049	NMF	BOSTON	USCG	WX	LAS-MA
USA	2670.0	U	0415	NMF	BOSTON	USCG	WKG WAKO	JCH-MD
USA	2670.0	U	0412	NMF	BOSTON	USCG	WKG WAKL	ES -MA
USA	2670.0	U	0310	NMF	BOSTON	USCG	WKG AMERICA 1	ES -MA
USA	2670.3	U	0434	NMA	MIAMI	USCG	MSGS	AJN-NY
USA	2699.0	U	0228	NMG	NEW ORLEANS	USCG	WKG USCGC SALVIA	RMA-IA
USA	3485.0	U	1234	WSY	NEW YORK	AERO	AERO WEATHER	RCW-VA
USA	4063.0	U	1548	WCM	WITHAMSVILLE	MARCO	TFC	RM -IL
USA	4125.0	U	0023	XKV	PINEY POINT	MARCO	WKG TUG ANTORIS	JCH-MD
USA	4143.6	U	1741	KGW	PHILADELPHIA	MARCO	WKG TUGS	JCH-MD
USA	4369.8	U	2320	WLC	ROGERS CITY	MARCO	WEATHER	DS -OH
USA	4391.0	U	0530	WDM	PENNSUCO	MARCO	WEATHER	RT -FL
USA	5320.0	U	0235	NMA	MIAMI	USCG	WKG USCGC DURABLE	AJN-NY
USA	5616.0	U	0722	KEA	NEW YORK	AERO	WKG AIR FRANCE 1304	PK -IL
USA	5692.0	U	0110	NOB	SAN FRANCISCO	USCG	WKG CG 1366	JMW-CO
USA	5692.0	U	0123	NMQ	LOS ANGELES	USCG	WKG CG 1368	JMW-CO
USA	5692.0	U	2034	NMK	CAPE MAY	USCG	WKG CG 1418	JCH-MD
USA	5692.0	U	2353	NOY	GALVESTON	USCG	WKG CG 1426	ES -MA
USA	5692.0	U	2350	NOY	HOUSTON	USCG	WKG CG 1426	ES -MA



USA	5696.0	U	0301	NOY 8	CORPUS CHRISTI	USCG	WKG	CG 2129	AJN-NY
USA	5696.0	U	0030	NMG	NEW ORLEANS	USCG	WKG	CG 1477	AJN-NY
USA	5696.0	U	2220	NOM	MIAMI	USCG	WKG	AIR FORCE RESCUE 824	AJN-NY
USA	5696.0	U	2018	NMA	MIAMI	USCG	WKG	CG 2118	POC-NH
USA	5696.0	U	0211	NOM	MIAMI	USCG	WKG	CG 1704	AJN-NY
USA	5696.0	U	2114	NOS	CAPE COD	USCG	CG	2119	LAS-MA
USA	5696.0	U	0412	NMG 8	NEW ORLEANS	USCG	WKG	CG 1494	LAS-MA
USA	5696.0	U	1944	NOT	TRAVERSE CITY	USCG	WKG	CG 2132	JCH-MD
USA	5696.0	U	0423	NOR	SAN DIEGO	USCG	WKG	CG 2130	JCH-MD
USA	5696.0	U	0424	NMC	SAN FRANCISCO	USCG	WKG	CG 2130	JCH-MD
USA	5696.0	U	2338	NOD	SACRAMENTO	USCG	WKG	SAN FRANCISCO	JCH-MD
USA	5696.0	U	0135	NMW	ASTORIA	USCG	WKG	CG 1435	ES-MA
USA	5696.0	U	2245	NOD	MOBILE	USCG	WKG	CG 1478	ES-MA
USA	5696.0	U	0112	NOR	SAN DIEGO	USCG	WKG	CG 1497	ES-MA
USA	5696.0	U	0220	NOT	TRAVERSE CITY	USCG	WKG	CG 2132	ES-MA
USA	6212.4	U	1955	WKG	GRANITE CITY	MARCO	WKG	"JOYCE HALE"	ET-ME
USA	6365.5	C	1150	KFS	SAN FRANCISCO	MARCO	OSX	MSG	RJC-MA
USA	6506.4	U	0550	NMN	PORTSMOUTH	USCG	WEATHER		AHP-NM
USA	6506.4	U	0545	NMN	PORTSMOUTH	USCG	WKG	USCG SWEETGUM	JCH-MD
USA	6506.4	U	2200	NMN	PORTSMOUTH	USCG	FORECAST		BCW-VA
USA	6521.9	U	0020	WFE	HOUSTON	MARCO	WKG	SHIP H05450	RSR-ON
USA	6521.9	U	2020	KDD	ST. LOUIS	MARCO	WKG	KEVIN FLOWERS	JCH-MD
USA	6730.0	U	1458	AFB	ANDREWS	USAF	P/P	T0 WASH	GEL-CA
USA	8294.2	U	2050	WFE	HOUSTON	MARCO	CLG	WXU 6214	JMW-CO
USA	8465.0	C	0252	NMN	PORTSMOUTH	USCG	CG	MARKER	KR-FL
USA	8545.0	C	1350	NMN	BOSTON	USCG	NOTICES	T0 MARINERS	WOD-PA
USA	8644.0	U	2134	WWD	LA JOLLA	SCRIPP	CLG	WYR 4778	JMW-CO
USA	8706.0	C	0654	KFS	SAN FRANCISCO	MARCO	DE	MARKER	WOD-PA
USA	8740.0	U	0123	WOD	OCEAN GATE	MARCO	VOICE	MARKER	JPC-NJ
USA	8987.0	U	1637	AFI	MCCLELLAN	USAF	WEATHER		GEL-CA
USA	8989.1	U	2035	AFE	MACDILL	USAF	WKG	MC 411	AJN-NY
USA	10050.0	U	1535	KEA 5	NEW YORK	AERO	WOLMET	WEATHER	GEL-CA
USA	11239.0	U	1807	AFI 2	MCCLELLAN	USAFB	AERO	WEATHER	AHP-NM
USA	12432.3	U	1953	KUZ 523	MIAMI	MARCO	WKG	WNJG	JCH-MD
USA	12712.0	C	2103	NOE	NORTH BEND	USCG	CG	MARKER	PAT-CA
USA	12925.5	C	2037	WCC	CHATHAM	MARCO	V	MARKER	KR-FL
USA	12948.0	C	2039	WKM	NEW HAVEN	MARCO	CG	MARKER	KR-FL
USA	12948.0	C	1535	WKM	NEW HAVEN	MARCO	CG	MARKER	RM-IA
USA	13011.0	C	2043	WNU 44	SLIDELL	MARCO	TFC		KR-FL
USA	13113.2	U	1602	NMN	PORTSMOUTH	USCG	WEATHER		WOD-PA
USA	13113.2	U	1634	NMC	SAN FRANCISCO	USCG	WEATHER		WOD-PA
USA	13135.0	U	1800	WLD	MOBILE	MARCO	TFC	LIST	JPC-NJ
USA	13171.7	C	1710	NAM	NORFOLK	NAVRAID	WEATHER		RMA-FR
USA	13330.0	U	2132	KEP 5	HOUSTON	AERO	WKG	PAN AM 20	DS-OH
USA	13350.0	U	1421	KEA 5	NEW YORK	AERO	WKG	AIRCRAFT 5828	PAC-UK
USA	19850.0	C	1634	WFI 77	NEW YORK	AF	QRA	MARKER	RSR-ON
USA	20000.0	A	0518	WVW	FT. COLLINS	SFTS	NOT	ALWAYS AUDIBLE @ TIME	GS-WA

\*\*\* CENTRAL AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COST	4289.9	C	0129	TIM	LIMON	MARCO	CG MARKER	RSR-ON
PANA	5710.0	U	0852	AHF 3	ALBROOK	USAF	WEATHER	WOD-PA
PANA	6683.0	U	0820	AFH 3	ALBROOK	USAF	VOLMET	WOD-PA
PANA	8589.0	C	0532	HPP	PANAMA INTELMA	MARCO	V MARKER	BPS-CA
PANA	8598.0	C	0343	HPP	PANAMA INTELMA	MARCO	DE MARKER	ES-MA
PANA	8993.0	U		AFS	ALBROOK	USAF	WEATHER	JMW-FL
PANA	18019.0	U	1749	AHF 3	ALBROOK	USAF	WKG NAVY WC127	JCH-MD

\*\*\* CARIBBEAN \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	5258.0	C	0240	CMU 967	SANTIAGO	NAVRAID	DE MARKER	RSR-ON
CUBA	5258.0	C	0120	CMU 967	SANTIAGO	NAVRAID	WKG RMYJ	MDC-NY
CUBA	7660.0	C	0915	CLN 78	HAVANA	PTT	WKG CLP 29	RM-IL
CUBA	14950.0	C	2131	CLP 1	HAVANA	MFA	WKG CLP 2	MDC-NY
CUBA	17612.0	C	1350	CLN 573	BAUTA	NAVRAID	CLG UJY 2	FB-FG
CUBA	18188.0	C	2118	COY 895	HAVANA	NAVRAID	CLG RIW	RM-IL
MART	12894.0	C	2033	FUF	FT DE FRANCE	NAVRAID	TFC IN FF	KR-FL
MART	22313.0	C	1635	FUF	FT DE FRANCE	NAVRAID	WEATHER	KR-FL
PR	5598.0	U	0251		SAN JUAN	AERO	WKG SANTA MARIA	NRC-MA
PR	5692.0	U	1912	NMR 26	BORINQUEN	USCG	WKG CG 1704	JCH-MD
PR	8470.8	C	0338	NMR	SAN JUAN	USCG	DE MARKER	ES-MA
PR	8471.0	C	0343	NMR	SAN JUAN	USCG	DE MARKER	TFS-PA
VIRG	4357.4	U	0705	WAH	ST. THOMAS	MARCO	TFC LIST	RM-IL

\*\*\* SOUTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	6460.2	C	0537	LSA 3	BOCA	MARCO	NEWS IN SS	RM-IL
ARGN	8646.0	C	0351	LPD 44	GEN. PACHECO	MARCO	V MARKER	TFS-PA
ARGN	25166.0	U	2054	LPL	GEN. PACHECO	MARCO	VOICE MARKER	RM-IL
ARGN	25197.0	C	2038	LSA 8	BOCA	MARCO	NEWS IN SS	RM-IL
BRZL	4298.0	C	0027	PPD	OLINDA	MARCO	V MARKER	DS-CA
BRZL	12960.0	C	0034	PPD	OLINDA	MARCO	V MARKER	RWK-WA
CHIL	5355.0	C	0932	CCS	SANTIAGO	NAVRAID	V MARKER	RWK-WA
CHIL	9773.0	C	0255	CCS	SANTIAGO	NAVRAID	V MARKER	RM-IL
CHIL	20876.0	L	1855	X0BAFI	CERRO TOLOLO	OBSVTY	P/P VIA FKF 92	MC-AZ
CHIL	22123.0	C	2042	CCS	SANTIAGO	NAVRAID	V MARKER	BPS-CA
ECUA	6678.8	U	0450		GUAYAQUIL	AERO	WKG BOGOTA	RM-IL
URGY	8602.0	C	0345	CWA	CERRITO	MARCO	DE MARKER	ES-MA

