

# SPEEDX

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**The DX Radio Magazine for Active SWLs**



# KEYNOTES

Tom Kephart, 1510-E Portabella Trail, Mt. Pleasant, MI 48858

- Magazine News
- Board of Directors News
- Hobby Calendar
- Letters From Members
- Want Ads
- Last-Minute Information

## SOMETHING LOOKS DIFFERENT

**DEPT.** We're working to make SPEEDX better than ever! Your suggestions have already been rolling in to my mailbox, and I'm quickly getting an idea just what you want from the magazine and the club in the coming months.

- "SPEEDX Spotlights" has moved to the back of the magazine, and has been merged with "Contributors List". **John Trautschold** will edit the combined column. John handles all of the Full Member data as Membership Chairman, so this should make this column more useful and informative. He's working on ways to recognize first-time and especially active contributors in the column as well, so keep contributing and looking for your name in "Spotlights".

- Due to a lack of interest in the column, "Japan Report" has been cancelled. **Ralph Famularo**, who edited the column for over two years, did a great job, but the column never seemed to catch on. With every page being extra valuable right now, I determined that it could better be used elsewhere: A big "thanks" to Ralph for his efforts, and I hope to get him back on the staff again in the future.

- "Up Front" has been renamed "Keynotes", in honor of several gentlemen who edited the headquarters page in the past under that name, especially **Don Johnson** and the late **Oliver Ellsworth**. Several of you have mentioned that you'd like SPEEDX to be a bit less "professional" sometimes, and a bit more friendly. I agree...and would like to take the first step towards making the club and the magazine more open and fun by inviting you to write to me in care of this new/old column!

- Several other ideas have been forwarded to me and are under consideration, including a new USSR-only column and a simplification of the abbreviations in the magazine. Also, I'm pleased to announce that the club's membership decline has slowed

significantly! If DX conditions continue to improve and **David Sharp's** publicity efforts continue to attract new folks the way they have been, we should be able to at least hold steady for awhile, and perhaps even begin seeing a net increase in membership. Thanks for sticking with us, gang... I think you'll be glad you did!

**STAFF ANNIVERSARY** Just one this month... **Jack Jones**, who will be ending his twelve year(!) term as Awards Chairman on June 30. Thanks, Jack, for some great years and a great program. The BOD will hold off naming a new Awards Chairman for a few months while the program is evaluated and updated...look for more details later this fall.

**FIFTEEN YEARS AGO...** June 1972: SPEEDX Full Membership stood at 85...Radio Bangladesh finally heard on the west coast by Don Johnson (15520 KHz at 0230 GMT)...Radio Liban in Lebanon moved to 11955 from 9545 for the summer, English was scheduled for 0230-0300 GMT, according to **Bob Butterfield's** "Station Skeds" column... "QSL Section", edited by **Chris Lobdell**, noted a full data card from Deutsche Welle...ah, the good old days!

**AND NOW A WORD FROM YOU** Thanks to all of you who've sent comments, either direct to me or on the back of your renewal forms. Here are a few recent comments from the renewal forms: "**Carl Huffaker**...is an editor that knows what he is talking about [and] presents it well"... "SPEEDX is the best of clubs (bar none)"... "We can ill afford to continue the traditional rivalry between 'DXer' and 'SWLer'"... "I do feel the club is the BEST ever [but] it seems that a lot of people are treating the 'hobby' as an 'occupation'".

I'm out of room! See ya next month. *TKM*

# ANARCON

**Communications • Yesterday, Today & Tomorrow**  
**July 17-19, 1987. Mississauga, Canada**

The 1987 annual convention of the Association of North American Radio Clubs will be held in Mississauga, Ontario, Canada, from Thursday evening, July 16 through Sunday, July 19.

**LOCATION:** Novotel Hotel, in the heart of Mississauga, a city of over 250,000 people located adjacent to Toronto.

**COSTS:** Hotel room rates Cdn.\$62.00/US\$47.00 per night, single or double occupancy. Convention registration fee Cdn.\$25.00/US\$19.00 for the full convention.

Saturday banquet is an additional Cdn.\$25.00/US\$19.00.

**REGISTRATION:** Forms and info available from the following address. Include 2 stamps (Cdn or US) to cover mailing costs

ANARCON '87  
P.O. Box 232, Station "Z"  
Toronto, Ontario M5N 2Z4  
CANADA

**DEADLINE:** For hotel reservation and banquet ticket: June 26.

## CONVENTION PROGRAM

Thursday, July 16

Friday, July 17

8:30-11pm Early Bird reception hosted by Ontario DX Assn.  
8am-9pm Registration of attendees  
9am-11am ANARC Club Representatives meeting  
9:30-11am Recording of RCI Mailbag  
10am-5pm Exhibits of equipment publications, clubs, b/c'ers  
11am-1pm Lunch break  
1pm-2pm Vintage Radio Collecting seminar by Sid Prior  
2pm-3pm RTTY/fascimile demo by Fred Osterman  
3pm-5pm International Broadcasters' Forum: attendees are invited to question a panel of broadcasters  
5pm-7pm Dinner break  
7pm-11pm ANARCON '87 Welcoming/Reception, Special presentation "50 Years of DX'ing" by Tom Williamson

Saturday, July 18

8am-5pm Registration of attendees  
9am-5pm Exhibits  
9-10am 1)Intro to the Radio Listening Hobby - by Michigan Area Radio Enthusiasts-MARE  
2)Longwave seminar- by Herb Balfour  
10-11:30am ANARC Club Forum: spokesmen present their clubs  
11:30am-1:30pm Lunch break  
12:30-1:30pm Recording of RCI SWL Digest Forum  
1:30-2:30pm 1)Intro to the Radio Listening Hobby - by Canadian International DX Club - CIDX  
2)Propagation seminar - David Clark/Cedric Marshall  
2:30-4pm Equipment forum: company representatives & technical experts answer your questions about equipment  
4-5:30pm Antenna Design and Construction - Tony Ward  
5:30-7pm Free time  
7-10:30pm Banquet: Guest speaker is Bob Grove of Monitoring Times and Grove Enterprises.

Sunday, July 19

8-11am Registration  
8-11 am Exhibits  
8:30am Complimentary brunch  
9-10am Mediumwave DX'ing: Techniques/Equipment Seminar, with representatives of ODXA, CIDX, NRC and IRCA.  
10-11am World Radio TV Handbook Quiz, conducted by Andy Sennitt  
11-11:30am Convention closing ceremonies  
2-9pm Tour and dinner away from hotel

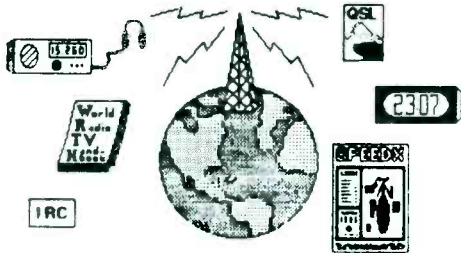
**SPOUSES PROGRAM :** A special program is being planned for spouses and families of Convention attendees. Activities planned thus far include:

Friday, July 17 morning shopping at Square One Mall, located across the street from the Convention  
afternoon at the hotel: exhibits of crafts for sale, plus make-up demonstrations.

Saturday, July 18 Bus trip to Shaw Festival at Niagara-On-Lake for lunch and live theatre.



ANARCON



# DX Montage

The Feature Pages of SPEEDX

ooo

David Sharp  
 3024 Gates Drive, Apt. 358  
 Tampa, FL 33613

JUNE, 1987

Some changes and misc. news before we get into the column. First, SPEEDX Spotlights will now be edited by the capable John Trautschold, SPEEDX Membership Chairman. The decision was made after completing last month's column, so I regret not being able to tell you earlier. It was thought all membership information should be handled/edited by one person, and I think it's a good move. Another change is that DXM is getting extra pages, because of your fantastic support. For the time being, DXM will be six pages (five pages in July/August), so help me fill 'em! Hopefully, with John concentrating on Spotlights, I can work a bit harder on DXM, and maybe even have a few new features. I'm always interested in ways to improve the column and better serve the membership, SO LET'S GET YOUR INPUT! On with our news for this month...

It's BOD Election Time Again! This year, three seats are available on the BOD (Tom Kephart and David Sharp have two more years in their terms). Nominees for this election must be full members, and no seconding of nominations is required. Nominations are due at Tucson headquarters no later than midnight on June 15, 1987...so hurry and nominate yourself or a friend ASAP. One of the big "perks" of serving on the BOD (or any other staff position, for that matter) is receiving a free SPEEDX sub, and of course you'll have an important voice in the club as we head into the 1990's! Send those nominations now, to: 7738 East Hampton Street, Tucson, AZ 85715.....and GOOD LUCK!

Station Profile: Red Cross Broadcasting Service: The International Committee of the Red Cross began broadcasting in May, 1945. In Europe, many ex-prisoners of war were waiting to be taken back to their homes, and they wanted their families to know they were alive. However, normal communications had broken down. Until the end of the 1940's, lists of POW's and displaced civilians were broadcast by the ICRC from the studios of Radio-Geneve, and were heard by listeners in parts of Europe. In the first 3 1/2 years of operation, more than 600,000 names were broadcast.

The ICRC realized the usefulness of radio for rapid communications in times of crisis. The 1948 International Broadcasting Conference in Mexico City granted the ICRC its own frequency. Test transmissions began in 1951, with the object of finding out whether listeners in different parts of the world could hear the broadcast. These continued sporadically until 1965, when the ICRC installed its own studio at its Geneva headquarters and formed the Red Cross Broadcasting Service. Broadcasts became more regular, and in 1978 the Swiss PTT gave permission for the ICRC to broadcast once a month omnidirectionally in English, French, German, Spanish and Arabic. Today, RCBS broadcasts twice a month on 7210 kHz in English, French, German and Spanish. Directionally-beamed broadcasts in additional languages are also produced for Africa, Asia, Latin America, and the Middle East.

The RCBS staff consists of one producer and a studio technician, but also relies on the services of other ICRC staff and professional journalists. The programs are broadcast from the Swiss PTT's transmitters at Schwarzenburg (directional) and Beromünster (omnidirectional): facilities are placed at the ICRC's disposal free of charge by the PTT and Swiss Radio International. Reception reports are answered by QSL card.

The aim of the programs is to inform the public of the activities of the Red Cross, whether it be the ICRC, whose primary task is to protect and assist victims of conflict, the League of the Red Cross and Red Crescent societies, which coordinates relief to victims of natural disasters, or the national Red Cross and Red Crescent Societies, whose role as auxiliaries to their governments covers relief, medical aid and social welfare. Presentations include news, interviews, and answering of listeners' questions. [Received from the Red Cross Broadcasting Service, and contributed by James Kline-CA. Make sure and keep your eyes on Ralph Bowden's "Station Skeds" and Daniel Sampson's "SWBC Europe" columns for periodic frequency and schedule information from the RCBS. ds.]

South Koreans Arrested For Listening To P'yang: South Korean police arrested 3 former college students on suspicion of listening to North Korean radio broadcasts in violation of the National Security Law. They are Han Sung-mun, 24, a Seoul National Univ. expellee; Ha Yon-su, 25, a former sophomore at Hanshin University, and Miss Pae Mun-jong, 22, another SNU expellee. Han listened to North Korea's anti-Seoul propaganda broadcasts at his rented room in Sadang-dong, Tongjak-gu, around July last year, police said.

Together with Ha and Miss Pae, he conducted seminars at his room from last December using 19 blacklisted books as text books. He distributed 630 of the 900 leaflets he made from the broadcasts to Seoul National, Korea, Yonsei and other schools in Seoul. Police confiscated from them a total 320 items as evidence. They included two Japanese-made tape recorders, 13 tape recordings of North Korean broadcasts, and 19 blacklisted books and leaflets. [From Joe O'Brien-South Korea, and the Korea Herald. Interesting to note that in the original article, the writer referred to "north" Korea. ds.]

Hamvention Report 1987, by: Michael Schulsinger: This year's Dayton (Ohio) Hamvention was another winner, with over 25,000 paid admissions. After a little rain on Friday, the skies cleared for the remainder of the warm-but-not-hot weekend.

Each year one booth seems to stand out in my mind. The strange booth for 1987 belonged to the Department of State, which was seeking embassy security specialists. I wonder why? At the Federal Communications Commission forum, senior FCC officials reported that the recent broadcast obscenity ruling applied to other licensees, not just to broadcasters. (Are cellular telephones affected?) [Let's hope not. If they are, the FCC might just decide to regulate typical "cordless" phone broadcasts, too! Hil ds]

The annual Sunday morning SWL forum, hosted by Brad Lovett, drew over ninety attendees. Fred Osterman spoke on the latest tools for facsimile reception, and Bob Grove answered questions on shortwave fundamentals, satellite reception, the Air Force Mystic Star network, and his choices for the best readily available receivers on the market. One attendee suggested an SWL reception in 1988, in addition to the Sunday forum. Such unofficial activities are often scheduled for Friday evening at the hamvention.

