

SPEEDX

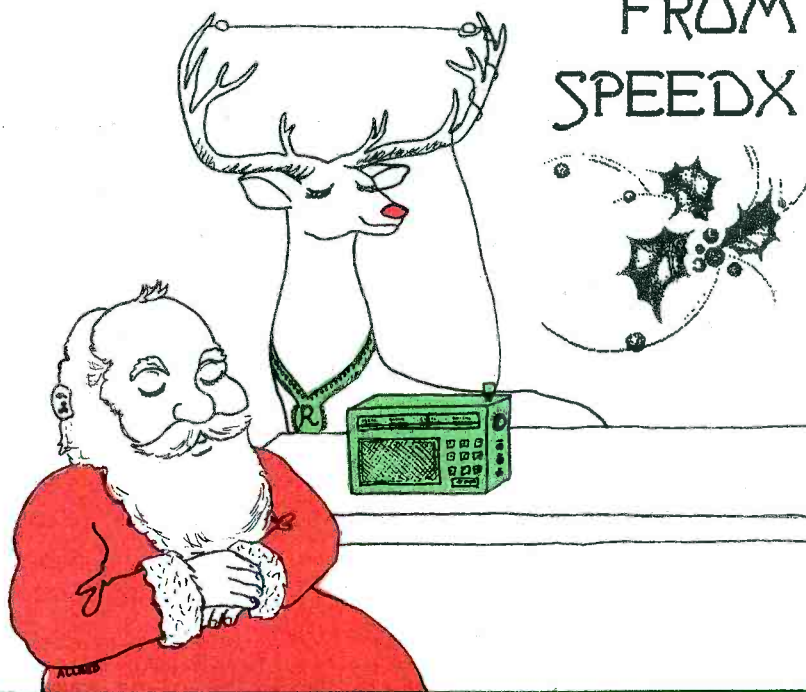
Volume 17

DECEMBER 1987

Number 12



MERRY CHRISTMAS FROM SPEEDX



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COVER ART BY Brent Allred, Quito, Ecuador

THE DX MAGAZINE FOR ACTIVE SWLs



Keynotes

Tom Kephart
Post Office Box 606
Mt. Pleasant, MI 48804-0606

CompuServe 71121,217 GENIE T.KEPHART1

Please take note of my new post office box listed in the masthead. Our apartment mailbox is simply too small to handle all of the SPEEDX-related correspondence. The zip code is different, too.

Also, I am now a subscriber to CompuServe and GENIE videotex services. SPEEDXers with modems are welcome to leave electronic mail for me at the videotex addresses listed in the masthead. If you are a subscriber to either of these services, leave me a note with your "address", and we may be able to organize a live on-line conference with other SPEEDX members!

NINTH BOARD OF DIRECTORS

The ninth SPEEDX Board of Directors lineup has been finalized, with the filling of the vacant term and the election of a new president.

John Trautschold was named by the current BOD to fill the unexpired term of David Sharp. His term will continue through the next two years.

The new Board has elected me President of the BOD, and I appreciate their faith in me. In turn, I have asked John Trautschold to serve as Vice-President, and he has accepted. I am looking forward to working with the new Board, which will be "seated" beginning January 1st.

SENIOR SPEEDXers FOUND

I received two responses to my question regarding who might be the oldest members of SPEEDX.

Carroll H. Weyrich of Baltimore, Maryland, who will be 77 on December 16th, began DXing in 1935. Among the first stations Carroll verified were PLP Bandoeng, Java, VPD2 Suva, Fiji, ZBW

Hong Kong, HVJ Vatican City, and TGW Guatemala City. Carroll stopped DXing in the fifties, but picked it up again in 1979.

Hugh M. Hawkins of San Antonio, Texas, just turned 69 a couple months back. Hugh started SWL DXing shortly after World War II, and received early QSLs from HCJB and a station in what was then Leopoldville, Belgian Congo.

STAFF ANNIVERSARIES: DECEMBER

Bob Thunberg, "Asia/Oceania", 4 years
Ralph Bowden, "Station Skeds", 2 years

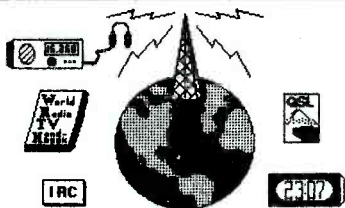
EURODX CONTEST RESULTS

A disappointing turnout for this contest...not the quality from those who entered, but in the tiny number who did send in entries.

Frank Welch Worcester, Massachusetts	64 points
*Tom Kephart Mt. Pleasant, Michigan	58 points
Ralph Famularo Japan	33 points
Sheldon Dunham, Jr. Mechanicsville, Virginia (* ineligible to win contest)	30 points

Frank wins a six-month subscription extension, and Ralph receives a three-month extension. We will try another contest after the beginning of the new year. If people are interested, I am more than willing to conduct contests, otherwise, it's not worth the effort to prepare the rules and scoring procedures. Let me know what area you are interested in seeing next as a contest target.

That's all for December Doreen and I wish you the happiest of holiday seasons! See you in '88!



DX Montage

Ed Janusz

Box 149

Bricktown, NJ 08723

DECEMBER, 1987

Hi. Six pages to fill this time...fortunately, a lot of fascinatin' radio news came in this month, and I'm able to start the final draft three whole days before it has to be in the mail! (Watch me pour coffee all over my rough draft...watch me get writer's block...watch me have an anxiety attack...) Enough! Let's cook these burgers!

AUSTRALIANS PROCURE ANSWERING MACHINE

If you need a programme or frequency guide; have a comment on programmes or reception conditions; or want to leave a hot DX tip for "Talkback," you can dial Radio Australia direct. Dial your international access code, then 61-3-235-2360.

The same press release mentions that, starting on the New Year, RA will issue a new series of commemorative QSL cards in celebration of the Australian Bicentennial. Sounds like a good year to listen...but, so's every year.

WIN A TRIP...TO CUBA!

Radio Havana Cuba is celebrating its 27th anniversary this coming 1 May, and is giving away five 2-week vacations to Cuba, as well as 20 consolation prizes. All that they are asking for is an essay (500 words maximum—fewer words than are on this page) on the question, "What is your opinion of Radio Havana Cuba's programming?"

I did receive a rather official-looking entry blank with the contest announcement; so, if you want to get on their mailing list and find out more details, you might do well to get in touch with them right away.

Salsa Cubana is a well-known and highly effective cure for sinus problems, lassitude, ennuï, the common cold, and other related ailments. It works. Believe me.

40 YEARS OF RADIO NORWAY INTERNATIONAL

In fact, the first short wave broadcasts from Norway took place as early as 1939, but were disrupted at the outbreak of WWII. It was not until 1947 that daily broadcasts were opened from our transmitters at Fredrikstad. During the past forty years, our activities have increased to the present daily air time of 16½ hours.

To begin with, all programming was in Norwegian, with a special view to the tens of thousands of men and women in our merchant fleet scattered all over the world. However, in the early 1950's, a weekly programme in English was introduced, followed by a newscast in Spanish.

A common complaint from non-Norwegian listeners is: Why don't you broadcast more in foreign languages? The answer lies in the fact that Radio Norway International is part of the Norwegian Broadcasting Corporation—an independent state institution—and is entirely financed by licensing fees...it is not considered reasonable that the Norwegian license holder should pay for an increased foreign service to listeners in the outside world. All the same, we hope that ways and means for a more extensive activity in other languages will be found.

...Contrary to common belief, there is a growing interest in short wave listening around the globe. In the short wave bands, you will always find stations offering programme material different from what you hear on your local FM. One of them is "Radio Top of the World." (RNI press release, via Fred Trescher, PA)

Fred also asks if anybody out there knows what ever happened to David Munson, formerly a popular host on BRT of Belgium? If anybody knows, please write to this column and I'll pass the information on.

Lots of anniversaries lately: Happy 30th to Radio Budapest (est. 4 October, 1957--Sputnik Day), and happy 10th to Ian MacFarland's "Short Wave Listeners' Digest!"

CANADIAN CORNER

The SWLD of 24 October had some interesting things to say about QSL'ing. It seems that a number of the major international broadcasters are informally agreeing among themselves not to verify reports which offer only technical information (equipment, SINPO's, &c.) without making any statement about the programming.

Rick Dearborn of WCSN told of sifting through literally thousands of reception reports which had been painstakingly prepared, contained fine technical details and meticulous programme outlines, and offered not a clue to the station's main concern—whether the listener had actually enjoyed the station's offerings.

It was a poignant moment. I sometimes wonder about the morale at world band stations. A local FM DJ can, literally, see his or her audience; the station gets phone calls, gives out bumper stickers, shows up at county fairs...for the international broadcaster, the interaction with the audience is much more oblique: If what they did reached anybody, it won't be known for a couple of weeks, if then.

Congratulations to Sheldon Harvey, who, along with fellow CIDX editors Gilles Michaud and Richard Casavant, and our own Bill Westenhaber, is producing "International Radio Report" for CKUT-FM, the voice of McGill University in Montreal.

ANDES ALCOVE

The latest issue of "Andex," the DX/friendship/missionary magazine sponsored by HCJB, has an interesting request. It seems that they have heard from would-be members in Eastern Europe who don't have access to any currency that can be used in Ecuador. (Due to some arcania of international monetary policy which I won't attempt to explain here, COMECON money—that of the USSR and its Eastern European partners—is not freely convertible outside of its own territories). HCJB can't afford to sponsor everybody from these lands who has asked about "Andex;" so they're hoping for a little assistance from their friends in the West. For the cost of your own membership (US \$5.50, CN \$8, etc.), you can sponsor someone who will appreciate it a lot.

Ken MacHarg of "Saludos Amigos" fame has written a book! It's called INTRODUCING INTERNATIONAL RADIO, and, according to the press release, that's just what it does, with as little technical talk as possible. Ken got the inspiration for this effort after taking a call from an elderly woman who wanted to know how she could hear the BBC: "I realized that newcomers still ask the same questions, and there is no book available which really answers their basic needs." It's 28 pages, and available from the publisher (Global Village Press, Box 1345, Jeffersonville, IN 47131—gee, I can't remember where I heard that address before!) for \$4.95 postpaid.

BACK IN THE USA

Peggy Thompson forwards an article from "Radio and Records" about KUSW, the new Utah-based station which should be testing by now. According to its president, Ralph Carlson, "Our programming will be mostly music, but will also include weather advisories and news geared to the international listener, including the two million Americans who live overseas. The music will be contemporary classics, with a daily block of time offered to world religious groups. One night a week, KUSW will field calls from listeners to discuss world events." The station will also be promoting tourism to Utah, and hopes to get a boost from package-tour operators during the skiing season. Mr. Carlson added, "The Wall Street Journal reports short wave sales are up 50% from last year, and the audience is expected to grow from 4% to 20% within 15 years."

My fellow New Jerseyan Rickey Stein sends in a similarly bullish clipping from "US News and World Report," touting world radio as, uh, the Next Big Thing for people who are "getting bored with cable television, video cassettes—even compact discs." It speaks well of the Sangean ATS-803 ("...as easy as a Touch-Tone telephone," and reviewed in this very issue of SPEEDX), and of PASSPORT (ex-RDI), even giving a mail-order address for the latter!

Wow. I remember a concert back at my alma mater (UMass at Amherst); a then-unknown Bruce Springsteen opened a bill which included Fleetwood Mac and headlined the Beach Boys. It was my pleasure to inform my hip, sophisticated friends from Cambridge and Boston, "Watch out for this Springsteen guy, he's something else again!"—'cause I knew about Bruce, and they didn't! That halcyon day, gentle reader, was the last time until now that I felt like I was on the cutting edge of a trend, and I feel, how do you say it? TOO COOL FOR WORDS, it's so cool! And all of you...you're cool, too!

Anyway, let's all greet KUSL to the airwaves. Personally, I'm impressed with Ralph Carlson's approach; he's putting together a station with a local base but with an eye to an international audience. Bienvenue and good luck, Mr. Carlson!

NRD-525: EXPOSED!

Regarding Neal Kolb's report in last month's column, Paul Lannuier of New Jersey sends in some further information:

The "U" designation is not an indication of tuning rate change. Rather, it stands for "USA," in reference to the power-supply voltage being 120 volts. To determine if a '525 needs the upgraded ROM IC (to activate the "run" feature), check the set's serial number. If it is BR-36770 or below, the set can use the new chip; if it's BR-36771 or above, the chip is already there.

Paul also mentions that Gilfer Shortwave in New Jersey has a few of these chips on hand. Thanks for writing, Paul; your letter, besides being informative, was proof that someone actually read this column last month. This is an encouraging development.

GOOD LISTENING, GOOD VALUE

The Ambassador 2020, reviewed by Brian Jones

It is probably more difficult to select a good portable than a table-model receiver. If I had the bucks, there are only a couple of table-models I'd consider; the portable market presents more complexity. The Sony ICF-2010 probably would have been my first choice; but \$320 or more is a bit much for a radio which I may not use all the time. But, Electronics Equipment Bank started advertising the Ambassador 2020 in "Pop!Comm." At about \$200, it was priced very acceptably.

A Radio Database test report explained that the 2020 was a sort of special request by EEB. Its predecessor, the Sangean ATS-803, lacked a usable narrow bandwidth, despite the fact that a narrow filter was present and used by the scanning function. Upon request, Sangean installed a switch so that the narrow filter could be used in listening. This new version is the Ambassador. Anyway, the narrow bandwidth is quite narrow. The only drawback is that the 2020 tunes in whole kHz. A finer mechanism such as the one on the Sony '2010, which tunes in 100 Hz steps, would be good for oftuning to improve clarity. Other than that, though, the narrow filter works well.

There are other good features. These include timer functions for the radio and for taping (a recording jack is provided); sleep function (90 to 10 minutes in 10-minute steps); separate bass and treble controls; 9 memories (do you really need more?); BFO for SSB and CW; RF gain control (for overload); FM stereo with balance control for headphones; and locks for the tuner and the on-off switch.

There are five tuning methods: Knob, keypad, memory recall, slew buttons, and scan. The tuning knob has three speeds. A slow twist will tune in 1 kHz increments, and a faster twist will move it 10 kHz. A real spin will move it up or down a full 100 kHz. Once you get used to it, it's fairly handy; yet, if I want to change to a distant frequency, I generally use the keypad. There would have been nothing wrong with having the knob tune in 1 kHz steps only. The slewing buttons have two speeds. A brief tap will move the tuner 1 kHz at a time, which can be useful. A sustained pressure on the buttons causes them to move in 10 kHz steps. I think it would have been nice to have them go at 5 kHz steps. Again, if I wanted to tune that fast, I'd rather use the keypad; that way, I hit the intended frequency instead of almost flying past it. The scanning function scans in 3 kHz steps, and tends to miss many weaker signals. I don't find this function too useful, although I use it once in a while.

Sensitivity seems to be adequate, though it's no ICOM R-70. Yet the fairly good sensitivity, and the audio, make it an oft-used radio for just tuning around and for general listening. I keep it near my ICOM, and do find uses for it.

The desire for more signal may prompt one to try plugging an external antenna into the jack. I don't suggest trying this in a metropolitan area such as San Antonio; I heard the local clear-channel WDAI all over the dial. Using the SW whip, or the internal ferrite bar, causes few problems.

EEB included an AC adaptor. For portable operation, the radio uses six D cells (which are very hard to get out), and two AA cells for the clock and memory.

For the most part, I have no substantive complaints except for the lack of finer tuning. It is a fine radio at a good price, and adequately meets the needs of the traveler or the general listener.

Editor's notes: Brian, thanks very much. In general, this column won't be featuring such thorough reviews of products, but I wanted to run this one for several reasons: (a) The potential importance of this receiver (in its various guises) as an affordable yet modern piece of technology, and its probable role as a new generation of listeners' introduction to world radio; (b) My appreciation of how the '2020 was reviewed on its own premises rather than by standards which its designers weren't trying to achieve. An experienced DX'er temporarily becomes a SWL'er.

A note to Anthony Jones in Tennessee: Here's the review. Yes, the Radio Shack Realistic DX-440 is yet another Sangean clone (is the entire population of Taiwan building short wave radios these days?); I'm not sure if it's identical to the Ambassador, as Sangean is constantly modifying these things, but it's close.

In a further update, Brian tells me that the Ambassador is now called the EEB 2020, and that, according to Larry Magne's report in the 1988 PASSPORT, Sangean has upgraded the sensitivity and the dynamic range. He is also thinking of experimenting with preselectors, and perhaps the Grove Mini-tuner: "Has anybody out there had any luck using preselectors with portables?" I, myself, would be interested in comparing notes on indoor apparatuses, as they are the best hope of bringing DX'ing to what is an increasingly urbanized North American population.

PEGGY SAYS HI

Many thanks to all who voted to re-elect me to the Board of Directors. Remember, you can contact any of us with suggestions, comments, and constructive criticism. We can only serve you if you let your voice be heard.

Thanks for the reminder, Peggy; I thought you deserved some special type for that!

BRUCE IS THE BOSS

Bruce MacGibbon notes in a recent "DX Spread" that he knows some students at Portland State University who may be able to ID broadcasts in various Asian languages and who will, for various nominal fees, translate taped broadcasts and correspondence. For more details, write to Bruce at 2295 N. E. Jupiter Avenue, Gresham, OR 97030. Be sure to include return postage.

And if you don't subscribe to "DX Spread," what are you waiting for?? It's \$5.00 for 12 issues, each one stuffed with hot DX nooze & schmooze (checks payable to Bruce MacG).

Bruce has been making tapes of whatever home services blow in across the Pacific, and says he's made lots of friends among Portland U's homesick and genuinely appreciative new Americans. It's a really human aspect of DX'ing....

SPECIAL ANNOUNCEMENT RE: FCC

The Federal Communications Commission has released a "Notice of Proposed Rule-Making" in an effort to overhaul what they call Part 15, the rules which govern RF (radio frequency) devices.

This proceeding--General Docket 87-389--is important to radio hobbyists for a variety of reasons. Until now, the FCC has been regulating emissions from RF devices as they come on the market (case-by-case); these days, with the explosion in wireless technology, they have been forced to make general guidelines. This is what they propose:

Frequency band	Field strength (Microvolts (uV) per meter)	Measurement distance (meters)
9 - 490 kHz	2,400/(freq in kHz)	300 (same as current regulations)
490 - 1705 kHz	24,000/(freq in kHz)	30 " "
1705 kHz - 30 MHz	30	30
30 - 88 MHz	100	3 (same as for Class B computers)
88 - 216 MHz	150	3 " "
216 - 960 MHz	200	3 " "
over 960 MHz	500	3 " "

In the short wave band, emissions would be allowed which, hundreds of feet from the source, are comparable to what the VOA and the BBC try to achieve on their listeners' receivers. As the ANARC announcement says, "Allowing a power density within 30 meters that is some 30 times as great as what the VOA tries to give its foreign listeners suggests that the devices could interfere with reception, even of very strong foreign stations, in homes and apartments nearby."

The limits for unintentional radiators would be as above for 30 MHz and over. No limits, except for emissions from CB radios, are proposed for frequencies below 30 MHz.

ANARC is making copies of the 32-page proposal available for \$3 each; for \$2, they have copies of the FCC's 13-page summary. Write to ANARC's Government Affairs Liaison: That's Robert Horvitz, 1006 Poplar Drive, Falls Church, VA 22046.

The initial deadline for public comment is 4 December, which means that, as you are reading this, it's already rather late for timely action. This is nobody's fault; Bob Horvitz did well to get the information out to us as quickly as he did. The FCC, however, grants only a 60-day period for public comment on their proposals; for a group like the DX'ing community, relying as it does on grapevines and on hobbyist publications like this magazine, 60 days is not a lot of time.

Still, it may not hurt to write. If you are familiar with the issues, you can drop a line to the FCC Secretary: That's William Tricarico, FCC, 1919 M St. NW, Room 222, Washington, DC 20554. Send a copy to Bob Horvitz; the FCC is so understaffed that they don't always have the means to tally up citizens' correspondence as accurately as one would like.

I've compressed this press release as well as I'm able to (given that my technical knowledge is about as deep as Mr. Potato Head's). I intend to write to the FCC about this, and I hope that many of you will choose to exercise your rights. Please be polite in what you have to say--I know I really don't have to remind you about that, but the FCC these days is an overloaded bureaucracy, trying, with limited means, to keep some order in a world of madly accelerating technology. It is not possible for them to be perfect; but this doesn't make them bad people, and they don't need to read any disrespect.

ESTHER BLODGETT, RIP

Esther Elizabeth Blodgett passed away on 28 September, at the age of 85. Ms. Blodgett was the first woman to own and operate a commercial station (WMCW-AM) in the state of Illinois. (USA Today, via James Kline, CA)

GALEI TSAHAL: ISRAELI ARMY RADIO

Here's an article from the Hebrew-language Israeli paper Yediot Achronot, forwarded by Rickey Stein (and thanks, too, for the translation!):

Two transmitters which were taken as booty in the Lebanon war, and which were employed as the radio station of the terrorists, began to operate yesterday as Galei Tshahal. The communications unit and electronic engineers brought the transmitters to Israel during the war. When run together, they will have a total output of 100 kW. Today (22 September), the total power output of the station became usable. The uniting of the two transmitters was made possible after the station commander, Nachman Shai, received a fortunate donation of \$150,000 from an Israeli who requested to remain anonymous. The going price of a transmitter like this is about \$1½ million.

Yesterday at 11:30 AM, the command codes were sent out on Channel HA (He Alef) by the station's writer-producer Dov Gilhar, who was host at the dedication ceremonies. During the live transmission, as the station's power was raised to the maximum 100 kW, listeners were able to notice a difference in the signal and an improvement in the quality of reception.

And who had the honor to cut the ribbon at the ceremony? Amelia Rosen, a worker at the station for the past 30 years, and Isador Yisrael, the first pensioner (retiree) of the station.

A New York Times article from a month later (also via Rickey) has more to say about Galei Tshahal. Despite being staffed primarily by amateurs--draftees and reservists, though some professional entertainers fulfill their commitment to the Army by working here--and having a miniscule budget compared to that of Kol Israel, Galei Tshahal has won a good third of the Israeli listening public with its youthful, iconoclastic tone. Mr. Shai, the station commander, was nominated by the Army's Chief of Staff, but is himself a civilian. Galei Tshahal is a 24-hour station--Kol Israel only operates 19 hours a day --and has its own news staff.

General Moshe Levy, in a budget-cutting move, tried to cut that news staff out three years ago. Mr. Shai has this to say about that encounter: "Some people here filed a petition with the Supreme Court, and the judges ordered Gen. Levy to rescind his closure order. I told him, 'General, I'm glad you lost this war and not another one.' He said, 'Why is it I am allowed to fire 100 pilots and nobody says anything, but when it comes to cutting Galei Tshahal's news, everyone is all over me?'"

WOODPECKERS

The U. S. Armed Forces is planning to install over-the-horizon radar assemblies in Guam and in Tinian, the westernmost of the Northern Marianas Islands. The Air Force has also begun to take bids for an OTH apparatus for Saipan. This all-weather surveillance system can detect, track, and size up ship and aircraft groups over a 1,150-mile surface radius, and as high as 30 miles.

Lt. Greg Smith, Commander Naval Forces Marianas public affairs officer, noted that the radar sites will be among the first in the world, and that the only such equipment in operation is a prototype in Virginia. (Pacific Stars and Stripes, via George Scott 3d, APO Korea)

REAL ESTATE

Bill Westenhover writes in from Montreal:

According to a recent interview on local CBC Radio, Montreal will soon be the site of an experiment in a new use of radio--namely, to sell homes. The idea is that the realtor can place a tape loop and a low-power FM transmitter in a house that's for sale, so that people can listen to a sales pitch without getting out of their cars. (The transmitter power wasn't mentioned, but it must be very low, as the range of the broadcast was said to be only 30 meters). A small sign attached to the regular "For Sale" sign alerts the interested to tune their radio to a particular frequency--94.5 MHz was mentioned as being used here--to hear the pitch. In this way, prospective buyers won't have to troop in and out of homes which really don't meet their requirements. Too, velvet-voiced announcers and judiciously chosen background music can be used to enhance the pitch; one hopes, though, that they would draw the line at the use of heavy breathing and Ravel's "Bolero" to describe the master bedroom. It was mentioned that the idea for this originated in the United States, so SPEEDX'ers south of the border should look for this in their own communities. Question: Do the QSL reports go to Ray Forsgren or to Jeff Knapp? (They go to you, Bill).

TELSTAR'S CHILDREN

There are at least 120 communications satellites in the geosynchronous band, 22,300 miles high.

Although satellite technology and the new generation of lightweight "dishes," have made worldwide telephone communications much more affordable than ever before, and have facilitated the development of alternative television networks, they do have their problems. Do you remember "Captain Midnight," the space hacker who took over a satellite a couple of years ago? Satellite owners and users worry about such antics becoming more frequent and more organized. Also, if a satellite malfunctions, or fails to achieve the precise geosynchronous orbit required, its investors have lost over \$100 million. So,

some long-distance communications may be coming "back to Earth" via the promising new developments in fiber optics. (Lansing State Journal, via Claude Noneman, Michigan) (If you're ever in western New York state, don't miss the Corning Glass Museum. It's built right into their factory, and it's amazing. ej)

CUBA, PART II

As I try to put a wrap on this column, I see in the New York Times that Cuba has reinstated a number of agreements with the United States which were abrogated in 1985 during the Radio Martí uproar. The Cubans have asked that the US government consider allowing them a clear channel or two on the broadcast bands, to help them get their point of view across to Americans.

I thought of the SPEEDX Contest which was announced in these pages last month. How about...Fidel Castro doing a spot for the EEB 2020 on Monday Night Football? The ideas are there, gentle reader...it might help to have a warped mind, but if I thought such a condition was necessary, I would have chosen another theme, of course.

CRAZED EDITOR TERRORIZES SPEEDX'ERS WITH OUTRAGEOUS DEMANDS: FILM AT 11

Thanks to all of you who contributed this month. Surprisingly (and contrary to what I expected even 2 weeks ago, when my mental state was decidedly grim), there's even some neat stuff left over for January. Now I'm really gonna start making you work, hi! But seriously, folks, there are a few projects I'd like to suggest, in order to make this column as interesting, personable, and SPEEDX'y as possible.

ONE: What's your favorite radio station, and why? Or, what's a likeable station which you enjoy but which you feel might be unjustly neglected by the general listening public? Maybe you could describe an especially appealing programme, and/or something fun and enlightening which you've heard recently, or just the station's overall tone or feeling. Remember, get those skeds to Ralph and those programme guides to Woody; I'm looking for something rather more subjective and impressionistic.

Alternatively, maybe we could see, for instance, "Traveling Through Brasil by Radio," "Why Indonesian Locals Amaze Me," whatever. The reasons that we listen to world radio must be as diverse and as fascinating as world radio itself.

TWO: This one's easy and Christmassy. If you're like me, you don't collect stamps, but you get a lot of neat stamps in the mail and you can't deal with just tossing the things. Do any SPEEDX'ers have a charity that can use them? Maybe your place of worship sells those "mission mixes" to raise a few dollars; or there's a VA hospital or something nearby that has some kind of "group album" or whatever? Let me know. I live in the land of cruddy beaches, incinerators, and garbage barges, and recycling everything that can be recycled is starting to become an obsession with me.

THREE: Simply--tell us something about yourself: Age, occupation, kids if any, other interests besides DX'ing...how did you get into world radio, and how did you find SPEEDX? Don't you ever wonder who's behind all those (321 4/5 Stuvwxyz-AB)'s who inhabit these pages?

I can't imagine that we're a dull and boring bunch of people. I mean, being a DX'er is kind of unique in itself, compared to, umm, betting on college football games or drinking Russian dressing straight out of the bottle (gotcha, hi!). Let's see who's out there!

HOME PLATE: It's up to you. I read everything that comes in here, and I'll listen to any suggestions.

How about....

Comparative reviews of WRTH, PASSPORT, IBHB, and whatever other annuals are around. From our overseas readers in particular, stories about radio happenings by you (akin to our Galei Tsahal feature this month, which I thought was really interesting). Information about locally-based DX-clubs outside of North America. And, from all of you, news, clippings, opinions, reports, funny stories, and anything that you think will give this column what it needs...namely, a lot of soul!

A few exceptions: Comments re computers, by mutual agreement, go to Tom Kephart for "Keynotes." (There's an excellent chance that Tom will at least know what you're talking about, and an outstanding chance that I won't). Comments about club policy (especially letters beginning "Who's that maniac you put on 'Montage?!'") go to the director of your choice. And thanks go to our ruthlessly efficient CDE, David Jones, who somehow keeps track of everything and gets it out on time.

Happy holidays, and see you next year!

73's and be cool, Zildie

PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

DECEMBER 1987...

ECUADOR...HCJB has a new programming arrangement for its South Pacific service from 0830-1030 UTC. They will now use the 49 meter band frequency for inspirational programming, while the broadcasts on 25 and 31 meters will consist of cultural and hobby programs. Some favorite programs will be broadcast twice during an evening, giving optimum listening time for both Australian and New Zealand listeners...HAPPINESS IS will be featuring special programming for Advent. Tune in beginning November 29 at 0730, 1000, 1230 0430 UTC for the program. On December 5, the program will look at Quito's birthday celebration... On December 7, PASSPORT will take a journey to a remote part of Ecuador, while on December 21, you can hear Christmas around the world. On December 24th, the program will feature the early days of HCJB... THIS IS ECUADOR features this month: 11-12--"Ecuadorian Inventors", 18-19--"Produced in Ecuador", 25-26--CHRISTMAS: ECUADORIAN STYLE... DX PARTY LINE has a New Year's Eve Comedy Special on the 31st. (HCJB)

SOUTH AFRICA...Don't forget about the Radio RSA phone-in on December 31 beginning probably around 2200 UTC. Frequencies will be announced, but you can count on one in the 25 meter band. The program will continue until the start of the North American broadcast at 0200 UTC on January 1.....Radio RSA's English programs for 0200-0256 UTC(UTC days): Mon NEWS, TWILIGHT OF THE BUSHMEN, THIS IS SOUTH AFRICA, DX CORNER; Tue-Sat NEWS, COMMENT, AFRICA TODAY, NEWS IN BRIEF; Sun NEWS, SATURDAY RSA, P.O. BOX 4559, NEWS IN BRIEF. (Ed Janusz, NJ)

UNITED KINGDOM...BBC WORLD SERVICE has many good programs for the holiday season. Music programs include THE NUTCRACKER(24th @ 1401 and 1901, 26th @ 0045 UTC), CANFABLE CHRISTMAS(25th @ 2115, 26th @ 0230 and 1215, 27th @ 0915 UTC), A RADIO CHRISTMAS CAROL(25th @ 0815, 1215 and 1901 UTC), MUSIC FROM THE MARKET PORTER(24th @ 2209, 25th @ 1715, 26th @ 0915). Drama programs include Dickens' A CHRISTMAS TREE (23rd @ 1245, 1745 and 2245 UTC), H.G. Well's THE MAGIC SHOP(24th @ 2101, 26th @ 0315, 0730 UTC). Of course, you can hear the Queen's message on the 25th at 0930, 1500 and 2245 UTC, while the FESTIVAL OF NINE LESSONS AND CAROLS can be heard on the 24th @ 1502, 25th @ 0030 and 0935 UTC). You can hear other programs of interest, particularly on the 24th, 25th and 26th. (BBC London Calling, 12/87)

USSR...Radio Kiev broadcasts in English daily with NEWS, EDITORIAL and COMMENT. Also, you can hear on Mon-Fri UKRAINE TODAY, Sat MAILBAG, Sun MUSIC FROM THE UKRAINE and DX CLUB. (Edward Soomre, MA) Radio Moscow's North American Service has 2 one-hour blocs of programming in English per day. The 2300 UTC bloc is repeated at 0100 and 0300 UTC, while the 0000 UTC bloc is repeated at 0200 UTC. The same programs heard at 2300 UTC are heard to the West Coast at 0400 and 0600 UTC, while the 0000 UTC bloc can be heard at 0500 and 0700 UTC. For a complete schedule of broadcasts, send me an SASE. Thanks to Fred Trescher of PA for sending in this information.