\*\*\*EUROPE \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AZOR	4746.0	U	0931	CUW	LAJES	USAF	WEATHER	WOD-PA
AZOR	5598.0	U	0408	CSY	JMVA MARIA	AERO	WKG VIASA 723	JMW-CO
AZOR	6715.0	U	0802	CUW	LAJES	USAF	AERO WEATHER	PK -IL
AZOR	8967.0	U	2300		LAJES	AERO	AERO WEATHER	AJN-NY
AZOR	8967.0	U	1131	CUW	LAJES	USAF	VOLMET	WOD-PA
AZOR	11226.0	U	1241	CUW	LAJES	USAF	P/P	WOD-PA
AZOR	12943.4	C	1700	CUG 27	PONTA DELGADA	MARCO	CQ MARKER	RMA-FR
AZOR	12943.5	C	1612	CUG 27	PONTA DELGADA	MARCO	CQ MARKER	WOD-PA
BUL	12490.0	C	1528	LZW	VARNA	MARCO	DE MARKER	PAC-UK
CYPR	4910.0	C	0057	KWS 78	NICOSIA	EMBASY	QRA MARKER	AJN-NY
CYPR	7627.0	C	0514	KWS 78	NICOSIA	EMBASY	QRA MARKER	AL-MA
CYPR	8463.8	C	1645	SBA	NICOSIA	MARCO	DE MARKER	RMA-FR
EIRE	2182.0	U	2337	EJK	VALENTIA	MARCO	WKG MNHE	POC-MH
EIRE	3016.0	U	0427		SHANWICK	AERO	WKG CLIPPER 114	POC-MH
EIRE	3413.0	U	0413	EIP	SHANNON	AERO	WEATHER	NRC-MA
EIRE	5640.0	U	0715	EIP	SHANNON	AERO	VOLMET	JPC-NY
EIRE	8957.1	U	1833	EIP	SHANNON	AERO	VOLMET	AJN-NY
ENG	2500.0	C	0420	MSF	LONDON	SFTS	CW ID	POC-MH
ENG	4722.0	U	0205	MVU	WEST DRAYTON	VOLMET	WEATHER BCST	RSR-ON
ENG	7940.0	U	2130		LONDON	RAF	TELCOM TFC	RM -IL
ENG	8921.0	U	0210		LONDON	AERO	WKG SPEEDBIRD 212	AJN-NY
FIN	2182.0	U	2155	OFW	VAASA	MARCO	ALL SHIPS CALL	PAC-UK
FRAN	4232.0	C	0404	HWN	PARIS	NAVRAV	V MARKER	NRC-MA
FRAN	4590.0	C	0359	FUG	LA REGINE	NAVRAV	V MARKER	NRC-MA
FRAN	6349.5	C	0030	HWN	PARIS	NAVRAV	V MARKER	BJ -TX
FRAN	10582.5	L	0709	FPK 58	PARIS	PTT	TELCOM TFC	RM -IL
FRAN	17316.6	L	1655	FFL 81	ST. LYS	MARCO	PHONE PATCH TFC	RSR-ON
FRG	11039.0	C	1253	DDH 9	HAMBURG	METEO	WEATHER	RM -IL
FRG	12764.0	U	1617	DAM	NORDEICH	MARCO	QRA MARKER	AJN-NY
GIBR	6371.3	C	0600	GYU 3	GIBRALTER	NAVRAV	DE MARKER	WOD-PA
GIBR	8625.5	C	0321	GYU	GIBRALTER	NAVRAV	DE MARKER	BJ -TX
GIBR	12824.0	C	1655	GYU	GIBRALTER	NAVRAV	DE MARKER	RMA-FR
GIBR	15737.0	L	1447		GIBRALTER	RAF	TELCOM TFC	RM -IL
GREE	8454.2	C	1535	SVA	ATHENS	MARCO	WEATHER	RMA-FR
ITLY	2290.7	C		IDQ 3	ROME	NAVRAV	SHIP POSITIONS	RMA-FR
ITLY	2291.0	C	0415	IDQ	ROME	NAVRAV	DE MARKER	POC-MH
ITLY	3038.6	C		IDR 8	ROME	NAVRAV	V MARKER	RMA-FR
ITLY	4615.6	C	0335	IDR 2	ROME	NAVRAV	V MARKER	JMW-CO
ITLY	8656.0	C	0245	JAR	ROME	MARCO	V MARKER	KR -FL
NDR	2182.0	U	1948	OFU	KOTKA	MARCO	ALL STATIONS CALL	PAC-UK
NDR	8891.0	U	0450		BODO	AERO	CLG KOREAN 902	RM -IL
POL	7600.0	C	0585	SRN	WARSAW	AERO	WEATHER	RMA-FR
PORT	9556.8	C	1800	SPE 31	SIZCEJIN	MARCO	TFC LIST	DS -CA
PORT	4306.0	C	0409	CTV	LISBON	NAVRAV	V MARKER	NRC-MA
PORT	6389.0	C	0217	CTP	QETRAS	NATO	V MARKER	RMA-FR
ROMA	8459.0	C	1530	YGI 4	CONSTANTA	MARCO	DE MARKER	PAT-CA
SPAN	6840.0	C	0247	EBC	CADIZ	NAVRAV	TIME SIGS., TENTATIVE ID	RMA-FR
SPAN	8446.8	C	1540	72JKL	MADRID	NAVRAV	DE MARKER	RSR-ON
SWIS	4259.0	C	0123	HEB	BERNE	MARCO	CQ MARKER	IK -UK
USSR	4696.0	U	0016		ALMA ATA	AERO	WKG AKTYUBINSK AERO	FB -FG
USSR	6745.5	C	2214	RFNV	MOSCOW	AERO	WEATHER	RMA-FR
USSR	8505.8	C	1700	UDH	RIGA	MARCO	CQ MARKER	MC -AZ
USSR	8515.0	C	0610	UFL	VALADIVOSTOK	MARCO	CQ MARKER	PAC-UK
USSR	8546.0	C	0842	UHK	BATUMI	MARCO	CLG UDMK	FB -FG
USSR	11049.0	C	1130	RTW	MOSCOW	NAVRAV	5D GROUPS	MDC-NY
USSR	14556.0	C	1345	RTW	MOSCOW	NAVRAV	WKG RMYJ	EZ -HE
USSR	14996.0	A	1339	RWM	MOSCOW	SFTS	CW ID, TIME SIGNALS	

\*\*\* AFRICA/MIDDLE EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALGE	8893.9	U	0100		ALGIERS	AERO	WKG CALEDONIAN 212	AJN-NY
ALGE	10995.0	C	1125	7RQ 20	EL DJAZA'IR	MFA	TFC TO MADRID	FB -FG
ALGE	12661.8	C	1630	7TA 8	ALGIERS	MARCO	CQ MARKER	RMA-FR
BRAN	5538.0	U	2200		BAHRAIN	AERO	WKG GULF 026	PAC-UK
CAME	8903.0	U	0023		GAROUA	AERO	WKG GABON 604	JMW-CO
ISRL	4379.0	C	0525	4XZ	HAIFA	NAVRAV	V MARKER	BJ -TX
ISRL	8693.0	C	2205	4X0	HAIFA	MARCO	CQ MARKER	EZ -HE
LIBE	4886.0	C	0232	KKN 44	MONROVIA	EMBASY	QRA MARKER	RSR-ON
LIBE	8861.0	U	0133	ELRB	MONROVIA	AERO	WKG DAKAR AERO	JMW-CO
LIBE	11474.0	C	1040	KKN 44	MONROVIA	EMBASY	CLG KGD 52	RM -IL
LIBE	11474.4	C	0253	KKN 44	MONROVIA	EMBASY	QRA MARKER	AJN-NY
LYBA	5658.0	U	0034		TRIPOLI	AERO	WKG KENYA 114	IK -UK
LYBA	8515.0	C	0834	5AT	TRIPOLI	MARCO	V MARKER	PAC-UK
NIBR	8903.0	U	0356	5NK	KANO	AERO	WKG IM 2789	NRC-MA
REUN	4332.0	C	0110	FUX	SAINT DENIS	NAVRAV	V MARKER	PAT-CA
REUN	8475.6	C	0234	FUX	SAINT DENIS	NAVRAV	V MARKER	NRC-MA
REUN	13215.3	C	1515	FUX	SAINT DENIS	NAVRAV	V MARKER	RMA-FR
SAUD	8484.2	C	1655	HZG	DAMMAN	MARCO	DE MARKER	RMA-FR
SAUD	11300.0	U	1339	HZJ	JEDDAH	AERO	WKG KHARTOUM	PAC-UK
SENE	8690.0	C	1819	6VA	DAKAR	MARCO	MANUAL CQ	PAC-UK
SENE	12656.0	C	1742	6VA	DAKAR	MARCO	CQ MARKER	FWB-NJ
SENE	13409.6	C	1645	6WW	DAKAR	NAVRAV	V MARKER	RMA-FR
SENE	16947.6	C	1525	6VA 7	DAKAR	MARCO	CQ MARKER	WOD-PA
SOAF	8565.4	C	1805	ZSJ 4	CAPTOWN	NAVRAV	CQ MARKER	RMA-FR
SOAF	8576.2	C	1810	ZSD 45	CURBAN	MARCO	CQ MARKER	RMA-FR
SOAF	12848.5	C	1645	ZSJ 5	CAPTOWN	MARCO	CQ MARKER	RMA-FR
SUDN	5658.0	U	0011	STK	KHARTOUM	AERO	TFC	AJN-NY
SUDN	11300.0	U	1338	STK	KHARTOUM	AERO	WKG JEDDAH	PAC-UK
TANZ	8879.0	U	0432		DAR ES SALAAM	AERO	WKG ETHIOPIA 930-727	JCH-MD