The flea market was heavy on computer equipment, with many, many IBM clone systems being offered at mail order prices. R-390's were still present, starting at around \$125. And packet radio equipment continues to be a growth industry.

One unfortunate aspect of the 1987 Hamvention was a batch of forged admission tickets. The Dayton Amateur Radio Association lost a little money before the forgeries were discovered, but an unspecified number of attendees had to buy a second admission ticket when their original turned out to be bogus. I mention this incident because it can happen at any convention where tickets can be obtained in advance; let both ticket buyers and convention organizers beware!

The 1988 Hamvention is tentatively scheduled for April 29th through May 1st, and I would encourage any SWL who can attend to do so. (As a post-script, Mike adds that after almost 10 years of service, he's retired his FRG-7 in favor of a Kenwood R-5000, so congrats on a new rcvr! Thanks also to Mike for the Hamvention report; I believe he's sent a report to DXM for the four years I've edited the column...ds)

Conclusion: A Review of the R-5000, by: Don Moman: The R-5000 will accept a variety of voltages- 120, 220, or 240 volts. These are selected by rotating a selector switch on the rear panel. 12 volt DC operation is possible with the DCK-2 option. Current draw is about 1.4 amps, just slightly more than the R-71.

Options include an integral VHF converter (\$289) that covers 108-174 MHz, an IF-232C interface (\$99) for computer control using a standard RS-232C input, an IC-10 interface kit designed to mount internally and provide level translation for the IF-232C option, and a VS-1 voice synthesizer unit for \$75. All filters are \$115 each. Other than some of the filters, I haven't tested any other of the options. One should note that for the price of the VHF converter, one could purchase a separate scanner that would have wider coverage and not interfere with anything. Agreeably, the R-5000 converter offers SSB reception on 2 meters, primarily of interest to hams who use SSB for long haul terrestrial contacts as well as working the various amateur satellites.

Performance Results: the first thing one notices about the R-5000 is that the darn thing beeps at you when you press many of the buttons. It even announces the first letter of the mode you've just selected-- in CW, of all things! Thanks but no thanks. I don't appreciate having the thing beep back all the time. Hopefully there is a switch somewhere to turn that function off or at least reduce the volume.

Test and actual listening comparisons between the R-5000 and R-71 showed that both have excellent RF characteristics, and there is little audible difference. On SW frequencies, my version of the MDS test (using the ear to detect the minimum signal input [AM 30% mod] that I could still detect a 400 to 1000 hz modulation change) showed it could detect signals around the .06 uv level, very comparable to the R-71. On MW, the usual 20 dB attenuator is hard-wired into the input so sensitivity is less than optimum for the serious MW DXer. Not having a schematic, I haven't found the way to bypass it yet! Again, actual tests showed the R-5000 was a good MW receiver but couldn't quite keep up to the R-71 (modified for bet-

ter MW sensitivity by removing the built-in attenuator and allowing the preamp to function on the really weak signals. However, when modified, the R-5000 should have a slight edge in sensitivity. Sensitivity on longwave is reduced by only 10 dB, giving very good results on some of the European longwave signals sometimes receivable here. A separate 500 kHz low pass filter is provided for LW, thus reducing potentially overloading MW signals before they reach the mixer. The longwave band was generally free from MW overload: only 1 strong combination of locals produced quite a strong signal on 190 kHz; on the R-71 the same product is hardly detectable, thanks to its slightly better dynamic range.

Dynamic range or lack thereof, can make sensitivity work against you. Using rough measurements, the R-5000 was measured to have about a 99 dB dynamic range (50 kHz spacing, at center of MW band). In the same test the R-71 showed 104 dB, and the ICF 2010 was 86 dB. The bigger the number, the better. These numbers are not "absolutes" and are not intended to be quoted as such, or compared to what the manufacturers or other reviewers state. However, they do show that the R-71

has a slight edge in this very important category. Selectivity on the R-5000 is provided by crystal filters at the 8.83 Mhz second IF, the shape factor of the stock 6 kHz AM filter is rather dismal, being 6 kHz wide at -6 dB, but 24 kHz at -60 dB! Needless to say, the optional YK-88A-1 filter is highly recommended. It has the same width at -6 dB but the -60 dB skirts are improved to a measured 10.2 kHz. the supplied SSB filter is much better giving values of 2.5 kHz and 4.9 kHz at -6/-60 dB. These figures are good but less than measured in the R-71 which uses cascaded filters at 9 Mhz and 455 kHz, as standard. The comparable bandwidth in the R-71 measured 2.4 kHz at -6 but only 3.1 kHz at -60 dB. I did install the 270 Hz CW filter, which seemed to perform well, but I could still hear a significant amount signal leakage around it. After-market filters are available from firms such as International Radio; although not tested personally, they should offer better shape factors than the factory filters. The selectivity switching is well designed, allowing any filter in any mode to be selected manually, or in <AUTO> the

SPEEDX POLL: Do you personally feel the South Korean Government had a right to arrest the three college students for listening to broadcasts from North Korea? Respond by the 12th of the month, at which time we'll give the results. All who participate will get a membership credit; you may remain anonymous if you wish. We'll have another question for your consideration next month.....

best filter for that mode will be engaged.

With the antenna disconnected, very few spurious signals could be noted. Weak harmonics could be heard every 500 kHz, from 9 MHz up to about 15 MHz, except for the multiples of 9 MHz, at 18 and 27 MHz. Other than a weak signal at the 8830 kHz 1F, which didn't move the S-meter, the R-5000 has a very clean and birdie-free tuning range.

The R-5000 has the usual built-in, top facing speaker which provides decent sound. As to be expected, an external speaker would be an improvement. The front panel tape output is a standard high level signal, designed to work into the "line" or "aux" input on a tape recorder or stereo amplifier. If your cassette only has a "MIC" level input, you'll need to purchase or build an attenuating patch cord.

Overall, the R-5000 is a high quality receiver that offers a good combination of features and performance at a competitive price. In Canada, the list price is in the \$1200 range. While slightly inferior to the R-71 in some areas, in actual listening there isn't much difference. To choose between the two, you have to decide which features are most important to you. Some of these features are implemented very well...others could be done better. Now, where's that switch to turn off that blasted beeper? .....[Kudos to Don Mo-man for an excellent review. FB, OM! ds]

New Programs and a Broader Aim at Radio Free Europe/R. Liberty: When Houston chemist Arnold Lockshin defected to Moscow, broadcasters at Radio Free Europe and radio Liberty reported it without editorial comment. Simple objectivity? Yes. But not long ago, the stations would have treated a rare west-to-east defector with ill-disguised contempt and made dire predictions about his future. The voice of the two U.S.-backed stations is changing. Their once strident anti-Communism is now modulating as they aim for a new generation of listeners in the Soviet Bloc.

Not that the Munich-based stations-- which face heavy Soviet jamming-- have gone soft on the Kremlin. But now, managers with strong news backgrounds are convinced that success depends on reshaping RFE and RL into unbiased sources of information rather than overt propaganda outlets. To that end, RFE has dropped the pejorative term "so-called" and simply calls East-bloc legislatures "parliaments." During the Iceland summit, it gave equal attention to Soviet as well as U.S. arms proposals.

If it works, the new strategy could expand RFE's audience of 39 million in Eastern Europe and RL's 16 million in the Soviet Union. That will not be easy. Both stations are hurt by internal squabbling. They operate under one of the tightest budgets since they were set up by the CIA in the early 1950's. though no longer run by the CIA, the stations confront daily Soviet charges linking them to the agency. yet their performance is improving despite the obstacles. Evenhanded coverage of the Chernobyl nuclear disaster was widely pra-

ised. For days after the April 26 explosion (while Communist outlets refused to even acknowledge it) East-bloc listeners got news of radiation hazards from RFE/RL as well as the BBC and VOA.

RFE is also capitalizing on direct-dial telephones that allow callers in Hungary, Bulgaria and Czechoslovakia to leave messages. More than 44,000 persons have called in, & the station has added a mailbag program. Some of the changes were under way before Gene Pell moved in as RFE/RL president last December. But the former NBC correspondent and VOA director has speeded the move toward professionalism, especially in his choice of senior staff. Just as the new team was settling in, dollar devaluation threatened to close the stations. Congress approved \$18 million in emergency funds last June to keep them on the air. But RFE-RL's \$140 million budget is not large enough to upgrade many of its transmitters, or fill 50 staff vacancies.

Infighting among employee factions is a severe distraction. The Russian-language service includes refugees of the 1917 revolution, post-World War II emigres and a third group, mostly Jewish, which left the U.S.S.R. in the '70s. Many of the earlier arrivals consider the newcomers to be anti-Russian, while Jewish staffers say the old hands are anti-Semitic. In 1973, two years after CIA sponsorship of the stations was publicly confirmed, Congress turned them into an independent, nonprofit corporation. Yet sheer ham-handedness still crops up. Last year, RFE ran a fictional speech that seemed to compare Polish leader Wojciech Jaruzelski with Adolf Hitler. This spring, Radio Liberty aired one-sided reports favorable to Kurt Waldheim in his successful campaign for the Austrian Presidency.

Dismayed at such lapses, Pell specifically repudiated the programs. For all the improvements, the stations still face stiff local competition for fickle audiences, particularly with young people. Pell believes that the only way to win them is to broadcast programming that is compelling and credible. (Via Ronald Marshall-AZ and US News & World Report. ds)

Update On Radio Discovery: [Editor's note: For extensive background information on Radio Discovery, please refer to our interview with Jeff White, in May, 1986 DXM.] Late last summer, it was decided to increase the power of Radio Discovery to around 1 kW. Last September and October, Jeff White left for Santo Domingo with additional equipment, and with the help of their new engineer, Quilvio Vazquez, the power increase was very successful.

After Jeff spent time in Chicago in December, and returned to Florida in January, disaster struck. While the Dominican Power Corporation was installing some new transformers on the roof of the shopping center where Radio Discovery is located, one of the high tension lines accidentally came into contact with a RD transmission line. Besides burning up the transmission line, the high voltage shock also burned out a number of parts in the transmitter, including the final tube (the most important and expensive part in the whole transmitter). A few weeks passed by with Radio Discovery off the air while repairs were being made.

The wait was worth it, however, because Quilvio got the station back on the air in February with new parts, and transmitter output was higher than ever-- at times almost 5 kW. Listener reports have indicated excellent coverage in many parts of the world. However, another major problem has occurred: A few very large power generators in Santo Domingo have had technical problems, and are out of service. Therefore, the energy demand is greater than the supply, and most parts of the city are without power for several hours a day. Radio Discovery is located in Ensanche Naco, a part of the city that doesn't generally have many problems with power outages. But in recent weeks, Naco has been without power for up to 18 hours a day. To make matters worse, the power supply is intermittent-- on for awhile then off for awhile. It is not known how long this problem will continue.

Because of these problems, it is next to impossible to maintain any sort of regular sked for Radio Discovery, but everyone remains hopeful the problems will be ironed out soon. Although it is very much subject to change, Radio Discovery's current sked is daily 2100 to 0000 UTC on 15045 kHz, and 0000 to 0300 UTC on 6245 kHz. Current programming includes a simulcast of Radiotelevision Dominicana, which is entirely in Spanish. That programming includes "Tarde Musical" (Musical Afternoon), Deportivas (Sports), "El Mundo Al Dia" (The World Today), and "Noche Musical" (Musical Night). The rest of RD programming consists of: "This is Santo Domingo," a bi-lingual program of Dominican and Caribbean music, DX news and letters from listeners. All correct reception reports of Radio Discovery (your editor is proud to have verification #002 from the station) are verified with a full data QSL. Send reports to: 332 Corey Avenue, St. Petersburg Beach, FL 33706. [My thanks to Jeff for supplying us with the above info. Hope to be able and drop by your office again, Jeff! ds.]

Peres Has Call-in Show For Arabs: It was not your usual talk show, but with Israeli Foreign Minister Shimon Peres as the telephone host and the Arab world as his call-in audience, how could it have been? "Can you hear me?" the caller said over a scratchy telephone line patched to a Jerusalem studio from somewhere in Jordan. "Yes, we can hear you," the Israeli radio's Arabic broadcaster answered over the airwaves. "I want to ask Mr. Peres why won't Israel negotiate with the Palestine Liberation Organization?" the caller asked. "The question of PLO participation depends very much on the PLO," Peres answered over the Arabic service of the Israeli radio. Thus Peres made history, in the first telephone call-in

news conference ever held by an Israeli leader with an audience in the Arab world. Using a bit of long distance diplomacy, Peres sat in the studio and answered in English the questions called in by Arab listeners in Jordan, Syria, Lebanon, Egypt, Israel, and the occupied West Bank and Gaza Strip.

Although he did not make any dramatic overtures, Peres sounded an eloquent and conciliatory note in answering even the most hostile questions. At times, however, his answers regarding Israel's treatment of Arabs or settlement activities in the West Bank stretched credulity to the limit and drew some raised eyebrows from even the Israeli journalists following the broadcast in the studio. The Israeli radio's Arabic service is widely listened to throughout the Arab world, both for its generally informative news and Arab music. One of the most popular programs is a medical advice show, in which Arab listeners can write in with medical problems (through a European P.O. box) and an Israeli doctor will answer them over the air.