VATICAN...Vatican Radio's English programs: Mon A MANY-SPLENDORED THING Tue TALKING POINT Wed VATICAN WEEK Thu VATICAN VIEWPOINT Fri THE CHURCH TODAY Sat WITH HEART AND MIND Sun THE POPE, THE CHURCH AND THE WORLD. (Thanks to James Kline, CA and Fred Trescher, PA)

YUGOSLAVIA...Radio Yugoslavia has announced that their mail bag show P.O. BOX 200 is now on every Fri instead of twice a month. (James Kline of CA in a card mailed from London!) To all SPEDDXers, thanks for your support in 1987 and have a happy holiday season. ws

Station Skeds

DECEMBER, 1987

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

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

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



WORLDWIDE
COVERAGE

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AFGHANISTAN: R. AFGHANISTAN, KABUL

LATEST INFORMATION:

FREQ	LG	TAR	ME, SE Asia	kw	DAYS
0130-0830	4740 PS, DR	"	"	100 *	
0130-0230	4774 " "	"	"	100	
0130-0430	6085 UZ	USSR		7.5	
0130-1930	7199 PS, DR	ME		50	
0900-1230	9635 EG, VN	"		100	
1730-2000	9665 PS, DR	"		50	
1730-2000	7150 " "	"		50	
1730-1930	11755 EG, DR	Eur		100	
1230-1700	11985 PD, DR	SAsia		100	
0900-1700	15255 EG, VN	"		100 *	
0500-1215	15435 VN	ME, SE Asia		100 *	
0700-1700	17655 PS, DR	"		100	
0700-1030	17720 PS, EG	"		100 *	

(1988 RDI. Asterik [*] denotes program broadcast from USSR. VERNACULAR LANGUAGES: Nuristani, Pashai, Baluchi.)

BELGIUM: BELGISCHE RADIO EN TELEVISIE, BRUSSELS CALLING PROGRAMS BEAMED TO ASIA, AFRICA, EUROPE AND AMERICAS, D-87 SEASON:

FREQ	LG	TAR	SE Asia	Africa	NAm	SE Asia	Africa	Europe	NAmerica	SAm	DAYS
0800-0825	17600 EG	SE Asia									12345
1000-1025	15510 " "	Africa									12345
1000-1025	17610 " "	"									12345
1330-1355	15590 " "	NAm									123456
1330-1355	17600 " "	SE Asia									123456
1630-1655	15510 " "	Africa									123456
1630-1655	17610 " "	"									123456
1830-1855	6035 " "	Europe									1234567
1830-1855	9860 " "	"									1234567
2200-2255	6035 " "	"									1234567
2200-2255	5910 " "	NAmerica									1234567
0030-0055	5910 " "	"									1234567
0030-0055	9925 " "	SAm									1234567

(BRT, DIRECT, 9-16-87. M. Chinsky, NY. DAYS CODES: 1=Monday, etc.)

AUSTRIA: R. AUSTRIA INTERNATIONAL, VIENNA, PROGRAMS BEAMED TO AMERICAS, D-87 SEASON: ENGLISH, GERMAN, AND SPANISH:

FREQ	TAR	kw	DAYS
1200-1300	15320 NAm	300	
2200-2400	9580 SAm	500	
0000-0300	9650 NAm	500	
0000-0200	9770 SAm	100	
0000-0200	11780 " "	300	
0200-0400	11780 CAm	300	
0200-0400	9585 " "	100	
0300-0500	6185 ENAm	500	

(TFBS, IFRB, ITU, D-87. B. Fraser, MA.)

BELGIUM: RADIO T.V. BELGE DE LA COMMUNAUTE FRANCAISE (RTBF), BRUSSELS, FRENCH LANGUAGE, D-87 SEASON:

FREQ	TAR	ORU#	DAYS
1100-1305	17585 Africa	1	12345
1100-1555	17585 " "	1	67
1100-1305	7140 WEurope	3	123456
1100-1555	7140 " "	1	7
1600-1645	17675 Africa	1	12345
1600-1645	17675 " "	1	67
1600-1645	7140 WEurope	3	123456
1700-1905	9925 Africa	1	12345
1700-1905	11680 " "	3	12345
1700-2105	5925 " "	1	67
1700-2105	11660 " "	1	67
0430-0615	9925 " "	1	12345
0430-0515	11660 " "	1	12345
0500-0515	9925 " "	1	67
0500-0615	11660 " "	1	67
0630-0725	17675 " "	1	12345

(RTBF, DIRECT, 9-2-87. 1=Monday, etc.)

ALGERIA: RTV ALGERIENNE, ALGIERS, LATEST INFORMATION:

FREQ	LG	TAR	kw
1500-2400	7145 AR	NAm, ME	50
0800-1150	7240 " "	Eur, CAF	50
0600-2200	7245 KB	Eur, NAF	50
0500-0015	9510 AR	Eur, CAF	50
0500-1430	9640 FR	WAF	50
0500-2100	11715 AR	WEur	50
0500-1700	15160 FR	"	100
0500-2400	15215 FR, EG	WAF	100
0600-2300	6145 AR	NAF, ME	50

(1988 RDI.)

BENIN: OFFICE DE RADIODIFFUSION ET T.V. DU BENIN, COTONOU, LATEST INFORMATION:

FREQ	LG	TAR	kw
0900-1700	7190 FR, VN	WAF	20
1700-2300	5025 " "	"	20
0400-0900	5025 " "	"	20

(1988 RDI. VERNACULAR LANGUAGES: Beriba, Dendi, Fon, Mina, Somba, Yoruba.)

BANGLADESH: R. BANGLADESH, DHAKA, EXTERNAL SERVICE, LATEST INFORMATION:

FREQ	LG	TAR	kw
1230-1300	15525, 12030 EG	Eur	
1315-1345	9775, 6240 NP	Asia	
1400-1500	9775, 6240 UR	"	
1515-1545	9775, 6240 HD	"	
1600-1630	7505, 6240 AR	ME	
1630-1800	7505, 6240 BR	"	
1815-1915	7505, 6240 EG	Eur	
1915-2000	7505, 6240 BN	"	

(1988 RDI J. Gerstner, NY.)

BOTSWANA: RADIO BOTSWANA, GABORONE, LATEST INFORMATION:

FREQ	LG	TAR	kw
1500-2100	3956 EG, VN	SAF	50
0700-1500	5955 " "	"	50
0400-0700	3356 " "	"	50
0400-2100	4820 " "	"	50

(1988 RDI. VERNACULAR LANGUAGES: Shona, Bushman, Setswana.)

BULGARIA: R. SOFIA, PROGRAMS BEAMED TO AMERICAS IN BULGARIAN, ENGLISH, SPANISH, PORTUGUESE LANGUAGES, D-87 SEASON:

		TAR	kw
2130-0300	9755	SAm	250
2200-2300	6045	CAm,Mex	250
2200-0300	9595	CAm,ECNA	250
2200-0400	11860	SAm	250
2200-0400	11765	"	250
2200-0400	11720	NAm,CAm	250
2230-0400	9700	"	250

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

COMOROS: (FEDERAL ISLAMIC REPUBLIC), R. COMORO, MORONI, LATEST INFORMATION:

		LG	TAR	kw
1600-1900	3331	FR,SH,AR	Comoros	4
0600-1200	7250	AR,SH	"	4
0300-0500	3331	FR,SH,AR	"	4

(1988 RDI.)

FALKLAND ISLANDS: FALKLAND ISLANDS BROADCASTING STATION, STANLEY, LATEST INFORMATION:

		LG	TAR	kw
0900-0630	2300	EG	F.I.	3.5
0800-0530	3958	"	"	3.5

(1988 RDI.)

GUINEA-BISSAU: RADIODIFUSAO NACIONAL, BISSAU, LATEST INFORMATION:

		LG	TAR	kw
1500-2400	5975.5	PT	NAF	10
0600-0700	5975.5	"	"	10

(1988 RDI.)

HUNGARY: R. BUDAPEST, PROGRAMS BEAMED TO AMERICAS IN HUNGARIAN, ENGLISH, SPANISH, PORTUGUESE LANGUAGES, D-87:

		TAR	kw
2230-0130	6025	SAm	250
2230-0000	6110	"	20
2230-0130	9585	"	100
2230-0130	11910	"	250
0000-0130	6110	"	20
0130-0500	9520	NAm	100
0130-0500	9585	Can,USA	20

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

INDIA: ALL INDIA RADIO, VIA ALIGARH AND DELHI RELAY STATIONS, NON-ENGLISH LANGUAGE BROADCASTS, LATEST INFO:

		LG	TAR	kw	RL
0845-0915	15175	HD	SEAsia	250	A
0915-0945	15175	IN	"	250	A
1115-1200	15365	TH	"	250	A
1115-1215	15230	BS	SAsia	100	D
1000-1100	17387	TM	EAsia	100	D
1215-1245	11815	CN	EChina	100	D
1200-1330	7140	SI	SAsia	50	D
1230-1315	7255	TB	"	100	A
1300-1330	7140	BU	"	20	D
1330-1430	11620	SN	WEur	50	D
1400-1930	3295	UR	SAsia	50	D
1700-1745	11830	GT	C&EAF	100	D
0015-0100	9755	FR	SEAsia	50	D
0215-0330	7225	PS	SAsia	250	A
0300-0425	6045	DR	"	100	D
0430-0530	15360	AR	NAF,ME	100	D
2145-2300	9910	FS	NZ,Aus	100	D
2145-2245	11935	RS	E&CAF	100	D
0430-0530	17805	SH	C&EAF	100	A
0700-0730	7110	NP	SAsia	100	D

(AIR, Delhi via IDXC, ADRX, Calcutta. 1988 RDI. THFBS, IFRB, ITU, D-87.)
RELAY CODES: A=Aligarh. D=Delhi.)

ICELAND: ICELAND STATE BROADCASTING SERVICE, RIKISUTVARPID, REYKJAVIK, D-87 SEASON, ICELANDIC LANGUAGE:

		TAR	kw
1215-1300	9595, 9640		
	9675, 11780	WEur,NAf	10
	11955, 15385	"	"
1300-1400	11730, 11855	NWEur,WatI	10
1600-1700	15385	"	10
1745-1900	7160	WEur	10
1845-2000	7125, 9640	WEur,NAf	10
1900-2000	11730, 11745,		
	11865, 15385	NWEur,WatI	10
2300-2400	9635, 11730	"	10

(THFBS, IFRB, ITU, D-87, 1988 RDI. Underlined UTC=less than 7 days programs.)

IRELAND: R. DUBLIN INTERNATIONAL, DUBLIN, LATEST INFORMATION:

		LG	TAR	kw
0830-1445	6910	EG	WEur	0.8
0800-1445	6930	"	"	0.8 (Alt.)

(1988 RDI.)

JAPAN: NIPPON SHORTWAVE BROADCASTING CO., R. TANPA, TOKYO, LATEST INFORMATION:

		LG	TAR	kw
0900-2300	3925	JP	EAsia,Pac	10/50
2300-0800	3925	"	"	50
2300-1000	3945	"	"	10
0900-0830	6055	"	"	50
2300-1000	6115	"	"	50
2300-1000	9760	"	"	50
2045-0830	9595	"	"	50
0900-2030	9595	"	"	50

(1988 RDI. Programs broadcast from Tokyo and Sapporo, Japan.)

LESOTHO: LESOTHO NATIONAL BROADCASTING SERVICE, R. LESOTHO, MASERU, LATEST INFO:

		LG	TAR	kw
0200-2200	4800	EG,VN	SAF	100

(1988 RDI. VERNACULAR LANGUAGES: Sesotho.)

LIBYA: LIBYAN ARAB JAMAHIRIYA, TRIPOLI, BROADCASTS BEAMED TO EUROPE AND AMERICAS, ARABIC AND ENGLISH LANGUAGES, D-87 SEASON:

		TAR	kw
1100-1900	15235	SAm	500
1900-2200	15235	CAm,SAm	500
2000-2400	11815	CAm,SAm	500
2100-0500	11815	NAm	500
2200-0500	9745	USA,Can	500
0000-0500	9615	CAm,SAm	500
0000-0400	7165	WEur,NAf	500

(THFBS, IFRB, ITU, D-87. 1988 RDI.)

NICARAGUA: VOICE OF NICARAGUA, MANAGUA, EXTERNAL SERVICE, LATEST INFORMATION:

		LG	TAR	kw
0000-0300	6100	SP	S&NAf	50
0300-0400	6100	EG	"	50

(1988 RDI.)

SOMALIA: SOMALIA BROADCASTING SERVICE, R. SOMALIA, MOGADISHU AND R. HARGEISA, HARGEISA, LATEST INFORMATION:

		LG	TAR	kw	STN
0900-2100	7200	AR,SM	CAF	100	RH
1000-1230	7170	"	EAF	10	RH
1100-1600	6095	SM,VA	CAF	50	RM
1500-1800	7120	AR,SM	EAF	10	RM
0300-0600	7200	AR,SM	CAF	100	RM

(1988 RDI. STATION CODES: RH=R. Hargeisa. RM=R. Mogadishu.)
ILG,RDI,WRTH granted permission to reprint.

**SINGAPORE: SINGAPORE BROADCASTING CORP.,
R. SINGAPORE, LATEST INFORMATION:**

		LG	kw
1300-1605	7170	CH 10	
2045-1605	7250, 6155	ML 50	
2100-1300	7170	TM 10	
2200-1605	11940, 5052, 5010	EG 100/50	
2200-1605	9635, 6000	CH 50	

(TFBFS, IFRB, ITU, D-87. 1988 RDI.)

**NAMIBIA (FORMERLY S.W. AFRICA): SOUTHWEST
AFRICA BROADCASTING CORPORATION, WINDHOEK,
LATEST INFORMATION:**

		TAR	kw
1600-0630	3270 EG, VN	SAF 100	
1600-1530	3290 EG, GM	" 100	
0630-1600	4930 VN	" 100	
0630-1600	4965 GM	" 100	

(1988 RDI. VERNACULAR LANGUAGES: Damera, Herero, Nama, Kwangali, Ovambo, Tswana.)

**SOUTH AFRICA: SOUTH AFRICAN BROADCASTING
CORPORATION, INTERNAL SHORTWAVE SERVICE,
H.F. VERWOERD STATION, MEYERTON, ENGLISH
AND AFRIKAANS LANGUAGES:**

R. South Africa	TAR		
0500-0730	3955 SW Africa		
0735-1715	7205 " "		
1720-2130	3955 " "		
0500-0755	3320 NW Cape		
0800-1735	6005 " "		
1740-2130	3220 " "		
R. Oranje			
0500-0700	3215 NW Cape		
0745-1745	6105 " "		
1750-2130	3215 " "		
R. Five			
0500-0700	4880 SW Africa		
0710-1820	9565 " "		
1825-2400	4880 " "		
R. Orion			
2130-0500	3955 S. Africa		
2130-0500	3320 " "		

(D. Jones, TN. 1988 RDI.)

**SOUTH AFRICA: RSA, OR VOICE OF SOUTH
AFRICA, JOHANNESBURG, D-87 SEASON,
ENGLISH LANGUAGE:**

		TAR	kw
1100-1156	9750 CAfrica, U.K.		250
21590	WAfrica, U.K.		500
1300-1356	15125 WAfrica, U.K.		250
	21590 " "		500
2100-2156	11900 NAFrica, U.K.		500
	9580 " "		250
0200-0256	9880 USA, Canada		250
	9615 " "		500
	11730 " "		250
0300-0456	7195 EAFrica, ME		250
	9580 WAfrica, WEur		500
	11900 EAFrica, ME		500
0630-0730	15125 WAfrica, U.K.		250
	17825 " "		500

(RSA, 7-20-87, INCOMPLETE. P. Card, RI.)

**U.S.A.: KGEI, THE VOICE OF FRIENDSHIP,
REDWOOD CITY, CA., D-87 SEASON:**

		LG	TAR	kw
1400-1600	15355	SP	CAM, SAm	50
2200-2300	15280	"	"	50
2300-2330	15280	PT	"	50
2330-0300	15280	SP	"	50
0300-1400	9615	"	"	50
0200-0500	7365	RS	NE USSR	250

(FEB, MANILA, DIRECT, 10-19-87.)

**U.S.A.: KVOH, VOICE OF HOPE INTERNATIONAL
RADIO NETWORK, SHORTWAVE LOS ANGELES, D-87:**

		LG	TAR	1W
1400-1600	9495	EG	S&CAm	50
1500-2000	11775	SP	"	50
2000-0100	11775	EG	ECNA, CAm	50
0000-0400	9495	"	C&SAm	50

(KVOH, USA, 10-7-87.)

**U.S.A.: KNLS, THE NEW LIFE STATION,
ANCHOR POINT, ALASKA, D-87 SEASON:**

		LG	TAR	
0800-1100	6095	EG	ASian Pacific Coast	
1100-1230	6095	MD	China	
1230-1400	7355	"	"	
1400-1500	7355	JP	NE Asia	
1500-1730	7355	RS	Eastern USSR	
1730-2030	7355	EG	Asian Pacific Coast	
2030-2300	7355	RS	Eastern USSR	

(A. Blair, CA. KNLS, 10-13-87, DIRECT.)

**U.S.A.: R. EARTH, WORLDWIDE COMMERCIAL
RADIO, EVANSTON, ILLINOIS, TENTATIVE
D-87 SCHEDULE:**

		LG	TAR	DAYS
0300-0400	7355	EG	Eur, ME, N&SAm	2
0300-0400	7400	"	" " " "	1
0300-0400	9745	"	" " " "	1

(R. EARTH, via J. Sanderson, AZ., 10-87.)

**U.S.A.: WYFR, FAMILY STATIONS, INC.,
OCHEECHOBEE RELAY, FLORIDA, ENGLISH
LANGUAGE PROGRAMS, D-87 SEASON:**

			TAR	
0800-0900	11580		WEur, Naf	
1200-1300	6185		USA, Canada	
1300-1600	15170, 11830, 6175		" "	
1302-1502	15055		India	
1600-1700	15440, 17640, 21575		WEur, NAF	
1600-2300	15170, 11830		NAm, Mexico	
1700-1800	17750		WEur, NAF	
1800-1900	11880		" "	
1900-2000	15565, 17845		" "	
2000-2100	9455, 15565, 17845		" "	
2100-2200	9455, 11945, 17845		" "	
2200-2300	17845		" "	
2300-0100	9660, 9680, 11830		NAm, Mexico	
0100-0200	9555, 9680		" "	
0200-0600	9680		USA, Canada	
0600-0800	6065, 9680		NW Canada	
0600-0700	7355, 9850		WEur, NAF	
0700-0800	7355, 9850, 11580		" "	

(WYFR, 9-21-87, INCOMPLETE.)

**TUNISIA: TUNISIAN RADIO AND T.V., TUNIS,
LATEST INFORMATION:**

		LG	TAR	SVC
0430-0700	15450, 12005,			
	11550	AR	Tun	Dom
0800-1100	17610, 15410,			
	11550	"	"	"
1300-1500	15450, 12005,			
	11550	"	"	"
1600-1800	12005	"	ME	Ext
1800-1830	12005, 11550	"	Tun	Dom

(M. Schlossman, CA. 1988 RDI.)

**VATICAN CITY (STATE): R. VATICANA, EUROPE,
HEARD ON WQNA, D-87 SEASON:**

		LG	TAR	kw
1400-1425	15405	SP	CAM	500
1500-1600	15120	"	N&CAf	100
1500-1600	11810	"	"	100
0000-0030	9615	"	SAM	500
0030-0115	9605	FR	NAm	100

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

NORTH AMERICA AND THE CARIBBEAN

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

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

ALASKA KNLS

6095 0800 ID, free bible, Forties mx, schedule, "Heartbeat" (243 1011 Rodriguez-BELIZE)
7355 1122 CC; Songs by Tony Bennett; OM in Chinese (333 1020 Westenhaver-QU)(232 1011 Soomre-MA)

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

6120 0502 DW Tokyo stocks post gain (444 1029 Brown-IL)
6175 0215 BBC "Press Review" (555 101 Trescher-PA)
15355 1959 DW IS; site ID in EE; GG list of freqs, and nx by OM (444 1023 Westenhaver-QU)(454 108 Hesch-NY)
17810 2006 DW Gorbachev makes new arms pitch (555 1024 Wakefield-IA)

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

5960 0930 RCI news for the Caribbean with R. Antilles relay on 930; stock markets in Tokyo and Hong Kong (243 1027 Westenhaver-QU)
5960 0300 RJ news (444 1019 Estes-SC)
6005 1944 CFCX ID, traffic report, mx by Conrad Twitty, Rent a Wreck dealer (343 109 Hesch-NY)(333 1013 Halstead-WV)
6070 1958 CFRX ID, Sports report, nx (444 109 Hesch-NY) ads, Bing Crosby sings, wx (333 108 Rodriguez-BELIZE) Fire in Toronto (434 116 Worob-TX) Mad Dog Vachon hospitalized (353 1013 Wakefield-TX) Football game (433 109 A. Jones-TN)
6120 1135 RJ "Our Heritage" explains why Japanese tend not to litigate (555 102 Westenhaver-QU)(454 1014 Fraser-MA)
6130 1453 CHNX Local ads, 960 CHNS ID, nx and wx (444 103 Ross-ON)
6195 0417 NQS "Friday Night Request" (333 1015 Brown-IL)
9625 2049 NQS "The Scales of Justice" about Wayne St. Louie's trial (533 1018 Kline-mobile in Czechoslovakia)
9755 0157 RJ JJ/EE; IDs (555 1014 Brown-IL)
9755 0030 RCI Jazz into "Science Spotlight" (444 104 Langlois-FL)
11720 1758 CBC Tide and wx info, nx (444 1020 Kerrigan-IL)
11855 1221 RCI "North Country," International Boundary Commission (555 105 Halstead-WV)
11880 2130 RCI Ian McFarland ID's and gives freqs; nx with emphasis on Africa (333 1031 Westenhaver-QU)
21675 0120 CBC World nx and commentaries (444 1015 Levison-PA)

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

5965 0535 RHC Nx, ID, Caribb. mx (444 1029 Brown-IL)
6000 1058 RM Program preview (555 115 Wakefield-IA)
6090 0015 RHC "Sports Scene," Cuban mx (555 1016 A. Jones-TN)

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

6025 0157 R. Amanecer SS; Religious program, ID by YL in EE, gave address as Box 1000, Santo Domingo. (333 929 Ross ON)(433 111 George-MA)

NETHERLANDS ANTILLES *Radio Nederland**Trans World Radio*

6145 0735 TWR ID, bible quotations in "The Word of God" program (555 1011 Rodriguez-Belize)
6165 0300 RN "Media Network" Telcom '87 in Geneva (544 1029 Brown-IL)
9535 0350 TWR "Insight for Living" (544 1030 Shaffer-PA)

Netherlands Antilles (cont.)

- 9590 0300 RN "Media Network" Report on antennas and grounding, Panasonic receiver, superconductors (444 1029 Brown-IL)
 9650 1110 RN "Media Network," SW developments in Guatemala (433 108 Westenhaver-QU)
 15315 0002 RN SS; "40 años de RN:" interview with RN's head, Bert Steenkamp (444 1010 Westenhaver-QU)
 15355 2330 TWR Dutch; religious message (444 105 Langlois-FL)

PIRATES

- 6667 0110 V. de Alpha 66 SS; OM mentions Cuba; ID (333 1013 Ross-ON)
 9940 0544 V. C. I. D. SS; "Dance with Somebody" (343 1010 Hickman-MD)

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

- 5985 0200 VOFC Nx and commentary (555 1016 Estes-SC)(555 1014 A. Jones-TN)
 6020 0539 VOA FF; Sounds of Soul, reggae mx (333 1029 Brown-IL)
 6030 0150 AFRTS Game 7 of World Series (555 1026 Miller-CA) Football: Raiders vs. Denver (433 1012 Brown-IL) Network news (322 1021 Kerrigan-IL)(555 1016 A. Jones-TN)
 6185 0515 WRNO EE/GG; Fleetwood Mac tour (555 1029 Brown-IL)
 7400 0545 WHRI Christian mx; sched to S. A. (544 109 Miller-CA)
 9455 1745 WMLK Talk by Elder Meyer links stock market crash to not observing God's law (454 115 Westenhaver-QU)
 9465 0507 WCSN OM talking about Christian Science; "Sunday Morning Church Service" (453 1019 Kline-CZ) Don King with "Letter Box" (333 115 Sable-PA)
 9575 0302 VOA Tokyo stocks are down (444 1028 Brown-IL)
 9640 2205 VOA Carrib. mx; Dow falls 150 points (444 1026 Brown-IL)(333 1028 A. Jones-TN)
 9645 0418 WCSN nx: sanctions against S. Africa discussed at Commonwealth Conference in Vancouver (433 1020 Kline-CZ)
 9650 0202 VOA Iran-Iraq War; Dow's biggest drop (544 1014 Brown-IL)
 9700 1733 VOA Springsteen's Tunnel of Love; News (534 1027 Kline-Switzerland)
 9765 0044 WCSN Michael Jackson music, ID (444 1026 Kline-Austria)(Miller-CA) "Letter Box" (555 Wakefield-IA)
 9775 0222 VOA "Focus:" views of the Cuban Missile Crisis (444 1026 Brown-IL)
 9870 0230 WCSN Mailbag program (444 1014 Johnson-CA)
 11580 1909 WYFR GG; commentary (555 1010 Trescher-PA)
 11830 1330 WYFR "Science, Scripture, and Salvation" (444 1031 McCants-AL)
 11900 2223 VOFC Door gods (444 1023 Levison-PA)
 11930 2123 RM SS; pop mx,OM and YL (353 1014 A. Jones-TN)
 11965 1545 WRNO Rock mx, ID (444 106 Langlois-FL)
 13695st 2307 WYFR FF; "La Bible Parle," "Le Forum des Auditeurs" (454 111 Westenhaver-QU)
 15225 1704 WCSN Cocaine bust in France; *Monitor* excerpts (543 Kline-FRG)
 15295 1600 WINB "International Freedom Alert" by Dr. Stewart McBirnie (444 1031 McCants-AL)
 15330 2300 VOA PP; s/on announcements for Brazil; into news (343 Westenhaver-QU)
 15375 2142 WYFR ID, Bible quiz (354 108 Hesch-NY)
 15565 2014 WYFR Bible reading (454 1016 Wakefield-IA)
 15430 2010 AFRTS Game 6 of World Series (333 1024 Wakefield-IA)
 17775 2224 KVOH Gospel mx program, UPI sports (444 926 Ross-ON) UPI Radio nx, ID (354 108 Hesch-NY) Drugs are evil (454 1014 Wakefield-IA) Children's Bible Hour (454 1017 Estes-SC)(454 1014 A. Jones-TN)(454 1014 Fraser-MA)
 17880 2210 VOA "Tuesday Morning" (444 1026 Brown-IL)

Radio Havana is now using 6165 and 9610 kHz for French at 2100-2200.

Beginning Nov. 1, *KNLS* is broadcasting on 6095 kHz 0800-1230, and on 7355 kHz 1230-2300. English is at 0800-1100 and 1730-2030. Russian is at 1500-1730 and 2030-2300.

Not much else to report on this month, so we go right to the contest mode. First logging in of the new Salt Lake City SW station will receive a Steamtown U.S.A. T-shirt. Turn those antennas toward Utah.

Bye for now,

T. F. S.

EUROPE	Daniel Sampson Route #1, Box 36 Black River Falls, WI 54615-9714	EUROPE
		
Deadline: 12th Times/Dates: UTC Frequencies: KHz		BOBBING PASS Row <input type="checkbox"/> <input type="checkbox"/> Seat <input type="checkbox"/> <input type="checkbox"/> Center <input type="checkbox"/> Aisle <input type="checkbox"/> Flight <input type="checkbox"/> <input type="checkbox"/> Destination: _____

I bought a Sangean ATS-803 portable shortwave radio to go along with the Kenwood R-1000 and Realistic DX-400. The Sangean is a good performer using the built-in whip and with a number of nice features but I find it to be less sensitive than the DX-400 using the built-in whip antenna.