\*\*\* ASIA/FAR EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
HONG	8828.0	U	1145		HONG KONG	AERO	TIME SIGS, ID	NRCA-MB
HONG	17096.0	C	0028	VPS 80	VICTORIA ISLE	MARCO	DE MARKER	BPS-CA
INDI	8674.4	C	1844	VHM	MADRAS	MARCO	XXX SAFETY MSG	PAC-UK
INDI	12966.5	C	1156	VMB	BOMBAY	MARCO	V MARKER	PAC-UK
JPAN	4305.0	C	0825	JNA	TOKYO	MARCO	CQ MARKER	RWK-WA
JPAN	4330.0	C	0828	JOS	NAGASAKI	MARCO	CQ MARKER	RWK-WA
JPAN	4335.0	C	0830	JCK	KOBE	MARCO	CQ MARKER	RWK-WA
JPAN	8647.5	C	0315	JDC	CHOSI	MARCO	CQ MARKER	BJ -TX
JPAN	8647.5	C	0527	JDC	CHOSI	MARCO	CQ MARKER	BPS-CA
JPAN	13054.2	C	0133	JDC	CHOSI	MARCO	CQ MARKER	BPS-CA
JPAN	13063.0	C	0136	JDB	NAGASAKI	MARCO	CQ MARKER	BPS-CA
JPAN	13201.0	U	2320	AIF 2	YOKOTA	USAF	WKG CANMIL 511	JCH-MD
JPAN	16882.0	C	0113	JOU	NAGASAKI	MARCO	CQ MARKER	BPS-CA
JPAN	16988.0	C	0126	JDC	CHOSI	MARCO	CQ MARKER	BPS-CA
JPAN	16993.2	C	0117	JOS	NAGASAKI	MARCO	CQ MARKER	BPS-CA
JPAN	17043.2	C	0013	JCU	CHOSI	MARCO	CQ MARKER	BPS-CA
JPAN	17166.4	C	0053	JCT	CHOSI	MARCO	CQ MARKER	BPS-CA
PRC	12969.0	C	0128	XSV	TIANJIN	MARCO	CQ MARKER	BPS-CA
SING	6556.0	U	1408	9VA 40	SINGAPORE	AERO	WKG SINGAPORE 37	GEL-CA

\*\*\* PACIFIC \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	6680.0	U	0821	VLS	SYDNEY	VOLMET	WEATHER	PAT-CA
AUST	8597.0	C	2215	VIP 3	PERTH	MARCO	V MARKER	WOD-PA
AUST	8975.0	U	0531	AXF	MADYNE	NAV	WKG TOWNSVILLE	JCH-MD
AUST	9940.0	U	0600	VJM	MACQUARIE ISLE	NAVAD	TFC	GS -WA
AUST	11387.0	U	1300	VLS	SYDNEY	VOLMET	WEATHER	JDM-TL
AUST	17161.3	C	0045	VIS 6	SYDNEY	MARCO	V MARKER	BPS-CA
CARD	5205.0	U	0900	KUP 67	TRUK	MARCO	WKG PONAPE	GS -WA
CARD	5205.0	U	0604	KUS 91	MOKIL ISLE	MARCO	WKG KUP 66	MC -AZ
CARD	5205.0	U	0636	KUP 89	KAPINGAMARANGI	MARCO	WKG KUP 66	MC -AZ
CARD	5205.0	U	0550	KUP 66	PONAPE	MARCO	WKG KWQ 24	MC -AZ
CARD	5205.0	U	0643	KUP 76	KOSRAE ISLE	MARCO	WKG KWQ 77	MC -AZ
FFPD	6462.0	C	0512	FUM	PAPEETE	NAVAD	V MARKER	BPS-CA
FFPD	8625.0	C	0433	FUM	PAPEETE	NAVAD	V MARKER	NRC-MA
FFPD	17380.0	C	0102	FUM	PAPEETE	NAVAD	V MARKER	BPS-CA
Fiji	3645.0	U	0758	3DN	NANDI	AERO	WKG QUANTAS 17	JMW-CO
HI	5645.0	U	1449	KUA	HONOLULU	AERO	WKG CONTINENTAL 2	GEL-CA
HI	5696.0	U	0421	NMO	HONOLULU	USCG	WKG CG 2126	JCH-MD
HI	4532.0	U	1423	KUA	HONOLULU	AERO	TFC TO JAPAN AIR 72	GEL-CA
HI	6738.0	U	0516	AGA 2	HICKAM	USAF	WKG JP 006	JCH-MD
HI	8828.0	U	1207	KUA	HONOLULU	AERO	WKG WX	NRC-MA
HI	13201.0	U	1735	AGA 2	HICKAM	USAF	WKG NAVY YQ 495	JCH-MD
KERM	7890.0	U	0521	ZME 20	RAOUL ISLE	NAVAD	WEATHER VIA P/P ZLZ 51	MC -AZ
KERM	9950.0	U	0620	ZME 3	RAOUL ISLE	MARCO	P/P VIA ZLZ 51	MC -AZ
NZEL	6393.5	C	1350	ZLB	AWARUA	MARCO	DE MARKER	PAT-CA
NZEL	6679.0	U	0623		AUCKLAND	AERO	VOLMET WX	RM -IL
NZEL	6679.0	U	1050	ZKAK	AUCKLAND	VOLMET	WEATHER	JDM-FL
NZEL	8598.5	C	0429	ZLO 4	WAIOURU	NAVAD	DE MARKER	NRC-MA
NZEL	8828.0	U	1250	ZKAK	AUCKLAND	VOLMET	WEATHER	JDM-FL
NZEL	8828.0	U	1150	ZKAK	AUCKLAND	VOLMET	WX	NRC-MA
NZEL	8997.0	U	0939		CHRISTCHURCH	AERO	WKG MAC CENTER	EZ -ME

\*\*\* ATTY \*\*\*

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
1452.0	1720	74-850N	72JKL	MADRID	NAVAD	SPAN	RYS. FREQ NOT A TYPO	RMA-FR
2538.0	1850	ARG	DAN	NORRDEICH	MARCO	FRG	MSG	RMA-FR
3209.0	0240	75-170R	NMG	NEW ORLEANS	USA	DE MARKER		RMA-IA
4353.5	1830	ARG	GKA	PORITISHEAD	MARCO	ENG	TFC	RMA-FR
4354.2	0600	FEC	VAI	WANCOUVER	CCG	CAN	WX	RMA-FR
4632.5	0333	ARG	DEB	WIESBADEN	INTRPL	FRG	TFC TO PPC55, BRASILI	GWA-WA
5190.0	2144	50-425N	BZC 75	URUMQI	METEO	PRC	WEATHER	FB -FG
5314.8	1205	50-425N	BZJ 21	HANGZHOU	METEO	PRC	RYS	MC -AZ
5423.0	0202	50-425R	6VU	DAKAR	ASECNA	SENE	RYS	JFH-MA
5457.0	0300	50-425R	LZF 9	SOFIA	METEO	BULG	NO ID, RYS. TENTATIVE	KR -FL
5847.1	0212	50-425	TUH	ABIDJAN	ASECNA	IVRY	RYS	AJN-NY
6499.5	0305	FEC	FFL	ST. LYS	MARCO	FRAN	TFC TO DIKT	AL -MA
6501.5	1347	ARG	WLO	MOBILE	MARCO	USA	TFC	AL -MA
6504.0	1800	ARG	PCH	SCHVEINGEN	MARCO	HOLL	TO SAN JUAN	RMA-FR
6736.0	0104	50-850N	ETD 3	ADDIS ABABA	AERO	ETHO	MSG	FB -FG
7660.0	2318	50R	XVT 56	HANOI	PTT	VJET	TEST TO BANGKOK	AM -UK
7812.0	0218	50-170R	GVU	GIBRALTAR	NAVAD	GIBR	FOXES	FB -FG
7954.2	0006	50R	HJ 31	BANGKOK	PTT	THAI	TEST TO HANOI	AM -UK
7960.2	1510	50-425R	EPO 5	BANGKOK	NAVAD	THAI	TEST TO HANOI	AM -UK
8071.3	0200	50-425R	AWD	TEHRAN	IRNA	IRAN	EE NEWS	GWA-WA
8328.5	1730	ARG	BEQ2	DELHI	AERO	INDI	RYS	FB -FG
8336.0	1740	75R	RETJ	MADRID	NAVAD	SPAN	TFC	RMA-FR
8352.0	1607	ARG	PCH	SCHVEINGEN	MARCO	HOLL	TO LOS ANGELES	RMA-FR
8707.0	2205	ARG	WLO	MOBILE	MARCO	USA	WKG DHRG	RMA-FR
8708.5	1810	FEC	FFT 41	ST. LYS	MARCO	FRAN	WEATHER	AL -MA
8712.0	2152	ARG	WLO	MOBILE	MARCO	USA	WKG OZSV	AL -MA
8712.0	2213	ARG	WLO	MOBILE	MARCO	USA	WKG ELAE 8	AL -MA
8907.0	1715	75R	BXT 9	DELRH	EMBASY	PRC	ANYONE QTH?	RMA-FR
9044.0	0213	50-425N	GHH	JAMESTOWN	METEO	STHL	RYS, WX	FB -FG
9052.0	1947	50-425N	ISY 70	ROME	ANSA	ITALY	EE NEWS	DS -OH
9068.7	0257	50-425R	6VU	DAKAR	ASECNA	SENE	RYS	AJN-NY
9070.0	0411	50-450R	6VU	DAKAR	ASECNA	SENE	DE MARKER	AL -MA
9153.8		50-VN	D4B	PEDRO LUME	AERO	CAPE	RYS	FD -OH
9154.0	0235	50-150	D4B	PEDRO LUME	AERO	CAPE	DE MARKER	AL -MA
9213.0	0455	75N	ZLK 47	CHRISTCHURCH	NAVAD	ZEPL	TFC	AM -UK