With that precedent in mind, the Arabic service decided to have Peres field questions over the air. All listeners had to do was call one of three phone numbers belonging to a West German government radio studio in Cologne [Deutsche Welle? ds], where members of the Israeli radio's Arabic service would patch their calls through to the studio in Jerusalem. If listeners were in Israel, they could call collect. The phones did not stop ringing all night.

Some of the questioners, particularly those from Jordan, gave their names over the air, but others would identify only their country, and still others asked that their questions be relayed but not in their own voices. In at least two cases, calls were interrupted when operators in the Arab country of origin cut the lines, according to Edmond Sehayek, the director of the Israeli radio's Arabic service. Peres' only qualification for doing the program was that he would not answer any question called in by someone who identified himself as an official of the PLO.

All the questions were asked in Arabic and simultaneously translated for Peres by an Israeli Arab. The foreign minister gave his answers in English, and they were translated to Arabic for listeners. "What was striking was how no one used the term 'Zionist entity'-- everyone spoke of Israel," Sehayek said of the callers. "Everyone was respectful. No one had to be cut off, and it was live."

"To have people calling in from Jordan or Syria-- they are risking something, but they wanted to give us their message and they wanted us to listen," Sehayek said. "It just proves that even when governments don't speak, people will always reach out to talk to each other." (Via the San Francisco Chronicle and P.J. Allen-CA. ds)

New Advance in Conductivity Reported: Scientists at Wayne State University in Detroit say they have identified a material that carries electricity without any loss of energy at a temperature much warmer than earlier reported.

The development is the latest in a rapid-fire sequence of advances in the superconducting of electricity. Until recently, most superconductors had to be cooled to nearly absolute zero, or 460 degrees below zero Fahrenheit, which made them impracticable for most applications. But scientists in recent months have discovered materials that became superconducting at much warmer temperatures. Such materials are expected to have a wide range of commercial applications in electricity transmission, electronics and computers.

Dr. J.T. Chen and Dr. Lowell Wenger, both physicists at Wayne State, said that they had developed a ceramic material with two phases-- different crystalline formations of molecules-- one of which becomes a superconductor at about -27°F, or 240 kelvins. Until now, the highest temperature for superconductivity with this family of materials was about -279°F, or 100 kelvins. [From Jack Heaton-FL and the St. Petersburg Times. Thanks for your interest and support of the club, Jack! ds]

Here 'n' There: [All via Ron Trotto-FL] WWV, WWVH and WWVB are conducting a listener survey. To receive a copy, call: 1-303-497-3294 (you'll get a recording; leave your name, address and phone number). Radio Finland has a toll-free number for SWLs: 1-800-221-9539. The line is open 24 hours a day, and you may leave a sixty second message if you want. [Via Jack Heaton-FL] Tired of static and interference wiping out your SW reception? Well, the FCC's Interference Handbook may be of help to you. It costs \$2.50 per copy; its stock number is: 004-000-00450-7. Order it from: The U.S. Government Printing Office, Superintendent of Documents, Washington, D.C. 20402 (via Worldradio). [Direct from Gilfer Shortwave] Love to listen to those utility stations but wonder where they're located? Use Reinhard Klein-Arendt's Utility Address Handbook. It's softback, 139pp, and just \$12.95, plus \$2 shipping. Order it from: Gilfer Shortwave, 52 Park Avenue, Park Ridge, NJ 07656.

FCC Anti-raunch Radio Rule: Sixty years have passed since Congress wrote a wholesome provision into the Radio Act of 1927: "No person within the jurisdiction on the U.S. shall utter any obscene, indecent or profane language by means of radio communication." That provision is still the law as Title 18, Section 1464 of the U.S. Code. Recent actions by the FCC is expected to result in sharp restrictions on what is known as "raunch radio."

Unfortunately, the problem with the FCC "getting tough" is that it is difficult to some-



times define terms. What is "obscene"? What is "indecent"? The U.S. Supreme Court has struggled for years with the task. Justice William Brennan called it "the vexing problem." Justice John Marshall Harlan called it "the intractable problem." Former Chief Justice Warren Burger wrote of the "somewhat tortured history" of obscenity censorship, and Justice William O. Douglas called the law on obscenity a "hodgepodge."

In 1978 the high court tackled section 1464 in what is known as the Case of the Seven Dirty Words. The case arose at 2 o'clock on the afternoon of October 30th, 1973, when a New York radio station broadcast a 12-minute monologue by comedian George Carlin. The theme of the monologue was that seven dirty words, by incessant repetition, cease to have sexual or scatological meaning, and become mere words. The FCC concluded the broadcast was "indecent" and warned the owner that the radio station might suffer "administrative sanctions" as a consequence. The case went to the Supreme Court, where the justices rode off in all directions. Justice John Paul Stevens wrote a waffling opinion for the court; only Burger and Justice Rehnquist joined him in toto. Justices Powell and Blackmun agreed that the FCC hadn't violated the First Amendment. The other four justices dissented.

It was not the court's finest hour, but at least some conclusions emerged from the judicial affray. Five members of the court agreed that the FCC has power to impose sanctions on licensees who engage in indecent broadcasting. The word "indecent" carries a meaning separate from the word "obscene." The Carlin monologue was not only indecent, it was also vulgar, shocking and "patently offensive." In the context of a 2pm broadcast, 7 dirty words were not entitled to constitutional protection under the First Amendment.

Recent actions by the FCC were taken partly as a warning to Howard Stern for broadcasts in New York & Philadelphia. Stern's program was described by the FCC as "patently offensive." Stern's response was that an offended listener can always turn off the radio. It's hoped by FCC officials that their new crackdown will help clean up the airwaves. [An excerpt from an article in the Birmingham News. Contributed by Don McCants-AL. Here in Tampa, we have a new TV Channel, WMV (Ch. 32), and the question of indecency became a hot issue of discussion after their morning talk show host "mooned" his viewers. Needless to say, public opinion was split down the middle-- some thought the host was an odd ball; others felt he was some sort of "hero." You decide....ds]

Publicity Report From Ye Ed: Geez, I've been the club PR guy for awhile, but have not included a report in these pages for some time. As most of you know, we are offering QSL cards for correct reception reports of the "SPEEDX reports." To date, 102 cards have been issued. Most cards have been sent to DX'ers in Australia, with the U.S. second and Canada in 3rd place. Reports also have been received from: Switzerland, England, France, East Germany, Japan, South Korea, Malaysia, New Zealand, South Africa, Zimbabwe, Ecuador, Mexico, Jamaica and Colombia. It is also hoped the "SPEEDX Report" can air on additional stations in the near future. If you have any PR ideas/comments, make sure and send them to me! ds.

Harold Woering's Helpful Hints [try saying that quick a few times, hi. ds]: Something that comes in handy for me is a 12 volt battery box. I placed an automobile battery in a wooden box, with screw-type terminal strips on the outside. I have various types of lugs on the terminal strips, for fastons, ring terminals and alligator clip-ons.

The battery has a variety of uses. 1) I placed an automobile tail light fixture into a house light fixture with a switch. I hung the light upstairs between the living room and kitchen for those nights when we lose power. My four kids get pretty scared when the lights go out and small children with candles just does not make it. 2) I would like to use the battery on a DXpedition if I can ever get one going and finally, 3) I use it in my boat to run my electric motor. [Thanks, Harold, for your creative ideas and input! ds]

High Performance ICOM Options: Just recently, ESKAB has produced several options for the R70/R71. These include a special 4 kHz high performance AM crystal filter and a phased locked AM (PLAM) board that takes all the hassle out of ECSS/NSHD tuning. The PLAM board is in stock for immediate shipping; the popular R71 Performance Manual is also available. For more info and prices [I would have included prices, but this press release is somewhat dated and prices tend to fluctuate at times...ds], write to: Don Moman, Shortwave Horizons, #61 - 52152 Rge Rd. 210, Sherwood Park, Alberta, Canada T8G 1A5.

Guess that's all for DXM this month. Remember, I now have more pages, so send in those articles so I can keep them filled! Apologies to QSL editor Ray Forsgren. For some unknown reason, I "replaced" him with Leon (Kanopka) at the end of last month's column. I guess the mind can do weird things when under a busy schedule!

\$ Next month in DX Montage, we'll tell you about a Radio Beijing staffer that's not from Beijing. As a matter-of-fact, she's not even from China! Also a return of the Contest Pg+ news of the upcoming SW popularity poll!

CRACKER COUNTRY: You really know you're a DXer when you insist upon switching off all the TVs/appliances in your home before DX'ing!

73's + best  
David.

# PROGRAM PANORAMA

woody seymour, jr.

p.o. box 848

sanford, nc 27330

June 1987...Let me begin this month's column by squelching a rumor that has begun to 'drift' around the hobby. No, Radio Pirana is not looking at putting a relay base on the Garbage Barge. Although the barge would have advantages as a relay base (mobility, close proximity to the US), the disadvantages greatly outweigh the advantages. First, it would be a PR nightmare for the RI staff. Then, the workers at the base would have to contend with flies and rats. So, if you hear this story, we can tell you that it's not true!

CANADA...RCI's latest sked has been published. In North America, RCI broadcasts 1200-1300 UTC M-F, with no Sat morning broadcast and SUNDAY MORNING 1300-1600 UTC on that day. At night, WORLD AT SIX can be heard at 2200 and 0100 UTC, followed by AS IT HAPPENS at each time. On Sat, you can hear NEWS, followed by INNOVATION CANADA at 2200, COAST TO COAST at 2330 and SWL DIGEST, CANADA ROCKS AND SPOTLIGHT ON SCIENCE 0000-0100 UTC. On Sun, you can hear THE HOUSE at 2200 and 2330 UTC, with LISTENERS CORNER at 0000 UTC. (Direct)

SWITZERLAND...SRI in English: Mon to Sat DABELINE; Sat also has SWISS SHORTWAVE MERRY GO ROUND; Sun has THE GRAPEVINE (1st and 3rd) and SUPPLEMENT (2nd and 4th). (Direct)

USA...Member Don McCants of AL recommends a program over WIRE, INTERNATIONAL FREEDOM ALERT can be heard Sat 1600-1630 UTC on 15295. It features issues on freedom and dangers to it around the world. The host promises facts to go with his reports. Thanks, Don!

USSR...Here's the North American schedule for Radio Moscow in English:

NORTH AMERICAN SERVICE (EAST COAST)								
April-September 1987 (22:00-03:00 UTC)								
TIME UTC	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TIME UTC
22:00		N	E	W		S		22:00
22:10								
22:20		O	U	T	L	O	K	22:20
22:30	THE FUTURE TALKS	Daily Talk			Daily Talk	THE FUTURE TALKS (first run) bi-weekly	RADIO BRIDGE	22:30
22:40	Reviewing your Letters	WHAT IS COMMUNISM	HOME IN THE USSR (first run)	SCIENCE AND ENGINEERING (first run)	HOME IN THE USSR	FRONT SEAT AND BACKSTAGE	SCIENCE AND ENGINEERING	22:40
23:00	DX Program							23:00
23:10	Roundup of Political Events	TOP PRIORITY	MOSCOW MAILBAG	Roundup of Political Events	TOP PRIORITY (first run)	MOSCOW MAILBAG (first run)	MOSCOW MAILBAG	23:10
23:20	Daily Talk			Daily Talk				23:20
23:30	Sidelights on Soviet Life	Roundup of Political Events	Roundup of Political Events	Sidelights on Soviet Life	Daily Talk	TOP PRIORITY		23:30
23:40	HOME IN THE USSR	Daily Talk	RADIO BRIDGE	SCIENCE AND ENGINEERING	RADIO BRIDGE (first run)	Sidelights on Soviet Life		23:40
23:50	FRONT SEAT AND BACKSTAGE							23:50
TIME UTC	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	TIME UTC

\* Entire program repeated at 00:00 & 02:00 UTC  
 \*\* Entire program repeated at 01:00 UTC

Flexible programming (interviews, reports, outlooks, music)

# Station Skeds



DAYS  
POWER (kW) 6-87  
TIMES (UTC)  
LANGUAGES (LG)  
FREQUENCIES (FREQ)

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

WORLDWIDE  
COVERAGE

EDITOR: RALPH S. BOWDEN, 1255 AMETHYST STREET, SPACE 30, MENTONE, CA 92359 U.S.A.

ALGERIA: RADIODIFFUSION T.V. ALGERIENNE,  
ALGER, J-87 SEASON:

	LG	TAR	kW
0800-1900	9510	FR Eur,NAf	50
0800-1500	17745	" NAF,Eaf	100
1500-2130	7145	AR Naf,ME	100
2130-2200	9595	" Naf,ME	100
0500-0400	15215	EG CAm,SAm	100
0500-2200	15205	AR Naf,ME	100
0500-1600	9595	" Naf,ME	100
0600-2400	9535	SP CAf,Eaf	100
0600-2000	7245	KD Eur,NAf	50
0600-2400	6160	AR Naf,ME	50
0700-2400	6145	" Naf,ME	90
0700-0100	9640	SP SAm,CAm	50
0700-1800	15160	SP Eur,WAs	100

(THFBS, IFRB, ITU, J-87. J-87 ILG.)