- ALBANIA** Radio Tirana
- 5057 1805 Gjirokastrë Albanian; story, inspirational & pop song, Balkan mx (333 10/17 Dillon-Greece) 2132 Albanian; tent. (weak 10/7 Moman)
- 7065 0235 RT EE; Expo '95 in Albania (433 10/24 Estes-MS) 0330 EE; Marxism continues in Albania (333 10/11 Fisher-MA) 0330 EE; Vietnam to withdraw its troops from Kampuchea (554 10/15 Kline-Austria) 0331 EE; opening of a new railway line (434 10/19 Westenhaver-QU) 2330 EE; songs dedicated to our youth (322 10/19 Johnson-CA)
- 7205.2 0630 RT EE; ID, discussion on economic growth in Albania (433 10/11 Hardester-PA)
- 9760 2335 RT EE; OM w/ wld nx, ID, YL w/ contry (444 10/19 Ross-ON)
- AUSTRIA** Radio Austria International
- 6000 0438 RAI EE; current financial state of Austrian Federal Railways--not the greatest (333 10/8 Westenhaver-QU)
- 6155 0832 RAI EE; nx, shark attacks off the Dominican Rep. coast (544 10/7 Kline-F.R.G.) 0545 GG; Strauss Waltz, GG ID (222 10/29 Brown-IL)
- 9550 0128 RAI EE; nx, wx, tlk on nuclear fusion, QRM de WYFR/RHC (433 10/21 Gerstner-NY) 0138 EE; economic status of Austria (433 10/24 Estes-MS)
- 9580 2329 RAI SS; ID by OM, mailbag show w/ letters from Venezuela, Spain, etc. (433 10/4 Westenhaver-QU)
- 11855 *1400 RAI EE; Austrian & wld nx, tlk/intvw about WWII exiled emigres, ID (gd-exc 10/23 Famularo-Japan)
- 15315A 1230 RAI EE; "daily rpt from Austria, immigration during national Socialism period (10/21 Kerrigan-IL)
- 15320 1230 RAI EE; s/on, "Rpt from Austria" (544 10/24 Prath-FL) 1200 EE; "Coffetable"-pgm of pop rock mx (444 10/11 Fraser-MA) 1232 EE; "SW Panorama," tlk on DXing Greenland (544 10/18 Gerstner-NY)
- BELGIUM** Belgische Radio en Televisie
- 5910 0008 BRT SS; OM/YL ancrs (544 10/2 Trescher-PA)
- 9675 2200 BRT EE; nx, wx, press review, "Belgium Today," current affairs, tlk on political crisis (444 10/19 Gerstner-NY)
- 9695 2158 BRT EE; IS, EE ID, "Brussels Calling," nx, selling on the wlds stock exchanges (232 10/26 Brown-IL)
- 9790 2330 BRT EE; IS, s/on anmts, ID as "BRT International," pgm preview including letterbox segment (pr 9/5 Moman-AB)
- 11660 1840 R. T. Belge de la Communauté Française FF; variety of mx, tlk, "Ici Brussels" ID, some QRM (232 10/18 Prath-FL) 1930 FF; OM w/ contry, sounds like soccer game (544 10/10 Trescher-PA)
- 15390 1330 BRT EE; SWL pgm (333 10/24 Hawkins-TX) 1347 EE; "Radio World," tlk about Eur. Christian R. (444 10/24 Estes-MS) 1330 EE; Flemish regional cooking, "P. O. Box 26," "Radio World" (454 10/17 Gerstner-NY)
- 21810 *1630 BRT EE; "Brussels Calling," to Afr., // 17595 (353 10/24 Prath)
- BULGARIA** Radio Sofia
- 7115 0400 RS EE; IS following R. Moscow s/off, wld nx (344 10/13 Hawkins)
- 7255 *0500 RS Turkish; IS w/ "Burasli Sofia" IDs, freq anmts, nx, ARO QRM but no sign of Nigeria, // 7115 (222 10/19 Westenhaver-QU)

BULGARIA continued

9560 1601 **RS** EE; tlk about archeology & Bulgarian culture, ID, QRM de 9555 (422 11/1 Kline-England) 1655 Turkish/AA; wld nx in Turk., IS, ID, into AA w/ sked. wld nx (333 10/17 Dillon-Greece)

9700 2312 **RS** EE; ID, recording of the Bulgarian Philharmonic (444 10/20 Brown-IL) 0045 EE; DX prgm, mx (444 10/19 Gerstner-NY) 2145 EE; rpt on methods of food growing, // 7115 (444 10/12 Fraser-MA)

11720 0021 **RS** EE; "Science & Economy," // 9700 (444 10/20 Wakefield-IA) 0026 EE; DX nx, contry on propaganda (444 10/24 Levison-FA) 2315 EE; interesting tlk about the changes in the U.S.S.R. (Glasnost) & Bulgaria's plan to follow (444 10/17 Prath-FL)

CZECHOSLOVAKIA

Radio Prague

5930 *0100 **RP** EE; "Sunday Magazine," canals in Bohemia (333 10/26 Wakefield-IA) 0128 EE; economic rpt, country mx, discussion about prgm changes (454 10/24 Estes-MS) 0112 EE; contry on UNESCO (333 10/27 Jones-TN) 1735 FF; wld nx, ID, pop mx (333 10/18 Dillon-Greece)

6055 0108 **RP** EE; tlk about Czech airlines (432 9/6 Trescher-FA) 0844 EE; nx, nuclear disarmament proposals, human rights, popular mx in Czech. & Bulgaria (554 10/9 Kline-F.R.G.)

7345 0101 **RP** EE; nx, "Sunday Magazine," Prague Mosaic, question on baggage mx (554 10/19 Gerstner-NY) 0128 EE; motor cars, teaching children to be aware of cars & accidents (444 10/8 Levison-FA) 0631 multi-ling.; rock & roll mx, time & freqs given in EE/CG/FF & unid lang (Czech?), 0715 nx in GG, 0730 nx in FF (554 10/27 Kline-Switz.)

9540 0105 **RP** EE; nx, "Newsview," contry (333 10/24 Prath-FL)

11685 1745 **RP** EE; contry on Gorbachev's policies (433 11/3 Thunberg-FA)

13715 1440 **RP** EE; phone intvw w/ Fiji coup leader, target Asia/Pacific, magazine prgm (fr-gd 10/9 Famularo-Japan)

15110 1730 **RP** EE; prgm sked, Near East nx (353 10/10 Radtke-CA)

DENMARK

Radio Denmark

11890 2130 Danish; 30's-vintage song about radio introduces 2 OM tlk about RD's QRM & reception problems (433 10/10 Westenhaber-QU)

15165* 1957 Danish; IS, 1959 EE ID "here is R. Denmark... this station is broadcasting in Danish only" (453 11/1 Kline-England)

FINLAND

Radio Finland

9560 0731 **RF** EE; OM w/ "Northern Rpt," nx, wx, press review, "Air Mail," hors d'oeuvre recipe w/ caviar & onion (453 10/27 Kline-Switz.)

11945 1200 **RF** Fir. ??; IS, s/on anmts (gd 10/7 Moman-AB) Don, what do you mean by Fir.

15400* 1402 **RF** EE; nx, tlk about the fall of the Finnish stock market (544 10/24 Estes-MS) 1359 Fir. EE; s/off w/ ID (gd 9/10 Moman-AB) 1205 EE; trees dying in north (434 10/2 Hickman-MD)

FRANCE

Radio France International

5950 0201 **RFI** EE; nx, markets around the wld fell for the 5th day (444 10/24 Estes-MS) 0114 FF; OM w/ contry, FF mx (555 9/15 Trescher)

7135 0315 **RFI** FF; tlk on fashions in France, pop mx (34 10/25 Miller-CA)

11670 0215 **RFI** FF; YL, ID, mx (444 11/3 Valentine-CA) This freq is not listed at this time in the RFI prgm sked but I suspect it's via Fr. Guiana-ed.

11800 0731 **RFI** FF; nx, possible U.S.-Soviet summit (433 10/31 Kline-Fin.)

15315 1615 **RFI** EE; "Paris Calling Africa," tlk, pop mx (232 11/3 Miller-CA)

15460 1605 **RFI** FF; nx, YL ancr (555 10/24 Hughes-FL)

17620 1602 **RFI** FF; Middle East nx, tlk of France & Africa, pop mx different from PCA (444 11/3 Miller-CA) 1600 EE; nx, Letterbox (444 10/11 Estes-SC)

17795 1615 **RFI** EE; ID, French political scene, Afro mx, "Spotlight on Africa," FF lesson, wld nx headlines (444 10/17 Dillon-Greece)

21645 1245 **RFI** EE; nx, Killing in New Caledonia, detention of French Journalist in Afghanistan (252 11/7 djs-WI)

21685 1534 **RFI** FF; "Media France Intercontinents" prgm of nx feeds to Afr. stations, 1540 long closing routine w/ full ID, 1544* after IS (443 10/10 Westenhaber-QU)

GERMAN DEMOCRATIC REPUBLIC **Radio Berlin International**

5965 2155 **RBI** EE; nx, tlk about religious freedom in the G.D.R., Eur. svce (444 10/18 Prath-FL)

6040 0040 **RBI** SS; OM w/ contry (555 10/1 Trescher-PA) 0154 SS; OM w/ contry, ment Gorbachev (555 9/16 Trescher-PA)

6080 0001 **RBI** EE; nx, G.D.R. mailbag, Weekend Magazine, tlk on the restoration & history of a palace (322 10/19 Gerstner-NY) 0015 EE; tlk about the history of the G.D.R. (333 10/24 Prath-FL) 0150 GG; ment Eric Honnicker PM of E. Germany (555 9/6 Trescher-PA)

GERMAN DEMOCRATIC REPUBLIC continued

7185 0917 RBI GG; tlk of cutting of weapons to Angola, RR QRM from 7190
(544 10/3 Kline-F.R.G.)

9665 1302 RBI EE; U.S.-Soviet arms talks, young artists, Hiroshima
anti-nuke demonstrations (553 10/26 Kline-Switzerland)

9730 0030 RBI EE; DX program (353 10/13 Wakefield-IA) 0045 EE; NATO, The
Arms Race (353 10/20 Radtke-CA)

21465 1511 RBI FF; OM w/ nx, 1514 ID as African svce, tlk about Sorbian
cultural group 'Domowina' (353 10/8 Westenhaver-QU)

GERMANY, FEDERAL REPUBLIC OF Deutsche Welle

3995 2240 DW GG; EZL mx, YL w/ nx @ 2300 (fr 10/7 Moman-AB)

6085 0117 DW EE; discussion on mining & conflicts on the Persian Gulf (433
10/24 Estes-MS) site F.R.G. or Malta according to Passport to
World Band Radio & WRTH Newsletter-d/s.

6190 1440 R. Bremen GG; QRM de BEC on 6195, request pgm of German rock &
pop mx, 1444 ID, autobahn rpts (422 10/9 Kline-F.R.G.)

9545 1710 DW GG; wld nx, ID, IS, intvw w/ 2 OM (333 10/15 Dillon-Greece)

9615 1710 DW GG; ID, wld nx, story on Iran, IS @ 1715, tlk about terrorism,
mx interlude (444 10/20 Dillon-Greece)

11815t 1525 R. Free Europe Romanian?; co-channel QRM, OM w/ American rock mx
pgm (544 10/5 Kline-F.R.G.) site F.R.G. or Portugal

13790 1800 DW EE; IS, nx, contry on Kohl & his political party. art review
(333 10/4 Soomre-MA)

15265 0814 AFRIS relay EE; nx from ABC, CBS & NBC, summit, Devil's night in
Detroit, public svce anmts (453 10/31 Kline-Finland)

21455 1517 R. Liberty Georgian; OM w/ nx, mentions KGB, Gorbachev & Joseph
Brodsky (444 10/23 Sable-PA)

21600 1522 DW EE; "Newslne Cologne," Boris Becker in trouble for having
played tennis in S. Afr., Sri Lanka (454 10/8 Westenhaver-QU)

GREECE Voice of Greece

7205 0201 VOA relay EE; nx, Iraq bombs Iran, "VOA Tuesday Morning," rpt on
Indian troops vs. Tamil rebels (322 10/12 Brown-IL)

7430 0340 VOG EE; nx broadcast (333 10/13 Hawkins-TX) 0135 EE; nx primarily
about Greece & Cyprus, OM ancr sounds like he is underwater (454
10/24 Estes-MS) 0130 EE; ID, nx, Greek guitar mx (444 10/5 Jones-
TN) 0401 Greek; IS, anthem, ID (gd 10/7 Moman-AB)

9395 2330 VOG EE; Balkan area nx by YL (454 10/12 Fraser-MA)

9420 0120 VOG EE/Greek; Greek mx, instrumental, vocal, IDs, meeting w/
Japanese on exports, end of EE nxcast @ 0140 (333 10/14 Brown-IL)

9425 2215 VOG Greek; Greek mx, ID, tlk by OM/YL (444 10/17 Prath-FL)

9700 1733 VOA relay EE; songs from Bruce Springsteen album, 1800 nx, QRM de
9695 & co-channel (534 10/27 Kline-Switzerland)

11645 1922 VOG EE; ID "Edo Atine, Phonite Sylndos (not sure of spelling), nx
(555 10/10 Trescher-FA)

11805 0607 VOA relay EE; nx, Nancy Reagan's mother died, U.S. places trade
sanctions against Iran, wall street rpt (554 10/27 Kline-Swite.)
*0500 AA; IS, EE ID into AA nx, QRM (gd-fr 10/22 Famularo-Japan)

15630 1233 VOG EE; // 11645, nx, no state funeral for former Pres. of the
Republic Constantine Tsatsos, U.S. aid to Turkey (554 10/9 Kline-
F.R.G.) 1240 EE; Greek version of song 'Itsy Bitsy, Teeny, Weeny
Yellow Polka Dot Bikini,' ID, nx by YL (444 10/24 Prath-FL)

HUNGARY Radio Budapest

9835 0204 RE EE; nx by YL, ID (433 10/24 Estes-MS) 0304 EE; nx, revenue of
Hungarian television stations (444 10/24 Levison-FA)

11910 1150 RE EE; // 9835 & 6025, "Int'l Newsroom," "The Floor is Yours"-
mailbag pgm, DX competition (544 10/9 Kline-F.R.G.) *2300 SS; IS,
ID "RE para America Latina," nx, // 9835 (343 10/17 Prath-FL)

15160 *1300 RE II; IS, tlk by OM/YL, // 9835 (222 10/25 Prath-FL)

21525 *1030 RE EE; IS, nx, IDs, various features (pr-fr 10/24 Famularo-Japan)

ICELAND Iceland State Broadcasting Service

9985 1901 Icelandic; long tlk by OM, poss. nx, mentions of Reykjavik, YL w/
tlk at times, ID @ 1930 "Utvarp Reykjavik," 1930* (333 10/12
Ross-ON)

ITALY Radiotelevisione Italiana

7108A 2015 Adventist Wld R. GG; OM w/ tlk, guitar mx & song, 2030 partial
address & "AWR" ID, hvy jamming de 7105 (fr-very pr 10/27
Famularo-Japan)

9575 0112 RAI EE; YL w/ nx, seemed very bored (322 10/24 Estes-MS) 0039
EE/II; Iran may have stinger missile (444 10/12 Brown-IL) 0100
EE; nx, Italian war fleet sails for Persian Gulf (454 10/13
Fraser-MA) 0100 EE; nx of 3 Italian technicians (353 10/16 Jones)

ITALY continued

9780 2310 RAI II; opera mx & discussion (444 10/25 Hughes-FL)

15355 1358 RAI II; to Canada, IS, freq annts, "Attenzione Montreal--
Attenzione Toronto" into special nx for Italians overseas, //
17800 (433 11/3 Westenhaver-QU)

17780 1830 RAI II; IS to 1831, ID as pgm for Canada, freq list, nx by OM, //
15450 & 15245 (434 10/13 Westenhaver-QU)

LUXEMBOURG Radio Luxembourg

6090 1632 GG; rock mx pgm w/ OM host, Commerce Bank ads, 1800 ID, nx (544
10/5 Kline-F.R.G.)

15350 1830 FF; EE rock songs, Niagara NY WIBB (434 9/20 Hickman-MD)

MALTA Radio Mediterraneo

6110 2255 RM EE; YL w/ tlc on U.N., ID, freqs given-1557 & 6110, rock mx
(333 10/24 Ross-ON)

9605 1715 DW relay Turkish; wid nx, tlc about Chinese person, rpt on Sri
Lanka, QRM de Prague & unid station (422 10/19 Dillon-Greece)

MONACO Trans World Radio-Monte Carlo

7105 0528 TWR EE; tune in to IS w/ *0630 by YL, ID, nx (343 10/11
Hardester-PA) 0701 EE; "The Westleyian(?) Hour," "Insight for
Living," Monte Carlo ID @ 0759, slight QRM from 7110 (544 10/6
Kline-F.R.G.)

9860 *0700 TWR Norwegian; IS, time pips, wid nx (fr 10/22 Famularo-Japan)

11635 *1355 TWR RR; IS, ID, inst guitar mx, tlc (fr 10/16 Famularo-Japan)

NETHERLANDS Radio Nederland

5955 1441 RN EE; "Happy Station," mx by new Dutch group 'Fritsh,' barrel
organ mx, 1525 end of transmission (553 11/1 Kline-England)

9895 *2230 RN PP; IS, nx, U.S.-U.S.S.R. summit, mx (444 10/31 Prath-FL) 0228
EE; IS, ID (343 10/24 Estes-MS) 0416 EE; Afr. svce, "Newslines
from Africa," rpt from U.N. Radio about the general assembly
debate on the African situation (553 10/29 Kline-Finland)

13770 1510 RN EE; "Happy Station," // 21480 & 17575 (444 10/18 Prath-FL)

17605 1145 RN EE; "Newslines" on death of former Quebec Premier René
Levesque, 1151 into "Media Network" (343 11/5 Westenhaver-QU)
1210 EE; tlc about the production of trucks in Holland, "SW
Feedback," // 15560 (444 10/24 Prath-FL)

NORWAY Radio Norway International

9600 0400 RNI EE; nx bulletin, YL ancr (444 10/13 Hawkins-TX)

9610 2220 RNI EE; tlc about theatre & critics in Oslo, rel svce in Norw. @
2230 (343 10/18 Prath-FL)

11850 1710 RNI EE; nx, cultural pgm, story of a Norw. girl (545 11/1 Miller)

15310 *1300 RNI EE; nx, Norwegian mx pgm (333 10/25 Hughes-FL) 1358 Norw.? +
EE; IS, into EE pgm by OM (544 10/24 Estes-MS) 1435 EE; song
'Suntan Nothing To Do' (444 9/19 Hickman-MD)

15315 1255 RNI Norw.; mx, IS, into Norw. pgm (444 10/21 Kerrigan-IL)

21730 0955 RNI Norw.; IS, Norw./EE IDs, Norw. nx @ 1000 (fr 10/24 Famularo)

POLAND Radio Polonia

6135 2200 RP FF; IS, nx, tlc, // 7270 & 7125 (322 10/31 Prath-FL)

7125 2230 RP EE; IS, nx, review of the weeks commentaries, // 7270 (333
10/17 Prath-FL)

7145 0259 RP EE; IS, s/on anmts, // 9525 & 7270 (pr 8/20 Moman-AB)

7270 0228 RP EE; letters from listeners, tlc about Polish ancestry (333
11/2 Hughes-FL)

7285 1359 RP EE; "Panorama," Agri-industrial Fair, review of the Polish
press, cinema pgms for Warsaw, 1429 bird IS (554 10/9 Kline-
F.R.G.)

PORTUGAL Radio Portugal

9600 0015 R. Renascença FF; ID "De Lisboa, Port., R. Ren...transmite para o
Brasil," mx on bells (333 10/6 Westenhaver-QU)

9680 0045 RDP EE; tourist pgm, visits to various places along the Port.
coastline, tlc about palaces & shipwrecks (232 10/20 Gerstner-NY)

9705 0300 RDP EE; clock, ID, nx, Swarcz pledges to continue to have an open
presidency (232 10/26 Brown-IL)

11895t 0842 R. Free Europe Hungarian; EE lesson, the different of foods in
America (522 10/7 Kline-F.R.G.)

15250 1915 RDF EE; questions for a contest given (333 10/9 Hesch-NY)

15285 1415 RDF EE; OM w/ young people's guide (444 9/19 Hickman-MD)

21745 1650 RFE Bulgarian; Judas Priest, 1700 ID "R. Svobodna Evropa" into nx
(343 10/8 Westenhaver-QU)

ROMANIA Radio Bucharest

6155 *2130 **RE** PP; IS, nx, comtry, tlk by OM/YL, // 9690 (222 10/18 Prath-FL)
0150 Romanian; OM w/ comtry, ID (555 10/1 Trescher-PA)
9530 0534 **RE** EE; nx by YL, 0537 ID as Afr. svce, OM w/ comtry on solidarity
w/ S. Afr. liberation struggle (343 10/11 Westenhaver-QU)
9570 0210 **RE** EE; nx by YL, mentions of Romania (343 10/24 Estes-MS)
11940 *1300 **RE** EE; nx, "The Week"-review of last weeks nx, // 9690 (444 10/31
Prath-FL) 1502 EE; nx about Burma, U.S.-Soviet arms accord, U.N.
day, contest about arms spending, "Cultural Notebook", congress
of political education, IS (453 10/23 Kline-Netherlands)
15250 *1500 **RE** EE; IS, ID, tlk on wld unemployment & "The Right to Work"
(fr-gd 10/25 Famularo-Japan) 1308 EE; // 9690, comtry on
disarmament, Romanian Independence after WWI, Romania's Communist
Party's 'revolution' in 1944 (443 10/26 Kline-Switzerland)

SPAIN Radio Exterior de España

6125 0505 **REE** EE; ID, nx, dollar continues to slip, mx (333 10/29 Brown-IL)
7450 1743 **REE** SS; 2 DMs w/ telephone calls, song, time pips, ID @ 1800,
headlines (333 10/2 Dillon-Greece)
9570 1715 **REE** SS; intvw, ID, QRM de Romania began @ 1730 (333 10/17 Dillon-
Greece)
9630 *0000 **REE** EE; U.S. attacks Iranian oil platforms (555 10/20 Wakefield-
IA) 0000 EE; American bases in Spain (353 10/20 Radtke-CA) 0001
EE; nx, terrorism (344 10/25 Miller-CA) 0130 EE; food, SWL rpt
(10/19 Estes-SC) 0145 EE; "SS by Radio," mx (555 10/26 Brown-IL)
0000 EE; nx, mx, comtry (545 10/13 Jones-TN) (Hickman-MD)
11880 0132 **REE** EE; anti-terrorist police in Spain & France (555 10/24 Estes-
MS) 0000 EE; ID, int'l nx (444 10/4 Langlois-FL) 0015 EE;
Columbus Day w/ complaint that U.S. thinks of Italy first (555
10/13 Fraser-MA) 0128 EE; comtry, wx rpt (523 9/18 Trescher-PA)
17845 1700 **REE** SS; ID by OM, noticias, into pop mx, tlk (444 10/24 Prath-FL)
21575 1402 **REE** SS; musical ID, nx, fast paced nx headlines w/ background mx
(343 10/26 Brown-IL)

SWEDEN Radio Sweden International

9630 0931 **RSI** EE; "Nordic Newsweek," nx, Finland only takes in 200 refugees
a year, Right Lively Awards (455 10/10 Kline-F.R.G.)
9695 0233 **RSI** EE; YL w/ nx, mx (232 10/24 Estes-MS)
21555USB 1010 **RSI** Swedish; tlk on Russian intellectuals & writers of the past
(fr-gd 10/24 Famularo-Japan)

*RSI sked changes to NAM for D87 are 1400-1430 9695 ex-11785, 2300-2300
6065 ex-11705. (direct)*

SWITZERLAND Swiss Radio International

3985 0730 **SRI** EE; "Dateline," // 6165 & 9535, mx, 0800 in FF (554 10/8
Kline-F.R.G.) 1915 II; wld nx, story on 'Rainbow Warrior,' ID,
Swiss mx (333 10/3 Dillon-Greece)
3985 2200 **R. Bellini** relay II; 'East is Red' IS, YL w/ anmts, weak under
ARD QRM, new service from 2100-2300 w/ 1/2 hr in GG, FF, I & EE @
2230 (322 11/5 Thunberg-PA)
6135 0416 **SRI** EE; "Swiss SW Merry-Go-Round," Alpine mx (333 10/10 Brown-IL)
0123 Romansch; comtry (555 10/10 Trescher) 0407 EE; nx, comment,
het from presumed Tahiti on 6135.7 (strong 10/8 Moman-AB)
6165 1731 **SRI** SS; OM, mx 1800 EE "Dateline," nx, rpt about Schultz's visit
to Moscow, "Swiss SW Merry-Go-Round" (444 10/24 Kline-Neth.)
9535 1745 **SRI** GG; Swiss mx, ID, sked, list of banks & figures, stocks (444
10/13 Dillon-Greece) 1707 Esperanto?; Elvis mx til 1730, clear
ID, ment. of Esperanto, NA (554 10/29 Kline-Finland)
9725 0202 **SRI** EE; nx, wld stock markets continue to fall, reformation on S.
Korea (333 10/21 Brown-IL)
9885 0207 **SRI** EE; Swiss nx by OM (444 10/24 Estes-MS) 0400 EE; nx, Tamil
violence, Iran-Iraq War (223 10/10 Brown-IL) 0155 EE; // 12035,
DX pgm @ 0217 (very gd 8/22 Moman-AB)
11840 1550 **SRI** EE; "Swiss SW Merry-Go-Round," QRM de Moscow (433 10/17
Blair-CA)
11955 *1315 **SRI** Romansch; IS, EE ID into Romansch (Tu/F only) nx, mx into
1330 EE but Sweden RR pgm on this freq, *1330-mess! (fr-gd 10/23
Famularo-Japan)
15135 *1315 **SRI** FF; IS, EE ID, FF rel pgm (Su only) into *1330 EE (pr-fr 11/1
Famularo-Japan)
15570 2100 **SRI** EE; nx, spts (444 10/17 Estes-SC) 2113 EE; nx, "Dateline," ID
(444 10/8 Hesch-NY)
17827? 1515 **SRI** station anmt in various langs, IS (333 10/13 Hawkins-TX)
17830 1331 **SRI** EE; nx, wld financial markets lower, Iran-Iraq War,
"Dateline," Sri Lankan city falls (322 10/26 Brown-IL)

SWITZERLAND continued

21695 1421 SRI FF/GG; 2 OM tik about refugee problems, Swiss Country Mx, ID, address. 1430 into GG, freq list (342 10/10 Westenhaver-QU)

UNITED KINGDOM British Broadcasting Corporation

3955 0702 BBC EE; nx, Sierra Leone imposes 13 death sentences (433 10/18 Wakefield-IA) 0723 EE; wld nx, ID, "The Actor and the Alibi"-Father Brown story (554 10/5 Kline-F.R.G.) 1830 EE; "My Music," // 9410 (433 10/3 Dillon-Greece)

3975 1900 BBC GG; wld nx, focus on arms control (333 10/3 Dillon-Greece)

4975? 0406 BBC EE; nx, rpt on El Salvador, Chinese claim 50 tourists were involved in riots in Tibet (333 10/10 Brown-IL) freq-5975?-ed.

6010 0730 BBC EE; "English by Radio"-EE lesson, 0745 end of transmission (533 10/7 Kline-F.R.G.)

6195 1410 BBC EE; English public schools, Malawi schools, QRM from 6190, wild man of Borneo, nx (533 10/6 Kline-F.R.G.)

9410 1700 BBC EE; wld nx, "A Letter from England," // 12095 (433 10/8 Dillon-Greece)

9555 1629 PCI relay RR; IS (544 10/6 Kline-F.R.G.)

9585 1710 VOA relay RR; wld nx, "Panorama," ID, QRM de Budapest (433 10/18 Dillon-Greece)

9750 1221 BBC EE; Alistair Cook w/ a tribute to Fred Astaire, preview of upcoming features (454 10/18 Kline-Czechoslovakia)

9915 0123 BBC EE; telecommunications in India (242 10/24 Estes-MS)

12095 1645 BBC EE; "The World Today," wld nx, "A Letter from N. Ireland" (444 10/2 Dillon-Greece) 0434 EE; pgm of Beethoven's mx, ID, "Reflections" (453 10/29 Kline-Finland)

15070 1500 BBC EE; "Radio Newsreel," "Concert Hall" @ 1515, // 9410 (333 11/1 Blair-CA) 0804 EE; nx, 3,000 flee Texas City due to acid gas, "Reflections," torch reading (555 10/31 Kline-Finland)

15205 1541 VOA relay EE; rock & soul mx w/ dedications to Afr. listeners, cc-channel AA QRM (522 10/20 Kline-W. Berlin)

VATICAN CITY STATE Vatican Radio

6150 0221 VR SS; Pope's message, ID (555 9/6 Trescher-PA)

7275nf? 2109 VR SS; OM w/ nx, EZL mx (333 10/21 Sable-FA)

7315 *0000 VR SS; IS, s/on anmts accompanied by SAM harp mx, pgm details, rpt on Pope's Wednesday audience (343 10/1 Westenhaver-QU)

9605 0045 VR EE; message from Pope (333 10/1 Langlois-FL) 0050 EE; "This is VR," "The Church Today" (444 10/9 Jones-TN) 0000 SS/FF/EE; IS, tlks, 0050 EE w/ Heart & Mind, God's Gift (10/11 Miller-CA) 0055 EE; history & life of Basil the Great (444 10/20 Gerstner-NY)

9645 2002 VR EE; local nx, SS @ 2004 (343 10/8 Hesch-NY) 1452 EE; wld nx, Reagan to speak to the OAS, earthquake in Los Angeles today, IS, 1500 GG (555 10/5 Kline-F.R.G.)

11780 0055 VR EE; nx, correspondent from Tibet uprising & S. African flood (444 10/10 Hickman-MD) 0050 EE; "Vatican Viewpoint," Brodsky's winning of the Nobel Prize for Literature, negro spirituals, nx, council of cardinals' meeting, // 9605 (453 10/23 Kline-Neth.)

11810 1545 VR EE; OM w/ ID & freqs, YL w/ nx (544 10/17 Blair-CA) 1545 EE; Pope John Paul II Anniversary pgm & Marxism (353 10/22 Radtke-CA)

WEST BERLIN RIAS-Berlin

6005 1105 GG; nx, EE mx, Deutschlandfunk aus Berlin IDs (253 10/19 Kline-G.D.R.)

YUGOSLAVIA Radio Yugoslavia

15240 1533 EE; nx, "Int'l Economic Review" about Africa's \$200 billion debt, "Science & Technology Rpt," antibiotic export, "Sunday Magazine" about TV viewing, 1555 IS, 1600 YL in FF (454 11/1 Kline-England)

CLANDESTINE Radio Free Afghanistan via RFE/RL Portugal

17725 1333 Pashto; OM w/ nx in city-item format, ME mx, 1339 ID "Da Azad Afghanistan R. De," OM w/ tlk, QRM de RFI-17720 (333 10/1 Westenhaver-QU)

PIRATE Radio 101 in Belgium

7361 0839 EE/Dutch?; OM hosting rock mx format, deep fades but good audio quality, 0847 "this is Radio 101 on shortwaves (252 11/1 Kline-England)

UNIDENTIFIED

6248 0503 FF?; Vatican listed here (wk 8/20 Moman-AB)

USSR

LOGGINGS AND INFORMATION

Mail Monthly Contributions to

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

Hello and welcome to the first USSR column. Lots of info and logs this month so I will save the chit-chat for next month. On to the logs...