9226.2	0625	50-425N	TJK	DOULA	ASECNA	CAME RYS	MC -AZ
10175.0	0030	75-850R	CXR	MONTEVIDEO	NAVRAD	URGY DE MARKER	RMA-IA
10220.0	1950	50R	CLN	HAVANA	PIT	CUBA RYS	RJC-MA
10686.0	1343	50-425R	9DM 17	TEHRAN	METE0	IRAN WX	FB -F6
10730.5	1019	50-170N		TRIPOLI	EMBASY	LYBA ALGE EMB. WK6 RECU	FB -F6
10730.5	1154	50-170N		TEHRAN	EMBASY	IRAN ALGE EMB. TO RECU	FB -F6
10730.5	1045	50-170N	7RP 90	MADRID	EMBASY	SPAN ALGE EMB. TFC TO RECU	FB -F6
10730.5	1009	50-170	7RQ 20	EL DJAZA'IR	MFA	ALGE WK6 RABAT	FB -F6
10965.0	1425	50-850N	JVN 41	AMMAN	AERO	JORD WEATHER	FB -F6
11000.0	1015	50-425R	Y7B 73	ROME	AMBASY	ITLY GDR EMB. 6G NEWS	FB -F6
11027.5	1904	50-425R	9PL	KINASHA	AERO	ZIRE RYS	FB -F6
11035.0	1250	50-425R	UKS	BARENTSBURG	SAAAMC	NOR MSGS TO MOSCOW	FB -F6
11230.0	1355	50-425N	HMR 56	PYONGYANG	KCNA	NOKO FF NEWS	DS -OH
11434.6	1152	50N	VNV 130	SYDNEY	AAP	AUST EE NEWS	AM -UK
11456.0	1625	50R	Y2H 7	BERLIN	DP	GDR RYS	RMA-FR
11536.5	1935	50-350N		PYONGYANG	KCNA	NOKO FF NEWS	JEB-CA
12186.2	1815	50-425R		TRIPOLI	JANA	LYBA EE NEWS	GWA-WA
13083.5	1440	ARQ	WLO	MOBILE	MARCO	USA WEATHER	DS -OH
13093.5	1502	ARQ	DXZ	LYNGBY	MARCO	DEN WK6 M/S AM. REEFER	DS -OH
13729.0	1025	75N	EBK	LAS PALMAS	NAVRAD	CNRY DE MARKER	AM -UK
13948.6	1650	100N	Y7F 54	ALGIERS	EMBASY	ALGE GDR EMB. QRA MARKER	AM -UK
14412.0	0937	50-425R	Y7B 26	SOFIA	EMBASY	BULG GDR EMB. 6G NEWS	FB -F6
14415.0	1356	50-425R	Y7F 7	BAGHDAD	EMBASY	IRAQ GDR EMB. TO DAMASCUS	FB -F6
14462.5	0615	100N	Y7G 41	ULAN BATOR	EMBASY	MONG GDR EMB. RYS	AM -UK
14463.0	0856	100R	Y7B 23	MOSCOW	EMBASY	USSR GDR EMB. TO BERLIN	AM -UK
14497.8	1547	50N	XVZ	HO CHI MINH	AERO	VIET RYS	AM -UK
14638.2	1735	75-425N	WFK 54	NEW YORK	USIA	USA SS NEWS	GWA-WA
14785.0	1020	50-425N	ATP 65	NEW DELHI	INFOIN	INDI EE NEWS	FB -F6
14817.5	0230	ARQ	IUV 81	ROME	INTRPL	ITLY EE/SS/FF TFC	GWA-WA
14817.6	1600	ARQ	AYA	BUENOS AIRES	INTRPL	ARGN BULLETINS IN SS	DS -OH
14901.2	1622	50-425N	CLN 451	BAUTA	TASS	CUBA EE NEWS	GWA-WA
14937.5	1510	50-425R	SUA	NTAMEY	ASECNA	NIGR WEATHER	FB -F6
15560.3	1800	50R	RFFN	MONSANTO	NAVRAD	PORF FOXES	RMA-FR
15667.5	1620	50-425R	FDY	ORLEANS	FAP	FRAN RYS	GWA-WA
15729.2	1205	ARQ	PCW 5	CAIRO	EMBASY	EGPT HOLL EMB. TO THE HAGU	AM -UK
16107.5	1143	ARQ	HDW 48	RIYDAD	EMB	SAUD SWISS EMB. TO BERNE	AM -UK
18765.4	1720	75-850N	WBR 70	MIAMI	METE0	USA WX	GWA-WA
19015.3	1355	50-850R	PMZ 33	RIO DE JANIE	NAVRAD	BRZL WK6 MONSANTO NAVRAD	RMA-FR
19100.3	1103	50N	S2M 33	DHAKA	BSS	BANG ANNOUNCEMENTS	RMA-FR
19747.9	1200	50R	6VY 41	DAKAR	AERO	SENE METEO	RMA-FR

\*\*\* SHIPS \*\*\*

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	0514	CG 2959	CCGC LEONARD J CALLEY	WK6 ST. JOHNS	DS -OH
2182.0	U	0228	VL6D	M/T TEXACO BRAVO	WK6 M/T NORTH. SHELL	JFH-MA
2182.0	U	0350	VY 2308	M/V VICUNA	CLG VCM	POC-NH
2182.0	U	2318	VY 3823		CLG VCS	POC-NH
2182.0	U	2320	WX 4380	F/V TERRI LEE	WK6 SANDY HOOK	JFH-MA
2612.0	R	0430	NBMT	USCGC POLAR STAR	WK6 NMC	DS -OH
2670.0	U	0218	WYU 9867	M/T TEXACO TAMPA	WK6 CAPE HATTERAS	JFH-MA
2716.0	U	0259		USS MCCCLUSKY	WK6 SAN DIEGO	MC -AZ
2716.0	U	2346		USS BARNEY	WK6 NORFOLK	JCH-MD
4063.0	U	0430		ROYAL POLARIS	KMI	JCH-MD
4066.1	U	0515		USS JOHN F KENNEDY	WK6 P/P THRU NORFOLK	JFH-MA
4066.1	U	0724		USS RENTZ	P/P VIA SAN DIEGO	MC -AZ
4066.1	U	1535		USS GUAM	WK6 NORFOLK ICSB	AL -MA
4066.1	U	1756		USS MILWAUKEE	WK6 NORFOLK	JCH-MD
4066.1	U	0211	NCVV	USS CARL VINSON	P/P VIA SAN DIEGO	MC -AZ
4066.1	U	0645	NIGM	USS ENTERPRISE	P/P VIA SAN DIEGO	MC -AZ
4066.1	U	0304	NTYL	USS TRUXTON	P/P VIA SAN DIEGO	MC -AZ
4069.2	U	2115	GBTT	GE II	WK6 WOM	JCH-MD
4090.0	U	0124	LITA	M/V NORWAY	WK6 WOO	EZ -ME
4090.9	U	0423	LITA	NORWAY	WK6 WOO	JCH-MD
4109.0	U	1520	41XB	M/V ZIM TOKYO	WK6 WOO	DS -OH
4112.6	U	0434	LENA	SS SONG OF NORWAY	WK6 WOM	JCH-MD
4400.8	U	0125	NDD5	USCGC SALVIA	WK6 NEW ORLEANS	DS -OH
4400.8	U	0330	NRPF	USCGC PAW PAW	WK6 50PS VIA NMA	JFH-MA
4407.0	U	0036	3E1C 2	M/V CARIBE ONE	WK6 WOM	EZ -ME
4407.0	U	0022	HPFG	M/V FESTIVALE	WK6 WOM	EZ -ME
5320.0	U	0418	NACN	USCGC PETREL	WK6 USCGC LIPAN	JFH-MA
5320.0	U	1155	NBRM	USCGC POINT MONROE	WK6 GALVESTON	JDW-FL
5320.0	U	1215	NRVZ	USCGC CAPE YORK	WK6 MIAMI	JDW-FL
5696.0	U	0136	NIPD	USCGC CAPE FOX	WK6 NMA	JFH-MA
5696.0	U	1259	NJGJ	USCGC POINT CHARLES	WK6 MAYPORT	JDW-FL
6200.0	U	1222		USCGC GENTIAN	WK6 NNN	AL -MA
6200.0	U	1400		USS BLOVER	WK6 NMA	AL -MA
6200.0	U	0702	GPHH	F/V FARNELLA	WK6 NMC	JFH-MA
6200.0	U	1239	NLFG	USCGC NORTHLAND	WK6 NNN	AL -MA
6200.0	U	1932	NLPM	USCGC CHASE	WK6 NNN	AL -MA
6200.0	U	1150	NYCB	USCGC BUTWELL	WK6 NMC	AL -MA
6200.0	U	1314	MMVF	R/V ALBATROSS	WK6 NNF	AL -MA
6200.0	U	0542	WNWG	MCDERMOTT BARGE #28	WK6 HONOLULU	JFH-MA
6200.0	U	1320	WRGO	SS SAN JUAN	WK6 NNN	AL -MA
6200.0	U	1227	WYA 4674	R/V NEW HORIZON	WEATHER TO S.F.	MC -AZ
6200.0	U	1244	WZR 8532	R/V CALANUS	WK6 NNN	AL -MA
6263.6	R	0410	6ZBE	M/V GARYVILLE	WK6 WLO	GWA-WA
6263.6	R	0350	DWBI	JEPESEN MAERSK	WK6 WLO	GWA-WA
6289.0	C	0142	USJE	TH KOSMONAUT	MSG6	FWR-NJ
6290.0	C	0016	3FOS 2	M/T PRINCE EIRAC	MSG6 TO GKD	FWR-NJ
6292.0	C	0131	ELCJ 7	M/S BANTA	MSG6 TO WCC	FWR-NJ
6294.0	C	0418	3EAX 4	FIDESTAR	MSG6 TO FFL	FWR-NJ
6303.0	C	0118	3EXD 2	DONPAFU	MSG6 TO WCC	FWR-NJ
6307.0	C	0109	P3EB	M/V JUHANNA SCHULTE	MSG6 TO PJC	FWR-NJ