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

	LG	TAR	DAYS
0800-0825	9880	EG USA,Can	1-5
0800-0825	15515	" EAsia	1-5
1000-1055	15515	" CAm,SAf	1-6
1000-1055	17695	" CAm,SAm	1-7
1330-1425	15595	" USA,Can	1-6
1330-1425	15515	" EAsia	1-6
1630-1655	17695	" CAf,SAf	1-6
1700-1800	9910	" Eur	1-7
1730-2015	11985	" CAf,SAf	1-7
2100-2125	5910	" USA,Can	1-7
2030-2125	9675	" Eur	1-7
2100-2125	9675	" USA,Can	1-7
2200-2355	9925	" CAm,SAm	1-7

(DIRECT, BRT, 4-1-87. F. Trescher, PA.  
B. Allred, Ecuador.)

DENMARK: R. DENMARK, COPENHAGEN RELAY,  
G.C. 12°21'E/55°47'N, BEAMED TO NORTH  
AMERICA, LATEST INFORMATION:

	LG	TAR	kW
1100-1130	15165	DN WCNA, Aus	
1300-1352	15165	" NAm	
1600-1652	11945	" "	
1730-1830	9720	" Can, Aus	
2100-2115	9750	" ECNA,Aus	
2200-2252	6130	" NAm	
2300-2352	6120	" "	

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

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BE INCLUDED IN THIS COLUMN. EDITOR HAS A  
FILE OF ALL COPYRIGHT PUBLICATIONS GRANTING

ECUADOR: SHORTWAVE STATION HCJB, LA VOZ  
DE LOS ANDES, QUITO, ENGLISH LANGUAGE  
BROADCASTS, LATEST INFORMATION:

	TAR	kW
1130-1600	11740 CAm,SAm	100
1200-1600	17890 NAm,CAm	100
1200-1600	15115 NAm,CAm	100
1200-1230	6075 EAsia	100
1900-2000	15270 Eur	500
1900-2000	17790 EAsia	500
1900-2000	11740 CAm,Eur	100
2130-2200	11740 Eur,CAm	200
2130-2200	17790 WAsia	300
0030-0700	9870 USA,Can	
0030-0200	15155 USA,Can	100
0030-0130	11910 NAm,CAm	500
0030-0130	11910 CAm,SAm	500
0500-0700	11910 NAm,CAm	100
0200-0700	6230 USA,Can	
0700-0800	9860 Eur	
0700-1030	9745 Aus,NZ	100
0700-1130	11975 Aus,NZ	100
0700-1130	6130 Aus,NZ	500

(DIRECT, HCJB, THFBS, IFRB, ITU, J-87.  
J. Sanderson, AZ.)

ETHIOPIA: VOICE OF REVOLUTIONARY  
ETHIOPIA, ADDIS ABABA, LATEST INFO:

	LG	TAR	kW
1200-1300	9660	SM CAf,Eaf	
	7165	" "	
1300-1400	7165	Afar	" "
1400-1500	9560	AR Naf,Eaf	
1500-1600	9560	EG CAm,Eaf	
1600-1700	9560	AM	" "
1800-1900	9560	FR	" "
1900-1930	9595	EG/ VN	" "
	(SWAPO)		
1930-2000	9595	EG/ VN	" "
	(ANC)		

(J. Pogue, TN.)

FRANCE: R. FRANCE INTERNATIONALE, PARIS,  
J-87 SEASON, ENGLISH AND FRENCH LANGUAGES,  
"PARIS CALLING AFRICA", ALLOIS RELAY:

	LG	TAR	kW
1600-1700	11705	EG Naf,CAf	100
1600-1700	17620	" "	100
1600-1700	17795	" CAf,Eaf	100
1600-1700	15300	FR Naf,Eaf	500
1600-1700	15315	" Naf,Waf	500

(DIRECT, RFI, 5-6-87.)

PERMISSION TO REPRINT INFORMATION. /Ra1ph

# STATION SKEDS

FINLAND: R. FINLAND, HELSINKI, VIA PORT RELAY, BEAMED TO NORTH AND CENTRAL AMERICA, J-87 SEASON:

	LG	kw	DAYS
1100-1200	15400 FN	250	1-6
1100-1200	"	250	1-6
1100-1300	15400	"	250 7
1100-1300	11945	"	250 7
1200-1245	15400	"	250 1-6
1200-1245	11945	"	250 1-6
1245-1300	15400 SW	250	1-6
1245-1300	11945	"	250 1-6
1300-1400	15400 FN	250	1-5,7
1300-1400	11945	"	250 1-5,7
1300-1330	15400	"	250 6
1300-1330	11945	"	250 6
1330-1400	15400 FR	250	6
1330-1400	11945	"	250 6
1400-1430	15400 FN	250	1-7
1430-1500	15400 SW	250	1-7
1500-1600	15400 FN	250	1-7
1600-1630	15400	"	250 6
1530-1600	15400 FR	250	6

(THFBS, IFRB, ITU, J-87. R. Yajko, PA. J. Sanderson, AZ.)

GERMANY (FEDERAL REPUBLIC): R. DEUTSCHE WELLE, KOLN, ENGLISH LANGUAGE PROGRAMS BEAMED TO NORTH AMERICA:

	TAR
0100-0150	6040, 6085, 6145, 9545, 9565, 11785 USA, Can
0300-0350	5965, 6010, 6045, 9545, 9565 USA, Can
0500-0550	5960, 6120, 6130, 9635 USA, Can

(D. Jones, TN. RDW Program, 4-87.)

IRAN: VOICE OF ISLAMIC REPUBLIC INTERNATIONAL, TEHRAN, FARSI LANGUAGE, M-87:

	TAR	kw
1600-2130	7285 NAF, ME	500
1600-0130	9635 NAF, ME	500
2030-0130	9655 NAF	500
0330-1500	7215 Eur, NAF	100

(B. Allred, Ecuador. M-87 ILG, PARTIAL. THFBS, IFRB, ITU.)

ISRAEL: ISRAEL RADIO INTERNATIONAL, JERUSALEM, ENGLISH LANGUAGE PROGRAMS BEAMED TO AMERICAS, LATEST INFORMATION:

	TAR
1100-1130	17685, 17630, 15650, 15640, 13725, 12080, 11700, 11665 Eur
2000-2030	11960, 11700, 9885, 9815, 9435, 9020 USA, Eur
2230-2300	12025, 11960, 9815, 9020, 7464, 7410 USA, Eur
0000-0030	9435, 7480, 7410 USA, Eur
0100-0125	7480, 7464, 7420 USA, Eur
0200-0225	9435, 7464, 7410 USA, Eur
0500-0515	11960, 11585, 9855, 9815, 9435, 7464 Aus, USA

(R. Stern, NJ.)

ITALY, RAI, OR RADIOTELEVISIONE, ITALIANA, ROME, PROGRAMS BEAMED TO THE AMERICAS, LATEST INFORMATION:

	LG	TAR
1400-1425	17715, 15385	IT Can
1830-1905	17780, 15385, 15345	"
2230-0100	11800, 9575	" USA
0100-0120	11800, 9575	EG "
0120-0135	11800, 9575	FR "
0140-0305	5965	IT "
0305-0425	5965	SP "

(J. Sanderson, AZ. J. Somers, CA.)

JORDAN: HASHEMITE KINGDOM BROADCASTING SERVICE, AMMAN, LATEST INFORMATION:

	LG	TAR	kw
1500-2330	9530 AR	NAF	100
1530-1700	9560 EG	NAF, Eur	100
1900-2330	7155 AR	NAF, ME	100
0330-0730	7155	Eur, NAF	100
0330-0730	9530	" NAF, ME	100
0330-0500	11920	" NAF	100
0930-1400	9530	" NAF, ME	100

(DIRECT, JORDAN TRF. THFBS, IFRB, ITU, J-87. F. Trescher, PA.)

MALI: RADIODIFFUSION T.V. MALIENNE, BAMAKO, J-87 SCHEDULE:

	LG	TAR	kw
1700-1800	7285 FR	NAF, waf	50
0700-1800	9635	" "	18
0600-0800	4795 VN	" "	18
0800-1800	4835	" "	50
1800-0000	4835 FR	" "	50

(1987 RDI. J-87 ILG.)

MALAWI: MALAWI BROADCASTING CORP., BLANTYRE, J-87 SEASON:

	LG	TAR	kw
0255-2210	3380 CC/EG	EAF, SAF	20
0155-1105	3380	" "	20
0255-2210	5935	" "	50

(1987 RDI. J-87 ILG.)

MAURITANIA: OFFICE DE RADIODIFFUSION T.V. DE MAURITANIA, NOUAKCHOTT, J-87 SEASON:

	LG	TAR	kw
0600-0900	4845 AR/FR	NAF, waf	100
1800-0000	4845	" "	100
0755-1650	7245	" "	100

(1987 RDI. J-87 ILG.)

NORWAY: R. NORWAY INTERNATIONAL, OSLO, TENTATIVE J-87 SCHEDULE, NORWEGIAN LANGUAGE, MINIMAL ENGLISH LANGUAGE:

	TAR	kw
0100-0245	9620 NAM	500
0200-0245	9620 Cam	500
0300-0345	9580 Can	500
0400-0445	9650	500
1100-2245	15310 Nam	350
1300-1345	15310 USA	500
1400-1445	15310	500
1700-1745	15310	500
1800-1845	15310	500

(F. Trescher, PA. DIRECT, RNI, 3-87, INCOMPLETE.)

# STATION SKEDS

SEYCHELLES: FAR EAST BROADCASTING ASSOCIATION (FEBA), MAHE, LATEST INFO:

	LG	TAR	kw
0915-1015	FR	SEAf	100
1100-1200	AR	NAF,ME	100
1100-1200	"	NAF,ME	100
1200-1250	SP	SAsia	100
1300-1400	11865	TM	" 100
1400-1610	15325	EG	" 100
1400-1500	11820	HD	" 100
1615-1715	9510	SH	CAf,EAf 100
1615-1700	11020	"	Eaf,Saf 25
1715-1835	9510	AM	CAf,EAf 100
1830-1900	6130	PT	Eaf,Saf 100
0130-0200	7275	TM	SAsia 100
0200-0230	9730	UR	" 100
0200-0230	7275	TL	" 25
0230-0245	9730	PJ	" 100
0250-0310	11790	DR	ME,SAs 100
0300-0330	11865	FS	ME,SAs 100
0310-0400	9610	SH	Eaf,Saf 25
0330-0340	11865	FS	ME,SAs 100
0345-0400	15200	AR	NAF,ME 100
0400-0430	9620	OR	SEAF 100
0400-0500	9610	FR	" 100
0310-0400	11810	SH	Eaf,Saf 100

(DIRECT,FEBA. THFBS, ITU, J-87.)

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

	LG	TAR	
0800-1100	5960	EG	NEAs,FE
1100-1400	7365	CH	FE,JP
1400-1630	7365	RS	NEAs,FE
1630-1930	7355	EG	SEAs,FE
1920-2200	7365	RS	33,34

(INDIRECT, KNLS, ALASKA.)

U.S.A.: THE CHRISTIAN SCIENCE PUBLISHING SOCIETY, BOSTON, MASSACHUSETTS, VIA WCSM, SCOTTS CORNERS, MAINE, J-87 SEASON:

	LG	TAR	kw
0800-0900	9465	EG	WAF 500
0900-1000	9465	EG,FR,GM	" 500
1000-1100	17640	EG	" 500
1100-1200	17640	EG,FR,GM	" 500
1600-1700	15270	EG	WAsia 500
1700-1800	15270	"	" 500
1800-1900	15230	"	Waf 500
1900-2000	15230	"	" 500
2000-2100	15265	"	WAsia 500
2100-2200	15265	"	" 500
2200-2300	15300	"	Waf,EAf 500
2300-0000	15300	"	" 500
0000-0100	7365	"	Eur,NAf 500
0100-0200	7365	EG,FR,GM	" 500
0200-0300	9745	EG	Waf,EAf 500
0300-0400	9745	EG,FR,GM	" 500
0400-0500	9465	EG	Waf,Saf 500
0500-0600	9565	EG,FR,GM	" 500
0600-0700	9465	EG	WAsia 500

(WCSM, CSMWS, BOSTON, MASSACHUSETTS, 1st ISSUE, 1987. THFBS, IFRB, ITU, J-87.)