DECEMBER 1987

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

4485 1430 **Kamchatka R.-Petro.-Kam.:** RR/Azerbaydzhan; Republic Program OM/YL, Novosti nx, mx w/ethnic vocals (534 10/20 Sharpe-CA)

4740 1208 **R. Afghanistan-Ashkhabad (RDI):** Pusto/Dari?; lcl mx YL sing., QSB & out @ 1223 (333 10/4 Ross-ON)

5905 1450 **RM-Ryazan (RDI):** EE; World service, YL w/ID, address, mx, chimes @ 1500 YL w/ID & nx (544 11/6 ed.)

5950 1510 **RM-Petropavlovsk?:** EE; Focus on Asia & Pacific "National Reconciliation in Afghanistan" (444 10/25 Sharpe-CA)

7125 1025 **RM: JJ; YL tkl, @ 1027 YL/OM ID** "Hochirawa Mosuko hoso des"

7275 1200 **RT: EE; YL/OM nx, tkl abt. cotton growing, Uzbekistan Pop.:** 19 Mil. (444 11/2 Robinson-TN) (322 10/29 Westenhaver-PQ)

7290 0700 **RM-Vladivostok?:** EE; Moscow Mailbag (444 11/1 Sharpe-CA)

7320 0329 **R. Magallanes: SS; Electronic IS w/ID's, @ 0330 ID, Protest** song as bridge, into OM/YL tkl (243 10/10 Westenhaver-PQ)

7340 1120 **RM-Irkutsk (RDI):** CC; YL ID "Mosuko guangbo diantai"; OM tkl abt Nicaragua, ID @ 1123 (343 10/2 Westenhaver-PQ)

7360 *0100 **RSP&P-Krasnodar?:** Creole; S/on amnts in Creole, then nx in FF, Much WRNO QRM; //5905 (343) (322 10/1 Westenhaver-PQ)

9470 2040 **RM-Ulyanovsk?:** EE; Afr. service; tkl abt Western arms sales to S. Afr.; @ 2043 ID as Afr. Sc. & "Weekend in Moscow" px profiling a Latvian popular singer (344 11/1 Westenhaver-PQ)

9625 *1200 **RM-Chita (RDI):** CC; IS, YL ID's twice and into pres. nx not strong, but on top of CBCNQS! (232 10/11 Westenhaver-PQ)

9665M 1908 **R. Afghanistan: EE; OM w/ nx; Pakistani foreign minister to** resign, mx, YL w/ID @ 1014, highlights of speech by minister of foreign affairs; 1918 S/off (543 10/31 Kline-England)

9735 *1400 **Radiostansiya Rodina: RR; IS, OM ID, nx, ments. "Glasnost"** (ex. 10/7 Famularo-JP)

9820 2300 **RM: SS; LA svc. w/nx, pol. tkl //7370, 7360, 7350 (444** 10/31 Prath-FL)

12050 *1030 **RM: pres. Cambodian; OM w/"Thini Moscou" ID & S/on w/ments** Kampuchea; into nx (333 10/21 Westenhaver-PQ)

12055 0004 **RM: CC; YL tkl to 0011 (nx?), mx, YL ID @ 0012, then px of** OM/YL tkl //11970 (232) (243 10/3 Westenhaver-PQ)

15180 2300 **RY: EE; "Today in Lithuania" (353 10/19 Radtke-CA)**

15180 0042 **RK-Petro.-Kam.: EE; ID, "DX Club" (343 10/19 Westenhaver-PQ)**

15255 0900 **R. Afghanistan: RR; OM w/ID, nx (444 10/6 Kline-FRG)**

15330 1150 **RM-Tashkent (RDI):** Urdu; YL "Yeh Radio Moscow Hay", brief sub-continent mx, OM tkl (fr-gd 10/25 Famularo-JP)

15470 1258 **RM-Dushanbe; Indonesian; OM in lang., IS, ID & freq. in Indo** @ 1300, into nx (343 10/2 Marshall-GA)

15470 *1400 **RSP&P: EE; IS, ID, wld nx, tkl (fr-pr 10/20 Famularo-JP)**

15490 *1700 **RM-Moscow (RDI):** EE; ID as Afr. svc & ment trans. in 25 & 31 mb, px details, nx (243 10/18 Westenhaver-PQ)

17850 0030 **RM-Rhabarovsk (RDI):** EE; Nx in brief, ID, into "Audio Book Club" //17880 (242), polar QSB (343 10/19 Westenhaver-PQ)

17870 0540 **RM-Chita (RDI):** CC; OM/YL tkl, ID @ 0542, tkl w/many ments "Mosuko", Sig. dropped out @ 0546 (242 10/11 Westenhaver-PQ)

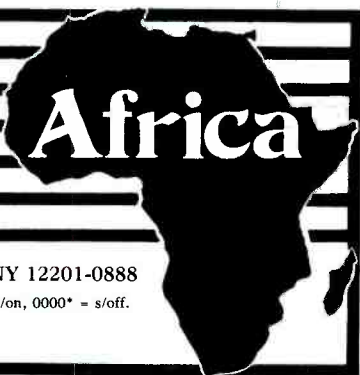
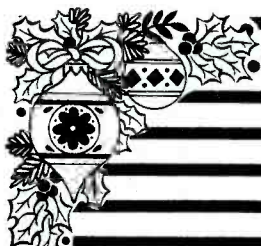
THE CDE LOGS ARRIVED TOO LATE FOR THIS MONTH, BUT ALL CONTRIBUTORS WILL RECEIVE CREDIT.

USSR RELAY STATIONS: Compiled by Ralph S. Bowden, September 3, 1987.

<u>GEOGRAPHICAL LOCATION</u>	<u>GEOGRAPHICAL COORDINATE</u>	<u>ADMINISTRATIVE AREA</u>
Aschahabad	58°23'E/37°57'N	Turkmen SSR
Alma Ata	77°00'E/43°17'N	Kazakh SSR
Armavir	40°49'E/45°00'N	RSFSR (Europe)
Baku	49°45'E/40°24'N	Azerbaijan SSR
Blagoveschensk	127°53'E/50°14'N	RSFSR (Asia)
Brest	25°35'E/53°23'N	Byelorussian SSR
Duschanbe (Dushanbe)	68°58'E/38°40'N	Tadzhik SSR
Erivan (Yerivan)	44°30'E/40°10'N	Armenian SSR
Frunze	74°37'E/42°54'N	Kirghiz SSR
Gorkiy (Gorkii)	44°00'E/56°17'N	RSFSR (Europe)
Iamburg	28°43'E/59°27'N	RSFSR (Europe)
Iakutsk (Yakutsk)	129°48'E/62°01'N	RSFSR (Asia)
Irkutsk	103°18'E/52°18'N	RSFSR (Asia)
Ivanofranovsk	24°48'E/48°56'N	Ukrainian SSR
Jigulovsk	49°30'E/53°26'N	RSFSR (Europe)
Kalach (Kalatch)	40°40'E/50°26'N	RSFSR (Europe)
Kalinin	35°35'E/56°52'N	RSFSR (Europe)
Kaunas	24°00'E/54°55'N	Lithuanian SSR
Kazan	49°08'E/55°47'N	RSFSR (Europe)
Kenga	80°56'E/57°25'N	RSFSR (Asia)
Khabarovsk	135°15'E/48°33'N	RSFSR (Asia)
Kharkov	36°17'E/50°00'N	Ukrainian SSR
Khilly	48°57'E/39°28'N	RSFSR (Europe)
Kiev	30°13'E/50°27'N	Ukrainian SSR
Kinghisepp	29°43'E/59°27'N	RSFSR (Europe)
Komsomolsk-na-Amure	137°05'E/50°30'N	RSFSR (Asia)
Koneva	36°53'E/60°12'N	Ukrainian SSR
Krasnoyarsk	92°54'E/56°01'N	RSFSR (Asia)
Kursk	36°12'E/51°46'N	RSFSR (Europe)
Leningrad	30°01'E/59°57'N	RSFSR (Europe)
Lvov	24°00'E/49°50'N	Ukrainian SSR
Minsk (Mitchurinsk)	40°11'E/52°54'N	Byelorussian SSR
Moskva (Moscow)	37°18'E/55°45'N	RSFSR (Europe)
Murmansk	32°46'E/68°58'N	RSFSR (Europe)
Nikolayovsk-na-Amure	140°47'E/53°10'N	RSFSR (Asia)
Novosibirsk	82°58'E/55°04'N	RSFSR (Asia)
Okhotsk	143°00'E/59°30'N	RSFSR (Asia)
Omsk	72°23'E/54°59'N	RSFSR (Asia)
Orenburg	54°47'E/51°46'N	RSFSR (Europe)
Orsha	30°27'E/54°31'N	Byelorussian SSR
Petropavlovsk Kamchatskiy	158°39'E/52°59'N	RSFSR (Asia)
Petrozavodsk	34°20'E/61°48'N	RSFSR (Europe)
Ryazan (Riazan)	39°41'E/54°37'N	RSFSR (Europe)
Riga	24°07'E/56°58'N	Latvian SSR
Serpukhov	37°25'E/54°54'N	RSFSR (Europe)
Simferopol	34°06'E/44°56'N	Ukrainian SSR
Stanislav	24°48'E/48°56'N	Ukrainian SSR
Starobelsk	37°57'E/49°13'N	Ukrainian SSR
Sverdlovsk	60°36'S/56°50'N	RSFSR (Asia)
Syktyvkar	50°31'E/61°41'N	RSFSR (Europe)
Tashkent	69°17'E/41°19'N	Uzbek SSR
Taishet (Taichet)	97°35'E/55°48'N	RSFSR (Asia)
Tallinn	24°47'E/59°27'N	Estonian SSR
Tbilisi	45°45'E/41°40'N	Georgian SSR
Tschita (Chita)	113°20'E/52°05'N	RSFSR (Asia)
Tomsk	85°02'E/56°30'N	RSFSR (Asia)
Tula	37°46'E/54°12'N	RSFSR (Europe)
Vinnitsa	28°26'E/49°13'N	Ukrainian SSR
Vladivostok	121°51'E/43°12'N	RSFSR (Asia)
Volgograd	44°28'E/48°42'N	RSFSR (Europe)
Vologda	40°00'E/59°12'N	RSFSR (Europe)
Voronezh	39°14'E/51°38'N	RSFSR (Europe)
Yuzhno Sakhalinsk	143°10'E/45°55'N	RSFSR (Asia)

Above information obtained from lists in D-87 THFBS, IFRB, ITU..

Thanks to Ralph Bowden for the above info. 73's and CU next month --Jason



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

Submission Deadline is the 12th.

Hey, so I'm sorry about not showing up last month. You see, my dog chewed up, uh, the mail-man lost it in his bag and....no, it was that Bermuda Triangle, yeah that's where it went. Ahh, what the heck. It was my fault..I got clobbered with work at the last minute (when this column is usually prepared..as a matter of fact, when I do most everything I'm supposed to) and just plain missed my deadline. Hopefully that's the first and last time that'll happen Now onto something more positive.....

LOGGINGS FOR DECEMBER, 1987

Best Bets: ➤ =ECNA, ➤ =WCNA

ALGERIA

➤ 9509 1900 R. Algiers: EE; s/on w/freq sked, instr mx to nx headlines @1907. 333 (10-29 Thunberg-PA)

ANGOLA

3376 0337 R. Nacional: PP; lively vcl mx, W ID as R. Nacional @0403 & march mx.// 3353 & 4953. CW QRM. 222(9-26 Ross-ONT)

4952.7 0420 R. Nacional: PP; W/M trade news items; Afr mx. 434(10-27 VanHorn-FL) [OK, so I can't count...]

3354.7 0430 R. Nacional: PP; discussion, local pops, RNA net ID @0440. gd(11-14 Sheedy-CA)

7172 0525 ER do Lobito: PP; hilife mx, M dj nx promo. 222(11-2 VanHorn-FL). fair (11-14 Sheedy-CA)

➤ 11955 1628 R. Nacional: EE; IS, multi-lang IDs, EE pgm "Voice of the ANC". fading but good(11-14 Sheedy-CA). in FF @1558 w/ptl ID, nx, pops to1620*. poor (10-9 Moman-AB)

ASCENSION ISLAND

6005 0538 BBC Relay: EE; African mx, ID. 422(10-29 Brown-IL)

9515 0015 BBC Relay: EE; News About Britain. 433(10-3 Zirkelbach-CA). 333(Brown-IL)

15260 2222 BBC Relay: EE; pgm notes, Reflections, ID. 333(10-26 Brown-IL)

15285 1515 BBC Relay: EE; Radio Newsreel, operatic mx. 334(11-2 Miller-CA)

BENIN

4870 0403 LV de la Revolution: FF; M ancw w/hilife mx pgm. 232(10-22 Thompson-CA). @0550..333(11-2 VanHorn-FL)

BOTSWANA

➤ 4820 0355 R. Botswana: SeTswana/EE; animal IS to 0359, NA, M sign-on anmt, inst of "Fairest Lord Jesus" w/M talk-over, then tribal acapella mx. 343/322(10-14 Thompson-CA). 544(10-10 Worob-TX). 433(10-27 VanHorn-FL). 433(10-4 Trescher-PA). buried by Honduran here..poor(10-7 Moman-AB). no Honduran hrd..343(10-11 Laves-TX)[Maybe you two can exchange QTH's for a month or so.-ed.]. 444 here, also noted on //3355 (433)(10-14 Evans-TN)

7255 0350 R. Botswana: SeTswana/EE; barnyard IS into choral mx, EE ID, western mx. 444(10-19 Zirkelbach-CA)

BURKINA FASO

➤ 4815 2345 R. Burkina: FF; EE ezl mx, ID & NA @2359, off @0001*. 333(10-17 Gerstner-NY) fair(10-8 Moman-AB). Noted @0201 w/nonstop martial mx. 333(10-16 Levison-PA).[That was THE night to be listening to this one, as described by SPEEDX Latin America ed Carl Huffaker:

BURKINA FASO (continued)

"Did you catch the revolution in Burkina Faso?

When I tuned them @0045 (10-16) they were playing some really strange mx - a repetition of tones and drums that must have been military, or at least a tribal war dance.

The "proclamation" on the hour was rather standard, the declaration of a new "popular republic". Somewhere around 0200 the coup must've been over as they switched to hilife music, but continued with the proclamation.

What surprised me was the parallel to the Guatemalan revolutions, military mx, the first reading of a proclamation, a switch to national mx, and the tape of the proclamation played at intervals. Perhaps the Third World has it's standard revolutionary procedure!"

[Perhaps there's an etiquette guide for this kind of event, such as "Miss Manners' Guide to Graceful Coup d'Etats". -ed.]

7230 0808 R. Burkina: vern; M nx to 0815, mx, long tlk, f/out. 353(11-4 ed.)

CAMEROON

4795 0305 R. Douala (t): vern; M preaching, choral hymns in vern. Distorted IS beneath @0320 sounds like Nigeria. 242(10-29 Thompson-CA)[Kinda early for Douala, Peggy, 'tho not impossible. Doubt Nigeria here either. Anyone? -ed.]

4850 2253 R. Cameroon: EE; M tlk abt political parties/elections in Cameroon. 322(9-25 Ross-ONT)

5010 0509 R. Garoua: EE; nx abt CA quake, Gulf war. 332(10-2 Shaffer-PA). 333(11-3 Ross-ONT)

CANARY ISLANDS

15365 0008 R. Exterior de Espana Relay: SS; interview, passing ID, mailbag; all //9360 (from Spain). Is local ID given only between 22-2300? [Only time I've seen it reported. - ed.] 242(10-12 Laves-TX)

CHAD

➤ 4904.5 2148 RN Tchadienne: FF; M long tlk to hilife mx @2156; W s/off anmts & ID @2158, then children's chorus, NA, 2201*. 353(10-5 D'Angelo-PA). @0458..433(10-2 Shaffer-PA). poor(9-9 Moman-AB)[pres. Libyan jamming hvy here @ s/on in past week or so. - ed.]

5286.3 0543 R. Mondou: FF; drum/percussion mx, VN vcl mx; FF nx by M @0550-0555. 222(10-6 Ross-ONT). 252(10-4 D'Angelo-PA)

COTE D'IVOIRE

➤ 4940 2357 R. Cote d'Ivoire: FF; Afro mx, nx @2357, ID/anmts/NA, off @0002*. fair(10-7 Moman-AB). 333(11-3 Miller-CA)(@0615)

6015 *0600 R. Cote d'Ivoire: FF; W s/on anmts, freqs/skcd, into nx pgm. 242(10-11 Hardester-PA). 433(10-9 Westenhaver-QUE). 333(10-28 Thunberg-PA)

7215 2158 R. Cote d'Ivoire: FF; instr mx, M tlk; //4940 & 11920. 322(10-5 Ross-ONT)

➤ 11920 2300 R. Cote d'Ivoire: FF; M ID, percussive Cubano mx, Satchmo "Mack the Knife". 444(10-28 Robinson-TN). 444(10-24 Evans-TN)

CENTRAL AFRICAN REPUBLIC [Nope, I can't alphabetize either. -ed.]

5035 0427 R. Centrafrique: FF/VN; carrier to 0441, NA, M tlk in FF & VN, into lcl instr mx. 333(11-3 Ross-ONT). @2105..333(11-3 VanHorn-FL)

EGYPT

➤ 9475 0200 R. Cairo: EE; ID/tc/freq, pgm abt Egypt-Libya relations. 444(11-5 Brown-IL). 454(10-9 Hesch-NY). 423(10-17 L.Johnson-CA). 543(10-6 Kline-FRG)

9900 0107 R. Cairo: AA; M cmty on Iran. 555(10-3 Trescher-PA)

15210 1230 R. Cairo: AA; M & W mx: Iran/Iraq, Reagan/Gorbachev; Qur'an recitations @ 1248. 444(10-27 Robinson-TN)

17800 *1100 R. Cairo: AA; OC to 1100 chimes, Cairo theme mx, W dictation nx. fair (10-24 Famularo-JPN)

EQUATORIAL GUINEA

5004 2204 R. Nacional, Bata: SS; end of s/off anmts, familiar l-o-n-g NA @2206, off @2210*. 343(10-18 D'Angelo-PA)

9552.7 2048 R. Nacional; EE/SS; canned US religion (Assemblies of Yahweh, etc.), SS ID/QTH @2100. vy good(11-1 Sheedy-CA). 333(10-3 Ross-ONT)

ETHIOPIA

7110 0357 VO Revolutionary Ethiopia (t): Amharic; vibraphone/harmonium mx to 0400, then W "Yeh Yeabiyo Tawit...", then tlk. Severe QRM either side. 211(10-16 Westenhaver-QUE)

GABON

- >4830 0545 Africa #1: FF; M ID, W gives freqs, into nx. 433(10-14 Zirkelbach-CA). 344
 (10-22 Miller-CA). @1735..333(10-12 Dillon-GREECE)[Showoff-ed.]
 4890 0435 RFI Relay: EE; 1987 Personality contest - win a car. 333(10-26 L. Johnson-
 CA). 322(10-25 A. Jones-TN). good (9-9 Moman-AB)
 9570 0543 R. Japan Relay: EE; canned pgm abt sumo; EE/FF/GG ID's @0556, ment satellite
 circuits down, so running taped pgms from Moyabi. 433(10-9 Westenhaver-QUE).
 433(10-29 Brown-IL) 323(11-8 Roach-CA)
 11800 2303 R. Japan Relay: EE; nx abt stockmarket, ID. 322(10-26 Brown-IL)
 >15475 2037 Africa #1: FF/EE; M dj hillife mx, EE Rothman's & Africa Corcord magazine ads;
 interview in EE w/Jamaican W named 'Cinderella' abt her song "Free
 Africa". 554(10-28 Thompson-CA)[Why I love ANO...so hokey it's almost sur-
 real. -ed.] 353(10-19 Radtke-CA). 333(10-3- Hickman-MD). exc(10-7 Moman-AB)
 17775 0805 R. Japan Relay: JJ; M nx, JJ pops; beam SAM; splatter de Australia/17750. fair
 (10-25 Shinada-JPN)
 21700 1349 R. Japan Relay: EE; Q and A abt Japan; ID. 222(10-26 Brown-IL)

GHANA

- 3366 2153 GBC: EE; classical mx, ID @2200 "This is Radio Two", nx & sports. 233(10-21
 Gerstner-NY). 252(10-5 D'Angelo-PA). @2245..444(9-24 Ross-ONT)
 >4915 0602 GBC: EE/VN: world & local nx, ID, same in VN. 344(11-3 Miller-CA). 433(10-18
 Zirkelbach-CA). poor(11-16 Fox-CT). @2141..444(10-21 Gerstner-NY). 333(10-
 26 Brown-IL). fair (10-7 Moman-AB)

GUINEA

- 4900 2315 RDif National: FF; M/W tkl, instr mx, W ID "La Voix de la Revolution, Radio-
 diffusion National". 333(9-24 Ross-ONT)

GUINEA-BISSAU

- 5475.5 2335 R. Nacional (t): ??; M tkl, e2l mx; VY weak, with signal dropping @0000. .
 212(11-2 VanHorn-FL)[Maybe,.....ed.]

LESOTHO

- 3255 0358 BBC Relay: EE; bell IS, tp's, ID, M nx. Moved here from 3340? [Yep.-ed.] 222
 (11-3 Ross-ONT)
 3340 0358 BBC Relay: EE; IS, s/on, W ID, into EE nx. 222(9-26 Ross-ONT)
 4800 1529 R. Lesotho: EE; M ancw w/promo for self-education materials, into VN & kids'
 choir @1531. This long-path sig rarely hrd here, best on 2000' Beverage.
 fair(10-7 Moman-AB). @0430..353(10-17 Radtke-CA)
 6190.1 0405 BBC Relay: EE; WS nx, cmtv on Marconi Co. investigations. 333(10-25
 Hardester-PA)

LIBERIA

- 3230 2147 ELWA: VN; native vcl mx, M tkl, children's choir; bells @2209, abrupt off
 @2210*. 333(10-25 Ross-ONT)
 >4760 0610 ELWA: EE; Good Morning Liberia pgm info, ID @0615. fair-gd(11-13 Sheedy-CA)
 9540 0530 VOA Relay: EE; tkl abt nuclear energy. 333(10-14 Zirkelbach-CA)
 9550 0430 VOA Relay: EE; rpt on author of book "Deliverance". Off @05*. 433(10-10
 Brown-IL)
 11835 0331 VOA Relay: EE; Daybreak Africa; sports, ID. 222(10-8 Westenhaver-QUE)
 17870 2045 VOA Relay: EE; pgm abt World Health Org; radio for blind in RI. 233(10-8
 Hesch-NY)

LIBYA

- 21645 1740 Saut al-Uatan: AA; M ID, into repetitive drone horn mx. //15450. 343(10-13
 Westenhaver-QUE)

MADAGASCAR

- >15570 1719 R. Nederland Relay: EE; Media Network. Usually ruined here by WYFR splash.
 322(10-8 Westenhaver-QUE)

MALI

- >4782.8 0607 RTV Malienne: Swahili; lcl mx, M tkl, drums. local-like sig. 555(10-6 Ross-
 ONT). 242(10-27 Radtke-CA).[Yes, often they're strongest guys on band after
 other afros die away. -ed.]

MAURITANIA

- 4845 2230 RTV Mauritanie: AA; ID, nx, retuné @2348 to Qur'an into martial NA w/s/off
 routine. 0001*. 353(10-9 D'Angelo-PA)

MOROCCO

- ▶11920 2300 RTV Marocaine: FF; pgm of nx and mx. 353(10-17 Radtke-CA)
 17595 1417 RTV Marocaine: AA; AA flute/string mx, long mx selections; //15360. 444
 (10-3 Ross-ONT)
 17815 1750 RTV Marocaine: AA; Naf-style "ME" mx//15335, fair w/Brasilian QRM. (11-8
 Sheedy-CA)

MOZAMBIQUE

- 3210.5 *0258 R. Mocambique: PP; IS, M ID, NA, W with nx, then lcl mx. //4865 vy poor. 242
 (10-31 D'Angelo-PA). "Musica Juluka" pgm. 322(10-10 Ross-ONT). 333(10-29
 ed.). @1533 unusual early Afr opening. fr-gd(10-4 Famularo-JPN)
 3280.2 0318 EP de Sofala, Beira: PP; lively mx, M tkl PP. 222(10-10 Ross-ONT)
 4863 0337 R. Mocambique: PP; lively xylo mx, drums, ID @0358 "R. Mocambique - transmite a
 Emissao Interprovincial da Maputo e Gaza". 333(10-12 Ross-ONT)
 9619.8 0557 R. Mocambique: PP; Afro flute mx, M/W tkl, AA-sounding mx. 322(11-2 VanHorn-
 FL)[Sorry you got heat on this elsewhere, Gayle...I believe ya! -ed.]. 333
 (10-10 Ross-ONT)

NIGER

- ▶5020 2146 ORTN: FF; hilife mx, occ tkl by M dj; s/off ID/anmts/choral NA @2200, then
 2203*. 353(10-22 D'Angelo-PA). @0535. 444(11-1 VanHorn-FL)

NIGERIA

- 3326 2258 R. Nigeria: EE; Concert: pgm classical mx; ID "This is R. Nigeria, Lagos",
 12 o'clock tc into W EE nx. 444(9-24 Ross-ONT)
 4770 *0430 R. Nigeria, Kaduna: EE; drum IS to 0431, then acapella NA, M ID/freqs,
 into Qur'an @0434. Lowside UTE QRM. 333(11-3 Laves-TX). @2133..243(10-21
 Gerstner-NY). good(9-9 Moman-AB)
 7255 0430 VO Nigeria: EE; nx by W, M reads cmty on trade. 353(10-12 Radtke-CA)

RWANDA

- 3330 0350 R. Rwandaise (t): FF; Afro mx, M tkl in FF; noted u/CHU on good Afr nite. 222
 (10-14 Evans-TN).
 17860 1830 Deutsche Welle Relay: GG; ID/freqs/sked, into nx then pop mx. 353(10-19
 Radtke-CA). 454(10-8 Hesch-NY)

SEYCHELLES

- 9510 1732 FEBA: Oromo (pres); IS to 1733, ID/meter band, choral singing w/wheezy har-
 monium. 333(10-12 Westenhaber-QUE)
 9610 0310 FEBA: Swahili; "What a Friend..." IS, M ID as "FEBA Radio", into Swa pgm. 333
 (10-23 Ross-ONT). 322(10-9 Evans-TN)
 11760 1731 FEBA: EE; IS, into EE pgm; under VOA Wooferton. 222(11-8 Ross-ONT)
 11870 0257 FEBA: Farsi; IS, into Farsi religion. 222(10-11 Ross-ONT)
 15325 1305 FEBA: Tamil; M/W tkl abt Bible, subcontinent vcl mx, ID & mailing address.
 1315*. fair(10-28 Shimada-JPN)

SOUTH AFRICA

- 3215 0400 R. Oranje: Afk/EE; M dj w/ID, US cig ad, MOR mx; UTE QRM. 232(10-30 Sampson-WI)
 3230 0410 R. RSA: EE; news bulletin. fair(9-1 Moman-AB)
 3320 0133 R. Orion: EE/AK; pop mx pgm, IDs as R. Orion. 444(10-13 Ross-ONT)
 4880 2150 R. Orion: EE/AK; mx, ID both langs; "Welcome to the all night program of Radio
 Orion", rock mx. 333(10-16 D'Angelo-PA)[Possibly a transitional goof by xmtr
 site personnel...see latest Internal Sces sked below. -ed.]
 4880 0438 R. Five: EE; rock mx, CD player contest, ads, racing bike contest. 333(10-28
 Thompson-CA). 243(10-8 Westenhaber-QUE). 233(10-23 Gerstner-NY). 433(10-12
 L.Johnson-CA). 433(10-28 Zirkelbach-CA). good(10-7 Moman-AB)
 4990 1505 R. RSA: EE; news; Chinese QRM underneath. fair(10-8 Moman-AB)
 6010 0157 R. RSA: EE; IS, ID, nx, cmty on African economy. 433(10-15 Brown-IL)
 6120 0332 R. RSA: EE; ASWLC report/DX program. Not listed RDI here. 343(10-25 Hardester-
 PA). good(10-7 Moman-AB)[Don't believe here anymore...now on 4990, 7295,
 9580 and 11900. -ed.]
 9580 *0200 R. RSA: EE; s/on anmts, nx read by Henry Vaughan. Good freq choice..better than
 old 6010. 343(11-1 Westenhaber-QUE)[//9615 & 11730 to NAM. -ed.]
 9615 0200 R. RSA: EE; cmty: SAF & Western Europe. 444(10-12 A.Jones-TN)
 11730 0203 R. RSA: EE; world nx, cmty: financial market collapse. 444(10-21 Levison-PA)
 11810 1800 R. RSA: FF; ID "You're tuned to the FF Sce of R. RSA". 322(10-25 L.Johnson-CA)
 17835 1810 R. RSA: GG; ID @ 1815, //15185. fair w/QSB.(11-8 Sheedy-CA)
 21590 1552 R. RSA: EE; tkl w/inventor of new remote garage-door opener. 343(10-14 Westen-
 haber-QUE)[Sounds like quite a technological breakthrough. -ed.]

SOUTH AFRICA (continued)

Here, per phonecall to Meyerton, is the new Internal Service sked:

3215 R. Oranje 0300-0420, 1540-2030
 3320 R. Orion 1610-0405
 3955 R. Orion 1545-0500
 4880 R. Five 0300-0510, 1620-2200
 7230 R. Orion 0405-1610
 7285 R. Oranje 0420-1540
 9555 R. Orion 0500-1545
 9665 R. Five 0510-1620

As you can see, R. Orion is now a 24-hour service. It switches to R. Suid Afrika Afrikaans service @0300 on both frequencies, not sure when Orion in EE resumes. If this is confusing to you, you can imagine how confusing my telephone conversation was. Other notable freqs: 4990 used for R. RSA: EE(0456-0626) and Chichewa(0626-0750) only, no afternoon usage; and the Lozi program is on 9590 from 1528-1756.