6309.0	C	2342	HOYS	M/V ARGOLIKOS	MSGS TO PJC	FWB-NJ
6312.0	C	0404	XCQT	R/T QUETZALCOATL	MSGS TO HPP	FWB-NJ
6320.0	U	0211		USCGC SHEARWATER	WKG NOK	AL -MA
8204.3	U	0020	WYX 6054	M/V VULTAVA	WKG KMI	EZ -ME
8207.4	U	2232	HO 8720	M/S OCEAN ZEPHYR	WKG WDM	DS -OH
8241.5	U	2035	GYGN	HMS DIOMEDE	WKG P/P VIA PORTISHD	JFH-MA
8241.5	U	1802	WYS 3261	M/V GERONIMO	WKG NMN	JFH-MA
8288.0	U	0025	ABBN	WESTERN LION	P/P VIA ROMA RADIO	RM -IL
8288.0	U	1611	LAPJ	M/V NORDIC PRINCE	WKG WDM	EZ -ME
8297.7	R	0110	LYET		WKG URG 2	GWA-WA
8298.5	R	0038	UJKE	TR PRIBO J	CLG UJY	RMA-IA
8299.8	R	0725	UOZQ	AKVAMARIN	RYG TO UJY	MC -AZ
8346.0	U	2217	LNVP	SONG OF NORWAY	ARQ TO WLO	AL -MA
8346.0	R	0106	ULBV	TK PAVEL DYBENKO	WKG UFN	FB -FG
8346.0	R	2353	ULBV	TK PAVEL DYBENKO	RYG	JEB-CA
8346.2	R	0140	JXKA	M/T NYHORN	TFC	GWA-WA
8347.0	R	2235	UYCY	TK DZORDANO BRUNO	WKG UFN	FB -FG
8348.5	R	0138	UOUD	TH NOVOTROITSK	WKG UNG	RMA-IA
8349.0	R	0420	JANE	ANANGEL SKY	WKG ATHENS MARCO	RMA-IA
8349.0	R	0405	SXRC	M/V PANAGIDIS L	WKG ATHENS MARCO	RMA-IA
8350.0	R	0128	UIGU	TK ASHKHABAD	TFC	JEB-CA
8350.5	R	0428	UYHL	TK KOSMOPLETIS LENINGR	WKG NVR	RMA-IA
8363.6	C	1744	SYTD	GEOGRLOS A.	CLG SVB	FB -FG
8365.2	C	1801	SPKX	LEWANT II	CLG SPH	FB -FG
8379.0	C	0033	SWPP	M/V AMORGAS	MSGS	FWB-NJ
8385.0	C	2354	DNKW	JONNY WESCH	MSGS	FWB-NJ
8385.0	C	0553	GYCJ	PALUDINA	QBS	FWB-NJ
8393.0	C	0542	SLJO	OLYMPIC BRILLIANCE	MSGS TO GKC	FWB-NJ
8394.0	C	0408	3F0Z 2	M/V APMAN 2	MSGS TO PPO	FWB-NJ
8402.0	C	0525	3FEF 2	SS THE VICTORIA	MSGS TO GKC	FWB-NJ
8403.0	C	0004	ATSA	M/V JALADOVINTI	QBS TO NMN	FWB-NJ
8405.0	C	2146	5YGO	M/V PHILIPPI	MSGS TO WOE	FWB-NJ
8811.9	U	2155	3EQN	M/V MARDI GRAS	WKG WDM	EZ -ME
8811.9	U	2232	LKQH	M/V SKYWARD	WKG WDM	EZ -ME
12498.6	R	2215	LIZA	M/S SUN VIKING	WKG WDM	GWA-WA
12499.0	R	1728	UHMQ	ST MAKSIN KHOMYAKOV	WKG UFB	FB -FG
12520.0	R	2327	USLI	TKH IVAN FRANKO	RYG	JEB-CA
12521.5	R	0851	EUKJ	MB 137	RYG	FB -FG
12524.0	R	1314	UHHJ	TK TAIMYR	WKG UXN	FB -FG
12525.0	R	0935	UIJA	TK DRGDBYCH	RYG	FB -FG
12525.5	R	1610	UNDT	RTMS TRUZHENIK MORYA	WKG MRH	RMA-IA
12567.0	C	1817	3ECI 3	M/V ZAMIA	MSGS TO WCC	FWB-NJ
12578.0	C	2111	3FBN 2	M/V AQUATOY	MSGS TO PPO	FWB-NJ
12582.0	C	1754	SZTJ	M/V GOLDEN EAGLE	MSGS	FWB-NJ
12586.0	C	2127	WEHV	QVERSEAS ALASKA	AMVR TO NMN	FWB-NJ
12590.0	C	1853	IBVS	M/C CIELO DI SALERNP	MSGS	FWB-NJ
16722.0	C	1630	ELBT 8	M/V LONTUE	MSGS TO HPP	FWB-NJ
16754.0	C	1654	UIEU	M/V PETR TOMASEVICH	MSGS	FWB-NJ
16756.0	C	1700	EHQE	M/V ALCA	MSGS	FWB-NJ
16770.0	C	1730	EAAE	SS CASTILLO DE LOPERA	MSGS	FWB-NJ
16787.0	C	1620	C6CO	M/T NORSE FALCON	MSGS TO UNID STA	FWB-NJ
16803.0	C	1554	9VRD	M/V MEDITERRANEAN SUN	MSGS TO GKD	FWB-NJ
16818.0	C	1523	LEZO	LANGFONN	MSGS TO LGX	FWB-NJ
16822.0	C	1553	ABKQ	AMAZON VENTURE	MSGS TO GKB	FWB-NJ
16822.0	C	1616	HPKW	PRIMERA PEAK	MSGS TO HPP	FWB-NJ
16828.0	C	1950	9HXG	M/V THANASSIS	MSG TO WCC	FWB-NJ
16830.0	C	1501	ELDK 8	GOGO REGENT	AMVR TO NMR	FWB-NJ

\*\*\* AERO \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3016.0	U	0040	BALAIR 691	WKG GANDER	JDW-FL
3016.0	U	0430	TWA 904	WKG CSA	PCC-NH
3123.0	U	0212	CG 1502	WKG PORTSMOUTH	JPC-NJ
3413.0	U	1051	TIGER 2701	WKG SAN FRANCISCO AERO	RWK-WA
5535.0	U	0655	BOAC 216	WKG LONDON	JPC-NJ
5535.0	U	0700	EASTERN 917	WKG BERMUDA	JPC-NJ
5535.0	U	0129	SPEEDBIRD 174	WKG LONDON	JPC-NJ
5535.0	U	0448	SPEEDBIRD 292	WKG SPEEDBIRD LONDON	DS -OH
5550.0	U	1020	AMERICAN 60	WKG NEW YORK	JDW-FL
5550.0	U	0244	CG 1502	WKG NY OCEANIC	JPC-NJ
5550.0	U	0007	CIANA 711	WKG SAN JUAN	JDW-FL
5550.0	U	0217	MAC 70016	WKG NY OCEANIC	JPC-NJ
5574.0	U	0743	AMERICAN 367	WKG SAN FRANCISCO	JPC-NJ
5574.0	U	1135	UNITED 184	WKG SAN FRANCISCO	JDW-FL
5598.0	U	0144	GERMAN AIR FORCE 471	WKG GANDER	DS -OH
5598.0	U	0113	SPEEDBIRD 258	WKG SANTA MARIA	JDW-FL
5598.0	U	0345	WEST INDIAN 900	WKG NEW YORK AERO	JMW-CO
5628.0	U	1147	JAPAN AIR 04	WKG HONOLULU	JDW-FL
5643.0	U	1232	ZULU 690	WKG NANDI	JDW-FL
5680.0	U	2226	CG 2119	WKG USCGC BEAR	JPC-NJ
5680.0	U	2329	RESCUE 01	RAF WKG RESCUE 71	JCH-MD
5692.0	U	0438	CG 1389	WKG CAPE MAY	JFH-MA
5696.0	U	0120	CG 02	WKG MIAMI	ES -MA
5696.0	U	1751	CG 02	WKG CG 1502	JCH-MD
5696.0	U	0624	CG 1426	WKG NMN	JFH-MA
5696.0	U	1951	CG 1447	WKG TRAVERSE CITY	PCC-NH
5696.0	U	2205	CG 1490	WKG PORTSMOUTH	JPC-NJ
5696.0	U	0714	CG 1491	WKG MMF	JFH-MA
5696.0	U	2310	CG 1711	WKG MIAMI	JPC-NJ
5696.0	U	1242	CG 2112	WKG MOBILE	JDW-FL
5696.0	U	0112	CG 2127	CLG SAN FRANCISCO	AJN-NY
5696.0	U	1254	CG 2139	WKG BORINGUEN AIR	JDW-FL
5696.0	U	0050	FIRE DEPT RESCUE 1	WKG PORTSMOUTH	JPC-NJ



5696.0	U	0114	NAVY 1803	WKG	KODIAK	JPC-NJ
5696.0	U	2335	RESCU 2139	WKG	BORINQUEN	JPC-NJ
6577.0	U	0031	MAC 67006	WKG	SAN JUAN	JDW-FL
6649.0	U	0142	NAVY ECHO ROMEO 459	WKG	PANAMA RADIO	JDW-FL
6693.0	U	1937	CANADIAN MIL. 0112	WKG	HALIFAX	JPC-NJ
6715.0	A	1215	SAM 24126	WKG	ANGELO	AHP-NM
6715.0	U	0124	SAM 24129	WKG	ANDREWS	WOD-PA
6730.0	L	1523	SAM 24130	WKG	ANDREWS	DS -OH
6730.0	L	1410	SAM 26000	WKG	ANDREWS	DS -OH
6730.0	L	2036	SAM 86970	WKG	ANDREWS	DS -OH
6731.0	L	0015	AIR FORCE ONE	WKG	ANDREWS	EZ -ME
6731.0	U	0108	AIR FORCE ONE	WKG	ANDREWS	WOD-PA
8825.0	U	1839	AIR MEXICO 455	WKG	NEW YORK	NRC-MA
8825.0	U	1742	CLIPPER 109	WKG	NEW YORK	NRC-MA
8825.0	U	1844	OVERSEAS NATIONAL	R/C	W/GANDER	NRC-MA
8825.0	U	1840	SPEEDBIRD 257	WKG	SAN JUAN	NRC-MA
8825.0	U	1746	SPEEDBIRD CONCORDE	WKG	NEW YORK	NRC-MA
8825.0	U	1845	TOYOTA 1	R/C	W/GANDER	NRC-MA
8843.0	U	1919	CLIPPER 50	WKG	HONOLULU	GS -WA
8843.0	U	0542	REGAL 3	WKG	PRINCE CHARLES' PLANE	JCH-MD
8846.0	U	0022	NAVY BE502	WKG	NEW YORK RADIO	RMA-IA
8891.0	U	1247	FLYING TIGER 04	WKG	GANDER	JDW-FL
8891.0	U	1245	MAC 60155	WKG	GANDER	JDW-FL
8894.0	U	0202	ALITALIA 843	WKG	ALGIERS	EZ -ME
8894.0	U	0137	KLM 578	WKG	ALGIERS	EZ -ME
8894.0	U	0200	NIGERIA 801	WKG	NIAMEY	EZ -ME
8903.0	U	2148	CALEDONIA 366	WKG	NIAMEY	EZ -ME
8903.0	U	0020	SPRINGBROK 229	WKG	DAKAR	JMW-CO
8903.0	U	0011	ZIMBABWE 530	WKG	BRAZAVILLE	JMW-CO
8967.0	U	1910	MAC 70010	WKG	LAJES	AJN-NY
8984.0	U	0858	CG 1601	WKG	CG HELD 1601	RWK-WA
8984.0	U	1901	CG 1711	WKG	MIAMI	AJN-NY
8984.0	U	1331	CG RESCUE 1497	WKG	SAN DIEGO	JDW-FL
8984.0	U	1327	CG RESCUE 2130	WKG	SAN DIEGO AIR	JDW-FL
8988.9	U	0150	AF 304	WKG	LORING USAF	AJN-NY
8993.0	U	2110	AIR FORCE 252	CLG	KEEFLE	AJN-NY
8993.0	U	1343	AIR FORCE 321	R/C	W/MACDILL	MDC-NY
8993.0	U	2218	AIR FORCE RESCUE 365	CLG	ALBROOK	AJN-NY
8993.0	U	2144	ARMY 22258	WKG	P/P VIA ALBROOK	JPC-NJ
8993.0	U	1344	MAC 38075	WKG	HOWARD	MDC-NY
8993.0	U	2140	OMNI 24	WKG	PANAMA AERD	JPC-NJ
8997.0	U	0319	XRD 02	WKG	SOUTH POLE STN	EZ -ME
9014.0	U	1845	SAM 24201	WKG	ANDREWS	JFH-MA
9014.0	U	1950	SAM 500	WKG	ANDREWS USAFB	JFH-MA
11176.0	U	2117	GULL 01	WKG	MIAMI MONITOR	JPC-NJ
11176.0	U	2124	MAC 50224	WKG	INCIRLIK	JCH-MD
11176.0	U	1810	MAC 7P3	WKG	ASCENSION	JCH-MD
11176.0	U	1635	MARINE 150515	WKG	ALBROOK	JPC-NJ
11176.0	U	1644	NAVY LM612	WKG	ALBROOK	JPC-NJ
11176.0	U	0000	SAM 31683	WKG	ALBROOK	JCH-MD
11180.0	U	1945	SAM 126	WKG	PENTAGON CONTROL	JPC-NJ
11182.0	U	2207	MAC 30501	WKG	ANDREWS	JPC-NJ
11182.0	U	2156	MAC 50261	WKG	FORMAT	JPC-NJ
11182.0	U	0129	MAC 60134	WKG	SCOTT	JDW-FL
11182.0	U	1957	SAM 12492	WKG	SCOTT	JCH-MD
11182.0	U	2054	SAM 30501	WKG	SAM COMMAND	JPC-NJ
11182.0	U	1850	SENTRY 60	WKG	SCOTT	JCH-MD
11226.0	U	1950	MAC 70173	WKG	LAJES	JCH-MD
11249.0	L	1452	SAM 26000	WKG	ANDREWS	DS -OH
11282.0	U	0125	NORTHWEST 102	WKG	HONOLULU	JDW-FL
11282.0	U	0123	UNITED 185	WKG	HONOLULU	JDW-FL
11345.0	U	1229	EASTERN 445	WKG	BERMUDA LDOC	JDW-FL
11396.0	U	1619	MALAYSIAN 511	CLG	SINGAPORE AERO	BPS-CA
11486.0	U	2025	AIR FORCE ONE	WKG	CROWN	EZ -ME
13201.0	U	1807	MAC 60175	WKG	ELMENDORF	JCH-MD