U.S.A.: THE VOICE OF AMERICA, WASHINGTON, D.C., J-87 SEASON, ENGLISH LANGUAGE BROADCASTS HEARD ON WCNA:

	TAR	kw	RELAY
1100-1400	1400	SEAsia	250 Tinang
1100-1500	9760	NEAsia,FE	250 "
1100-1500	9760	SEAsia,SAs	250 "
1100-1500	7230	SEAsia	35 Poro
1100-1500	15160	SEAsia	50 Tinang
1100-1500	15160	SEAsia,SAs	50 Tinang
1100-1500	15425	CAsia	50 Poro
1100-1500	15425	Australia	50 "
1300-1900	9545	Azores	35 "
1500-1800	15260	ME,SAsia	250 Kavella
1600-1845	11920	SEAsia	250 "
1600-2200	15410	WAfrica	250 Greenville
1600-2200	15445	CAf,EAf	250 Monrovia
1600-2200	15580	CAf,Saf	250 Bethany
1600-1830	15600	CAf,Saf	250 Monrovia
1600-2300	17785	Waf,CAf	250 Bethany
1500-2300	17800	Waf,CAf	250 "
1600-2300	17870	CAf,Saf	250 Monrovia
2200-0100	17740	CAs,EAsia	250 Tinang
2200-0100	17740	WAus,NZ	150 "
2200-0100	15290	CUSSR,EUSSR	250 Poro
2200-0100	17820	"	" 100
2200-0200	6130	SEAsia,Indo	250 "
2300-0300	9455	CAm,SAm	500 Greenville
0000-0300	5995	CAm,SAm	250 "
0000-0300	9650	CAm	250 Delano
0000-0300	9775	CAm,SAm	250 Greenville
0000-0200	9815	CAm	250 Delano
0000-0300	11580	SAm	250 Greenville
0000-0300	11695	SEAsia	250 Delano
0000-0200	11740	CAm	250 "
0000-0300	15205	SAm	500 Greenville
0300-0600	9575	Waf,CAf	250 Bethany
0300-0700	7280	CAf,Saf	250 Woofferton
0400-0700	9670	Eur	250 Greenville
0500-0700	9540	CAf,EAf	250 Monrovia
0500-0700	6035	Saf	250 "
0500-0700	6035	Saf	250 "
0600-0700	6080	Waf,CAf	500 Greenville
0600-0700	6125	Waf,CAf	250 Bethany
0600-0700	7325	Eur,NAf	300 Woofferton
0600-0700	9530	Waf,CAf	250 Greenville
0600-0700	9550	Waf,CAf	250 Bethany

(DIRECT, VOA, 5-87. THFBS, IFRB, ITU, J-87. Segments monitored by Editor.)

U.S.S.R.: R. TASHKENT, UZBEKISTAN S.S.R., VARIABLE ZONES, J-87 SEASON. LANGUAGES INCLUDE UZBEK, RUSSIAN, TADHZIK, KAZAKH, AND TATAR-BASHKIR:

	TAR	kw
0900-1500	11785	ME,SEAsia 100
0900-1300	15385	SAsia,SEAs 500
1100-1500	11880	SAsia 500
1200-1500	6025	ME,SAsia 100
1300-1600	11960	SAsia 100
1500-1800	7140	ME,CUSSR 100
1500-1800	6045	ME,SAsia 100
1500-1600	5975	ME,SAsia 100
1530-2200	9675	NAf,ME 500
1600-2130	9705	Eaf,SEaf 500
2200-0530	9675	SAm 500
0230-0330	5855	ME,SAsia 100

(THFBS, IFRB, ITU, J-87. T. Ryan, NY.)

# 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

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## ALASKA KNLS

5960 0900 Religious program, ID (343 51 Trotto FL)(Walley CA)

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

- 6045 0341 DW Russian Writers (444 49 Kerrigan IL) dollar declines in Far East trading (444 421 Brown IL) Microphone on Europe; Press Review (534 Wright MB)  
6085 0443 DW Martial mx (555 428 Miller CA)  
6175 0228 BBC Network UK; Science in Action: brain disorders (433 412 Brown IL)(Dillon MD)(Hesch NY)(Bishop NY)  
6195 1100 BBC Drugs on Wall Street; IRA news (555 417 Robinson TN)(McCants AL)  
9510 0450 BBC Financial news (555 51 Miller CA)  
9640 1100 SS BBC Argentine politics, nx (555 418 Robinson TN)  
9690 0715 GG DW Classical mx (333 411 Westenhaver QU)  
11775 1130 BBC Meridian: the world of publishing (454 417 Fraser MA)  
15410 2225 GG DW Piano mx (555 421 Miller CA)workers' museum (555 424 Kline CA)

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

- 5960 0336 RJ Memories of '64 Tokyo Olympics (555 411 Janusz NJ) Current Affairs; Science Today: artificial meat (544 Kline CA)(433 49 Bishop NY)(Wright MB) Nakasone visits U.S. (544 426 Shaffer PA)  
5960 0003 RCI SWL Digest (444 Neff OH) Trade wars (433 427 Bishop NY) Virus may cause persistent headaches (Hesch NY)  
6005 1356 CFCX Songs, nx, wx, ID (343 425 Hesch NY) Ads (433 427 Bishop NY)  
6070 0312 CFRB Sports: World hockey championships (333 421 Brown IL) Grocery ads (544 427 Miller CA) Air Canada ad (333 414 Neff OH) Race results from Mohawk Raceway (222 426 Preston CA) Weather report (433 427 Bishop NY)  
6120 0317 BBC The World Today Profile of the South Pacific (444 421 Brown IL)  
6120 1125 RJ Cherry Blossom Festival (555 413 Fraser MA) Tokyo Pop In, DX Corner, Meet the People (444 426 Dillon MD)  
6160 1105 CKZN CBC news (252 414 D'Angelo PA)  
6195 0147 CBC As it Happens: Report on the Rotary and how affected by the decision to allow women to join (333 54 Brown IL)  
9535 0120 SS RCI (444 421 Brown IL) EE Canada's new immigration laws (533 415 Janusz NJ)  
9590 0215 BBC People's Choice: Smokey Robinson (444 427 Janusz NJ) Multitrack 3: Joe Jackson (454 417 Kline CA)  
9625 0143 NQS caribou meat arrests; election in Indonesia (444 425 Kline CA) Debate in House of Commons on capital punishment (444 Wright MB) Dome Corp. and Canadian petroleum production (344 422 Preston CA) Good Morning Quebec (444 418 Janusz NJ)  
9625 1220 RCI Social problems among native and Eskimo women (555 413 Janusz NJ) North Country: Interview with Anne Murray (444 430 Trotto FL)  
9670 2000 RCI Review of JJ SW receivers (Wright MB)  
9755 0120 RCI Larry Magne reviews equipment (433 418 Johnson CA)(Preston CA)  
11720 1517 NQS Sunday Morning: AIDS victim's last months; Quebec into Canadian Constitution (444 419 Wright MB)  
11945 2130 RCI SWL Digest (544 425 Westenhaver QU)  
15260 1628 BBC Good Friday Meditation; The World Today (555 417 Kline CA)  
15260 1950 RCI Mx (444 425 Miller CA) Drought in Ethiopia (444 429 Trotto FL)

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

4765 0950 RR RM Disco mx (444 411 Dillon MD)

5025 0330 SS RR Baseball! (343 410 Janusz NJ)

6090 0410 RHC Headlines; S. Africa sanctions (422 411 Janusz NJ) Cuban Theatre (555 410 Wright MB)

6140 0403 RHC Sports news (555 429 Miller CA)

9525 0640 RHC The World of Stamps (444 413 Halstead WV) Chemical weapon production halt (444 411 Westenhaver QU)

9655 0400 RHC Commentary on Afghanistan and Pakistan; Cuba Today (555 56 Halstead WV)

9740 0122 RHC Musical Review (555 417 Kline CA)

11760 1650 RHC Traditional mx (353 417 Janusz NJ)

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

11700 1510 RC V. CID and R. Clarin IDs, mx (444 415 Neff OH)

15045 2340 RD ID and freq. info in English then to SS (444 411 Jones TX) Universal Shortwave ad; reception report request; promo for ANARCON'87 (252 425 D'Angelo PA)

MONTSERRAT *Deutsche Welle Relay*

5960 0508 DW Focus on Bonn (6120/6130 (444 412 Janusz NJ)

6045 0325 DW Classical mx from Berlin orchestras (533 413 Janusz NJ)

9565 0302 DW Pope continues visit to Germany; Microphone on Europe (343 5/3 Brown IL)

11865 0043 DW Review of West German Press; guitar mx (433 428 Westenhaver QU)

NETHERLANDS ANTILLES *Radio Nederland\*\*Trans World Radio*

6165 0229 RN US vs. USSR spying; Media Network (444 49 Brown IL) 40th anniversary show (555 415 Kline CA) Dutch lang. (555 424 Miller CA)

9590 0240 RN Happy Station, Mail Call (555 412 Brown IL) Media Network (555 51 Miller CA)

9650 1105 RN Happy Station (444 426 Dillon MD)

9715 0550 RN Listener Feedback (544 412 Janusz NJ)

11715 2327 SS RN IS and ID; Nx (444 424 Westenhaver QU)

11815 1115 TWR Mx, Family Forum (444 421 McCants AL)

15315 2227 PP RN Nuclear technology (354 417 Kline CA)

15355 2350 GG TWR Bible program for children (354 422 Westenhaver QU)

15560 2230 SS RN News and commentary (333 425 Miller CA)

21685 0709 RN DX program: hams and satellites (454 423 Kline CA)

PIRATES *Now Available on Cellular Telephone*

6305 1100 SS V. CID ID as R.Cam. Cienfuegos; mention White House and Reagan (555 49 Robinson TN)

7416 0155 Radio X All rock mx: 0213 ID as "RADIO X testing." NY mailing address given (343 412 Jones TX)

7470 0157 R. Caiman Pop mx: "Drug Smuggler's Blues" ID; Commentario with mentions of Afghanistan and Angola (222 51 Halstead WV)

9940 0500 SS V. CID Sociologist explains why youth are leaving Cuba in "the pursuit of liberty." (444 54 Halstead WV)

29820 2024 SS V. CID Cuban music; ezl music (444 413 Levison PA)[Fourth harmonic of 7455? ed.]

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

5985 0312 VOFC Taiwanese Top 10 Countdown (544 429 Janusz NJ)

6030 0200 AFRTS A's vs. Twins (544 415 Miller CA) NPR Morning Edition (343 421 McCants AL) Dodgers vs. Astros (353 415 Kline CA)

6105 1330 WYFR Insight (444 420 McCants AL)

6130 0140 VOA Trail of the Lonesome Pine (544 426 Miller CA)

6155 0330 SS VOA EZL mx; Moonlight Serenade (545 420 Miller CA)

6185 0445 WRNO Roy Masters program (444 416 Neff OH)

7355 0830 *WHRI* Rock mx, address for QSL (333 49 Kerrigan IL)Radio Earth: ANARCON'87, IRS poem, RSI (333 415 Neff OH)(Miller CA)

7355 0116 *WRNO* Top 30, ads (544 420 Miller CA)

7365 0010 *WCSN* JJ children in school and home (433 49 Bishop NY) Letterbox; Ionosphere (434 417 Trotto FL) Talk on movies (433 414 Neff OH)(444 47 Ross ON)Religious message(444 48 Langlois FL) Falklands War (544 D'Angelo PA)New animals from genetic research (444 421 Hesch NY)Bugs in the news (433 411 Goodman IA)

7365 0400 *RR KGEI* ID and address (544 426 Miller CA)

7400 0510 *WHRI* Phone no. for prayer and counseling (555 425 Miller CA)

9455 2330 *VOA* Nx, Frank Sinatra sings (555 425 Miller CA) Genetic research in mice (433 423 Brown IL)

9465 2133 *WCSN* Mailbag, sched (433 427 Bishop NY) World Service News: Saudis on Khomeini (353 416 Kline CA)+1

9495 0253 *KVOH* EZL Christian songs (444 411 Westenhaver QU)

9495 0256 *AFRTS* UPI radio nx: Mr. Green Jeans dies (544 421 Brown IL)

9575 0530 *VOA* Sports and nx (444 49 Neff OH) Project X film (545 423 Miller CA)

9670 0415 *VOA* Sunday Morning: Los Lobos rock group (444 426 Preston CA)

9690 0640 *GG WHRI* OOOmp-pah muzik (444 420 Janusz NJ)

9815 0200 *WCSN* Introduces programming; Kaleidoscope (444 417 Trotto FL)

9815 0100 *VOA* News: Iraqis say US ship sunk was mistake (333 519 Sable PA)

9840 0425 *SS WCSN* Testimonials about Christian Science (344 426 Preston CA)

11705 2145 *WHRI* Christian mx (433 418 Bishop NY)

11735 1815 *KCBI* Johnny High Program (444 419 Neff OH) Today in Dallas (444 420 McCants AB)(544 423 Miller CA)

11770 2334 *WRHI* Letters from listeners (333 423 Miller CA)+1

11830 2143 *WYFR* Leading little ones to God (433 418 Bishop NY)

11950 0320 *SS VOA* Wayne King as he was (343 427 Westenhaver QU)

14710 0150 *WRNO* 2nd harmonic; Rock mx (353 411 D'Angelo PA)

15105 1713 *WHRI* Religious mx (354 Kline CA)

15160 0007 *SS V. OAS* Choral mx; ID (454 417 Kline CA)

15170 1858 *WYFR* Freqs. and addresses (544 425 Miller CA)

15195 2030 *FF VOA* Pop music; News (555 Wright MB)

15270 1740 *WCSN* Propagation expert speaks (444 425 Walley CA)

15345 2355 *AFRTS* AP network news (333 425 Preston CA)(F. White FL)

15410 1801 *VOA* American Mosaic: Louis Armstrong (444 424 Miller CA) African Panorama; Now Music USA (454 423 Kline CA)

15440 1641 *WYFR* Mx, target area: Europe and W. Africa (353 Kline CA)

15580 2045 *VOA* African art museum; r&b band (344 430 Miller CA)(Kline CA)

17750 2120 *FF VOFC* CC love song, YL talks (444 413 Westenhaver QU)

17775 2330 *KVOH* Point of View (353 416 Fraser MA)Good news for Today (444 430 Trotto FL) Guidelines for Family Living (322 418 Bishop NY)

Computer Users: The Western Hemisphere and Caribbean BBS may be reached by dialing (717) 961-6141 from 10 pm to 8 am daily. The communication parameters are 1200/300 baud 8 bit Null parity and 1 stop bit. This can be an easy way to submit loggings. Please try to stick close to the regular SPEEDX format. The password is SPEEDX (use caps.) Kermit, Modem7, Telink, Xmodem, and Ymodem batch protocols are supported for both download and upload. Full message reading and writing capabilities will be available in the near future. In the meantime, if you have a computer, a modem, and software that supports those protocols, would like to take advantage of this BBS, but have no idea of what I just said, send a self-addressed stamped envelope to me at the address on the masthead and I will send you an introduction to the BBS system.