SWAZILAND

3240 0258 TWR: EE/VN; musicbox IS to 0300, M EE ID, mx, into M VN tik/music. 222(10-27 Ross-ONT)
 ▶ 4760 0355 TWR: VN; IS, M EE ID @0400, into VN religious pgm. 444(9-29 Ross-ONT)
 3365oops0532 TWR: unid; M sermon @0532, choral mx, ID. Best in USB. 232(10-23 ed.)
 9550 1725 TWR: Swahili; children singing lcl mx; w ancr, presumed nx by W/M @1730, then organ mx, EE ID @1800. 333(10-15 Dillon-GREECE)

TANZANIA

6015 0345 R. Tanzania Zanzibar (t): Swahili?; AA-sounding mx, M tik, Afro mx, covered @ 0400 by DW s/on in AA. 333(11-1 VanHorn-FL)[Hmmm..could be UAE Abu Dhabi which is now loitering on this frequency. RTZ peaks around this time, but usually is several Hz low, like 6014-point-something. -ed.]
 9684 0320 R. Tanzania: EE; carrier to 0328, celeste IS to 0329, W ID, NA, brief tik, into pop mx pgm. 333(10-23 Ross-ONT).[Observant listeners will notice that this freq remains uncluttered during entertainment pgms, and is heavily jammed when into nx, cnty, R. Freedom or other ANC programs. Your guess of the jamming source and 50c will get you a cup of coffee. -ed.]
 11734.2 1700 R. Tanzania Zanzibar: Swahili; incredibly long, involved religious ceremony for Mulid al-Nabi (Birth of the Prophet Muhammad) kept these guys on to around 2010*, loud and clear without KCBI. 333(11-4 ed.)

TOGO

3222 0554 R. Kara: FF; lively mx, M ID @0559 "Ici Kara", into nx. 222(10-6 Ross-ONT)
 ▶ 5047 *0526 R. Togolaise: FF; soft chime IS to 0529, martial NA, then slow, perfect (per WRTH) ID by M @0530. 353(10-11 Laves-TX). @0002*..fair(10-9 Moman-AB)

UGANDA

4976 0417 R. Uganda (t): EE; M nx abt Uganda; hvy QRN, almost gone by 0430. 232(10-18 D'Angelo-PA)

ZAIRE

4750.8 0405 LV du Zaire (t): FF; extremely wk, bits of W tik (nx?), then into Afro mx @0408. 121(10-23 ed.)
 15244.6 2318 LV du Zaire: FF/EE(1); live political speeches, hilife mx, nx in EE by M @0015-0022, then "Magazine"(?) feature in EE by same M until 0030; f/out, back with request mx/dedications in EE & other languages. No further EE noted next two days, than on the third day, the debut - on freq - of RMoscow NA See in EE. Bye bya Zaire for awhile! EE perhaps weekly? Every Monday? 343(11-2 Flynn-CA).[Nice log, Bill, and first I've heard about EE from here. -ed.] @2223 in FF..222(10-14 Ross-ONT)

ZAMBIA

4911 0335 R. Zambia: VN; fisheagle IS to 0349, NA, s/on anmts my M in VN, local drum mx. Bad QRN. poor-fair(10-6 Ross-ONT). RTTY QRN..222(10-10 VanHorn-FL)

ZIMBABWE

3395.7 0402 ZBC/Radio One: EE; ID as R. One, into EE nx by W; EE pop ms, tc as 18½ mins after 6. New country #137. 333(10-4 Ross-ONT)

CLANDESTINE

4975 0331 A Voz Resistencia do Galo Negro: PP; IS & rooster crowing; M ID, into march, freq amnt, fanfare, into PP nxcast. 444(10-23 Ross-ONT)
5015 0458 R. Truth (t): EE; presumed mx and talks part 0501, no pause. weak(8-20 Moman-AB)
9035 1812 Iran's Flag of Freedom Radio: Farsi; long military fanfare, M strident tlk, 2nd man tlking.//77080. fr-good(10-31 Famularo-JPN)
9045 0421 Iran's FOFR: Farsi; M yelling, vcl mx, marches, drums; het jammer. 333(10-10 Ross-ONT)
9430 1857 VO Ethiopian Unity: Amharic; W talks, flute/string mx, 2 M tlk. //11180. SIO 444(10-3 Ross-ONT) Also on 10-25 by Ross-ONT, same time.
11490 0208 VO Unity: Dari?; W/M tlk, lcl string mx, group vocals, flute mx @0244, only carrier 0225-0231, IS 0231-0233, more pgms 0233, off @0235*. 333(10-14 Ross-ONT)
12230 1540 VO Unity: Pushto? dramatic classical mx, W/M tlks abt Afghanistan & Pakistan. Thanks to tip via DX Spread. //15675. fair(10-26 Famularo-JPN)
[Whaddya mean, you never heard of DX SPREAD? It's SW fanatic BRUCE MacGIBBON's labor of love and obsession...an info-packed monthly slice of hot DX nooz, and it's yours for an embarrassingly low \$5/yr from Bruce at 2295 N.E. Juniper Ave., Gresham, OR 97030. Subscribe now before Bruce comes to his senses! -ed.]

OUT OF ORDER/LAST MINUTE (all from ed.)

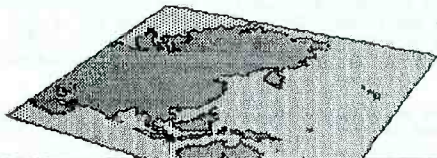
6150 1903 VO Kenya: Swahili; nx magazine pgm, good until VOA Czech Sce. *2000. 343(11-1)
7200 0259 R. Mogadishu: Somali; brass band slow march NA, clr ID by M, nx headlines, Qur'an to 0306 then full nx. Catch ID :30 before VOA spoils the party @ 0300. 322(11-26)
7275 0233 FEBA Seychelles: Telugu; Subcont mx, W ID/address @0227, another ID, then M ID in EE, 1xIS, off @0230*. Tnx Bill Westenhaver tip. 242(11-26)



JONATHAN "SHERLOCK" MARKS SOLVES ANOTHER ONE.....
(transcribed from R. Netherland MEDIA NETWORK 11-26)
"Let's conclude our mystery that's been running 3 weeks now on this program. Two strong signals from R. Beijing relayed to N & S America, Africa & E. Europe popped up at the start of this month. But - relayed by who?
The BBCMS did some further research last Friday and drew lines from various listening posts. They all intersected in Mali, West Africa. Could it be? Well, Mali had a short-lived External Sce back in the '70s, but it seems lack of finance led to its suspension. We contacted the Asst Dir of RDTV Malienne, Mr. Abdoulaye Sidibe, at his office in Bamako. Here is a summary of what he tells us: 'Yes, RB is being relayed by 2 SW xmtrs in Mali. They're not new xmtrs, though. Our colleagues from China have renovated our old SW xmtrs at the site just outside Bamako, adding satellite receiving facilities and now are hiring the facility. At present, our station has no plans to use the SW xmtrs again for external b/c'ing.'...So now we know."
Yes we do Jonathan, thanks to some fine detective work. Beijing uses 9770 & 11715 from 0000-0500 (00 EE; 01 Cantonese; 02 Chinese; 03 EE; 04 Chinese), 11790 in SS @2300, and probably a few others yet undiscovered. Loggings for this one go right here, folks.

ODDZENDS: EQUATORIAL GUINEA: The slapdash "International Sce." is now hrd Mon-Sat 17-22 on 9552.5v. (Behr-ONT/Hauser/SWLD)...GABON: per ad in "African Concord" magazine of 11-5, ANO sked: 05-06(4830), 06-17(7200), 17-23(4830), 07-08(11940), 08-17(15200), and 17-21(15475). Last freq known to go later (to 2300v). AWR now in EE to Waf on Sunday 12-13 on 17880 (AWR Africa via Robert Chear/SCDX)...LESOTHO: sked for BBC relay: 3255 04-0545 and 1515-2030; 6190 0545-0815, 09-1515, weekends 0545-1515. (Ginbey/RNMN)...MOZAMBIQUE: noted in EE @1800 on 4855.(Ginbey/RNMN)...bet it's still //9619.9 at same time...SENEGAL: hrd with distorted audio on 8932 (!) kHz. (Ginbey/RNMN)..I love Richard's info, but his frequent omission of times can be rather annoying.-ed....SWAZILAND: here are some selections from D87 TWR sked: 03-0315 Ndebele(3200); 0430-05 AK(5955); 0430-05 EE(3200, 7210); 05-0530 EE(5055, 7210); 1430-15 EE(9525); 15-1515 Malagasy(11740); 1515-1545 FF(9540); 1535-1550 Somali(11740); 16-17 & 18-1845 EE(9525); 19-1945 FF(9550).(Bowden/DXSpread).....
WESTERN SAHARA: B/C's supportive of this almost-country emanate from Algiers daily @2200 on 6150/9640/15215. (Hambly-AUS/DXSpread)....CLANDESTINE: Iran's Flag of Freedom Radio sked 1630-1830 on 7080 & 9035 (Goonetilleke/RNMN). Nat'l Unity Radio from Omdurman in AA @1300 on 9560, 1330 on 9555.(BBCMS/Hauser/SWLD). SPECIAL NOTE: Some of you may recall that SPEEDXer Neil Wolfish-ONT logged Mauritius/4855 @2100 last New Year's Eve when they stayed on late. Per suggestion by Steve George-MA, I've written a note to stn's director respectfully requesting a repeat performance. No reply as yet, so listen in and good luck! ETC.: Due to space limitations & computer problems here, 41m Afro list will hopefully appear next month. Until then, thank to all for a great year. Hope your holidays are happy & safe, and that '88 is a good year for everyone - DX- and otherwise!





ASIA/OCEANIA

Bob Thunberg
409 Burt Street
DuBois, PA 15801

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

Each December I use this space to thank each and every SPEEDX member who has contributed to A/O and to issue a special salute to those who have sent in loggings for all 12 columns. This year, seven of you have earned this special recognition:

EDWARD BROWN-IL PETER DILLON-GREECE BOB FRASER-MA WILLIAM MILLER-CA
 SENSU SHIMADA-JAPAN WILLIAM WESTENHAVER-QUE BOB ZIRKELBACH-CA

BANGLADESH

Radio Bangladesh

- 4890t 1422 RB: ?? : AA chants, poss. nx @ 1430; 1454 f/out (fair 8/10 Moman-ALB) many of Don's loggings are somewhat old, but may have been late due to the Canadian postal strike, so I will include some of them...ed.
- 15525 1228 RB: EE: mx, ID @ 1230 into nx, press review; sked & 1300* (353 10/29 Kline-Finland) Apparently James must have been on a European tour, as his logs are from a number of European countries...ed.

BURMA

- 6570 1102 Burmese Army Stn: BURMESE: percussion mx; YL tkl; soft mx to 1130 f/out; signal peaked @ 1116 (322 10/4 Ross-ONT) Robert made this as well as many other loggings during the ODXA DX-pedition at Longford Mills Ont...ed.

CHINA, PEOPLE'S REPUBLIC

Central People's Broadcast Stn

Radio Beijing

- 3280nf 1615 Xinjiang PBS: CC: new regional stn hrd w/quick "(2-syllable word) + Xinjiang" IDs-not usual "Xinjiang Renmin Guangbo diantai"; pgm all mx & songs w/TP on the hr, no nx; //3990 & s/off time varies, afterwhich the freq is vacant (fair various dates Famularo-JP) pop vcls & trad. CC orch mx hrd @ 1325; no IDs (232 10/27 Thompson-CA)
- 3535 1319 V. of the Strait-Fuzhou: CC: end of "Amazing Grace", CC instl mx, YL tkl (343 10/27 Thompson-CA)
- 4760 2310 Yunnan PBS: CC: YL/OM tkl; Ute QRM (222 10/3 Ross-ONT)
- 4840p 1205 Heilongjiang PBS: CC: opera & tkl (333 11/3 Hughes-FL)
- *1155 V. of Jinling: CC: s/on; instl mx; OM/YL tkl (222 11/8 Ross-ONT)
- 4883a 1332 RB: RR: trad CC mx; "Govorit Beijing" @ 1339 (343 10/31 Thompson-CA)
- 4905 2245 CPBS-1: CC: OM/YL tkl; 2300* (222 11/4 Ross-ONT) laro-JP)
- 5440 1328 Xinjiang PBS: KAZAKH: lcl instl & vcl mx; deep-voiced OM (pr-fr 10/20 Famularo-JP)
- 5770p 1110 VO Strait-Fuzhou: CC?: lively tkl-poss. drama; vy wk (322 10/25 Van Horn-FL)
- 5880 1515 CPBS-1: CC: trad CC vcls, OM tkl; //5860 (433 10/29 Zirkelbach-CA)
- 6095 1113 CPBS-2: CC: CC/Asian mx w/YL ancr; hvy QRM (222 10/25 Van Horn-FL)
- 6590 1255 RB: MALAY: tkl, ID, CC mx; 1325* into INDO @ 1330 (fr-gd 10/30 Famularo-JP)
- 6930 1105 RB: SS: cmty on Schultz's Moscow visit; //9860 (332 10/24 Prath-FL)
- 7700 1645 RB: RR: class mx; IS @ 1655, ID @ 1700 (333 10/3 Dillon-Greece)
- 7820 1703 RB: RR: nx of Afghanistan; "Govorit Peking" ID (433 10/3 Dillon-Greece)
- 7935 1720 CPBS-1: CC: western-style EZL mx; NA & 1730* (343 10/3 Dillon-Greece)
- 9290 1741 RB: RR: choral mx; IS @ 1755; strong het after 1750 (333 10/5 Dillon)
- 9440 1715 RB: AA: tkl abt Mid East; ID & IS @ 1725 (222 10/8 Dillon-Greece)
- 2043 EE: tkl on traveler checks; audible w/narrow filter (411 10/18 Kline-Czech.)
- 9635 1307 RB: EE: nx, report on mtg of Central Comm. of Chinese Communist Party; this freq for WCNA? (242 10/25 Westenhaber-PQ)
- 9645 1200 RB: EE: "Cooking Show" & "Mx from China"; //9665 (11/7 Hickman-MD)
- 9860 1148 RB: SS: quotes from Premier Zhao's intvw w/US journalist; ID, sked for morning bcsts, 1155* (343 10/6 Westenhaber-PQ)
- 11500 2131 RB: EE: children's chorus, "Letterbox" (333 10/18 Levison-PA)
- 11650 0053 RB: SS: sked info, ID & 0055*; back in SS @ 0100 (343 10/24 Prath-FL)
- 2311 FP: cmty, CC mx, ID (433 Trescher-PA)
- 11715 0300 RB: EE: nx of Party Conference, "China Anthology"; into CC @ 0400 (444 11/9 Hickman-MD) rumour has it that this freq is relayed from Africa #1 in Gabon as-well-as 9770 @ 0000-0300; characteristic polar flutter is missing from these xmsns...ed.

Traver Smith-CA recently returned from a trip to the P. R. of China, and while there, picked up a copy of BEIJING REVIEW. Included in this Sept 87 issue is a very interesting article on R. Beijing, commemorating their 40th anniversary. The article tells how the station has provided a great service to the country by enhancing its audience understanding of China and the Chinese people and by publicizing China's viewpoints on important international issues. Thanks Traver!...ed.

R. Beijing and Swiss Radio International have, since 11/1/87, begun relaying their respective pgms via each other's xmtrs. SRI can now be hrd via R. Beijing @ 1315-1500 on 11695 & 15135 kHz. [SCDX]

CYPRUS

British Beast Corp

6180 0600 BBC: EE: world nx, correspondents reports (343 10/4 Dillon-Greece)
 9580 0520 BBC: EE: "24 Hours"; Scottish mx (333 10/17 Dillon-Greece)
 15420 1400 BBC: EE: "Outlook"; faint R. Moscow co-channel (333 10/30 Westenhaver-PQ)

HONG KONG

British Beast Corp

7180 0859 BBC: EE: theme mx, TPs, ID into wld nx; hvy QRM (222 11/6 Van Horn-FL)
 0930 EE: stock market report; id, "Storyteller" @ 0945; closing amnts, TPs & into CC @ 1000; significant signal strength increase noted @ 0945-possible gray-line enhancement as HK sunset approx. @ 1009 (2-343 10/13 Hardester-PA)
 11820nf 2352 BBC: EE/CC: pop mx, sked & ID into wld nx @ 0000; CC @ 0030 w/EE lesson 322 11/1 Evans-TN) ex-7160...ed.
 15435 2256 BBC: EE: "Sports Roundup"; ID & nx @ 2300; 2320 f/out; no sign of WYFR on 15440 (333 11/4 Westenhaver-PQ)

INDIA

All India Radio

3295p 1611 AIR Delhi: URDU: listed w/trad Indian mx; M w/partial ID & tkl; splatler de Fuzhou On 3300 (pr-fr 10/26 Famularo-JP)
 3905 1810 AIR Delhi: HINDI: intvw w/OM/YL; wld nx; 1830* (343 10/3 Dillon-Greece)
 4800 1720 AIR Hyderabad: EE: tkl on democracy & Indian form of govt; Indian mx, ID @ 1730 (232 10/12 Dillon-Greece)
 4840 1434 AIR Bombay: EE: nx; //s noted 7412, 7160, 3905 (fair Moman-ALB)
 4860 1725 AIR Delhi: EE: Indian folk mx, TPs, ID, nx @ 1730 (433 10/13 Dillon-Greece)
 4990p 0001 AIR Delhi: TAMIL?: Indian vcl mx hrd under Radio RSA; //3905 (222 10/4 Ross-ONT)
 11620 2026 AIR: EE: tkl abt women in India, mx (243 10/9 Hesch-NY)

INDONESIA

Radio Republik Indonesia

3215 1150 RRI Manado: IN: pop mx; nx format @ 1200 (322 10/9 Van Horn-FL)
 3264.8 2240 RRI ?: IN: OM/YL tkl to 2249 f/out, no ID hrd; 3 Indos listed here (222 10/30 Ross-ONT) RDI lists Bengkulu on 3264.8 & Gorontalo on 3265...ed.
 3345p 1137 RRI Ternate: IN?: AA mx & poss. recitation (certainly not a PNG!) (322 10/8 Van Horn-FL)
 4753 2202 RRI Ujung Pandang: IN: OM tkl; Indo instl mx; QRN (222 10/3 Ross-ONT)
 11770 1300 RRI Jakarta: IN: "SCI", nx, Indo pop vcls (fair 10/26 Shimada-JP)
 1544 IN: YL w/requests of lagu lagu popular, ID, "SCI", nx (322 10/25 Sharpe-CA)

IRAN

Voice of the Islamic Republic of Iran

9022 1735 VOIRI: GG: cmtly on Lebanon, tkl abt Islam; ID @ 1800 (333 10/3 Dillon-Greece)
 1944 EE: nx, "selected cmtly of the week" on Sudan; 2030* (543 10/14 Kline-Austria)
 11790 1135 VOIRI: EE: nx, "Sikhs & Religion", nx; into AA? @ 1215 (433 Kline-Austria)
 15084 1700 VOIRI: AA: nx by YL, AA mx (353 10/17 Radtke-CA)

IRAQ

Radio Baghdad

6025 2001 V. of Masses: AA: Baghdad's belly-dancer style nx fanfare, nx, "saut al-jamaheer" ID @ 2003; unid co-channel QRM (232 11/1 Westenhaver-PQ)
 9555 1711 VOM: AA: AA mx, poem, drama; intvw w/Palestinian living in Iraq, ID (444 10/16 Dillon-Greece)
 9875 2028 RB: EE: nx, cmtly on Iran; Press review @ 2100 (553 10/16 Kline-Austria)
 2251 EE: mx, IDs; xmsn to Europe w/2255* (454 10/8 Hesch-NY)
 11705 0115 RB: EE: AA mx, cmtly on Iranian attack on Kuwaiti oil platform; "Postbag" (444 10/24 Prath-FL) Babylon festival (433 10/16 Johnson-CA) tkl on Iraqi revolution (222 10/12 Brown-IL) tkl on UN resolution 598 (544 10/23 Kline-Netherlands) (433 10/20 Gerstner-NY) (333 10/21 Levison-PA)

Again, not much to report from Israel as Israeli radio & TV journalists are apparently still on strike, as of press time. All I hear on their freqs is open carrier...ed.

ISRAELKol Israel

9435 0020 KI: EE: "Calling All Listeners" incl letter from Ed Janusz; //7462-off nom.
7465 (343 10/5 Westenhaver-PQ) Gulf War cmty (444 10/1 Langlois-FL)
9855 0145 KI: RR: mx, ID, IS (433 10/3 Trescher-PA)

JAPANFar East Network Radio Japan Nihon SW Bcast

3910 1308 FEN: EE: nx, PSA for education thru military (232 10/28 Thompson-CA)
5990 1140 RJ: EE: tlk abt "arranged marriages" (433 10/31 Prath-FL)
11800 2305 RJ: EE: nx (444 10/17 Estes-SC)
15280 2345 RJ: EE: cmty on oil & trade balance (333 10/5 Langlois-FL)
15300 2300 RJ: EE: caring for the elderly (353 10/19 Radtke-CA) "One in a Hundred Mil-
lion"; 0000* (343 10/22 Gerstner-NY) cmty on AIDS (343 Levison-PA)
17810 0300 RJ: EE: nx of people trapped in blizzard; //11870 (433 10/28 Zirkelbach-CA)
21550 0705 RJ: EE: nx, "Current Affairs", "Hullo from Tokyo" (fr 10-25 Shimada-JP)

R. Canada Int'l plans to begin relays via R. Japan xmtrs on 4 April 1988. [SWLD]

KOREA, DEM. PEOPLE'S REP.Radio Pyongyang

3350 1301 KCBS Pyongsong: KK: OM/YL tlk-likely nx pgm (242 10/28 Thompson-CA)
6576.1 1106 RP: EE: unbiased, spellbinding (!) wld "news" (353 10/11 Hardester-PA)
1246 presumed w/martial mx; fading badly to 1250* (111 10/27 Bundy-NY) (Ross-ONT)
9220 1712 RP: AA: tlk of N. Korean political system, ID, class & oriental mx (433
10/5 Dillon-Greece)
9325 1710 RP: EE: cmty, anti-US tlk; CW "X" QRM (333 10/6 Dillon-Greece)
9345 1710 RP: KK: ment of "Pyongyang"; KK mx (343 10/7 Dillon-Greece)
9977 1200 RP: EE: sked info, nx & cmty (333 10/31 Prath-FL)
15140 0015 RP: EE: martial mx, Festival preparation (444 10/14 Valentine-CA) (433
10/14 Johnson-CA) choral mx, 0046*: //15160 (333 10/19 Westenhaver-PQ)

KOREA, REPUBLIC OFRadio Korea

7550 1801 RK: AA: ID "Min Korea"; Korean & wld nx (232 10/2 Dillon-Greece)
9570 1445 RK: EE: "Learn Korean", "Inside Korea" (444 10/29 Zirkelbach-CA)
9870 1600 RK: EE: sked, nx & cmty (333 11/2 Miller-CA)
15575 2230 RK: EE: tlk w/Russians abt not boycotting Olympics (333 10/10 Hickman-MD)
cmty on N.Korea co-hosting games (333 10/14 Johnson-CA) (11/3 Miller-CA)

KUWAITRadio Kuwait

11665 1800 RK: EE: NA, pop mx from Italy, Spain & US; 1cl TCs (553 10/27 Kline-Switzer-
land) pop mx, wld nx (444 10/9 Ross-ONT)
15505 1700 RK: AA: 6 TPs, ID & nx; // weaker 15495 (good 9/9 Moman-ALB)
17850t 0355 RK: AA: mx, W tlk @ 0400 hrd under Moscow; RK sked here from 0400 (pr-unuse-
able 10/18 Famularo-JP)

LEBANONVoice of Lebanon

6280 0423 King of Hope: AA/EE: AA vcl mx; YL tlk in EE/AA; 0442 f/out (222 10/18
Ross-ONT) not reported in a long while...ed.
6549.7 0150 VOL: AA: piano mx; nx format @ 0215 w/YL (322 11/2 Van Horn-FL)

MALAYSIA, EASTERNRadio Malaysia

4950 1120 RM Sarawak: EE: sermon w/all the warmth of a mortician; dreadful tenor
hymn; ID, TC @ 1130 into 1cl nx (332 11/1 Thompson-CA)
1535 EE: EZL mx pgm, ID (333 10/17 Zirkelbach-CA) (Fair 8/10 Moman-ALB)

MALAYSIA, PENINSULAR

5965t 1205 RM Kuala Lumpur: MALAY?: OM/YL tlk-prob. nx; no QRM but very weak; hrd for
several days (211 10/9 Van Horn-FL)

NEPALRadio Nepal

5005 1435 RN: EE: EE lang lesson, Nepali mx; ID & ads @ 1502; hrd over Malaysia but
QRM'd by Irkutsk time stn on 5004 (fair 10/28 Famularo-JP) tent. @ 1214 in
NEPALI? w/OM tlk, mx; vy weak w/QSB (222 10/4 Ross-ONT)

OMANRadio Oman

15385 1325 RO: AA: AA vcl & instl mx; Qur'an; abrupt 1354* (333 10/3 Ross-ONT)

PAKISTANRadio Pakistan

4790t 1732 Azad Kashmir Radio: URDU: 2 OM tlk; ME-style vcls; possible ID @ 1800 "Pak-
istan-Da"; nx w/ments of Pakistan (232 10/8 Dillon-Greece)

PAKISTAN cont.

11615 1601 RP: EE: nx, cmt; Pakistani instl mx, GOS ID, lcl & UTC TCs (252 10/24 D'Angelo-PA)
 15605 1617 RP: EE: weak signal; //slightly better 11615, 11625 (wk 8/20 Moman-ALB)
 17640 1220 RP: AA: AA & subcont. vcls; OM w/ID (fair 10/27 Shimada-JP)
 17660 1113 RP: EE: slow speed EE nx; 1120 ID & s/off (533 10/7 Kline-FRG)

PHILIPPINESVoice of America Far East Broadcast Co Radio Veritas Asia

6110 *1100 VOA: EE: nx of "Sec. of Defense George Schultz"-hi! (232 10/2 Westenhaver) hope Caspar wasn't listening...ed.
 6120 1545 FEB: RR: RR mx, IDs (334 11/2 Miller-CA)
 6185 1502 VOA: CC: wld nx, VOA pgm mx; QRM de 6180 (fair 10/8 Famularo-JP)
 7190 1200 RVA: JJ: bells, IS, ID; YL tik (333 10/4 Ross-ONT)
 9770 1405 RVA: EE: childrens pgm w/mx (545 10/30 Miller-CA)
 9800 1100 FEB: CC: YL/OM w/happy tik, mx (333 10/26 Zirkelbach-CA) JP)
 15255 *0000 RVA: SINHALA: EE IDs; pgm for Sri Lanka; TAMIL @ 0030 (fr-gd 10/23 Famularo-
 15290 2321 VOA: EE: "Morning Newslines"; //17740 (242 10/22 Westenhaver-PQ)
 15395 2340 VOA: CC: CC report w/EE quotes abt smuggling rare birds & animals from Ecuador to Miami; polar flutter (333 10/4 Westenhaver-PQ)
 15430 2330 FEB: EE: nx of coup in Burkina Faso (353 10/15 Radtke-CA)

QATARQatar Broadcast Service

15265.6 1448 QBS: AA: OM/YL tik, mx; TPs @ 1530 into nx (333 Ross-ONT)

SINGAPORESingapore Broadcast Corp British Broadcast Corp

5010 1515 SBC: EE: good EZL mx; 1524 f/out, //11940 (333 10/29 Zirkelbach-CA)
 5052 1415 SBC: EE: pop mx; // weaker 5010, 11940 not hrd (poor 8/10 Moman-ALB)
 9740 1313 BBC: EE: "24 Hours"; almost as good as //9510-Sackville today! (333 10/25 Westenhaver-PQ)
 11955 2308 BBC: EE: nx, cmt, "Write On"; some flutter (343 11/4 Westenhaver-PQ)

SRI LANKASri Lanka Broadcast Corp

9720 1231 SLBC: EE: ID, rock mx pgm; 5 TPs @ 1545 into "Miracles" relig pgm; nx @ 1300 (333 10/25 Ross-ONT)
 11800t 1310 SLBC: TAMIL?: instl mx, YL tik; 1329* (242 10/24 Thompson-CA)
 11835 1110 SLBC: EE: Bing Crosby mx (323 10/13 Hickman-MD)
 15425 1650 SLBC: EE: pop mx; TC, ID, nx @ 1700; 1t mx @ 1715; sked & 1730*; some WRNO splatter (222 11/7 Atkins-GA)

SYRIARadio Damascus

9950 2314 RD: SS: "Aqui Damasco" ID & greeting to LAm listeners, freq sked into "Lo que dice la prensa local" (343 10/5 Westenhaver-PQ)
 11625 2115 RD: EE: nx, mx, press review (343 10/18 Prath-FL)
 12085 ???? RD: EE: report on new hotel in Syria (433 10/13 Johnson-CA)

TAIWANVoice of Free China

7445 1615 V. of Asia: EE: tik abt mx, CC children singing (322 10/29 Zirkelbach-CA)
 9955 2232 VOFC: EE/SS: oriental mx pgm; SS @ 2300 w/ID (333 10/30 Ross-ONT)

TURKEYVoice of Turkey

7215 2134 VOT: EE: Turkish mx pgm; sked & 2151* (453 10/24 Kline-Netherlands)
 9445nf *2258 VOT: EE: IS, IDs; ex-9560 to Nam @ 2300 & 0400; they tried 9450 for a while before settling on this freq; //7160 to ME & 7135 to Europe (444 10/17 Westenhaver-PQ) Turk mx, 2350* (344 10/29 Bundy-NY)
 0414 EE: tik of Bulgarian death camps; "Last Week in Turkey" (453 10/20 Kline-West Berlin) Turk mx, sked & 0450* (222 10/28 Bundy-NY)

UNITED ARAB EMIRATESRadio Dubai

9595 1655 V. of UAE-Abu Dhabi: AA: AA mx & drama; ID, call to prayer (433 10/19 Dillon)
 9630 1729 V. of UAE: AA: Qur'an; ID, sked, TC, nx, mx (433 10/20 Dillon-Greece)
 15320 1615 RD: AA: nx, OM w/ID (333 10/6 Langlois-FL)
 17865 1405 RD: EE: tik on Islam and women's rights (333 10/26 Brown-IL)
 21605 1331 RD: EE: Arab & wld nx; "Women & Islam" (544 10/8 Kline-FRG)

VIETNAMVoice of Vietnam

6736 1239 Hoang Lien Son: VV: chant-like singing; Da La Dai Phat Than Hoang Lien Son" ID @ 1245, tlks (pr-fr 10/30 Famularo-JP)

VIETNAM cont.