\*\*\* TACTICAL \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2672.0	U	0256	OREGON	WKG VIRGINIA W/ CODED TFC	JFH-MA
2840.0	U	2025	REPAIRMAN 300	WKG REPAIRMAN 68	JCH-MD
3237.0	U	1530	FLEET CONTROL	NAVY TARGET INFO	GEL-CA
4416.0	U	2254	CHARLEY ABLE PAPA	CLG BRAVO XRAY	DLK-CA
4416.0	U	1523	JULIET 8 WHISKEY	CODED TFC	GEL-CA
4612.0	U	0004	KING CRAB	WKG FEASIBLE	IK -UK
4715.0	U	0814	DURATION	CODED TFC	PAT-CA
4725.0	U	1527	DECKER	WKG INTERMATE	GEL-CA
5080.0	U	1453	FLEET CONTROL	WKG FLEET 3 KILO	GEL-CA
5080.0	U	0922	S O J	WKG FLEET CONTROL	RWK-WA
6694.5	U	1940	ALPHA 3	WKG ALPHA 7	JPC-NJ
6697.0	U	0142	3 LIMA INDIA	R/C W/ ECHO 0 UNIFORM	JDW-FL
6761.0	U	0028	APPLICANT	WKG BEMO 13	JDW-FL
6761.0	U	0025	ASSURANCE	WKG IONIC 47	JDW-FL
6761.0	U	0416	CHOKE LOG	WKG FOXHOUND	JPC-NJ
6761.0	U	0614	CORNSTALK	COMMUNICATIONS TEST	AHP-NM
6761.0	U	0619	FOX TROT	COMMUNICATIONS TEST	AHP-NM
8021.0	U	2026	W4F	WKG 3XX	RM -IL
8050.0	U	2034	W6S	DISCUSS RTTY W/ YOU	RM -IL
8771.0	U	1919	SPARTAN	WKG RASBERRY PENSACOLA	DS -OH
8778.0	U	0822	ESX	CLG D72	PK -IL
8778.0	U	0829	D4X	WKG ESX	PK -IL
8778.0	U	1424	VICTOR GULF BRAVO	WKG ZULU TANGO OSCAR	GEL-CA
8871.0	U	1919	RASBERRY CORPUS	WKG RASBERRY PENSACO	JCH-MD
8967.0	U	1334	SUBAV	WKG LAJES. EGPT AF?	MDC-NY

8972.0	U	1435	4 XRAY 60LF	WKG & MIKE INDIA	JDW-FL
8972.0	U	1255	NOVEMBER 6 MIKE	CLG ALPHA 3 ECHO FOR R/C	WDD-PA
8972.0	U	1256	NOVEMBER 6 MIKE	CLG TANGO 5 YANKEE	MOD-PA
8989.0	U	1346	DETAIL OSCAR	P/P VIA MACDILL	PK -IL
8989.0	U	2245	TOAD 1	WKG HAZARD OPS	DS -OH
8993.0	U	1322	GULP 15	WKG RESCUE OPS	MDC-NY
8993.0	U	1349	HARD ROCK 21	WKG MACDILL	MDC-NY
8993.0	U	1440	HARDROCK 32	P/P VIA MACDILL	JDW-FL
8993.0	U	1337	LUG 75	R/C W/ MACDILL	MDC-NY
8997.5	U	2133	DELTA A5	CLG YANKEE 45	AJN-NY
9014.0	U	0432	ALPHA JULIET 603	WKG SCOTT	DS -OH
9023.0	U	1633	SPAR 60	WKG SAM 86972	DS -OH
11055.0	L	1809	AIR FORCE ONE	WKG CROWN	DS -OH
11176.0	U	1714	HURCURI 77	WKG P/P VIA SCOTT	JPC-NJ
11182.0	U	1943	AMBUR 43	WKG SCOTT	DS -OH
11183.0	U	2200	DUTCH DELTA	WKG XRAY 44	DS -OH
11204.0	U	0115	ASCOT 5072	WKG BELIZE FLIGHT WATCH	JDW-FL
11234.0	U	1127	ARCHITECT	WKG GIBRALTER	JDW-FL
11234.0	U	1045	ASCOT 5841	WKG ARCHITECT	JDW-FL
11246.0	U	2232	GRUNPY 15	WKG MACDILL	DS -OH
13215.0	L	1655	IMPROPER	WKG SAM 26000	DS -OH
13241.0	U	2012	SCULPTOR	CODES MSGS TO SKYKING	KR -FL
13255.0	U	2122	WISSE 35	WKG P/P VIA MACDILL	JPC-NJ
15015.0	U	1714	ASCOT 5071	WKG ALBROOK	DS -OH
18666.0	U	1450	ATLAS	WKG FLINT 610	JDW-FL

\*\*\* NUMBERS \*\*\*

DATE	STRT-STOP	FREQ	M	LL/GG	TRAFFIC	CONTRB
11/07/85	2320----	14415.0	A	SS/YL	4D GROUPS	GN -OH
11/09/85	2100-2110	10245.0	A	SS/YL	5D GROUPS	TFW-PA
11/12/85	0018----	7074.0	A	SS/YL	4D GROUPS	FW -FL
11/13/85	2309-2329	6840.0	E	EE/YL	3/2 GROUPS	KM -ON
11/14/85	0226----	6812.0	A	SS/YL	4D GROUPS	FW -FL
11/16/85	0500-0521	6802.0	A	/	10 BEEPS, 4DGRPS	AHP-NM
11/16/85	0601-0608	8110.0	A	SS/YL	*ATENCION 140 50", 4D GRP	AHP-NM
11/16/85	0703-0713	6835.0	A	SS/YL	5D GROUPS	PK -IL
11/17/85	2112-2115	14588.0	A	SS/YL	5D GRPS	AHP-NM
11/24/85	0805-0811	6225.0	A	SS/YL	5D GROUPS	PK -IL
11/26/85	0310-0312	9973.0	A	GG/YL	5D GROUPS	FW -FL
11/26/85	0502-0521	3225.0	R	RR/YL	5D/2D/5D/2D/3D RPTD	KM -ON
11/27/85	0736-0742	6775.0	A	SS/YL	5D GROUPS	PK -IL
11/29/85	0430-0440	7619.0	A	SS/YL	3D & 5D GROUPS	AHP-NM
11/29/85	1455----	8300.0	A	CC/YL	NUMS & WORDS, SOME EE	PAT-CA
11/29/85	2315----	5685.0	L	SS/OM	5L IN PHONETICS	RM -IL
11/30/85	1000-1031	4670.0	A	SS/YL	"218", 10 COUNT, 4D GRPS	AHP-NM
11/30/85	1336----	9120.0	A	SS/YL	5D, BAD HUM	PAT-CA
12/02/85	0502-0517	4055.0	A	SS/YL	5D GROUPS	AHP-NM
12/07/85	0400-0551	6802.0	A	SS/YL	4D GROUPS	AHP-NM
12/07/85	0502-0516	5182.0	A	SS/YL	5D GROUPS	AHP-NM
12/07/85	0601-0625	6772.0	A	SS/YL	5D GROUPS	AHP-NM
12/07/85	0630-0638	4460.0	A	SS/YL	5D GROUPS	AHP-NM