*WSZO* of the Marshall Islands in the Pacific is now broadcasting in SW on 4940 kHz. It is being heard on the East Coast (not by me yet) around 0730 in the Marshallese language. The station began broadcasting on March 4 and was first intercepted by Australian DXers. This qualifies as a new country on shortwave, so go for it! Submit your loggings for this one to Bob Thunberg in the Asia/Oceania column.

Please send loggings to me directly to the address on the masthead or via the NACC BBS by the twelfth of the month or our new CDE:

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

*Done for now.  
J.F.S.*

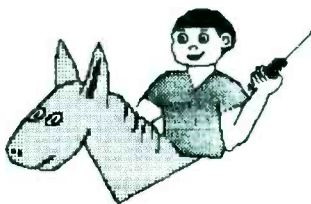
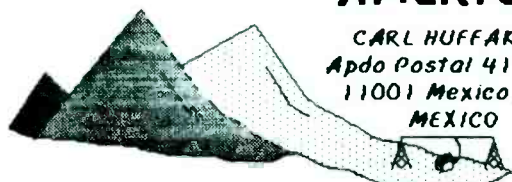
by the sixth of the month.





# LATIN AMERICA

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



FREQUENCIES in Kilohertz

DEADLINE 12th

TIMES/DATES in UTC

Not much mail this month, and reception on the tropical bands here has been a bit down. But the higher frequencies are coming alive with 19 meters open, at times, all night. I'll include a list of the high frequency Brazilians when I get to that section.

Of particular importance to those DXing Latin America is Radio Australia's new feature "Propagation Report". It's broadcast at 04:25, 08:25, 12:25, 16:25 and 20:25 daily except Sundays when it appears on their DX program "Talkback". The report covers the geomagnetic storms in more detail than the WWV broadcasts and appears a better indicator of transequatorial conditions.

I have, whenever they've been available, tried to include the off-hand ID's with the program detail. They're what you'll hear, what you'll note in your log, and often different than the proper station name that appears in the station lists. At times, this gets a bit confusing. The three Veracruz stations on 6020 kHz that have appeared in "other publications" are actually one and the same. I hope this bit of generalized Mexican history will clarify the situation for SPEEDX.

"XE" is the Mexican radio prefix. The international assignment includes "XAA" to "XIZ", but the commercial stations are all "XE". The early assignments, in the days of three-letter calls, either added a "W" or duplicated the final letter of their call to indicate a shortwave repeater. The broadcast band station in Veracruz was assigned "XEW" and the shortwave outlet "XEUV". The original slogan and station name was "Radio Eco de Sotavento" for both the medium and shortwave stations. Sotavento means the sheltered part of the harbor, a local name that dates back to the early days of sail.

Some ten years ago, Radio Eco de Sotavento, following the lead of the stations with three-letter calls who indicated their age by using only the last letter, changed their name to "La U de Veracruz". Mexico was among the early countries in educational radio and provided each of the universities and branches, as well as the Secretariat of Education and the teacher's union with a radio outlet. Several of these adopted the slogan "Radio Universidad de .....", which in the English station lists, was soon abbreviated to "Radio U de ....." In Jalapa, not far from the city of Veracruz, the university's mediumwave station used the name "Radio Universidad Veracruzana", but the idea that "La U" was the university shortwave outlet took hold.

Recently, at the top of one hour, I heard three ID's on 6020, "La U de Veracruz", a musical "X-E-U de Ver-a-cruz", and "Eco de Stoavento". The first is, of course, the proper name to be used in your reports to the station and as a station name in your SPEEDX reports. The others are important program details and a convenient way of proving that you actually heard the station. Another local usage is that "La U" sometimes gives its QTH as "Puerto de Veracruz". This is another old usage reflecting the city's four and a half centuries as the gateway to Mexico.

Incidentally, both the city and state are "Veracruz", not two words as they appear in some lists, so don't perpetuate that mistake.

Here in the Capital, the university station on 9630 kHz is "Radio Universidad Nacional Autónoma de México". Most station lists omit the autonomous, but unless they use the local abbreviation "UNAN", it's always in the ID's. If you report to the station, remember that autonomy is a very touchy point with Latin universities and include the term whenever appropriate.

An additional point on program details, try to report items unique or characteristic of the station. Song titles, unless they're program or station themes, won't mean much to someone tuning the station two months after you've heard them, but a half or one hour block of a particular type of music suggests intentional programming that will be repeated. On news, international items that appear on every station are of little importance, but a local item that would appear on only that station is an important detail. On a weak DX station, any bit of information is a help to anyone hearing bits and pieces of their program through the interference. Even if you can't copy it, the exact time of a taped ID could help someone determine that that's the station they tuned.

Now to the logs. Unless indicated, the language is Spanish, and for the Brazilians, Portuguese. The time refers to the particular log that I've selected to represent the station. If another time appears in the list of reporters, it indicates that he and the following reporters heard the station on the other, morning or evening, time slot.

#### ARGENTINA

3690 01:00 RAE EE Px, Nx & tangos (422 4/9 Janusz-NJ)  
 11710 01:19 RAE EE Px, Argentine Mx (433 4/15 Bishop-NY)

#### BOLIVIA

4795 10:45 R Nueva America rather lively LA Mx for the AM, ad block with ref to the station on the hour, then rel Px (333 5/10 ch-MX)  
 4875 09:33 La Cruz del Sur slow Mx, Tx in lang? (333 5/6 ch-MX)  
 4845 03:13 R Fides (out of order) futbol with wrap up at 03:30, "Fides de La Paz" and "R Fides" ID's (232 4/26 ch-MX)  
 5005 01:34 R Cristal futbol, ref to station at 01:57 (232 4/28 ch-MX)

#### BRASIL

I'll start this with an excerpt from Antonio Ribeiro da Motta's "Brazilian SW, MW, & FM Stations List". The list is complete and up to date as of March 1st. As it covers all MW & FM stations, it's a massive thing. Antonio very generously suggested that it be copied and circulated among DX clubs and any non-commercial group. I know that it will answer some of the numerous questions that I've received here. ch.

9505	R Record,	04084	Sao Paulo, SP	10:00 - 22:00
9520	R Itatiaia	30000	Belo Horizonte, MG	not started yet
9530	R Cultura	85890	Foz do Iguacu, PR	not started yet
9540	R Educadora da Bahia	40000	Salvador, BA	seldom heard
9550	R Pampa	90000	Porto Alegre, RS	09:00 - 22:00
9565	R Universo	80000	Curitiba, PR	09:00 - 22:30
9585	R Excelsior (Globo)	01216	Sao Paulo, SP	09:00 - 22:00
9600	R MEC	20021	Rio de Janeiro, RJ	15:00 - 03:00
9615	R Cultura	05036	Sao Paulo, SP	09:00 - 05:00
9630	R Aparecida	12570	Aparecida, SP	09:00 - 03:00
9645	R Bandeirantes	05651	Sao Paulo, SP	07:00 - 05:00
9665	R Marumby	88000	Florianópolis, SC	09:30 - 00:00
9685	R Gazeta	01310	Sao Paulo, SP	07:00 - 22:00
9695	R Rio Mar	69000	Manaus, AM	09:00 - 22:00
9705	R Nacional	20081	Rio de Janeiro, RJ	08:00 - 03:15
9725	R Clube Paranaense	80020	Curitiba, PR	08:00 - 03:00
9760	R Nacional	70000	Brasília, DF	21:00 - 01:00
11735	R Universal	74000	Goiania, GO	inactive
11745	R Cultura	85890	Foz do Iguacu, PR	not started yet
11780	R Nacional da Amazonia	70000	Brasília, DF	08:00 - 22:00
11785	R Guaíba	90000	Porto Alegre, RS	08:30 - 04:00
11805	R Globo	22210	Rio de Janeiro, RJ	09:00 - 03:00
11815	R Brasil Central	74000	Goiania, GO	08:00 - 03:00

11855	R Aparecida	12507	Aparecida, SP	09:00 - 03:00
11875	R Sociedade da Bahia	40000	Salvador, BA	inactive
11895	R Pampa	90000	Porto Alegre, RS	09:00 - 22:00
11905	R Universo	80000	Curitiba, PR	09:00 - 22:30
11915	R Gaucha	90000	Porto Alegre, RS	08:00 - 03:00
11925	R Bandeirantes	05651	Sao Paulo, SP	07:00 - 05:00
11935	R Clube Paranaense	80020	Curitiba, PR	09:00 - 03:00
11950	R MEC	20211	Rio de Janeiro, RJ	15:00 - 03:00
11965	R Record	04084	Sao Paulo, SP	10:00 - 22:00
15125	R Sociedade da Bahia	40000	Salvador, BA	inactive
15135	R Record	04084	Sao Paulo, SP	10:00 - 22:00
15165	Ceará Radio Clube	60000	Fortaleza, CE	inactive
15190	R Inconfidencia	30000	Belo Horizonte, MG	07:00 - 03:00
15200	R Nacional da Amazonia	70000	Brasília, DF	18:00 - 22:00
15215	R Timbira	65000	Sao Luis, MA	08:00 - 03:00
15265	R Globo	01226	Sao Paulo, SP	seldom heard
15325	R Gazeta	01310	Sao Paulo, SP	seldom heard
15415	R Clube	14100	Ribeirao Preto, SP	08:00 - 03:00
17815	R Cultura	05036	Sao Paulo, SP	09:00 - 05:00
17875	R MEC	20211	Rio de Janeiro, RJ	15:00 - 03:00

The numbers before the cities are the postal code, the abbreviations that follow are the states in Brasil's two-letter system. The times are in UTC, and the broadcast schedules are for winter, which is our summer. I hope that the list proves useful as DX reaches toward the high bands. ch.