9840 *1400 VOV: JJ: nx abt Commicon, Cambodia; strongest ever hrd (gd exc 10/15 Famularo-Japan)
 1540 EE: treatment of mental disorders, VV mx (433 10/14 Zirkelbach-CA)
 1825 EE: mx, YL w/s/off; also hrd @ 2049 & @ 2100 in FF (444 10/31 Kline-England)
 10010 1600 VOV: CC/EE: nx in CC; 1615 ID into EE nx, cmtly (222 10/20 Sharpe-CA)

YEMEN ARAB REPUBLIC/

4852.9 *0300 Radio San'a: AA: NA, ID, freqs; Qur'an, AA mx (222 10/28 Ross-ONT)
 9779.3 0314 Radio San'a: AA: OM vcl, OM/YL tkl, lcl flute mx (222 10/6 Ross-ONT)

YEMEN, PEOPLE'S DEM. REP./ Democratic Yemen Bcast Service

7190 *0300 DYBS: AA: NAID "Al-Yaman...min Aden"; AA mx, nx (444 10/7 Ross-ONT)
 0354 AA: pgm of lt AA mx; 6 TPs & ID @ 0400 then covered by RFE in Hungarian (433 10/9 Westenhaver-PQ)

CLANDESTINE/

4300 1740 Unid: FARSI: OM/YL w/ments of "Islam, Pakistan, Iran"; martial-type choral mx, class mx interludes by Ravel; 1809* (322 10/4 Dillon-Greece)
 4535 1730 Unid: FARSI: similar to 4300 w/ments of "Islam, Iran, Afghanistan, Communist" class mx (333 10/6 Dillon-Greece)
 4700 0253 Unid: ME Dialect: OM tkl, string/percussion mx; 0324* (333 10/14 Ross-ONT)

OCEANIAAUSTRALIA/Radio Australia

2310 1115 VL8A Alice Springs: EE: rock, folk, C&W mx w/OM DJ; QSB & QRN, 1141 f/out; //2325-Tennant Creek & 2485-Katherine (222 10/4 Ross-ONT) prob. @ 1114 w/ M ancr w/pop mx & tkl (252 10/11 Hardester-PA)
 2485 1136 VL8K Katherine: EE: tkl on jobs; great signal on 2000' west beverage ant; not // 2310, 2325 (fair 8/10 Moman-ALB)
 4920 1000 VL4 Brisbane: EE: "ABC Radio, 8 o'clock" (111 10/23 Bundy-NY) nx, mx (242 10/27 Hughes-FL) tkl on educating poor (433 Trescher-PA)
 5995 1100 RA: EE: sports nx, "Botany Bay Diary" (545 10/15 Robinson-TN)
 1300 EE: wild nx, Top Ten records from US & England (333 10/25 Gerstner-NY)
 7205 1704 RA: EE: nx of Irani missile attack (422 10/30 Kline-Finland)
 9580 1245 RA: EE: "Monitor" on hi-tech in French Polynesia (554 10/13 Fraser-MA) "Int'l Report" (544 10/18 Gerstner-NY) pop mx, cmtly on world peace (433 10/22 Van Horn-FL) oldie mx pgm (444 10/29 Zirkelbach-CA) (555 10/18 Robinson-TN)
 9645 1337 RA: IN: YL w/pgm of lt mx; TP, ID, nx @ 1400 (242 10/8 Westenhaver-PQ)
 9770 1000 RA: EE: human rights problem in Fiji (545 10/19 Robinson-TN)
 11910 0405 RA: EE: "International Report" (444 10/27 Hughes-FL)
 15320 0215 RA: EE: nx of happenings in Canberra (444 11/3 Valentine-CA)
 15380 2348 RA: THAI: OM tkl; RA fanfare, nx brief; covered by VOA IS @ 2357 on 15375 (333 10/4 Westenhaver-PQ)
 17790 0101 RA: EE: nx, "Window on Australia", pop mx (232 10/21 Gerstner-NY)

R. Australia's TALKBACK DX pgm has been cut to 14 min. and rescheduled to Sundays at 13 min. past 0300, 0700, 0900, 1230, 1730, 2030. [SWLD]

A series of commemorative QSLs will be issued during Australia's Bicentennial Year. They will be released progressively at the rate of one every three months starting 1 Jan 1988. Send your detailed reception reports promptly as we expect a strong demand and will issue cards only while stocks last. You can stay in touch w/R. Australia's Bicentennial pgms & bcasts by registering now for the Bicentennial issues published. [Keith Synnott, RA Publicity Officer, DX SPREAD]

COOK ISLANDS/Radio Cook Islands

11760 0456 RCI: EE/MAORI: island mx w/YL ancr; poss. nx in Maori (344 10/30 Miller-CA)

KIRIBATI/

14802 1922 R. Kiribati: EE/VERN: US pops, YL w/several ments of Kiribis; 2000* (good 9/22 Moman-ALB) tent @ 2227 in Unid lang w/piano mx, YL tkl; clobbered by RPTY @ 2230 (222 10/7 Ross-ONT)

MARSHALL ISLANDS/

4940 0545 WSZO: MARSHALLESE: YL tkl, island mx; hvy QRN, QRM (10/18 Zirkelbach-CA)
 0935 island mx on guitar, YLw/IDs (444 10/22 Miller-CA) island chants; //1098 MW (good 9/2 Moman-ALB)

WSZO has extended its use of 6070 kHz and has a later s/off around 0800. They then move to 4940 to 1000*. [Arthur Cushen's SW Review, NZ DX TIMES, Sept. 87]

NEW CALEDONIA

3355 1145 RFO Noumea: FF: Rolling Stones concert; //7170 (322 10/4 Ross-ONT)
3355.1 1502 FF: Euro-pop mx hrd till 1525 f/out; presume Noumea since they are reported
to be 24 hr now (good Moman-ALB)
7170.4p 0638 RFO Noumea: FF: Big Band & western pop mx (242 10/11 Hardester-PA)

NEW ZEALAND

Radio New Zealand

11780 0715 RNZ: EE: requested mx from the 19-teens!, 1cl TCs; splatter de 11775 (fair
10/17 Famularo-JP) (fair 9/1 Moman-ALB)
15150 0350 RNZ: EE: EZL mx pgm (433 10/21 Johnson-CA)
17705 0236 RNZ: EE: EZL & pop mx; "National Radio" IDs, TC, TPs @ 0300, drama (343
10/17 Sampson-WI) early Stevie Wonder mx (433 10/22 Zirkelbach-CA)
0612 EE: relg tlk, class mx; 1cl TC @ 0630 (pr-fr 10/25 Famularo-JP)

PAPUA NEW GUINEA

3345 1158 R. Northern: PD: OM mentions "Popondetta", ID; instl mx into nx @ 1200
(211 11/6 Van Horn-FL)
3905 1142 R. New Ireland: PD: YL w/1cl nx & anmts; tlk abt PNG, pop mx (434 10/27
Van Horn-FL)
4890 1324 NBC Port Moresby: MELANESIAN/EE: YL w/rock, country & island mx, IDs; hvy
QRN (342 10/28 Thompson-CA)

SOCIETY ISLANDS

11825.8 0321 R. Tahiti: FF: EZL island mx; //15170.8 (exc 8/10 Moman-ALB)

SOLOMON ISLANDS

Solomon Islands Broadcast Corp

9545 0549 SIBC: EE: dedications & mx; signal better @ 0720 recheck; // 5020 (fair
8/26 Moman-ALB)

TONGA

The religious organization, Radio Rhema Inc. has obtained permission from the Kingdom of
Tonga to operate a radio station on FM & SW. They are awaiting frequency assignments from
the ITU. [DIAL, published by La Asociacion DX Aragonesa, Espana and included in QSN-GRAMA,
the publication of the DX Club del Uruguay] this info supplied by Carl Huffaker; it was
entirely in Spanish, so I hope that I have translated it correctly...ed.

VANUATU

7260p 0700 Radio Vanuatu: VERN: Pacific nx w/ments of Papua New Guinea, Solomon Is-
lands & "Copa Report"; hrd after BBC 0659*, no clr ID (111 11/6 Bundy-NY)
+++++

Mike Hardester-PA kindly forwarded a copy of the Aug-Sept UADX bulletin, a publication of
the Union of Asian DXers, Sri Lanka. The following DX info is from this excellent pub:

AFGHANISTAN: EE lang sked of R. Afghanistan: 0900-1030 on 4450, 6085, 15255, 17655; 1900-
1930 on 9665, 11755; all from xmtrs in USSR. Xmtrs inside Afghanistan use these freqs:
4775, 6085, 7200, 6105 & 6125.

BURMA: Maymyo Defence Forces Broadcasting Unit (Burmese Army Stn to us...ed.) on 6570 @
1030-1330; IDs as "Maymyo tatmadaw athan hlwint a phwo". [Sarath Weerakoon]

SRI LANKA: latest TWR SW sked: 1230-1330 on 11920 kHz; 1030-1530 on 11820 w/EE @1220-1330.
35 kW xmtr is used and not the 100 kW on 11800 as indicated in some DX bulletins.



I trust that all of you have been good boys & girls this
year, and can expect a shiny new receiver to be under
your Christmas tree. Do let me know if you did get that
new radio or other SW related item.

One final reminder: please send all USSR loggings to
Jason Berri; many were sent to me this month and I
forwarded as many as I could.

73s & wishing you the Happiest of Holiday seasons
and a safe and fruitful 1988!

Bob



SPEEDX QSL REPORT

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

Greetings everyone!! WOW...I actually gave in and bought a new ribbon;
(let's just hope that this one doesn't give out like the last one I got!).

AFRICA

/ANGOLA/ R. Nacional: 9535 & 11955 2 f/d cds. in 44 ds. via registered mail for \$2. V/S Emanuel Louro. (Evans-TN).

/ASCENSION ISLAND/ VoA Relay: 15285 f/d cd. in 14 ds. after f-up for ms. (Russell-AL).

/CANARY ISLANDS/ REE Relay: 15365 f/d Church cd. w/ stickers & info. in ?? ds. for a SS rpt. & \$1. V/S Carmen Baez. (Pogue-TN).

/GABON/ Africa #1: 4830 p/d Logo cd. in 1 yr. for a FF rpt. & 2 ircs. (Fisher-MA). 9645 n/d cd. in 247 ds. for \$1. (Zirkelbach-CA). 15200 p/d cd. in 314 ds. for ms. (Russell-AL). 15475 p/d cd. in ?? ds. for a FF rpt. & 2 ircs. (Wright-MB).

/LIBERIA/ VoA Relay: 7265 f/d White House cd. in 5 ds. (Gurley-TX).

/SOUTH AFRICA/ Radio RSA: 9615 f/d Roodepoort cd. in 16 ds. (Johnson-CA). 11730 f/d Protea cd. in 32 ds. (Wright-MB). Capital Radio: 3929 p/d ltr. w/ sked. in 178 ds. for ms. V/S J.R. Wheeler. (George-MA)...Steve sent South African stamps, and the verie came back with Transkei stamps... 3930 p/d form ltr. in 21 mo. (Weber-OH). Radio 5: 4880 f/d cd. in 24 ds. V/S Minnie Visser. (Weber-OH).

/SOUTH-WEST AFRICA/ Radio SWA: 3295 f/d Park cd. w/ sticker in 165 ds. for \$1. (Pogue-TN). f/d Desert cd. in 200 ds. (Russell-AL).

ASIA

/BANGLADESH/ R. Bangladesh: 15525 p/d personal ltr. w/ cd. in 21 ds. for 3 ircs. (Hill-MA). f/d Sunset cd. in 46 ds. after f-up for 2 ircs. V/S K.Q.K.M. Abdul Malek. (Gerstner-NY). n/d Mosque cd. in 2 mo. for 2 ircs. (Havrilko-UK).

/CHINA/ R. Beijing: 11600 f/d Temple cd. in 44 ds. for 2 ircs. (Havrilko-UK). 11855 f/d Peihei Park cd. w/ goodies in 18 ds. (Soomre-MA).

/IRAQ/ R. Baghdad: 11705 f/d folder cd. w/ sked. in 104 ds. after f-up for \$1. (Coday-CA).

/ISRAEL/ KOL Israel: 9435 f/d Jerusalem cd. in 59 ds. (Brown-IL). 9855 f/d Logo cd. in 58 ds. (Wright-MB).

/JAPAN/ R. Japan: 7240 n/d Tea Plantation cd. in 28 ds. (Holbrook-MD).

/LAOS/ Lao National Radio: 11960 & 15420 f/d Logo cd. w/ sked. in 86 ds. (D'Angelo-PA)...These frqs. are beleived to be originating from the USSR, but since the card says that it's from Vientiane, we'll list it here; this is a good one, either way!! A note on the sked. states that;"IRCS are not accepted by local post offices"...

/NORTH KOREA/ R. Pyongyang: 6576 f/d Cheeseball (?!!) cd. w/ pennant in 3 mo. for 2 ircs. (Havrilko-UK).

/OMAN/ BBC Relay: ???? p/d form ltr. in 2 mo. for 2 ircs- which were returned. V/S Terry Hoskins. (Havrilko-UK).

PHILIPPINES R. Veritas: 9770 2 f/d cds. in 20 ds. w/ ltr. (Miller-CA).
VoA Relay: 11965 f/d cd. in 8 ds. for ms. (George-MA).

SOUTH KOREA R. Korea: 9750, 9870 & 15575 f/d Han River cd. w/ sked. in 25 ds. (Miller-CA).

SRI LANKA SLBC: 11835 f/d Studio cd. in 82 ds. for 3 ircs. (Hill-MA).
VoA Relay: 15345 f/d cd. in 14 ds. after f-up. (Russell-AL).

THAILAND R. Thailand: 9655 f/d Tapoo Island cd. w/ sked. & info. in 52 ds. after f-up for ms. (D'Angelo-PA).

TURKEY VoT: 9560 f/d Boats cd. w/ pennant & sticker in 52 ds. (Wright-MB).

VIETNAM VoV: 15010 f/d cd. in 3½ mo. for 2 ircs. (Havrilko-UK).

EUROPE

ALBANIA R. Tirana: 7065 p/d Museum cd. in 109 ds. for 3 ircs after yrs. of trying!! (Pogue-TN).

AUSTRIA RAI: 6000 f/d ltr. in 45 ds. V/S Herbert Kuhle. (Miller-CA).

BELGIUM BRT: 9675 & 9925 f/d Photo cd. in 35 ds. (Gerstner-NY). 15590 2 f/d cds. in 23 ds. (Gerstner-NY).

CZECHOSLOVAKIA R. Prague: 11990 f/d Farm House cd. in 80 ds. (Wright-MB).

GERMAN DEMO. REP. RBI: 9560 f/d Decibel cd. w/ goodies in 92 ds. (CA-Johnson).

ITALY RAI: 9575 f/d Levi Painting cd. in 167 ds. (Brown-IL). f/d cd. w/ pennant & mag. in 170 ds. (Gerstner-NY).

MONACO TWR: 7105 f/d Map cd. w/ pennant & sked. in 47 ds. for an irc. (Van Horn-FL).

NORWAY RNI: 11850 f/d Procession cd. w/ sticker & skeds. in 25 ds. (CA-Miller).

POLAND R. Polonia: 9540 f/d Orbis cd. w/ stickers & postcard in 168 ds. (Gerstner-NY).

SPAIN REE: 11880 f/d cd. in 60 ds. (Miller-CA).

SWITZERLAND SRI: 9885 f/d Schwyz cd. in 40 ds. (Wright-MB).

VATICAN CITY R. Vaticana: 6250 f/d St. Peters' cd. in 2 mo. for an irc & a Tri-rpt. (Havrilko-UK).

YUGOSLAVIA R. Yugoslavia: 11735 f/d Jelsa on Hvar cd. w/ pennant, book, & sked. in 60 ds. for a SS rpt., tape & \$1- which was returned. (Pogue-TN).

U.S.S.R.

Karelian Radio: 4780 f/d pfc in 76 ds. after f-up for ms. (D'Angelo-PA).
...very, very nice Richard!!!
R. Moscow: 9765 via Lvov f/d cd. in 82 ds. (Evans-TN). 15415 via Irkutsk f/d cd. w/ rpt. form & stamp in 57 ds. (Wright-MB).

NORTH AMERICA

ANTIGUA BBC Relay: 15400 f/d form ltr. in 57 ds. for 2 ircs. (Havrilko-UK).

CANADA RCI: 15325 f/d Olympics cd. in 2 wks. (Havrilko-UK). R. Japan Relay: 5960 n/d Kanmon cd. w/ sked. in 24 ds. (Wright-MB). CPERX: 6070 f/d Anarcon cd. in 72 ds. for ms. (Soomre-MA). f/d cd. in 76 ds. for ms. V/S Terry Colgan. (D'Angelo-PA). f/d cd. in 77 ds. for ms. (Morin-ON). f/d cd. in 81 ds. for ms. (Jones-TN). f/d Plane cd. in 93 ds. after f-up for ms. V/S P.D. Hopkins. (Russell-AL). p/d cd. in 395 ds. after f-up for ms. (George-MA). f/d cd. in 452 ds. apologizing for delay, for \$1. (Coday-CA).

/COSTA RICA/ R. Impacto: 6160 f/d personal ltr. w/ sticker in 142 ds. after f-up for a SS rpt. & \$1. V/S Sandra Monge Jara. (Coday-CA). R. Lira: 15460 f/d Antenna cd. w/ ltr. in 43 ds. for 2 ircs. V/S David L. Gregory. (Gerstner-NY).

/CUBA/ R. Habana: 9655 f/d Fortress cd. w/ ltr. & sked. in 79 ds. (Johnson-CA). 11795 f/d Fishing cd. w/ ltr. in 3½ mo. for 2 ircs. V/S Rolando Palaez. (Havrliko-UK). R. Rebelde: 5025 n/d cd. w/ p/d ltr. in 79 ds. after f-up for a SS rpt. & \$1. V/S Jorge Luis Mas Zabala. (George-MA). n/d cd. w/ p/d ltr., and a pennant in 82 ds. for a SS rpt. and a tape. (Russell-AL).

/HONDURAS/ La Voz de la Mosquitia: 4910 f/d pfc w/ ltr. & pennant in 46 ds. for ms. V/S Dr. Sammy Simpson. (D'Angelo-PA)...this via the Tupelo, MS address...

/MONTSERAT/ DW Relay: no QSL here, just a ltr. from the C.E. stating that he isn't allowed to QSL the DW relay. This in 12 ds. for ms.- which were returned. (Evans-TN).

/NETHERLANDS ANTILLES/ TWR: 11815 f/d Building cd. w/ info. in 43 ds. V/S Terri Tongema. (Brown-IL).

/NICARAGUA/ R. Zinica: 6120 p/d personal ltr. in 300 ds. for ms. & \$1. V/S Arturo Valdez R. (Van Horn-FL).

/UNITED STATES/ R. Earth: 7355 f/d cd. in 189 ds. after f-up for ms. (AL-Russell). WHRI: 5995 & 7355 f/d logo cds. in 105 ds. for ms. V/S S. Kirtley. (Holbrook-MD).

OCEANIA

/AUSTRALIA/ R. Australia: 5995 f/d Koala cd. w/ sticker, sked. & book in 18 ds. (Van Horn-FL). 6060 f/d Platypus cd. w/ map in 33 ds. (Wright-MB). 17750 f/d Koala cd. w/ sticker, sked. & info. in 20 ds. (Radtko-CA). BBC Relay: 15395 n/d External Services cd. in 141 ds. (D'Angelo-PA). VLQ9: 9660 f/d Symphony cd. in 22 ds. for an irc. (Gerstner-NY).

/KIRIBATI/ R. Kiribati: 14802 f/d Native Dancers cd. in 79 ds. for \$1. V/S Mrs. T. Paeniu. (Pogue-TN)...nice one!

/MARIANAS ISLANDS/ KSDA: 11980 f/d cd. w/ pennant & goodies in 24 ds. for \$1. (Pogue-TN). KTRW: 15115 f/d 10th. Anniversary cd. in 4 mo. for 2 ircs. (Havrliko-UK).

/SOLOMON ISLANDS/ SIBC: 9545 f/d Logo cd. in 40 ds. for 2 ircs. (Wright-MB).

SOUTH AMERICA

/BOLIVIA/ R. Nueva America: 4795 f/d ltr. w/ pennant in 24 ds. registered for a SS rpt. (Huffaker-MX)...nice going Carl!!

/BRAZIL/ RadioBras: 11745 f/d Waterfall cd. w/ stamps in 50 ds. V/S Nara Ferreira. (Johnson-CA). R. Difusora do Amazonas: 4805 n/d ltr. w/ decals in 26 ds. for a PP rpt. (Huffaker-MX). R. Clube do Para: 4885 n/d ltr. in 18 ds. for a PP rpt. V/S Solange Souza. (Huffaker-MX). R. Aparecida: 5035 f/d Station cd. in 50 ds. for a PP rpt. (Huffaker-MX). R. Bandeirantes: 6185 f/d ltr. w/ sticker in 72 ds. for a PP rpt. & ms. V/S Salomao Esper. (Van Horn-FL).

/ECUADOR/ HCJB: 6205 f/d Beach cd. in 28 ds. (Lemke-AB). f/d cd. in 37 ds. (Soomre-MA). 11775 f/d Equatorial Monument cd. in 28 ds. (Lemke-AB). 15155 f/d Mt. Chimborazo cd. in 24 ds. (Soomre-MA). R. Zaracay: 3395 p/d folder cd. w/ pennant in 23 ds. for a SS rpt. & ms. V/S Elssy Cun. (George-MA).

/FRENCH GUIANA/ RFO: 3385 f/d Map cd. in 3½ mo. for a Tri-rpt. & 2 ircs. (Havrliko-UK). 5055 f/d cd. in 80 ds. for a tape, FF rpt. & ms. (Russell-AL). RFI Relay: 9800 f/d x'mitter site cd. w/ sked. in 66 ds. (Wright-MB).

/GALAPAGOS ISLANDS/ La Voz de Galapagos: 4810 p/d scenes cd. in 37 ds. after f-up for a SS rpt. & ms. (Evans-TN)...nice!

PERU R. Tropical: 4935 p/d Logo cd. w/ pennant in 65 ds. for a SS rpt. V/S Dora de Mon.(Huffaker-MX). R. Ancash: 4990 p/d personal ltr. w/ post card in 40 ds. for a SS rpt. V/S Armando Moreno Romero.(Huffaker-MX). p/d personal ltr. w/ postcard in 42 ds. for a SS rpt. & 2 ircs.(Gurley-TX).

VENEZUELA R. Valera: 4849 p/d scenes cd. w/ sticker in 83 ds. for a tape, SS rpt. & \$1. V/S Julio Balza.(Russell-AL).

Great turn-out from Latin America this time around. Good job to everyone, and thanks for the contributions!! I hope you all have the best that the Holiday season has to give, and I also hope that you get the veries' that you most dearly want! (What better Christmas present than receiving that long sought after QSL???)
73, Merry Christmas, and I'll see you all in 1988!

Ray

QSL Nº 85/SI/OICP/85

RADIO NACIONAL DE ANGOLA

Caro Senhor
Acusamos a recepção da sua carta, sobre as condições de escuta da
nosse estação emissora, na frequência de 2525 Khz. aos
no período das às horas GMT.

Q
S
L

Cher Monsieur
Nous agréons votre lettre et vos informations sur nos conditions
d'auditions sur la fréquence de Khz. le des à
..... heures TMG.

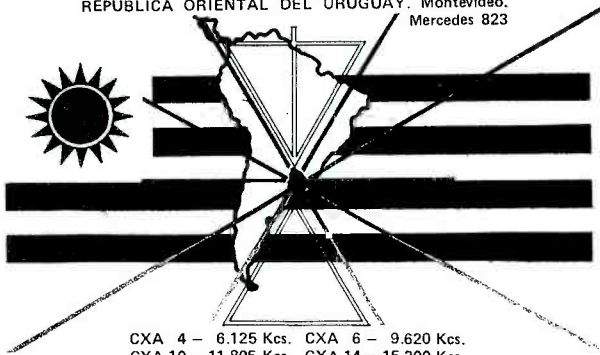
Dear Sir
We received your letter listening conditions of broadcast on short
wave frequencies of Khz, listened by you
from/...../.....G.M.T.

Rádio Nacional de Angola, 25/11/85
O Director,

Cx. Postal 1329 • Telex 3306 Emissora AN — Luanda-República Popular de Angola

SODRE

SERVICIO OFICIAL DE DIFUSION RADIOELECTRICA
REPUBLICA ORIENTAL DEL URUGUAY. Montevideo.
Mercedes 823



CXA 4 - 6.125 Kcs. CXA 6 - 9.620 Kcs.
CXA 10 - 11.895 Kcs. CXA 14 - 15.300 Kcs.

IR 7 HAIRDEI EMBASY : 20 6 CHIRO EMBASY : 3DN HANDEI AERO : MUF ADDIS ABABA UNECA : 9XZ
 HAIFA NAURO : SKH OGD : HAIFA BROOK LAMP : AYA BUENO AIRES CNTR : 2P 54 BEIING XINH
 O : 3M HANAMA MARK : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 UR : CLA 26 HAUNHA MARCO : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 ELBR HMDRQVIA RE : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 HON QUITO NAURO : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 MARCO : KFS SAN FRANCISCO MARCO : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 OFIA FTI MKG LENOON RAF : MKL EDINBURGH RAF : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 D : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 MARCO : DJF HELSINKI MARCO : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 MIL : DUG FREDERIKSHAUN NA : H SCHEUNINGEN : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 HAN MARCO : PFR RIO DE JANEIRO : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 CO : 00 CONOR HDB : 01 THUNDER HDB : AB RAB HAL : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 MARCO : RET7 NAURO NAURO : 20 23 DE RAS RATO : DSE 51 LUGA BA HMO : 02P 5ACOR MARCO
 OSCGW AERD : RIO IRKUTSK SFTS : RPFH HONSANTO NAURO : SAR KARLSKRONA MARCO : SAE TINGS

Jeff Knapp 5465 Kirby Rd #20 Cincinnati, OH 45223 USA
 deadline for logs: 12th of the month

NORTH AMERICA

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CAN	2182.0	U	0034	VAU	YARMOUTH	CCG	CLG CAPE ARGUS	BB -NH
CAN	2182.0	U	0120	VAK	VICTORIA	CCG	ANCMT	POC-NH
CAN	4255.0	C	0131	CFH	HALIFAX	CANMIL	ICE BULLETIN	RJ3-NJ
CAN	4271.0	C	2300	CFH	HALIFAX	CANMIL	WX	DRA-NY
CAN	6466.1	C	0530	CKN	VANCOUVER	CANMIL	WX	HMH-TX
CAN	6491.6	C		VCS	HALIFAX	CCG	V MARKER	HMH-TX
CAN	8453.0	C	0200	VAI	VANCOUVER	CCG	DE MARKER	ES -MA
CAN	12874.0	C	1815	VCS	HALIFAX	CCG	V MARKER	KR -FL
CAN	12875.0	C	2018	VAI	VANCOUVER	CCG	DE MARKER	PAC-UK
CAN	22387.0	C	1925	VCS	HALIFAX	CCG	UNDER FUF	RMA-IA
ICE	13070.0	C	1340	TFA	REYKJAVIK	MARCO		SG -MA
ICE	16909.7	C	1950	TFA	REYKJAVIK	MARCO	CO MARKER	LSH-CA
MEX	8581.4	C	0025	XFC	COZUMEL	MARCO	CO MARKER	RSR-ON
MEX	8581.5	C	0052	XFC	COZUMEL	MARCO	CO MARKER	ES -MA
USA	2182.0	C	0140	WV	WEST JONESPORT	USCG	TFC	ES -MA
USA	2182.0	U	0757	NMG	NEW ORLEANS	USCG	ID	NH -PA
USA	2514.0	U	0806	WLC	ROGERS CITY	MARCO	MARINE WX	NH -PA
USA	2572.0	U	2302	WLD	MOBILE	MARCO	WX	BB -NH
USA	4125.0	U	1936	WLV	PORT RICHMOND	MARCO	WKG SHEILA	POC-NH
USA	4396.8	C	0531	KBC	ROGERS CITY	MARCO	WX	AQ -NY
USA	4428.7	U	1042	NMC	SAN FRANCISCO	USCG	WX	KR -FL
USA	4746.0	U	0358	AFC	MADRID	USAF		RJ3-NJ
USA	4781.0	C	0430	WGY 912	MT WEATHER	FEMA	CODED TFC TO UXLF	RMA-IA
USA	4956.5	C	0410	KKN 39	WASHINGTON	DOS	ORA MARKER	RMA-IA
USA	5574.0	U	1336	KMA 7	SAN FRANCISCO	AERO	WKG NORTHWEST 8	LS -CA
USA	5696.0	U	0314	NMC	SAN FRANCISCO	USCG	WKG CG 1482	RJ3-NJ
USA	5696.0	U	0252	NNN	PORTSMOUTH	USCG	ASSUMING RADIO GUARD	RJ3-NJ
USA	5696.0	U	0037	NDB	SAN FRANCISCO	USCG	CLG E2L	RJ3-NJ
USA	6484.5	C	0540	WSC	TUCKERTON	MARCO	CO MARKER	RJ3-NJ
USA	6506.4	U	1842	NNN	PORTSMOUTH	USCG	WKG USCG STEADFAST	BB -NH
USA	6507.0	U	0534	NNN	PORTSMOUTH	USCG	WX	JEB-CA
USA	7635.0	U	0138	K1J 960	NASHVILLE	CAP	CONUS ROLLCALL	NH -PA
USA	8708.0	C	1311	WPD	TAMPA	MARCO	CO MARKER	LS -CA
USA	8715.0	U	1203	WOD	OCEAN GATE	MARCO	FORECAST	IL -FL
USA	8810.0	U	1701	WOD	OCEAN GATE	MARCO	WX	PK -IL
USA	8984.0	U	0019	NVA	MIAMI	USCG	WKG RESCUE 991	RJ3-NJ
USA	10869.0	U	0555	WDA	BETHANY	FEEDER	NEWS	TRM-MD
USA	12022.5	C	0012	KKN 50	WASHINGTON	DOS	ORA MARKER	NH -PA
USA	12917.0	C	1855	KLB 39	SEATTLE	MARCO	CO MARKER	SG -MA
USA	13387.0	C	0001	KKN 39	WASHINGTON	DOS	ORA MARKER	NH -PA
USA	17007.7	C	1912	KLB	SEATTLE	MARCO	CO MARKER	PAC-UK
USA	17225.3	C		WNU	SLIDELL	MARCO	WX	JAK-OH
USA	17414.0	C	0040	KKN 39	WASHINGTON	DOS	ORA MARKER	GLT-NH
USA	21852.0	U	0333	NMY 42	EAST MORICHES	USCG	SECURITY BCST	POC-NH