\*\*\* UNIDENTIFIED \*\*\*

FREQ	M	TIME	DATE	CALL	TRAFFIC	CONTRB
1619.0	C	0550	12/06/85	UBT	UNID NDB	SN -TX
1834.0	C	0836	12/06/85	YE 05	UNID NDB	SN -TX
1835.0	C	0846	12/06/85	TL 31	UNID NDB	SN -TX
1910.0	C	1219	12/06/85	KA 84092		SN -TX
4181.0	C	0106	11/15/85	TD	CLG AR	FWB-NJ
4600.5	R	0423	11/28/85	78KLP	100 BAUD RYS	AL -MA
6789.9	U	0045	11/02/85	C I O Z	CHARLIE INDIA OSCAR ZULU	RSR-ON
6808.0	U	2210	11/25/85	/	SS/OM DICTATING NEWS COPY	AHP-NM
6898.0	U	2130	/	D9C	"DE D9C PROCEDO COI-1"	FB -FG
8174.0	U	2034	/	/	PICCOLO	RM -IL
8403.0	C	2204	11/30/85	MR	CLG 9HK62	FWB-NJ
12077.0	C	1509	11/23/85	K6D	5L TO M80	RM -IL
12602.0	C	2056	11/30/85	VD	CLG YK	FWB-NJ
14453.6	U	1505	10/27/85	CJ	CODED TFC	DS -OH
14970.9	R	1650	11/21/85	NLX	75-425N FOXES	DS -OH
16822.0	C	1612	11/16/85	FP	CLG CE	GWA-WA
16822.0	C	1541	11/10/85	HC	CLG WJ	FWB-NJ
17050.5	C	1504	/	SXT	DE. ANYONE KNOW QTH?	FWB-NJ
19158.0	U	1630	11/15/85	/	10 NOTE MUSIC MARKER	WDD-PA
22115.3	U	1908	11/13/85	KD900	CLG CQ, WKG STNS IN CA	RM -IL
25368.0	U	2100	/	/	DUPLX TELCO, AUST ACCENT	RM -IL
28125.0	L	2154	/	/	RPTS 'STANDBY', '10-4'	RM -IL

\*\*\* VLF/LF/MW \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BAHM	425.0	C	2306	SXOT	MICHALOS	WKG VFN		CONTRB
BAHM	317.0	C	0023	ZWE	WEST END	NDB	ID	FWB-NJ
BER	396.0	C	0242	ZBR	BIMINI	NDB	ID	MF -PA
CAN	124.4	C	0007	BDA	GIBBS HILL	NDB	ID	PCC-NH
CAN	366.0	C	0258	CKN	VANCOUVER	CANMIL	WEATHER	MF -PA
CUBA	296.0	C	0019	UBO	MANIWAKE	NDB	ID	PCC-NH
DOM	325.0	C	0025	LRN	BATABANAS	NDB	ID	MF -PA
FRG	1830.5	C	2250	DHJ 59	LA RELMANA	NDB	ID	MF -PA
GIBR	500.0	C	1824	ZDK	WILHELM SHAVEN	MARVAD	WEATHER	FB -FG
GUAT	1615.0	C	0551	RAB	GIBRALTER	MARCO	CLG LZHU	PAC-UK
HOLL	1890.0	U	0345	PCH	RABINAL	NDB	ID	SN -TX
					SCHVEINGEN	MARCO	WEATHER	ES -MA

ITLY	119.0	C	1700	IDQ 3	ROME	NAVRAD	NAV TFC	RMA-FR
MRDC	500.0	C	1820	CNW	TANGIER	MARCO	CG MARKER	PAC-UK
NDR	500.0	C	1813	LBA	ALESUND	MARCO	CLG UJ60	PAC-UK
PR	391.0	C	0247	DDP	DDRADD	NDB	ID	POC-NH
SPAN	500.0	C	1800	EAV	CABA DE LA NAO	MARCO	CG MARKER	PAC-UK
TUNT	500.0	C	1817	SVX	TUNIS	MARCO	CG MARKER	PAC-UK
USA	186.0	C	0347	HRM	OAKLAND	NDB	ID	FMB-NJ
USA	189.0	C	0353	TH	COLTSNECK	NDB	ID	FMB-NJ
USA	196.0	C	2003	NEL	LAKEHURST	NDB	ID	MF-PA
USA	227.0	C	0118	GDX	UPPERVILLE	NDB	ID	MF-PA
USA	242.0	C	1920	THV	YORK	NDB	ID	MF-PA
USA	245.0	C	1921	PGU	SALISBURY	NDB	ID	MF-PA
USA	254.0	C	1922	EKV	ELIZABETH	NDB	ID	MF-PA
USA	298.0	C	0011	DI	OREGON INLET	NDB	ID	MF-PA
USA	298.0	C	0016	HL	CAPE HENLOPEN	NDB	ID	MF-PA
USA	298.0	C	1934	HL	CAPE HENLOPEN	NDB	ID	MF-PA
USA	300.0	C	0011	C	MOBILE POINT	NDB	ID	MF-PA
USA	308.0	C	1549	MI	MANASGUAN	NDB	ID	MF-PA
USA	310.0	C	1927	SP	SMITH PT. LITE	NDB	ID	MF-PA
USA	313.0	C	0311	Z	CAPE CANAVERAL	NDB	ID	POC-NH
USA	314.0	C	1929	CP	COVE POINT LT.	NDB	ID	MF-PA
USA	319.0	C	1930	J1	JONES INLET	NDB	ID	MF-PA
USA	321.0	C	0000	DS	DIAMOND SHOAL	NDB	ID	MF-PA
USA	322.0	C	1931	B1	BARNEGST LITE	NDB	ID	MF-PA
USA	323.0	C	0014	GTN	GEORGETOWN	NDB	ID	MF-PA
USA	325.0	C	1546	CM	CAPE MAY	NDB	ID	MF-PA
USA	326.0	C	0007	BKT	BLACKSTONE	NDB	ID	MF-PA
USA	344.0	C	1103	JA	JACKSONVILLE	NDB	CONTINUOUS WEATHER	MF-PA
USA	407.0	C	1959	FR	FARMINGDALE	NDB	ID	MF-PA
USA	521.0	C	0016	GF	CLEVELAND	NDB	ID	MF-PA
USA	530.0	A	0015	KNEZ 393	SNOGUALHIE	T1S	TRAVELER'S INFO	SWA-WA
USA	1809.2	C	0715	KLC	SALVESTON	MARCO	CG MARKER	SN-TX
VE NE	292.0	C	0013	MTQ	MAIQUETTA	NDB	ID	SN-PA
VE NE	353.0	C	0025	HOT	HIGUEROTE	NDB	ID	MF-PA

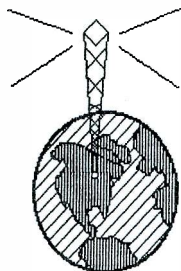
\*\*\* QSLs \*\*\*

CNTRY CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB	
	USS	JOHN C. HART	LETTER NO POST 11D	4066.1	AL -MA	
	R/V	KNORR	CARD MS 58D	8291.1	EZ -ME	
		SABENA 541	PFC 21RC 25D	8825.0	POC-NH	
		WORLD 33	PFC MS 7D	8825.0	POC-NH	
3EYK 3	M/S	HOLIDAY	CARD/LETTER MS 21D	4131.2	AL -MA	
GBTT	SS	QE II	PFC/CARD	4094.0	HJW-MA	
LECK	M/S	ROYAL VIKING	CARD NO POST 182D	4131.2	AL -MA	
NAAD	USCGC	GLACIER	PFC NO POST 63D	4134.3	AL -MA	
NDWA	USCGC	MORGENTHAU	PFC NO POST 60D	6200.0	AL -MA	
NHTC	USCGC	VALIANT	PFC MS 10D	5676.0	POC-NH	
NLGF	USCGC	NORTHLAND	PFC MS 9D	6200.0	POC-NH	
NLPM	USCGC	CHASE	PFC NO POST 9D	6200.0	AL -MA	
NMFA	USCGC	DOWNES	PFC NO POST 30D	4066.1	AL -MA	
NODG	USCGC	BASSWOOD	PFC NO POST 18D	6200.0	AL -MA	
NPUF	USCGC	CAPE HORN	PFC NO POST 6D	2670.0	AL -MA	
NRDT	USCGC	TANEY	PFC MS 12D	6200.0	POC-NH	
NRFJ	USCGC	NORTHWIND	PFC NO POST 13D	6200.0	AL -MA	
NRKC	USCGC	APALACHEE	PFC NO POST 11D	2670.0	AL -MA	
NRPQ	USCGC	CITRUS	PFC NO POST 10D	6200.0	AL -MA	
NRUN	USCGC	DURABLE	PFC NO POST 11	5320.0	AL -MA	
VLGD	S/T	TEXACO BRAVE	PFC 1IRC 42D	2182.0	POC-NH	
WFGV		OVERSEAS WASHINGTON	LETTER NO POST 31D	8291.1	AL -MA	
WSBX		PRINCE WILL. SOUND	PFC MS 73D	12429.2	JMW-CO	
ANGD	D3E	MARCO	PFC 3IRC 187D	0.0	MH -PA	
ANGD	D3E 52	MARCO	LETTER 21RC 55D	8694.0	AL -MA	
AZOR	CSY	AERO	LETTER NO POST 19D	5598.0	JMW-CO	
CAN	VFG	AERO	PFC IRC 32D	8891.0	PAC-UK	
CAN	VOJ	AERO	GANDER	LETTER IRC 22D	2182.0	POC-NH
CAN	VOK	CCG	STEPHENVILLE	PFC 1IRC 24D	2182.0	POC-NH
CAN	VOO	CCG	CARTWRIGHT	PFC 1IRC 32D	2182.0	POC-NH
CAN	YHN	NDB	COMFORT COVE	PFC 1IRC 19D	2182.0	POC-NH
CONG	TNL 77	AERO	HORNEPAYNE, ONTARIO	PFC 8D	329.0	HH -MD
FRAN	FTK	AERO	BRAZZAVILLE	LETTER 21RC 81D	10057.0	JMW-CO
HI	WVWH	AFP	PARIS	LETTER 1IRC 42D	10320.0	AL -MA
JAM	6YX	SFTS	KAUAI	CARD NO POST 12D	15000.0	JG -NY
USA	AFG 37	JCG	KINGSTON	PFC MS 27D	2182.0	POC-NH
USA	NMB 9	USAF	SCOTT	LETTER NO POST 19D	9014.0	AL -MA
USA	NMF 2	USCG	SAVANNAH	PFC MS 11D	5692.0	ES -MA
USA	NMN 80	USCG	ROSTON	CARD MS 17D	2182.0	POC-NH
USA	NOE	USCG	HAMPTON ROADS	PFC MS 7D	2670.0	ES -MA
USA	NOM	USCG	NORTH BEND	PFC MS 8D	2670.0	JMW-CO
USA	NOT	USCG	MIAMI	PFC NO POST 14D	5676.0	AL -MA
USA	NOW	USCG	TRAVERSE CITY	PFC 1MS 11D	5676.0	ES -MA
USA	NOY 9	USCG	FORT ANGELES	PFC MS 7D	2670.0	JMW-CO
USA	NWA 3	AERO	HOUSTON	PFC MS 12D	5676.0	POC-NH
VIRG	WAH	MARCO	SAO JUAN	PFC MS 23D	5598.0	JMW-CO
			ST. THOMAS	CARD IRC 69D	17236.0	PAC-UK

HAPPY NEW YEAR! My page allocation is used up, so I'll just say  
 ..... 73 and gud DX in 1986!

years of dedication to the club, and we wish him the best in the future. Don't be a stranger to these pages, John! Replacing John at the H/H helm will be Thomas Sable of Scranton, Pennsylvania. His address is on this month's *Western Hemisphere* masthead, and you are all hereby directed to swamp him with loggings for his first column, which will appear in February. Welcome aboard, Tom!