### BRASIL (the logs)

3375	10:15	<u>R Nac, Sao Gabriel da Cachoeira</u> several ID's and anmts of QTH (342 4/23 Carlisle-WA)(this one continues to elude me here as I consistently log R Educadora, Guajará Mirim mornings. ch.)
4805	01:38	<u>Rdif do Amazonas LA Mx</u> that sounds more SS than PP (433 4/12 Bishop -NY)(ID's as "R Globo" Janusz-NJ)(possibly a new net affiliation? ch)
4815	09:48	<u>R Nac de Tabatinga</u> Braszopps Mx, might have heard Nac ID (241 4/29 Carlisle-WA)(Fred listed this as tentative, but I caught a definite ID between goaaaals on 4/22 ch)
4845	02:38	<u>R Nac da Amazonia</u> call-in Mx Px, RNA & Radiobras ID's (232 4/10 Janusz-NJ)(09:30 545 4/25 Robinson-TN)
4885	02:01	<u>R Clube do Para</u> OM ID & Mx (232 4/21 Froemming-AZ)(Gary ID'd the CW QRM as US Embassy in Monrovia. Here, I get a CW marker. When you are in a 5kw Colombian and a 2 kw Peruvian, it's a tough frequency. ch)
4975	00:40	<u>R Timbira</u> LA Mx, OM Tx (221 4/25 Bishop-NY)(I wish you'd pulled an ID on this one Forrest. It's not heard often and a real catch. ch)
9675	23:34	<u>R Nac do Amazonia</u> "Encontro Nacional" Px, love songs and letters from people who want to correspond with others - object matrimony? Surprised to find them here, not on 9760 (433 4/5 Westenhaver-PQ)
9762	01:50	<u>R Nac do Amazonia</u> ballad Mx, clear ID at 02:00 (322 4/15 Juasz -NJ)(back on frequency. ch)
11745	02:00	<u>R Nac do Brasil</u> EE Px (554 4/22 Kline-CA)(Bishop-NY) (I don't know what date's been set for the frequency changes on 25 meters, but it's probable that either Radiobras will move or R Cultura will show up on another frequency. ch)
11855	00:00	<u>R Aparecida</u> Brasopops, ID at 00:18 (322 4/21 Carlisle-WA)
11925	00:50	<u>R Bandeirantes</u> station ID and brasopops Mx (342 4/21 Carlisle-WA)
15135	00:29	<u>R Record</u> soccer match with occasional "Radio Record", ID's, ads, & promos (242 3/13 Westenhaver-PQ)(I doubt that it's a new time for s/off, Bill. It's just that a soccer match always over-rides any schedule in Latin America. ch) -PQ)
15190	00:47	<u>R Inconfidencia</u> Brasopops, ID, Volkswagen ad (243 3/13 Westenhaver
15203	21:38	<u>R Nac da Amazonia</u> lots of chat by OM DJ with a few songs. 21:54 with IS and anmt to tune to 11780 (444 4/10 Westenhaver-PQ)
15415	23:12	<u>R Clube do Ribeirao Preto</u> (tent) "Project Minerva" national Px // Inconfidencia on 15190, at 23:35 retune had faded to a low level but could distinguish non-stop brasopops (322 3/13 Westenhaver-PQ)
17815	23:31	<u>R Cultura</u> Non-stop brasopops to 23:39 TC and "R Cultura, a melhor música brasileira" Strong for listed 1 kw (433 3/9 Westenhaver-PQ) (left the power off in the list at the start of this section, but da Motta gives their power as 7.5 kw. ch)

CHILE

15140 23:50 R Sistema Nacional ads for Banco del Estado and insurance firm, then an interview with a rector of a university (544 4/24 Westenhaver-Pw)

COLOMBIA

4945 02:02 Caracol, Neiva Nx with ID (242 4/21 Froemming-AZ)  
 4865 10:45 L V de Cinaruco "L V de Cinaruco" ID at 10:57 (232 4/29 Carlisle-WA)  
 5095 08:56 R Sutatenza s/on ID with calls & freq of all stns in the cadena, voice-over prayer, TC for 04:00 (353 3/22 Westenhaver-Pw)(01:40 Froemming-AZ)  
 5955 10:30 L V de los Centauros "Amigos de Centauros" (a good example of an off-hand reference to a station. ch) "Buenos dias. Colombia" Px (545 4/22 Robinson-TN)  
 5975 11:00 R Macarena "R Macarena informa" ads, Nx (545 4/22 Robinson-TN)  
 6160 10:00 R Nac de Colombia "Radio de Colombia, Bogota", Nx (444 4/22 Robinson-TN)(the new lists show this station as "R Sucesos", a name change from "Emisora Nueva Granada". I believe the "Radio de Colombia" that you heard refers to the cadena RCN, not the station. ch.)  
 6170 09:50 L V de la Selva "Aqui Colombia" DJ Px, TC's & Caracol ID's. At 10:12 retune, caught station ID. (343 3/22 Westenhaver-Pw)

COSTA RICA

4832 11:00 R Reloj ID with echo chamber, Nx (555 4/28 Robinson-TN)  
 5055 00:19 Faro del Caribe YL Tx (211 4/28 Bishop-NY)  
 6175 10:15 Faro del Caribe LA pops, ID's (322 4/15 Carlisle-WA)  
 6150 11:00 R Impacto "R Impacto saludo ...." (555 4/21 Robinson-TN)

ECUADOR

3395 01:19 R Zaracay Tx abt Ecuador, then under UTE (322 4/21 Bishop-NY)  
 3280 10:00 L V del Napo (out of order) ID's, Px "Hour of Santa Maria", details of Px for the week (444 4/30 Robinson-TN)(if you listen carefully, note that this Px schd mixes both radio and church Px. ch.)  
 4870 01:50 R Rio Amazonas OM/YL drama (321 Bishop-NY)  
 4920 04:52 R Quito Nx with fanfare between items, ID's as "Radiodif Nacional" (222 4/4 Janusz-NJ)(the Radiodif Nacional ID is for the cadena of stations that carry two long daily newsblocks from R Quito. ch.)  
 4960 00:06 R Federación OM Tx (232 4/25 Bishop-NY)  
 5040 10:50 L V del Upano Ode to Joy (theme Mx, ch.), NA, ID, & prayer, into clasical Mx Px (545 4/29 Robinson-TN)(Bishop-NY)  
 5050 01:03 Jesus del Gran Poder Tx, ID, NA, & 01:06\* (322 4/25 Bishop-NY)

GUATEMALA

3300 10:00 R Cultural "R Cultural" ID, variety of vocal Mx (555 4/20 Robinson-TN)(01:02 Bishop-NY)  
 3370 01:14 R Tezulutlán Guatemalan Indian Mx (322 4/21 Bishop-NY)(all of the Guatemalans except 2360 kHz were active this month. ch.)

HONDURAS

3250 01:08 R Luz y Vida OM Tx (322 4/12 Bishop-NY)  
 4755 01:27 Sani Radio LA Mx (433 4/12 Bishop-NY)  
 4820 01:48 L V Evangelica (322 4/12 Bishop-NY)

MEXICO

6115 04:42 R Univ de Hermosillo LA pop Mx, ID at 05:03 (131 4/7 Carlisle-WA)

PARAGUAY

9735 10:00 R Nac de Paraguay ID, songs of Paraguay (545 4/26 Robinson-TN)(23:00 Robinson-TN)

PERU

4810 09:30 R San Martin huaynos, "R San Martin, servicio ...." (444 4/18 Robinson-TN)  
 4825 10:25 L V de la Selva Andean Mx which sounded more HC than OA, ID at 10:29 242 3/26 Westenhaver-Pw)(the OA sound in the Mx is the result of modern composers expanding the number of huaynos, but drawing their inspiration from the Inca ceremonial music reconstructed by Yma Suma and Moises Vianca (sp ?) The HC sound is equally Peruvian, but whose roots are not so deep in history. The Condor Passes, another effort at reconstruction, also had influence in some areas. But this is outside my field and the ability of my tin ear. There's space in this column for anyone who writes with authority on "Andean" music.)

PERU (cont)

- 5274 04:02 R San Juan de Chota (tent) thot I heard "R San Juan" ID at 04:44, OA Mx, Na, and 05:03\* (342 4/26 Carlisle-WA)
- 6115 06:50 R Unión upbeat SS Mx, promo for anniversary of "Unión, la Radio" (243 3/20 Westenhaver-PQ)
- 6281 03:45 R Huancabamba ID & QTH at 04:00, campasino Mx (131 3/31 Carlisle-WA)
- 9655 13:50 R Norperuana Mx from Peru and adjacent countries, ID "esta es R norperuana", short Mx theme (Anniversary Waltz? ch) at frequent intervals (444 no date Atkins-GA)(Carlisle-WA)
- 8515 03:20 R Amistad OA & romantic Mx, "Amistad" ID at 04:06 (121 4/11 Carlisle-WA)

VENEZUELA

- 3225 01:06 R Occidente OM DJ (322 4/12 Bishop-NY)
- 4780 09:30 L V de Carabobo LA vocals, Musical "La Voz de Carabobo" at 10:00 (545 Robinson-TN)(01:55 Froemming-AZ)
- 4830 00:58 R Tachria frequent ID's until 01:01 followed by nearly non-stop LA Mx (232 4/10 Janusz-NJ)(Bishop-NY)(Froemming-AZ)
- 4840 09:30 R Valera "Esta es R Valera", 4 notes on an auto horn, "atencion", and into ad block (444 4/23 Robinson-TN)
- 4850 08:09 R Capital mostly EE US pops (443 4/11 Janusz-NJ)(Robinson-TN)
- 4970 02:00 R Rumbos OM with ID & Mx. off frequency and with bad audio (343 4/20 Froemming-AZ)(Janusz-NJ)(Bishop-NY)(it's not exactly a new problem. For months, I've noted them a bit low and their USB seems rather distorted. ch.)
- 4980 00:29 Ecos del Torbes LA Mx (433 4/25 Bishop-NY)
- 9660 11:50 R Rumbos "Noti-Rumbos" plus ads for a pastelería and a jeweler, promo for their soap operas. (343 2/25 Westenhaver-PQ)
- 11849 21:04 R Nacional, Caracas top ten style Mx show, mentions of "Nacional", "aquí en Nacional", and "La Radio de Venezuela" (433 3/27 Westenhaver-PQ)

4910 kHz might be a good frequency to watch. On 5/3, I heard a weak station on the frequency until 03:02\* playing medium LA Mx with frequent ID's in SS in the typical test program format. There was one taped ID repeated several times that started with a few bars of Siboney and most of the ID's also gave the frequency. But after replaying 2 hours of tape twice, I still couldn't identify the station. I did hear "La Voz de ....." once, but many use that form in introducing a musical selection. The signal was awfully low for a 60-meter Honduran unless they were running barefoot, but there have been reports floating around for months now that L V de la Mosquitia was being rebuilt. In any case, it didn't sound like Gran Colombia or Tawantinsuyo.

On 4/22, an Ecuadorian signed off at 04:02 after the NA and a mention of Ambato. It was "Radio .....", but the name went under a UTE.

On 5/10, Peru's Radio Imagen was on all night with a party (Saturday night). They ID'd "R Imagen en la ciudad de Tarapoto".

The clandestine, Radio Caimen, is back on 9960. Noted on 5/10 thanks to a tip from Bill Westenhaver saying that the change in frequency was scheduled.

Here in Mexico, the composers have started lobbying for a regulation requiring the stations to announce the composer of each musical selection. Now that most Latin American countries require a major percentage of national music, it's possible that this sort of regulation could become another unenforcable law.

Next month I'll add a few more logs from here and try to make the lists a little more complete. I edited out most this month as low band propagation is on a downswing. It should bottom by July and start up again which would mean data from this "southern outpost" would be more useful in identifying the stations as they struggle above the noise level.

73's & CU in 30

*Carl*

PROP	Daniel Sampson Route #1, Box 36 Black River Falls, WI 54615-9714		PROP
	<b>Deadline: 12th</b> <b>Times/Dates: UTC</b> <b>Frequencies: KHz</b>		
			PROP

Joerg Klingenfuss has been on another DXpedition this time to the Yemen Arab Republic. The reports from him are all for April 5-20. Joerg will be going on another monitoring mission May 15-June 25 to the tropics and I'm sure we can expect a report from him the next month or two. I'm going to be busy packing for my trip to the C&NW Historical Society convention tomorrow so any reports that come in late will have to wait until next month.

**ALBANIA Radio Tirana**

- 7065 0330 **RI** EE; YL, mineral deposits in Albania (444 4/2 Langlois-FL)
- 9430 2149 **RI** SS; OM w/ ID "Sintoniza R. Tirana," tlks about education system in Albania (444 4/23 Westenhaver-QU)
- 9480 2233 **RI** EE; wld nx, Press Review, "History of Albania" (333 4/19 Gerstner-NY)

**AUSTRIA Radio Austria International**

*Somehow the time were erased under the Austria heading by the computer so times listed are those in RAI's broadcast schedule.*

- 6155 04-17 **RAI** EE; "Rpt from Austria," tlk, mx (433 4/21 Bishop-NY)(Kline)
- 9655 2306 **RAI** SS; ID, tlk about 1st anniv. of Chernobyl w/ comments by Austrian Health Minister (343 4/24 Westenhaver-QU)
- 15270 10-12 **RAI** GG; OM ID, IS, cl mx (433 Klingenfuss-Y.A.R.)
- 15320 12-13 **RAI** EE; "Profile" on beer brewed in monasteries (444 4/13 Fraser-MA)

On 5/3 **RAI** is changing their freq to NAm from 0000-0300 to the East Coast and 0300-0500 to the West Coast to 9550 ex-6155 (World of Radio 4/25)

**BELGIUM Belgische Radio en Televisie <> Radio-Télévision Belge de la Communauté Française**

- 7140 1030 **BRF** via **RTEF** GG; nx, ID, GG svce (444 4/28 Gager-Austria)
- 9670 2200 **BRT** Dutch; IDs, nx of Flanders, George Schultz, Kenya (545 4/16 Robinson-TN)
- 9925 2330 **BRT** EE; "R. Wld," rpt on R. Japan, mx from Flanders (444 4/12 Gerstner-NY)
- 11985 1839 **BRT** Flemish; OM tlk (544 Klingenfuss-Y.A.R.)
- 15590 1345 **BRT** EE; "Brussels Calling," mx, Pakistani delegation in Brussels (232 4/17 Wright-MB)(Neff-OH)
- 17585 1340 **RTEF** FF; live spts rpts, light pop songs, splash de R. Moscow on 17590 (333 4/12 Westenhaver-QU)