CENTRAL AMERICA

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COST	8472.0	C	2150	TCC	PUNTARENAS	MARCO	DSX MARKER	SG -MA
PANA	12699.0	C	1843	HP	PANAMAINTELMA	MARCO	V MARKER	SG -MA
PANA	15015.0	U	1906	AHF	ALBROOK	USAF	WKG CG 2127	RJ3-NJ

CARIBBEAN

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BARB	12709.0	C	2112	BPD	BRIDGETOWN	MARCO	DE MARKER	PAC-UK
BARB	12709.0	C	2107	BPD	BRIDGETOWN	MARCO	CO MARKER	SG -MA
BARB	12709.0	C	1345	BPD	BRIDGETOWN	MARCO	DE MARKER	JEB-CA
BARB	16947.5	C	1643	BPD	BRIDGETOWN	MARCO	DE MARKER	PF -CA
CUBA	13915.0	C	1900	CLP 1	HAVANA	MFA	V MARKER	LSH-CA
CUBA	13935.0	C	1850	CLP 1	HAVANA	MFA	V MARKER	LSH-CA
CUBA	16920.8	C		CLS	HAVANA	MARCO	CO MARKER	JAK-OH
JAM	13065.0	C	1900	6Y1	KINGSTON	MARCO	CO MARKER	LSH-CA
MART	22590.0	C	1923	FVS	FT DE FRANCE	NAVRAD	DE MARKER	ES -MA
PR	5696.0	U	0031	NMR	SAN JUAN	USCG	ON FINAL TO BORINQUEN	RJ3-NJ
PR	8470.5	C	1955	NMR	SAN JUAN	USCG	CO MARKER	BJ -TX

SOUTH AMERICA

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BRIL	8460.0	C	0555	PPJ	JUNCAO	MARCO	V MARKER	AG -NY
CHIL	8500.0	C	0330	CCM	MAGDALLENES	NAVRAD	V MARKER	PF -CA

CHIL	12714.0	C	2150	CBV	VALPARAISO	MARCO	CQ MARKER	GLT-NM
CHIL	16958.0	C	1950	CBV	VALPARAISO	MARCO	CQ MARKER	LSH-CA
CHIL	22473.0	C	2145	CBV	VALPARAISO	MARCO	CQ MARKER	GLT-NM
ECUA	3891.0	A	0739	HD 210A	GUAYABIL	SFTS	TIME SIGNALS	PK -TL
GUY	2182.0	U	0206	BRB	DEMARARA	MARCO	DE MARKER	POC-NH
SURI	2182.0	U	0252	P2N	PARAMARIBO	MARCO	ANNOUNCEMENT	SG -HA
SURI	13046.0	C	1203	P2N	PARAMARIBO	MARCO	CQ MARKER	AO -NY
URGY	4346.0	C	0528	CWA	CERRITO	MARCO	CQ MARKER	RSR-ON
URGY	12750.0	C	2350	CWA	CERRITO	MARCO	CQ MARKER	SG -HA
URGY	12750.0	C	1059	CWA	CERRITO	MARCO	CQ MARKER	RSR-ON

EUROPE

DNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ATOR	4748.0	U	0358	CBV	LAIES	USRF	WGX HR 40509	RFI-NJ
BELG	7774.7	C	1756	OST	DOSTENDE	MARCO	CW ID & ARG PHASE	JAK-OH
BELG	17017.0	C	1756	OST	DOSTENDE	MARCO	V MARKER	ES -HA
BELG	17187.0	C		OST 4	DOSTENDE	MARCO	CW ID & ARG PHASE	JAK-OH
BELG	22351.5	C	1726	OST	DOSTENDE	MARCO	V MARKER	PF -CA
BUL	4314.0	C	0150	L2W 2	VARNA	MARCO	DE MARKER	MH -PA
BUL	4315.5	C	0133	L2W	VARNA	MARCO	DE MARKER	PF -CA
BUL	8332.0	U	1935	L2W	VARNA	MARCO	DE MARKER	GLT-NM
BUL	8532.0	C	0045	L2W 42	VARGA	MARCO	DE MARKER	MH -PA
CYPR	8737.5	U	0226	58A 42	NICOSIA	MARCO	VOICE ID	RJ3-NJ
CYPR	16883.0	C	1426	58A	NICOSIA	MARCO	CQ MARKER	AO -NY
CZEC	6440.0	C	2022	0HC	BRATISLAVA	MARCO	CQ MARKER	PAC-UK
DEN	8148.0	C	0401	DVG 8	FREDERIKSHAVN	NAVRAV	V MARKER	BJ -TX
ENG	2182.0	U	0034	EJM	MAIN HEAD	MARCO	BROADCAST ANNOUNCEMENT	POC-NH
ENG	2182.0	U	0134	GLD	MARCO	BROADCAST ANNOUNCEMENT	POC-NH	
ENG	5426.0	C	0242	KRH 50	LONDON	EMBASY	DRA MARKER	MH -PA
ENG	5703.0	U	2357	AJE	CROUGHTON	USAF	EURO WX	RJ3-NJ
ENG	8492.2	C	0145	GVA	LONDON	NAVRAV	DE MARKER	PF -CA
ENG	17237.0	U		GKT 62	PORTISHEAD	MARCO	PHONE TFC	JAK-OH
FIN	8355.0	C	0310	OPJ	HELSINKI	MARCO	DE MARKER	BJ -TX
FIN	8457.0	C	0200	DFJ	HELSINKI	MARCO	QX MARKER	PF -CA
FIN	8457.0	C	1400	DFJ	HELSINKI	MARCO	CQ MARKER	PF -CA
FRAN	6867.5	C		FUE	BREST	NAVRAV	V MARKER	JAK-OH
FRAN	7369.0	C	2126	FUE	BREST	NAVRAV	V MARKER	SG -HA
FRAN	13193.8	C	0718	FFL 63	ST. LYS	MARCO	PT TFC	ND -FR
FRAN	17200.8	C		LVS	ST. LYS	MARCO	CW ID & ARG PHASE	JAK-OH
FRAN	17212.0	C		FFT 82	ST. LYS	MARCO	CW ID & ARG PHASE	JAK-OH
FRG	5125.0	L	0150	RFE	HOLZKIRCHEN	FEEDER	RADIO SLABODA	TRH-MD
FRG	12898.5	L	1818	DAN	NORDEICH	MARCO	CQ MARKER	KR -FL
GDR	4233.5	C	2213	YSH	RUGEN	MARCO	CQ MARKER	PF -CA
GDR	4242.0	C	0222	YSH	RUGEN	MARCO	V MARKER	PF -CA
GDR	4525.0	C	0537	YSS	NEBEN	SFTS	1-SEC PIPS, BINARY FORMAT	AO -NY
GDR	4222.0	C		GYU	GIBALTAR	NAVRAV	DE MARKER	JAK-OH
GIBR	4221.2	C	0240	GYU	GIBALTAR	NAVRAV	DE MARKER	ES -HA
GIBR	4221.2	C	0240	GYU	GIBALTAR	NAVRAV	DE MARKER	ES -HA
GIBR	8625.2	C	0228	GYU	GIBALTAR	NAVRAV	DE MARKER	PF -CA
GREE	4327.0	C	0102	SVF	ATHENS	MARCO	DE MARKER	PF -CA
GREE	9462.0	C	0335	SVT	ATHENS	MARCO	DE MARKER	PF -CA
GREE	16764.0	C	1754	SVI	ATHENS	MARCO	DE MARKER	RR -WS
GREE	22327.5	C	1725	SVG	ATHENS	MARCO	DE MARKER	PF -CA
HOLL	4250.0	C	0200	PCH 20	SCHEVINGEN	MARCO	DE MARKER	PF -CA
HOLL	12853.5	C	1812	PCH 52	SCHEVINGEN	MARCO	DE MARKER	KR -FL
HOLL	13414.6	C	2114	PCW 1	DEN HAAG	MFA	DE MARKER	PF -CA
HOLL	13415.2	C	1705	PCW	DEN HAAG	MFA	DE MARKER	ES -HA
HOLL	18902.5	C	1703	PCW 60	SCHEVINGEN	MARCO	DE MARKER	ES -HA
HOLL	22324.5	C	1758	PCH 70	SCHEVINGEN	MARCO	DE MARKER	RR -MS
ITLY	4280.0	C	2153	IDQ	ROME	NAVRAV	DE MARKER	PF -CA
ITLY	4292.0	C		IAR	ROME	MARCO	DE MARKER	JAK-OH
ITLY	4296.8	C	0152	IAR	ROME	MARCO	CQ MARKER	PF -CA
ITLY	4320.0	C	0148	IAR	ROME	MARCO	V MARKER	PF -CA
ITLY	4320.1	C	0136	IAR	ROME	MARCO	V MARKER	PF -CA
ITLY	4615.3	C	0225	IDR 2	ROME	NAVRAV	V MARKER	MH -PA
ITLY	6390.0	C	0030	IDQ	ROME	NAVRAV	DE MARKER	MH -PA
ITLY	6400.0	C	0410	IDF	MESSINA	MARCO	DE MARKER	BJ -TX
ITLY	22376.0	C	1759	IAR	ROME	MARCO	V MARKER	RR -MS
ITLY	22376.0	C	1710	IAR 2	ROME	MARCO	DE MARKER	ES -HA
ITLY	22376.0	C	1856	IAR 2	ROME	MARCO	V MARKER	RM-IA
MALT	12709.2	C	1330	9HD	VALETTA	MARCO	V MARKER	SG -HA
PDL	7692.5	C	0155	SPW	WARSAW	MARCO	DE MARKER	MH -PA
POL	12939.0	C	1821	SPE 41	SZCZECIN	MARCO	V MARKER	KR -FL
POL	12973.9	C		SPE 81	SZCZECIN	MARCO	CQ MARKER	JAK-OH
PORT	12943.5	C	1826	CUL 7	LISBON	MARCO	CQ MARKER	KR -FL
PORT	22479.0	C	1755	CUL 24	LISBON	MARCO	CQ MARKER	RR -CA
ROMA	8459.0	C	1410	Y01 5	CONSTANTA	MARCO	ROMA TFC	MSGS
SPAN	7706.0	C		AOK	ROTA	NAVRAV	CQ MARKER	JAK-OH
SPAN	17064.5	C		EDZ 6	ARANJUEZ	MARCO	DE MARKER	JAK-OH
SWED	8497.5	C	0344	SAG	GOETEBORG	MARCO	CQ MARKER	RJ -TX
SWIS	4259.0	C	2216	HEB	BERNE	MARCO	CQ MARKER	PF -CA
SWIS	13023.7	C	1857	HEB	BERNE	MARCO	CQ MARKER	KR -FL
SWIS	13023.7	C	1825	HEB	BERNE	MARCO	DE TFC	LSH-CA
SWIS	17205.0	C		HEC 17	BERNE	MARCO	CW ID & ARG PHASE	JAK-OH
SWIS	17220.0	C		HEC 27	BERNE	MARCO	CW ID & ARG PHASE	JAK-OH
USSR	8565.0	C	1340	UKA	VLADIVOSTOK	MARCO	DE MARKER	GLT-NM
USSR	8711.0	C	0156	JFN	NOVORISSYK	MARCO	DE MARKER	PF -CA
USSR	12803.0	C	2050	UDK 2	MURMANSK	MARCO	CLG 4LS	LSH-CA
USSR	12980.8	C	2025	UPB	PROVIDENIA	MARCO	RR TFC	LSH-CA
USSR	13083.1	C	2155	UBE 2	PETROPAVLOVSK	MARCO	NOTAMS & RR TFC	LSH-CA
USSR	13089.6	C	0339	JFN	NOVORISSYK	MARCO	DE MARKER	PF -CA
USSR	16865.5	C	1530	UJY	KALININGRAD	MARCO	CQ MARKER	AO -NY
USSR	16922.0	C	1456	UBA 4	KIEV	MARCO	CLG 4LS	PAC-UK
USSR	16960.0	C	1640	UBV	MURMANSK	MARCO	V MARKER	GLT-NM
USSR	17272.5	C	0050	UFL	VLADIVOSTOK	MARCO	DE MARKER	GL -CA
USSR	22405.0	C	0101	UKA	VLADIVOSTOK	MARCO	CQ MARKER	RR -CA
YUGO	16942.9	C	1920	YUR	RIJEKA	MARCO	V MARKER	LSH-CA

AFRICA/MIDDLE EAST

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALGE	5652.0	U	0120	7IA	EL DJAZAIR	METEO	AERO TFC	MH -PA
ANGO	8565.0	C	0215	D3E 51	LUANDA	MARCO	CQ MARKER	ES -CA
ANGO	13023.0	C	1641	D3E	LUANDA	MARCO	V MARKER	PF -CA
BRAN	13086.6	C	1430	A9M	MANAMA	MARCO	DE MARKER	PF -CA
CHAD	10115.4	C	2048	T1Z	N DJAMENA	PTT	VOICE ID IN FF	ND -FR
CONG	8903.0	C	0255	TNU	BRIZAVILLE	AERO	WKG AIRCRAFT 675	RSR-ON
DJIB	8682.0	C	1330	J2A 8	DJIBOUTI	MARCO	CQ MARKER	GLT-NM
DJIB	8682.1	C	1435	J2A 8	DJIBOUTI	MARCO	CQ MARKER	PF -CA
DJIB	12728.0	C	1245	J2A 9	DJIBOUTI	MARCO	CQ MARKER	SG -MA
DJIB	13043.0	C	2205	FUV	DJIBOUTI	NAVRAV	V MARKER	SG -MA
EQPT	16912.0	C	1753	SUH	ALEXANDRIA	MARCO	CQ MARKER	RR -CA
ISRL	4258.0	C	2353	XID	HAIFA	MARCO	V MARKER	PF -CA
ISRL	4289.0	C	2358	X1Z	HAIFA	NAVRAV	V MARKER	PF -CA
ISRL	4289.0	C	0157	X4Z	HAIFA	NAVRAV	V MARKER	PF -CA
ISRL	6379.0	C	41Z	X1Z	HAIFA	NAVRAV	DE MARKER	JAK-ON
ISRL	8437.1	C	0331	X4Z	HAIFA	NAVRAV	V MARKER	PF -CA
ISRL	22491.5	C	1801	X1D	HAIFA	MARCO	CQ MARKER	RR -MS
LIBE	4886.0	C	2313	KKM	MONROVIA	EMBASY	ORA MARKER	ES -MA
LIBE	11474.3	C	0925	KKN 40	MONROVIA	MARCO	ORA MARKER	ES -MA
LYBA	8515.0	C	1612	5AT	TRIPOLI	MARCO	V MARKER	PAC-UK
LYBA	8515.0	C	0209	5AT	TRIPOLI	MARCO	V MARKER	ES -MA
LYBA	8515.4	C	0533	5AT	TRIPOLI	MARCO	CQ MARKER	HMH-TX
NIGR	8903.0	C	0257	5ND	KANO	AERO	WKG TNL 77	RSR-ON
GATR	4231.1	C	0212	A7D	DHAH	MARCO	DE MARKER	PF -CA
GATR	4473.6	C	1459	A7D	DHAH	MARCO	CQ MARKER	PF -CA
REUN	4334.0	C	0223	FUX	SAINT DENIS	NAVRAV	DE MARKER	PF -CA
REUN	8475.0	C	1300	FUX	SAINT DENIS	NAVRAV	V MARKER	GLT-NM
REUN	13215.5	C	2110	FUX	SAINT DENIS	NAVRAV	V MARKER	SG -MA
REUN	16951.5	C	1635	FUX	SAINT DENIS	NAVRAV	V MARKER	GLT-NM
SAUD	6364.5	C	0030	H1Z	DAMMAN	MARCO	CQ MARKER	MH -PA
SAUD	16861.0	C	1300	H1Z	DAMMAN	MARCO	DE MARKER	SG -MA
SENE	8461.9	C	0305	ZUJ 41	DAKAR	AERO	TFC	ES -MA
SENE	8490.0	C	1842	6VA	DAKAR	MARCO	DE MARKER	POC-NH
SENE	13410.0	C	2145	6WW	DAKAR	NAVRAV	V MARKER	GLT-NM
SENE	16951.5	C	2113	6WW	DAKAR	NAVRAV	V MARKER	ES -MA
SENE	16951.5	C	0120	6WW	DAKAR	NAVRAV	V MARKER	GLT-NM
SDAF	4316.0	C	0525	ZSC	CAPETOWN	MARCO	V MARKER	AG -NY
SDAF	5000.0	C	0525	ZUS	CAPETOWN	SFTS	CF ID UNDER MWV	DRG -NM
SDAF	8449.8	C	0557	ZRH	CAPETOWN	NAVRAV	V MARKER	AG -NY
YEMN	8441.4	C	1830	70A	A DEN	MARCO	DE MARKER	SG -MA
YEMN	13059.7	C	1435	70A	A DEN	MARCO	DE MARKER	PF -CA

ASIA/FAR EAST

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
HONG	8539.0	C	1410	VPS	VICTORIA ISLE	MARCO	CQ MARKER	GLT-NM
HONG	17096.0	C	2330	VPS	VICTORIA ISLE	MARCO	DE MARKER	GLT-NM
HONG	17096.0	C	0105	VPS	VICTORIA ISLE	MARCO	DE MARKER	GLT-NM
IND	16797.0	C	1400	VWB	MUMBAI	MARCO	CQ MARKER	PAC-UK
INDI	17034.0	C	1400	VWB	BOMBAY	MARCO	CQ MARKER	PAC-UK
INDO	8625.1	C	1500	PKY 2	JAKARTA	MARCO	CQ MARKER	PF -CA
INDO	8694.0	C	1315	PKM	BITUNG	MARCO	CQ MARKER	GLT-NM
INDO	16861.7	C	1507	PKY	JAKARTA	MARCO	CQ MARKER	ES -MA
INDO	17184.0	C	1221	PKE	AMBOINA	MARCO	CQ MARKER	PAC-UK
INDO	22431.3	C	0043	JKA	JAKARTA	MARCO	CQ MARKER	GLT-NM
JAPAN	4305.5	C	1440	JNA	TOKYO	MARCO	CQ MARKER	GLT-NM
JAPAN	5628.0	U	1223	JMA	TOKYO	VOLMET	WKG TIGER 5076	LS -CA
JAPAN	5628.0	U	1220	JMA	TOKYO	VOLMET	WKG UNITED 58	LS -CA
JAPAN	5628.0	U	1251	JMA	TOKYO	VOLMET	WKG UNITED 800	LS -CA
JAPAN	5628.0	U	1414	JMA	TOKYO	VOLMET	WKG JAPAN 44	LS -CA
JAPAN	8549.0	C	0608	JFA	CHOU FISHERIES	MARCO	CQ MARKER	JB -TX
JAPAN	12458.5	C	1650	JNA	TOKYO	MARCO	CQ MARKER	ES -MA
JAPAN	12788.0	C	1143	JFA	CHOU FISHERIES	MARCO	CQ MARKER	PAC-UK
JAPAN	13008.0	C	2335	JDR	NAGASAKI	MARCO	DE MARKER	RSR-ON
JAPAN	13069.5	C	1055	JDS	NAGASAKI	MARCO	DE MARKER	ES -MA
JAPAN	13282.0	C	0710	JMA	TOKYO	VOLMET	VOLMET WX	ND -FR
JAPAN	16883.0	C	0100	JDU	NAGASAKI	MARCO	DE MARKER	ES -MA
JAPAN	16883.0	C	0100	JDU	NAGASAKI	MARCO	DE MARKER	ES -MA
JAPAN	16911.2	C	0004	JNA	TOKYO	MARCO	CQ MARKER	ES -MA
JAPAN	16911.2	C	0004	JNA	TOKYO	MARCO	CQ MARKER	ES -MA
JAPAN	16998.5	C	0050	JDC	CHOSI	MARCO	CQ MARKER	ES -MA
JAPAN	16998.5	C	0050	JDC	CHOSI	MARCO	CQ MARKER	ES -MA
HLAY	8698.0	C	1250	9MS	BAYAN LEPAS	MARCO	CQ MARKER	GLT-NM
HLAY	12781.5	C	1410	9MG	GEORGETOWN	MARCO	V MARKER	SG -MA
HLAY	22465.0	C	0043	9MG 12	GEORGETOWN	MARCO	V MARKER	PF -CA
PHIL	8580.0	C	1330	DZO	BULACAN	MARCO	CQ MARKER	GLT-NM
PHIL	12833.5	C	1547	DZP	NOVALICHES	MARCO	CQ MARKER	PAC-UK
PHIL	12870.0	C	1555	DZO	BULACAN	MARCO	CQ MARKER	PAC-UK
PHIL	16870.5	C	1533	DZ1	BULACAN	MARCO	CQ MARKER	PAC-UK
PRC	8454.0	C	1510	XSM	XI'AMEN	MARCO	CQ MARKER	PF -CA
PRC	8502.0	C	1207	XSG	SHANGHAI	MARCO	CQ MARKER	BJ -TX
PRC	8502.0	C	1335	XSG	SHANGHAI	MARCO	CQ MARKER	GLT-NM
PRC	8513.9	C	1305	XSQ 4	GUANGZHOU	MARCO	CQ MARKER	GLT-NM
PRC	8547.0	C	1250	XSO	GUANGZHOU	MARCO	CQ MARKER	GLT-NM
PRC	12971.5	C	0130	XSG	SHANGHAI	MARCO	CQ MARKER	GLT-NM
PRC	17091.5	C	0110	XSM	GUANGZHOU	MARCO	CQ MARKER	GLT-NM
PRC	17103.2	C	0043	XSG	SHANGHAI	MARCO	CQ MARKER	ES -MA
PRC	17103.2	C	0100	XSG	SHANGHAI	MARCO	CQ MARKER	GLT-NM
PRC	17103.4	C	0043	XSG	SHANGHAI	MARCO	CQ MARKER	ES -MA
ROK	4308.0	C	2145	HL6	SEUL	MARCO	CQ MARKER	PAC-UK
ROK	22482.0	C	0055	HL6	SEUL	MARCO	CQ MARKER	PF -CA
SING	8571.5	C	1315	9VG 43	SINGAPORE	MARCO	V MARKER	GLT-NM
SING	16868.4	C	1513	9VG	SINGAPORE	MARCO	CQ MARKER	SG -MA
SING	22428.0	C	0132	9VG 59	SINGAPORE	MARCO	CQ MARKER	PF -CA
THAI	8686.0	C	1415	HSA 2	BANGKOK	MARCO	CQ MARKER	GLT-NM
THAI	12800.0	C	1510	HSA 3	BANGKOK	MARCO	CQ MARKER	PAC-UK
TWN	8440.0	C	1245	XSX	KEELUNG	MARCO	CQ MARKER	GLT-NM

TIMN	8490.0	C	1310	XSX	KEELUNG	MARCO	CQ	MARKER	GLT -NM
TIMN	8511.0	C	1355	XSM	KAOHSIUNG	MARCO	CQ	MARKER	GLT -NM
TIMN	8631.6	C	1320	XSM	KAOHSIUNG	MARCO	CQ	MARKER	GLT -NM
TIMN	12695.2	C	0145	XSM	KEELUNG	MARCO	CQ	MARKER	GLT -NM
TIMN	12784.0	C	0135	XSX	KEELUNG	MARCO	CQ	MARKER	GLT -NM
TIMN	12864.0	C	0241	XSM	KAOHSIUNG	MARCO	CQ	MARKER	POC -NM
TIMN	17011.0	C	0115	XSX	KEELUNG	MARCO	CQ	MARKER	GLT -NM
TIMN	22336.2	C	0020	XSM	KAOHSIUNG	MARCO	DE	MARKER	GLT -NM

PACIFIC

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	8521.0	C	1400	VIS	SYDNEY	MARCO	V MARKER	GLT -NM
AUST	12994.0	C	0004	VIP 4	PAETH	MARCO	V MARKER	RSD -NM
AUST	12994.0	C	2346	VIP 4	PAETH	MARCO	V MARKER	BJ -TX
AUST	22485.0	C	0030	VIX	CANBERRA	MARCO	V MARKER	GLT -NM
FFPD	6462.3	C	0525	FUM	PAPEETE	NAVRAD	V MARKER	HMH -TX
FFPD	8625.1	C	1325	FUM	PAPEETE	NAVRAD	V MARKER	GLT -NM
FFPD	12664.5	C	2340	FUM	PAPEETE	NAVRAD	CQ MARKER	RSD -NM
FFPD	12664.5	C	0150	FUM	PAPEETE	NAVRAD	V MARKER	GLT -NM
FFPD	17380.0	C	0040	FUM	PAPEETE	NAVRAD	V MARKER	GLT -NM
FFPD	22544.5	C	0035	FUN	PAPEETE	NAVRAD	V MARKER	GLT -NM
GUAM	12743.0	C	1500	NRV	APRA HARBOUR	USCG	CQ MARKER	SG -MA
HI	2247.2	C	2025	NMO	HONOLULU	USCG	V MARKER	GLT -NM
HI	8829.0	U	0430	KVM	HONOLULU	VOLMET	WX	PL -FL
HI	8843.0	U	0241	KUA 3	HONOLULU	AERO	KGB DELTA 1564	LS -CA
HI	8993.0	U	0300	KUA 3	HONOLULU	AERO	KGB CONTINENTAL 68	LS -CA
HI	9051.0	C	0133	NMO	HONOLULU	USCG	DE MARKER	KR -FL
NCAL	16957.7	C	1630	FUJ	NOUMEA	NAVRAD	V MARKER	GLT -NM
NCAL	22460.9	C	2020	FUJ	NOUMEA	NAVRAD	V MARKER	GLT -NM
NZEL	8597.0	C	0605	ZLD	WAIOURU	NAVRAD	DE MARKER	BJ -TX
NZEL	8598.7	C	0605	ZLD	WAIOURU	NAVRAD	DE MARKER	HMH -TX

RADIOTELETYPE

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTRY	TRAFFIC	CONTRB
4359.1	2110	FEC	UN	ARKHANGELSK	MARCO	USSR	KR NAVAREA	ND -FR
4359.5	0810	SITOR-A	ICB	GENOVA	MARCO	ITLV		KR -FG
4366.7	0103		FFL 21	ST. LYS	MARCO	FRAN	TFC LIST IN FF	JG -NY
5740.0	2314	50N	HZN	JEDDAH	METED	SAUD	CODED WX	JG -NY
7364.2	1457	50-250R	HMF 88	PYONYANG	KCNA	NOKO	RY	ND -FR
7395.0	0346	50-850R	RPFN	MONSANTO	NAVRAD	PORT	RY	RMA -IA
7586.0	0020	50-425R	6XR 41	UNCAR	AERO	SENE	CQ MARKER	RMA -IA
8115.5	1337	50-850R	JAE 58	TOKYO	KYODO	JAPAN	EE NEWS	ND -FR
9144.3	1433	50R	9HY 58	KUALA LUMPUR	METED	MLAY	CQ MARKER	PF -CA
9154.2	0103	50-850N	D4B	PEDRO LUME	AERO	CAPE	RY	KR -FL
9155.1	0236	50N	D4B	PEDRO LUME	AERO	CAPE	RY	PF -CA
9224.0	0555	50-170N	TJK	DOULA	ASECNA	CAME	RY	HMH -TX
9226.0	1850	50-910R	TJK	DOULA	ASECNA	CAME	RY	RDS -NJ
9289.3	1903	50N	RUIU	HONDEZHINAY	AERO	USR	RY	ND -FR
9383.0	1430	120/576	NPN	APRA HARBOUR	NAVRAD	GUAM	FAX INDIAN OCEAN	KJ -FG
9846.0	2220	50-425N	TUH	ABIDJAN	ASECNA	IVRY	RY	RMA -IA
10137.0	2320	50N	TNL 97	BRAZAVILLE	ASECNA	CONG	RY	JG -NY
10435.0	1510	50N	ZAY	TIRANA	ATA	ALB	FF NEWS	JG -NY
10486.3	1400	50-790N	9NK	KATMANDOU	AERO	NEPI	RY	ND -FR
10518.2	1527	50-400R	530	TRIPOLI	JANA	LYBA	AR NEWS	ND -FR
10543.0	0250	50N	Y2V 54	BERLIN	ADN	GDR	EE NEWS	JG -NY
10553.3	0847	120 FAX	AXI 34	DARWIN	METED	AUST	WX	ND -FR
10560.3	1538	50N	FTK 56	PARIS	AFP	FRAN	RY	PF -CA
10964.1	2140	120 FAX	NPO	SUBIC BAY	NAVRAD	PHIL	MAPS	ND -FR
11030.5	0500	50-850R	AIM 34	CANBERRA	METED	AUST	WX	ND -FR
11420.1	2211	50-425R	YDN 22	BERLIN	GDR	RY		ND -FR
11420.5	1144	50-425R	XVM 3	HANOI	VNA	VIET	FF NEWS	ND -FR
11570.0	1442	75-850R	NBA	BALBOA	NAVRAD	PANA	CLG HDN	KR -FL
11602.7	0724	50-425N	6MK 64	SEOUL	VONHAP	ROK	RY	ND -FR
12223.5	2353	75N	VOA	TANGER	FEEDER	MROD	EE NEWS	JG -NY
12757.6	0825	120 FAX	N6R	KATO SOLI	USN	GREE	HAF	ND -FR
12827.1	1205	60 FAX	35D	BEIJING	MARCO	PRC	NEWS IN CYRILLIC	ND -FR
12973.0	1840	50-170N	UUY	KALININGRAD	MARCO	USSR	RY	KR -FL
13095.0	2201	FEC	KLC	GALVESTON	MARCO	USA	TFC LIST	KR -FL
13099.6	2205	FEC	WNU	SLIDELL	MARCO	USA	METED	ND -FR
13393.1	1416	120 FAX	NPO	SUBIC BAY	NAVRAD	PHIL	MAPS	ND -FR
13440.2	1620	50-425R	YZJ 5	BELGRADE	TANJUG	YUGO	EE NEWS	KR -FL
13540.0	0015	50-850R	LRO 81	BUENOS AIRES	MTEL	ARGN	NEWS	RMA -IA
13763.0	1245	50N	Y7A 54	BERLIN	ADN	RY		JG -NY
13767.0	1630	50N	QLI 5	PARQUE	CETEKA	CZEC	FF NEWS	JG -NY
13815.0	2130	75N	CXR	MONTEVIDEO	NAVRAD	URGY	RY & FOXES	JG -NY
13920.5	0501	50-850R	AXM 35	CANBERRA	METED	AUST	WX	ND -FR
13995.0	2328	75R	5LA	MONROVIA	FEEDER	LIBE	VOA W/FRAN FILE	JG -NY
13995.0	2350	75-454R	5LA	MONROVIA	FEEDER	LIBE	AFRICAN FILE	RDS -NJ
14356.2	1711	50-425R	6FL 23	BRISBANE	METED	ENG		KR -FL
14370.0	1721	50-425N	HZJ	JEDDAH	AERO	SAUD	EE TFC	KR -FL
14452.9	1732	75-850R	NBA	BALBOA	NAVRAD	PANA	TFC	KR -FL
14638.3	2020	75-425N	WFK 54	NEW YORK	USIA	USA	SS NEWS	HMH -TX
14649.9	1940	75-425N	KNY 23	WASHINGTON	EMBASY	USA	5FG	HMH -TX
14722.0	1950	50-425R	TNL	BRAZAVILLE	ASECNA	CONG	DE MARKER	RMA -IA
14786.5	2010	50-425R	PPI 1	KINSHASA	AERO	ZIRE	WL	KR -FL
15955.5	0925	50-850R	3BT 4	PLAISANCE	METED	MAUR	RY	ND -FR
16133.3	1818	120 FAX	KVM 70	HONOLULU	VOLMET	HI	MAPS	ND -FR
16265.5	1743	75-850R	NBA	BALBOA	NAVRAD	PANA	EE MSGS	ND -FR
17390.1	1249	50-620R	3VA 74	TUNIS	TAP	TUNI	AR NEWS	ND -FR
18165.0	1930	50-425R	STK	KHARTOUM	AERO	SUDN	DE MARKER	RMA -IA
18690.0	1345	45-36R	GLP 1	HAVANA	MFA	CUB	RY	RDS -NJ
2020.1	1444	50-425R	Y7A 80	BERLIN	HFA	GDR	RY	KR -FL
20078.4	1452	50-425N	FTU 88	PARIS	DIPLO	FRAN	FF NEWS	KR -FL
20311.9	1457	50-425N	FTU 31	PARIS	DIPLO	FRAN	EE NEWS	KR -FL
20350.0	1831	75-906R	NBA	BALBOA	NAVRAD	PANA	RY	RDS -NJ
20430.1	1610	50-425R	IRS 24	ROME	ANSA	ITLV	RY	KR -FL
22914.9	1745	50-425N	FTM 91	PARIS	DIPLO	FRAN	FF NEWS	KR -FL