*73 and best! Tom*



Calling All DXers!

## THE 1986 CHICAGO DX CONVENTION

Feb. 7-9, Gurnee Holiday Inn  
Route 132 and I-94, Gurnee, Illinois

**CALLING ALL DXERS FROM ILLINOIS, INDIANA, WISCONSIN, and anywhere else...** If you're looking for a way to shake the winter blahs, make plans to attend the winter DX event of the season -- **the 1986 Chicago DX Convention** -- sponsored by the Chicago Area DX Club the weekend of Feb. 7-9, 1986, at the Gurnee Holiday Inn just north of Chicago.

Why shovel snow when you can relax in a jacuzzi, or swim in the Holiday Inn's spacious indoor pool? Plus, you'll have the chance to meet some of the finest DXers from the Chicago and Milwaukee areas.

The registration fee includes a Friday night reception (8 p.m. to 11 p.m. -- all you can drink), Saturday banquet, plus a wide range of interesting and informative seminars and special events.

This is a convention for serious DXers, with sessions on hearing the rare stations, using audio filters and accessories, plus using the computer to enhance DXing. Guest speakers include Gerry Dexter, author of Clandestine Confidential, and Don Moore, who will discuss the Latin American shortwave scene, with slides from stations in Honduras, Ecuador, Peru, Uruguay and many other countries.

To register, send a check or money order for \$35 to Kevin Mikell, 241 North Hamlin Avenue, Park Ridge, IL 60068. If you plan to stay overnight, CADX has secured a block of rooms at the Holiday Inn for a special rate of \$40 per evening for a single, and \$47 per evening for a double. Hotel reservations must be made through the Holiday Inn either by phone (312) 336-6300, or by writing to 6161 West Grand Avenue, Gurnee, IL 60031. The registration deadline for both the convention and hotel rooms is **January 20, 1986. When making your room reservations, be sure to mention the special CADX rate!**

If you're a serious DXer, make plans to attend the 1986 Chicago DX Convention. When writing to Kevin, please provide him with a list of subjects you want to see covered by a seminar. We'll do our best to see that the topic is on the agenda -- volunteer lecturers will be welcomed! For more details, call Kevin Mikell at (312) 825-3608 or Austin Kelly at (312) 776-5144.

# CONTRIBUTORS LIST:

JANUARY 1986

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 159

5	ABBINANTE, PHIL	IL IC-R71A	1	MACGIBBON, BRUCE	OR R1000
1	ADAMS, ROBERT	MA R2000	1	MACRIE, VIRGINIA	NJ R2000
4	ADDISON, JOE	KS R600	2	MARGOLIS, ROBERT	IL
1	AKED, ROGER	FR 1650/2	1	MARSHALL, RONALD	AZ
1	ALEXANDER, RODNEY	IA IC-R70	1	MENDEZ, LUIS	NJ R1000
3	ATKINS, GUY	WA IC-R70	4	MILLER, BILL	CA DX400
3	BAIR, MASON	CA IC-R70	1	MIYAUCHI, SATOSHI	JP T8-430V
1	BELHAUS, FRED	NJ IC-R71A	1	MOORE, ALEX	UK R7
1	BERG-ANDERSON, RICHARD	NY DX400	4	MORIN, KATHY	ON RF3100
5	BERRI, JASON	CA RF2900	1	MUNSTER, RALF	GA R7/DR7
4	BINGHAM, FRANK	MA ZENITH T	2	MUZYKA, WILLIAM	NY RF4900
6	BISHOP, FORREST	NY RF4800	4	McCANTS, DONALD	AL RF2200
4	BLAIR, ARTHUR	CA R1000	2	MCKINNEY, LARRY	PA R1000
1	BODENHAGEN, FRED	FG SAT 3400	2	NACHT, ALAN	NY R2000
2	BOWDEN, RALPH	CA FRG7700	1	NEAL, SAM	TX T8940S
4	BREWER, DON	AR R1000	4	NEFF, GEORGE	OH
4	BROWN, EDWARD	IL RF2200	6	NEUVERTH, MICHAEL	CO DX400
5	CADORETTE, NORMAN	MA IC-R70	1	NONEMAN, CLAUDE	MI
2	CAMPBELL, BILL	CT R2000	3	NORCROSS, DAVID	CA
1	CARD, PETER	RI NRDS15	1	O'CONNOR, PETER	NH DX302
2	CEREGHIN, JOHN	MD DX400	3	ORR, TONY	?? R600
2	CHABAK, MIKE	AZ	1	OSTERMAN, FRED	OH NRDS15
3	CHICKERELL, LARRY	WV DX400	5	PALMER, BOB	WA IC-R71A
1	CHINSKY, MARK	NY ICF5900W	1	PASZKIEWICZ, SHERYL	WI NRDS15
2	CIRONE, JOSEPH	NJ IC-R70	1	PFEFFER, MORRIS	NY RF2200
4	CLAYTOR, DAVID	MI R1000	1	PIKE, ARTHUR	NM ICF6000W
2	CODAY, RICHARD	CA DX66	1	PINNAU, ROGER	CA
2	COLEMAN, ROBERT	MA FRG7	3	PRATH, JOHN	FL IC-R71A
1	CONNAY, PETER	UK 57J-4	6	QUAGLIERI, AL	NY SP600JX
5	D'ANGELO, RICHARD	PA NC190	1	REINECKER, ROBERT	PA
2	DE CASSAN, FERDINAND	AU IC-R70	3	ROBERTS, KEN	FL R2000
2	DEMMITT, JOHN	PA HOMEBREW	1	ROBERTSON, DAVE	NY
5	DICKERMAN, WILLIAM	PA DX400	4	ROBINSON, BETSY	TN CR2021
6	DILLON, PETER	MD DX400	2	ROCKER, RAYMOND	MS FT757GX
4	DOHERTY, J.C.	NB R7	2	ROMANIN, GIORGIO	IT
2	DONEGAN, PAUL	CA FRG7	1	ROMBERG, BILL	WI
1	EMERSON, TERRY	OR R2000	2	ROSS, ROBERT	ON T8-430S
3	EVANS, JAMES	TN R2000	4	RUHE, ROBERT	PA DX400
3	FALBO, ANTHONY	OR R1000	4	SABLE, THOMAS	PA T8430S
1	FAMULARO, RALPH	JP RF-B30	1	SAMPSON, DANIEL	WI DX400
1	FILIPPI, MARIO	PA R2000	1	SAMS, MITCH	KS
4	FORSBREN, RAY	WI FRG7700	1	SCHLOSSMAN, MARC	CA FRG7
3	FRASER, BOB	MA CR2021	3	SCHMAUTZ, SCOTT	NY R2000
1	FRIBERG, JOHN	NH R2000	1	SCHULSINGER, MICHAEL	OH FRG7
7	GERSTNER, JOHN	NY DX1000	1	SHARP, DAVID	FL R600
4	GOODMAN, JOEL	IA R600	7	SHARPE, BRYAN	CA DX302
3	GUNTER, JOHN	NC R2000	6	SHEEDY, DANIEL	CA
1	GURLEY, TED	TX R600	1	SHERWOOD, LINDA	MA CR2021
1	HARDESTER, MIKE	PA R1000	3	SHIMADA, SENSHU	JP FRG7700
1	HARRIS, MICHAEL	OH IC-R71A	1	SHOCKLEY, MIKE	OK
1	HARTUNG, JAMES	MD R7/DR7	1	SHONDER, JOHN	IL ICF2010
3	HAWK, MICHAEL	VA	2	SMALLWOOD, JAMES	AL RF2800
2	HEINEN, WAYNE	CO R390A	1	SOMERS, JACK	CA IC-R70
1	HENAUJT, JOHN	MA IC-R71A	10	SOONRE, EDWARD	MA R2000
6	HEBCH, RUTH	NY R1000	2	STEPHENSON, NORMAN	CA
3	HEVERN, VINCENT	NY IC-R70	1	STEVENS, DAVID	MA
1	HICKS, DONALD	TN IC-74S	5	STONE, GARY	WA IC-R70
1	HOLBROOK, HANK	MD HQ129	2	STRANSKY, LARRY	NY R2000
1	HUFFAKER, CARL	MX HOMEBREW	1	STUART, JERRY	OK FRG7
4	HUNT, BILLY	N NRDS15	1	SYMINGTON, DARYLL	OH IC-R71A
2	JONES, BRIAN	TX IC-R70	1	TAYLOR, LYLE	SD FRG7700
1	JONES, DAVID	VA 5-1S1	3	THIM, WILLIAM	CT ICF2010



1 KAESSINGER, ROBERT	FB R2000	4 THOMPSON, PEGGY	CA FR87
6 KEENAN, DAVID	IA IC-R71A	6 THUNBERG, BOB	PA R1000
1 KEIPER, ROBERT	CA	8 TROTTO, RON	FL CR2021
1 KERR, IAN	UK R2000	5 VALENTINE, F.A.	CA IC-R70
2 KERRIGAN, PATRICK	IL R1000	1 WELKEL, FRANK	MI 9-38E
1 KLOPFENSTEIN, DAVID	OR NRC60	6 WELCH, FRANK	MA ICF6800W
1 KNAPP, JEFF	WV R2000	2 WHITE, DARREN	MS
1 KNIGHT, ROBERT	WA DX400	6 WHITE, FRED	FL NRD515
2 KOEHLER, WAYNE	IL	2 WILKINS, JOHN	CO R1000
1 KUBALA, TIM	NY RFB600	1 WILLIAMS, JOHN	FL IC-R71A
4 KUSTRA, DAVID	AZ RF2200	5 WIMMERS, BERNIE	VA R1000
4 LEHMAN, DIANN	MA DX400	5 WOERING, HAROLD	MA R1000
5 LEHKE, RICHARD	AB IC-R71A	3 YEAGER, CARL	PA
5 LEVISON, HAROLD	PA IC-R70	2 ZIEGLER, EDWARD	ME R2000
1 LEWKOWICZ, ABE	MA DX302	1 ZILMER, BOB	NM R1000
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1 LUXON, CHIP	IL	3 ZIRKELBACH, BOB	CA R2000
1 LYND, BLENN	CA DX1000		

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 DX MONTAGE

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
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