SHIPS

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	2348	GUMT	GYPSUM KING	WKG CAPE MAY	POC-NH
2182.0	U	0220	H2SP	MARITA LEONHARDT	WKG WOD	POC-NH
2182.0	U	1838	WFMK	USCGC SENECA	WKG BOSTON	POC-NH
2182.0	U	0352	VC 8558	FORTUNE ENDEAVOR	WKG ST. LAWRENCE	POC-NH
4112.6	U	0114	WFMK	CAPTAIN HD	WKG WOM	BB -NH
4112.6	U	0250	NNTR	USS THEODORE ROOS	WKG WOM	POC-NH
4125.0	U	0519	NRPX	USCGC BUTTWOOD	TFC TO NEW ORLEANS	GCH-WV
4400.8	U	0211	NODR	USCGC SAGEBRUSH	WKG MIAMI	POC-NH
5320.0	U	0514	NAED	USCGC WHITE SUMAC	WKG DRY TORTUGAS	GCH-WV
5320.0	U	0526	NOBS	USCGC SALVIA	WKG NEW ORLEANS	GCH-WV
5692.0	U	1419	NFMK	USCGC SENECA	WKG BROOKLYN	BB -NH
6200.0	U	1923	NODH	USCGC BITTERSWEET	WKG BOSTON	BB -NH
6200.0	U	2005	WNVF	NDAALBATROSS IV	CLG NMF	BB -NH
6200.0	U	2230	WTEW	NDAALWHITING	WKG BOSTON	BB -NH
6262.5	R	0230	OZSD	ALVA MAERSK	EE TFC	LSH-CA
6268.0	R	0215	UUUZ	TH SAHAKAND	RR TFC	LSH-CA
8298.0	R	0051	UVVN	MA ALEKSANDR TORTSEV	CLG URB 2	KR -FL
8298.1	R	0230	UMSH	TH N. GOLOVANDV	RR TFC	LSH-CA
8298.6	R	0132	UIJC	RTMS MIKHAIL ORLOV	WKG URB 2	KR -FL
8299.2	R	0149	UJWW	RMB SEVEROVINSK	WKG URB 2	KR -FL
8344.0	R	0137	UNMK	RPB VOSTOK	TFC	KR -FL
8344.5	R	0221	HBD5	M/V CLARISSE VURE	WKG GKE 4	KR -FL
8348.0	R	1345	UYLC	TKH KAPITAN MILDOVZOROV	TFC	JEB-CA
8350.0	R	0000	GBWV	LDRD CURION	WKG KPH	JEB-CA
8350.5	R	0250	URRN	LEDNID BREZHNEV	WKG ODESSA	RMA-IA
8351.0	R	0113	HOWR	MARIENVY 6	WKG WLD	KR -FL
8352.5	R	0201	LYHJ	TR BEREG YANDII	WKG KALININGRAD	KR -FL
8354.5	R	0115	EWJS	TR OSTROV ATLASOVA	WKG UJY	RMA-IA
8354.5	R	0105	UFZJ	RTMS AZIMUT	WKG KALININGRAD	RMA-IA
8355.5	R	0140	UVGN	TH GUZINTSEV	RR TFC	LSH-CA
8355.5	R	0330	OSDN	TH KOMANDARH MATVEEV	CLG URL	LSH-CA
8356.5	R	0257	SZYB	M/V SYNCTOS	TELEX TFC	KR -FL
8362.0	U	1828	WIBK	CHERRY VALLEY	CLG WSC	POC-NH
8362.8	U	1826	9VDD	TFL LIBERTY	CLG MNM	POC-NH
8363.2	U	0330	SEHK	LADY FORTUNE	CLG WNU 53	POC-NH
8377.0	C	0255	FLY	UNITED SPIRIT	'PLEAD CONTROL' TFC	LSH-CA
12335.0	U	1740	LAPJ	M/V NORDIC PRINCE	TFC PORTSHEAD	PK -IL
12493.5	R	0110	DDGR	JSS LOS ANGELES	GG TFC	LSH-CA
12498.5	R	2113	CGKO	REEFER MANGGIS	ARG TO WLO	KR -FL
12500.5	R	2247	UEHO	MA IVAN SIVKO	WKG URB 2	KR -FL
12501.5	R	2047	USND	PB LENINGRADSKAYA SLAV	50-170N	RMA-IA
12504.2	R	2015	ONBY	F/H CORNELIS VEROLHE	TFC	KR -FL
12505.5	R	0130	DAGS	ANTARTICO	GG TFC	LSH-CA
12510.0	R	2054	JAVN	M/V VENTURER	WKG NY	RMA-IA
12511.0	R	2355	EREB	TKH VOLNA	METE0	JEB-CA
12517.0	R	0115	UZCU	TH PORONIN	RR TFC	LSH-CA
12521.5	R	2229	UFAA	MA ALEKSEI GENERALOV	RR TFC 2	KR -FL
12522.0	R	2336	UZLW	TKH LEONID SOBINOV	CLG UAT	KR -FL
12524.0	R	0045	URPK	TR ZDLOTAYA	RR TFC	LSH-CA
12524.5	R	2313	LYFI	BATH MARSHAL NOVIKOV	TFC	KR -FL
12543.0	U	1502	J4UK	DESERT FALCON	CLG WCC	POC-NH
12544.2	U	1730	TCRC	BALTIC TRANS	CLG MNM	POC-NH
12545.4	U	1730	DSUD	PACIFIC TRADER	CLG 6BK	POC-NH
12546.0	U	2006	TCXV	KOYCEGIZ	CLG AH	POC-NH
12566.0	R	2155	HARMAC	HARMAC	AMVER TO VAI	POC-NH
16672.5	R	2105	DXPS	LICA MAERSK	EE TFC	LSH-CA
16696.5	R	1735	UNXN	RTM ZEFIR	WKG KALININGRAD	KR -FL
16770.0	R	2045	3E6J 3	PERUVIAN REEFER	EE TFC	LSH-CA
16795.0	C	1750	3EKM 5	M/V POLO	TFC TO WCC	RR -MS

AERO

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2887.0	U	0319	VARI6 861	WKG SAN JUAN	GCH-WV
2962.0	U	0504	SWISS AIR 1123	WKG SHANWICK	GCH-WV
2971.0	U	0521	ICL/ANBIC AIR 614	WKG GANDER	GCH-WV
3016.0	U	0726	AIR FRANCE 202	WKG SANTA MARIA	GCH-WV
5526.0	U	0754	CLIPPER 440	WKG MANAUS	GCH-WV
5535.0	U	0443	SAUDI 087	WKG LONDON	GCH-WV
5541.0	U	0412	CONTINENTAL 028	WKG STOCKHOLM	GCH-WV
5550.0	U	0821	HEROFL07	WKG BOYEROS	GCH-WV
5550.0	U	0807	FEDERAL EXPRESS 301	R/C SAN JUAN	GCH-WV
5565.0	U	0409	IBERIA 983	WKG DAKAR	GCH-WV
5599.0	U	0752	CARIBBEAN 706	WKG NY	PK -IL
5610.0	U	0522	EASTERN 917	WKG UK RADIO	GCH-WV
5616.0	U	0138	TWA 4	TFC	AJ -TN
5649.0	U	0506	PAKISTAN 718	WKG SHANWICK	GCH-WV
5658.0	U	2222	LUFTHANSA 571	WKG KHARTOUM	GCH-WV
5692.0	U	0203	CG 1462	WKG DETROIT	RJJ-NJ
5692.0	U	0116	CG 1466	WKG DETROIT	RJJ-NJ
5692.0	U	1327	CG 1468	WKG TRAVERSE CITY	BB -NH
5692.0	U		CG 1469	WKG TRAVERSE CITY AIR	BB -NH
5692.0	U	0147	CG 1469	WKG TRAVERSE CITY	RJJ-NJ
5692.0	U	0459	RESCUE 1469	WKG TRAVIS CITY	GCH-WV
5696.0	U	0329	CG 2118	WKG USCGC SEAHAWK	BB -NH
5696.0	U	2240	CG 2121	WKG CAPE COD AIR	ES -SC
5696.0	U	0501	CG RESCUE 2182	WKG KODIAK	GCH-WV
5696.0	U	0503	USCG 1712	SEARCHING FOR SHIP	FBC-WA
5696.0	U	0400	USCG RESCUE 1603	TRAINING OPERATION	FBC-WA
6532.0	U	0752	HAC 50265	WKG HONOLULU	BW -NE
6718.0	U	1138	SAM 706	WKG ANDREWS	BB -NH
6731.0	U	1951	AIR FORCE 2	WKG ANDREWS	BB -NH
6735.0	U	0245	RAYMOND 24	WKG OAK GROVE	BW -NE
6750.0	U	0412	HAC 60013	WKG LAJES	GCH-WV
6756.0	U	0042	SAM 200	WKG ANDREWS	BB -NH

8825.0	U	2132	MAC 70012	WKG NY	KR -FL
8837.0	U	2312	EL AL 006	WKG BEN GURION	RDS-NJ
8842.0	U	0449	AEROFLOT	WKG RFNV	GCH-WV
8846.0	U	2109	AMERICAN 667	WKG NY	KR -FL
8846.0	U	1524	ANTILLEAN 982	WKG NY	POC-NH
8846.0	U	1515	EL AL 037	WKG NY	GCH-WV
8846.0	U	2103	NAVY LIMA CHARLIE	WKG NY	KR -FL
8853.0	U	0547	EASTERN 010	WKG PORTO BELHO	GCH-WV
8855.0	U	0507	VARIG 860	WKG PARAMARIBO	GCH-WV
8855.0	U	0800	VIASA 943	WKG MANAUS	GCH-WV
8861.0	U	0251	AEROFLOT 351	WKG DAKAR	POC-NH
8861.0	U	0500	AIR FRANCE 095	WKG RECIFE	GCH-WV
8861.0	U	0602	ALITALIA 1578	WKG SALVADOR	GCH-WV
8861.0	U	2345	CUBANA 490	WKG SCL	GCH-WV
8861.0	U	0525	PARAGUAYAN 805	WKG DAKAR	GCH-WV
8861.0	U	0537	SPEEDBIRD 229	WKG JOHANNESBURG	GCH-WV
8861.0	U	0253	VARIG 711	WKG CANARIAS	POC-NH
8867.0	U	0533	CANADIAN 22	WKG NADI	GCH-WV
8867.0	U	0537	DANTAS 44	WKG SYDNEY	GCH-WV
8891.0	U	2344	KLM 868	WKG CAMBRIDGE BAY	GCH-WV
8903.0	U	2242	CALYDONIAN 306	WKG KINSHASA	GCH-WV
8921.0	U	0415	SPEEDBIRD 282	CLG LONDON	GCH-WV
8933.0	U	0151	SPRINGBOK 272	WKG JOHANNESBURG	GCH-WV
8961.0	U	2245	BRASILIAN AF 2455	WKG DAKAR	POC-NH
8989.0	U	1458	MAC 467	WKG MACDILL	BB -NH
8989.0	U	1737	SAM 26000	CLG LORING AFB	BB -NH
8989.0	U	1931	SAM 60202	CLG LORING	BB -NH
8993.0	U	1421	MAVD 89	WKG FORMAT VIA MACDILL	MDC-NY
11239.0	U	2331	MAC 60171	WKG MCCLELLAN	BB -NH
11246.0	U	1825	MAC 50267	WKG MACDILL	BB -NH
11249.0	U	0450	SAM 970	P/P ANDREWS	PK -IL
11301.0	U	0413	AC 4420	WKG CAIRO	BB -NH
11306.0	U	1944	AMERICAN 898	WKG RADIO ENROUITE	BB -NH
11306.0	U	2306	EASTERN 021	WKG LIMA	GCH-WV
11306.0	U	1421	EASTERN 902	WKG PANAMA	GCH-WV
15015.0	U	1910	MAC 12471	WKG ALBROOK	BB -NH
15024.0	G	1605	RPNDX	WKG COL	GCH-WV

TACTICAL

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2182.0	U	1335	44315	WKG NEWBURYPORT	BB -NH
4035.0	U	0145	ALPHA TANGO 4	TFC	AJ -TN
4280.0	U	0901	BLUE 31	CLG BLUE 41	BW -NE
4280.0	U	0807	PINK 31	CLG ANT 21	BW -NE
4710.0	U	0910	PORT REESE	WKG X4B	BB -NH
5272.1	U	0036	Z9M	WKG M9K	MDC-NY
5676.0	U	2250	DMAHA 95	WKG NEW ORLEANS	ES -SC
5703.0	U	0010	FIRESIDE 3	SIGNAL CHECK BALE 22	RJ1-NJ
6705.0	U	0248	TRITON 08	WKG EDMUNTON CANMIL	BB -NH
6714.0	U	1615	KING 46	WKG JACK	BB -NH
6720.0	U	0328	SDN	R/C WITH BOA	RJ1-NJ
6738.0	U	0252	ARCHITECT	WKG ASCOT 3341	BB -NH
6750.0	U	0519	DILLY 33	WKG CROUGHTON	BW -NE
6756.0	U	0021	ANDREWS BRAVO	WKG ANDREWS	BW -NE
6756.0	U	1650	ANDY	WKG AIR FORCE 2	BW -NH
6812.0	U	1424	ANDY	WKG SAM 200	BB -NH
6826.0	U	1455	PORT CITY 99	WKG ATRITION	BB -NH
6944.0	U	1208	INVOKE	FOXTROT BCST	MH -PA
8196.4	U	1515	PORPOISE	WKG TAMAROA	BB -NH
8465.1	U	0230	SIERRA YANK. NOV. 2	REPEATED BY YL	RF -CA
8777.7	U	0015	O6R	TEST COUNT	MDC-NY
8777.7	U	0030	USF	WKG Q8H	MDC-NY
8808.0	U	0033	PAPA PAPA ROMEO	TFC	AJ -TN
8989.0	U	0131	GOLD EAGLE	P/P BEAVER	BW -NE
8989.0	U	0021	KING 93	WKG P/P RESCUE OPS	BB -NH
8989.0	U	1948	MACDILL	WKG BARROW	BB -NH
9023.0	U	0114	ANDY	WKG SAM 970	BB -NH
9023.0	U	0056	LIONHUNT	WKG RADIATION	BB -NH
9023.0	U	1731	TAXI 44	WKG ATLANTIC CITY CONTROL	BB -NH
9320.0	U	0614	SHOE LACE	WKG MCCLELLAN	BW -NE
11035.0	U	0003	AIR FORCE 1	WKG ANDREWS	BB -NH
11118.0	U	1443	FIRE BRAT	WKG GUARD POST	BB -NH
11176.0	U	2312	BULL 01	WKG ALBROOK	BB -NH
11180.0	U	1625	MOLECULE	WKG REVILLE	BB -NH
11180.0	U	0103	SELLOUT	CLG WAR 46	BB -NH
11239.0	U	1553	RESCUE ONE	P/P MCCLELLAN	BW -NE
11267.0	U	1338	C5G	WKG Y3W	MDC-NY
11288.0	U	1500	BONNU SUE	WKG DMAHA 09	BB -NH
11288.0	U	1745	SHARK 905	WKG SLINGSHOT	BB -NH
11289.0	U	1551	SR	WKG SLINGSHOT	RGR-DM
11289.0	U	1606	SHORT TIME 05	WKG SLINGSHOT	PK -IL
11300.0	U	2246	MIKE INDIA 712	WKG NAIROBI	PK -IL
13247.0	U	1607	HEAD DANCER	WKG CROUGHTON	GCH-WV
13306.0	U	1647	GREEN 31	WKG NY	BB -NH
15036.0	U	1610	HEAD DANCER	WKG CROUGHTON	BW -NE
18666.0	U	1819	ATLAS	WKG SUNDANCE 825	BB -NH

QSLs

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
	HAWAIIAN 838		AIRCRAFT	PFC MS 16D	5616.0	POC-NH
	ME 28A	CAP	CALIFORNIA	PFC MS 291D	4385.0	POC-NH
	NATIONAIR 71		AIRCRAFT	PFC MS 21D	8825.0	POC-NH
	NIGERIA 853		AIRCRAFT	PFC/PHOTO NOPOST 30D	5598.0	POC-NH
AUST	ZKLF	METEO	WELLINGTON	LETTER \$1US 23D	13550.1	HHM-TX
CAN	F 8		VICTORIAVILLE, QUE	PFC MS 21D CAN.MS	384.0	HH -ND
CAN	L	NDR	TORONTO	PFC MS 21D	368.0	POC-NH
CYPR	5BA	MARCO	NICOSIA	LETTER MS 19D	8737.5	SG -NA

EGPT SUH	MARCO	ALEXANDRIA	PFC MS 116D	16912.0	POC-NH
ENG KKH 50	EMBASY	LONDON	PFC/LETTER MS 11D	5246.0	MH -PA
FIJI SDP	SUVA		CARD MS 22D	8690.0	SG -MA
FRAN FUE	NAVRAD	BREST	LETTER IRC 11D	444.0	PAC-UK
FRAN ZR	NDR	BEZIERIS	PFC IRC 18D	515.1	PAC-UK
GIBR GYU	NAVRAD	GIBRALTAR	REFUSAL LTR NPOST 33D	4221.2	ES -MA
HOLL PCH	MARCO	SCHEVENINGEN	CARD IRC 15D	2182.0	PAC-UK
HONG VPS	MARCO	VICTORIA ISLE	LETTER MS 18D	13020.4	SG -MA
INDO PKK	MARCO	JAKARTA	PFC IRC 52D	16861.7	ES -MA
ITLY IRM	MARCO	CIRM	CARD IRC 41D	8685.0	ES -MA
JPAN JNA	MARCO	TOKYO	CARD IRC 13D	16911.2	ES -MA
JPAN JOS	MARCO	NAGASAKI	LETTER 21RC 15D	13069.5	ES -MA
MART FUF	NAVRAD	FT DE FRANCE	CARD IRC 21D	22390.0	ES -MA
NDR L6Z	MARCO	FARSUND	PFC IRC 14D	500.0	PAC-UK
NZEL ZLD	NAVRAD	WAIDURU	LETTER 21RC 39D	12943.0	ES -MA
PANA HPP	MARCO	PANAMAINTELMA	CARD IRC 28D	8589.0	ES -MA
PHIL DZJ	MARCO	BULACAN	PFC IRC 20D	16870.5	PAC-UK
PHIL DZJ	MARCO	BULACAN	PFC MS 21D	16870.5	POC-NH
PORT CUL	MARCO	LISBON	CARD IRC 50D	8469.0	ES -MA
SDAF ZSD	MARCO	DURBAN	PFC MS 21D	13073.0	POC-NH
SPAN EBC	NAVRAD	CADIZ	LETTER MS 32D	12010.0	SG -MA
SUR P7M	MARCO	PARAMARIBO	CARD 11US 27D	13046.0	HMH-TX
SURI PZN 4	MARCO	PARAMARIBO	CARD IRC 47D	13046.0	ES -MA
TWN BSF	SFTS	TAIPEI	CARD MS 22D	15000.0	SG -MA
TURK AJO	USAF	ADANA	LETTER MS 36D	11176.0	MDC-NY
USA IZN	NDB	LINCOLNTON, NC	LETTER 10D MS	452.0	HH -ND
USA KOP 335	CAP	NEVADA	PFC MS 291D	4585.0	POC-NH
USA NMY 42	USCG	EAST MORICHES	PFC MS 7D	2182.0	POC-NH
USA WLD	MARCO	MOBILE	CARD MS 36D	8473.5	SG -MA
USA WLD	MARCO	MOBILE	CARD MS 13D	13083.6	HMH-TX
USA WNU 35	MARCO	PEARL RIVER	CARD MS 65D	16861.7	ES -MA

CONTRIBUTORS

NAME	INI-ST	RECEIVER	# LOGS
	TRH-MD		2
	ES -SC		2
ALEXANDER, RODNEY	RMA-IA	R 70	15
ALPERT, DAVID R.	DRA-NY	R 71A SPR 4	2
BATTLES, BILL	BB -NH	R71 R70 DX400	44
BERRI, JASON E.	JEB-CA	R 2000 RF 2900	7
CHINSKY, MARK	MDC-NY	ICF 5900W	6
CONWAY, PETER A.	PAC-UK	TS 930S DX400	20
COOK, FRANK B.	FBC-WA		2
DELBONO, NICHOLAS	ND -FR		23
FINKLE, PHIL	PF -CA	TS9405 TR 7A	44
GEORGE, STEVE	SG -MA		25
GERSTNER, JOHN	JG -NY	DX 1000	10
HALSTEAD, GARIE	GCH-WV	R 4R ICF 2001	39
HARDESTER, MIKE	MH -PA	R 1000/FRE 7000	15
HARDY, LE ROY S.	LSH-CA	R 70	23
HAKTIAS, HUGH H.	HMH-TX	R71A	12
HOLBROOK, HANK	HH -ND	RBL 2 RBL 4	1
JOHNSON, ROBERT	RJJ-NJ	NRD 525	16
JONES, ANTHONY	AJ -TN	CR2021	5
JONES, BRIAN	BJ -TX	R 70	8
KERRIGAN, PATRICK	PK -IL		9
KLINGENFUSS, JOERG	JK -FB	R 7	2
KNAPP, JEFF	JAK-DH	R 2000	16
O'CONNOR, PATRICK	POC-NH	IC R71A DX 302	39
QUAGLIERI, AL	AQ -NY	SP 600	8
ROBERTS, KEN	KR -FL	IC R71 A	41
ROCKER, RAYMOND	RR -MS	FT 75761	7
ROSS, ROBERT S.	RSR-DN	FR 1015/TS 4305	7
SOMMRE, ED	ES -WA		34
STEIN, RICKY	RDS-NJ	FRE 7000/7700	5
SZALONY NC&W, LEONARD	LS -CA	TS 930S R 71A	8
THOMPSON, GLENN	BLT-NM	R 71A	44
WARD, BARRY	WT -NE	R 71A CR 2021	11

WE HAVE A FULL HOUSE THIS MONTH! Welcome one and all. Not much room left, so.....

JOERG KLINGENFUSS has released the 6th edition of the GUIDE TO UTILITY STATIONS (which includes the 14th edition of the GUIDE TO RADIOTELETYPE STATIONS), and the 10th edition of the RADIOTELETYPE MANUAL. The GUIDE, as I've mentioned before, is a work that can be counted upon for very accurate information, for it is made from actual listening done over an exact monitoring schedule that covers all SW frequencies at all times during a four-month turn. Then, the call signs are verified by computer cross-check against the International Frequency List. This is the best reference for the Ute DXer available. The accompanying RADIOTELETYPE MANUAL includes technical descriptions of modes such as packet, MFSK, and the various ARQ/FEC/SITOR variations. Comprehensive translation tables between English and other languages such as Arabic, Cyrillic, Japanese, and Hebrew are presented in an easy-to-use format. Contact your favorite shortwave supply house for price and availability.

STATION 7TF is causing some confusion. Several of us have received the station, and everyone who submitted a log put forth the idea that 7TF is an Algerian station. None of my sources can confirm that fact, so none of the logs made it in the listings. Has anyone got a confirmation of the origin of 7TF, preferably via the ITU? If so, please let me know ASAP. Thanks.

That's all the room I have this month. Happy Holidays! *TB's*

SPEEDX SPOTLIGHTS:

DECEMBER 1987

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER
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TOTAL CONTRIBUTORS: 74

1 ALEXANDER, RODNEY	IA IC-R7#	1 KOLB, NEAL	IL NR0525
1 ALPERT, DAVID	NY IC-R71A	2 LEMKE, RICHARD	AB IC-R71A
1 ATKINS, BARY	GA R39#	1 MARSHALL, PHILLIP	BA
1 BATTLES, BILL	NH IC-R71A	3 MILLER, WILLIAM	CA DX4#
2 BERRI, JASON	CA R20#	1 MORIN, KATHY	ON RF310#
2 BLAIR, ARTHUR	CA NR0515	1 MCCANTS, DON	AL RF22#
3 BROWN, EDWARD	IL ICF600#	1 NEUMUNSTER, FRED	FB NR0523#
2 BUNDY, BOB	NY SPR4	1 O'CONNOR, PATRICK	NH IC-R71A
2 CHINSKY, MARK	NY ICF590#	1 POSUE, JIM	TN R20#
1 CONWAY, PETER	UK T939#	3 PRATH, JOHN	FL IC-R71A
1 COOK, FRANK	WA	3 QUASLIERI, AL	NY SP6#
1 DELAUNOV, NICHOLAS	FR	4 RADTKE, CARL	CA SPR4
1 DEMHITT, JOHN	PA HOMEBREW	1 RATLIFF, HUB	TX
1 DILLON, PETER	UK DX4#	1 ROBERTS, KEN	FL IC-R71A
1 ESTES, WILLIAM	MS NR0515	3 ROBINSON, BETSY	TN IC-R71A
1 EVANS, JAMES	TN R20#	1 ROCKER, RAYMOND	MS FT757#
5 FANULARO, RALPH	JP ICF600#	4 ROSS, ROBERT	ON ICF2#
1 FINKLE, PHIL	CA T94#	1 RUBSELL, RICHARD	AL IC-R71A
1 FRASER, BOB	MA XCR3#	1 SAMPSON, DANIEL	WI R10#
1 GEORGE, STEVE	MA R20#	1 SANDERSON, JACK	AZ R20#
1 GURLEY, TED	TX R6#	1 SCHULSINGER, MICHAEL	OH FR07
2 HALSTEAD, GARIE	WV R4#	2 SHARPE, BRYAN	CA DX3#
3 HARDESTER, MIKE	PA IC-R7#	1 SHREEDHAR, R.	II ICF600#
1 HARDY, LEROY	CA IC-R7#	1 SMITH, TRAYER	CA NR0505
2 HAVRILKO, VINCENT	UK IC-R7#	2 SOOIRE, ED	MA R20#
2 HAWKINS, HUGH	TX IC-R71A	1 STEIN, RICKEY	NJ FR070#
1 HICKMAN, TIM	MD R50#	1 SZALONY, LEONARD	CA TS93#
1 HILL, KENNETH	MA NR0525	1 THOMPSON, SLENN	NH IC-R71A
2 HOLBROOK, HANK	MD RBL4	2 TRESCHER, FRED	PA FR077#
3 HUFFAKER, CARL	MX HOMEBREW	3 VALENTINE, F.A.	CA IC-R7#
2 HUGHES, MARK	FL	3 VAN HORN, GAYLE	FL R50#
1 JANUSZ, EDWARD	NJ ICF2#	1 WAKEFIELD, PAUL	IA ICF2#
1 JOHNSON, ROBERT	NJ NR0525	1 WARD, BARRY	NE IC-R71A
1 JONES, ANTHONY	TN CR20#	1 WEBER, DONALD	OH R20#
1 JONES, BRIAN	TX IC-R7#	5 WESTENHAVER, WILLIAM	PO ICF600#
1 JONES, JACK	MS R6#	1 WRIGHT, PHILIP	MD DX4#
4 KLINE, JAMES	CA FR080#	1 ZIRKELBACH, BOB	CA R10#

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
NA/SA/AFRICA/DAVID JONES ONTRIB. LIST

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
IX MONTAGE/LA

Hi gang! Once again this month we are a bit short on contributors. As of press time, I had not received David Jones' CDE list. Hopefully it will be here for next months list!

We do have 7 new FULL MEMBERS though this month...and here they are!

ESTES, WILLIAM.....MS	RIPPEL, R. CHARLES.....VA
HARDY, LEROY.....CA	RYAN, TERRY.....NY
JONES, ANTHONY.....TN	UERLINGS, JAMES.....OR
LAVES, ALAN.....TX	

Thanks for your contributions to SPEEDX. We look forward to many many more!!!

And welcome to the following new and returning members of SPEEDX...

BATTLES, BILL.....NH	HUGHES, MARK.....FL
BUNDY, BOB.....NY	NEUMUNSTER, FRED.....FG
COOK, FRANK.....WA	RATLIFF, HUB.....TX

You've gotten your first contributions in SPEEDX and we hope you're inspired! Keep up the good work, since YOU are the ones that make SPEEDX what it is...THE BEST DX CLUB AROUND!

That's it for now...see you again next month....my best 73

John

SPEEDX

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