**BULGARIA Radio Sofia <> Radio Moscow relay**

- 7115 0124 **RM** EE; end "Moscow Mailbag," // 7150 (453 4/27 Janusz-NJ)
- 0300 **RS** EE; nx, Geneva disarmament conf., Interparliamentary Union, "Lifestyle," CW QRM (343 4/29 djs-WI)(Preston-CA)
- 7670 1100 **Stolnik** Bulgarian; ID, nx, mx (333 4/30 Gager-Austria)
- 11720 1830 **RS** EE; IS, OM ID, sked (544 Klingenfuss-Y.A.R.)
- 11765 0500 **RS** EE; IS, ID, nx (544 4/27 Miller-CA)
- 11880 0055 **RS** PP; nx, closing anmts call this svce for Brazil & Portugal, disco-style mx, IS, into SS @ 0100 (433 4/28 Westenhaver-QU)

**CZECHOSLOVAKIA Radio Prague**

- 5930 0130 **RP** EE; stamp info, ID, jazz (444 4/5 Neff-OH)(Janusz-NJ)
- 7345 0307 **RP** EE; comments on visit by the Pope, wld nx, comment on Argentina (444 4/3 Levison-PA)(Langlois-FL)(Goodman-IA)

CZECHOSLOVAKIA continued

9630 2311 RF multi-ling.; GG spts, FF nx @ 2312, 2316 EE nx. 2321 "Inter-Programme" ID in Czech/GG/FF/EE, chamber mx. // 6055 (333 4/24 Westenhaver-QU)  
 9740 0122 RF EE; ID, Czech folk song about Easter, co-channel RHC (332 4/18 Westenhaver-QU)  
 11990 0102 RF EE; nx, Prime Minister Strougal visits Beijing (232 4/25 Westenhaver-QU)

DENMARK Radio Denmark

9540 42300 Danish; OM w/ ID, IS, YL w/ nx (444 4/15 Trotto-FL)

FINLAND Radio Finland

11715 0458 RF Finnish; IS. ID in several langs incl. EE, time pip, OM w/ tkl (nx?) (333 4/16 Preston-CA)  
 11755M 0430 RF EE; "Northern Rpt" about the new coalition govt, "Air Mail" (553 4/28 Kline-CA)(Klingenfuss-Y.A.R.)(Preston-CA)

FRANCE Radio France International

6055 0030 RFI FF; cultural rpt by YL, LAM mx. tkl about films, ID @ 0058 (333 4/26 Dillon-MD)  
 7160 1845 RFI FF; OM tkl. // 11995 (555 Klingenfuss-Y.A.R.)  
 7175 0412 RFI FF; OM anmts. // 7135 (322 Klingenfuss-Y.A.R.)  
 7280 0342 RFI EE; nx, protests in Poland, ID, mx (232 4/30 Brown-IL)  
 9790 1848 RFI FF; OM tkl. // 11995 (443 Klingenfuss-Y.A.R.)  
 9805 1849 RFI FF; OM tkl. // 11995 (542 Klingenfuss-Y.A.R.)  
 11805 1841 RFI FF; OM tkl. // 11995 (222 Klingenfuss-Y.A.R.)  
 11965 2157 RFI FF; IS, ID, opening anmts, QRM de Havana on 11960 (433 4/4 Rocker-MS)(Klingenfuss-Y.A.R.)  
 11995 1840 RFI FF; OM tkl (555 Klingenfuss-Y.A.R.)  
 15155 1124 RFI EE; YL politics (343 Klingenfuss-Y.A.R.)  
 17650 1354 RFI FF; YL tkl, pop mx. // 11670 (433 Klingenfuss-Y.A.R.)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International <Stimme der DDR

5955 0408 RBI EE; Robin Parker intvws 2 YL academics in Berlin for a conf. in urban studies (333 4/19 Westenhaver-QU)  
 6115 1103 SDD GG; nx, Washington, Moscow, Berlin 750 years (444 5/2 Gager-Austria)  
 1305 DI64 GG; pop mx, tkl, pgm on Friday via SW relais (444 4/30 Gager-Austria)  
 9560 0408 RBI EE; tkl about GDR building, church restoration, "Dateline Berlin," 0415\* (554 4/26 Miller-CA)  
 9730 2302 RBI EE; nx, spt, tkl on a visit to a musical instrument factory, tkl on restoring old buildings (333 4/21 Gerstner-NY)  
 11970 1838 RBI FF; OM ID, sked (532 Klingenfuss-Y.A.R.)  
 15105 0042 RBI SS; freq sked, nx headlines, disco mx (454 4/29 Janusz-NJ)  
 17755 1227 RBI EE/FF; s/off & freq anmt for Afr svce in EE, IS, into FF @ 1230, EE pgm // 15240 (232 4/29 Westenhaver-QU)

GERMAN FEDERAL REPUBLIC Deutsche Welle <Bayerischer Rundfunk >R. Free Europe  
 Suddeutscher Rundfunk <Sudwestfunk 3 >Sender Freies Berlin <R. Liberty

5985 1000 RFE Hungarian; // 7115, 9725, 11895 & 15355, Pope in W. Germ. catholic mass in GG (444 5/3 Gager-Austria)  
 6030 0719 SK GG; pop mx, Madonna, Duran Duran (444 5/2 Gager-Austria)  
 6085 1355 BR GG; commercials, ID, spts, soccer live (444 5/2 Gager-Austria)  
 6190 1330 SFE GG; spts, youth soccer final game (444 5/2 Gager-Austria)  
 7265 1203 Sudw.3 GG; ID, pop mx, traffic watching, commercials, film tips, French film (444 5/2 Gager-Austria)  
 9605nf 0109 DW EE; ID, rpt on 2nd day of Pope's visit to W. Germ., site anmt @ 0149\* (544 5/3 Westenhaver-QU)  
 9735 0400 DW GG; IS, OM, ID, sked, nx (444 Klingenfuss-Y.A.R.)  
 11765 0500 DW EE; tkl about S. Korea Olympic games plans, nx of Africa, into FF (433 4/21 Preston-CA)  
 11795 1634 DW GG; OM nx (544 Klingenfuss-Y.A.R.)  
 15275 1504 DW GG; OM nx. // 11795 (554 Klingenfuss-Y.A.R.)  
 17750 1404 RL Kazakh; YL w/ press review, ID @ 1408 "Azattic radivosinan s'oylep turmiz," (433 4/24 Westenhaver-QU)

In their EE b/c to NAM Deutsche Welle has made these changes for J86: 0100-0150 9605 added, 0300-0350 6185 dropped, 0500-0550 9545 dropped, 9635 & 9700 added. (Westenhaver-QU)

**GREAT BRITAIN** **British Broadcasting Corporation**<Voice of America relay  
 6110 0412 **BBC** SS; LAm nx, 0414 into EE then off (333 4/11 Janusz-NJ)  
 6195 0350 **BBC** EE; "Vintage Chart Show," to N&E Eur, co-channel CBC NQS  
 (322 4/11 Westenhaver-QU)  
 7150nf 0627 **BBC** EE; press review, "Meridian," artistic license in docudramas  
 (454 4/18 Janusz-NJ)  
 7185 0401 **BBC** EE; OM, ID, nx (555 Klingenfuss-Y.A.R.)  
 12095 1030 **BBC** EE; British comedy pgm during WWII, // 9750 (353 4/8 Fraser)  
 15205 1530 **VOA** EE; ID, "Now Mx USA," splash de Afr. #1 on 15200 (232 4/21  
 Westenhaver-QU)

**GREECE** **Voice of America**<Voice of America relay  
 7205 0232 **VOA** EE; rpt on the Kentucky Derby, rpt on fluorocarbons (222 5/3  
 Brown-IL)  
 7430 0328 **VOG** Greek; ID, OM w/ tlk, vocal & inst mx, 0350\* (333 4/18  
 Preston-CA)(djs-WI)(Brown-IL)  
 9395 2330 **VOG** EE; YL, tiks of Kurdish guerillas, Church of Athens (555  
 4/12 Robinson-TN)  
 9420 0135 **VOG** EE; OM w/ nx, FRG & France meet to discuss French missiles &  
 future arms control, Greek mx (353 5/4 Allen-CA)(Thompson-CA)  
 11595 2025 **Thessaloniki** Greek; Greek folk mx, ID as "Radiofonikos Stathmos  
 Makedonias" (444 4/10 Ross-ON)  
 11645 1348 **VOG** Greek; Greek song by OM, ID, sked, QRT (554 Klingenfuss)  
 15150 1540 **VOA** AA; YL ID, light mx (454 Klingenfuss-Y.A.R.)  
 15630 1237 **VOG** EE; rd nx, songs, into Greek @ 1250\* (243 4/6 Hesch-NY)

**HUNGARY** **Radio Budapest**  
 6025 0100 **RE** EE; ID, pop songs, tlk of immunization war (545 4/7 Robinson)  
 9835 0220 **RE** EE; tlk on Native American conf. in NM, 0227 IS, into  
 Hungarian (342 4/15 Janusz-NJ)(Gerstner-NY)  
**R. Budapest** freq changes for EE b/c from 5/3 are @ 0100-0130 Tu-Su, 0200-0230  
 & 0300-0315 w/Sa to NAM on 6110 ex-15160; 0930-1000 to Aust, NZ & Jap 15220 &  
 15160 ex-21665 & 21525; 1050-1120 M-F to Eur/Scand 7225 & 6025 ex-15160 &  
 9585; 1430-1500 M-Sa to Asia 21665, 21525, 17710 & 15220 ex-17780, 15160, 9835  
 & 9585 (direct)

**IRELAND** **Radio Dublin International**  
 6909.59 0324 **EE**; pop & rock mx, OM DJ w/ IDs "R. Dublin-24 Hours a Day-7 Days  
 a Week," QRM & QSB (322 4/13 Ross-ON)

**ITALY** **Radiotelevisione Italiana**<**Radio Spoleto International**>**Radio Uno**  
 6060 0420 **RU** II; pop mx, night pgm (333 5/1 Gager-Austria)  
 7140 1200 **REI** II; IDs, jingles, pop mx (242 4/28 Gager-Austria)  
 7275 0426 **RAI** EE; nx, to S. Eur, ARD QRM, splash de RSA on 7270 (322 4/26  
 Westenhaver-QU)  
 9575 0105 **RAI** EE; tired sounding YL w/ nx (222 4/18 Johnson-CA)(Fraser-MA)  
 11800 0100 **RAI** EE; nx, Parliamentary debate on new gov't, EZL mx after 0110  
 (454 4/21 Fraser-MA)(Rocker-MS)(Allen-CA)

**LUXEMBOURG** **Radio Luxembourg**  
 6080 1420 **GG**; spts, soccer, pop mx (444 5/2 Gager-Austria)  
 15350 2035 **FF**; American country mx, ad for Petro Fina, DJ, ID in EE @ 2057  
 (333 4/5 Shafier-PA)

**MALTA** **Deutsche Welle** relay  
 6110 2102 **IBRA R.** EE; ID, songs, Canadian address (333 5/2 Gager-Austria)  
 9545 0408 **DW** GG; OM nx (555 Klingenfuss-Y.A.R.)  
 11795 1501 **DW** GG; OM nx (555 Klingenfuss-Y.A.R.)

**MONACO**  
 7205 1345 **ERF** via **TWR** GG; DX pgm (444 5/2 Gager-Austria)

**NETHERLANDS** **Radio Nederland**  
 6020 2330 Dutch; wld nx, ID, rpts on Suriname & Brazil (433 4/27 Dillon-  
 MD)(Miller-CA)(Brown-IL)  
 7175 0422 **EE**; closing anmt w/ times of evening b/c to Afr., 0423\*, mixing  
 w/ RFI (322 4/17 Westenhaver-QU)



**NORWAY Radio Norway International**

9595 0155 RNI EE; IS, ID, s/on (433 4/6 Ross-ON)  
 9610 0001 RNI EE; nx, rpt on warning issued to British soldiers concerning  
 Norw. girls (433 4/13 Gerstner-NY)  
 9650 0357 RNI Norw.; IS, ID, sked info, nx, tlk (443 4/30 Thompson-CA)  
 9655 1700 RNI EE; ID, nx, Washington, UN, S. Afr. (444 5/3 Gager-Austria)  
 15310 1400 RNI EE; nx, public opinion on asylum seekers in Norway, skiing  
 (343 4/19 djs-WI)

**POLAND Radio Polonia**

6085 1410 RP EE; ID, nx, comtry, Top 20 pgm (444 5/2 Gager-Austria)  
 7125 2247 RP EE; "Panorama" w/ rpt on Palace of Culture & Science in  
 Warsaw, // 6135 & 7270 (433 4/7 Westenhaver-QU)  
 7270 2238 RP EE; comments on Agriculture, physical education, spts (343  
 4/15 Levison-PA)(Gerstner-NY)

**PORTUGAL Radio Portugal<DW relay>Radio Free Europe<Radio Liberty**

9680 0030 RF EE; OM, ID, wld nx (Langlois-FL)  
 9705 0320 RF EE; travelog description of Algarve district, accordion mx  
 interludes, EE pgm end @ 0330 (333 4/21 Preston-CA)(Miller-CA)  
 15215 1848 RFE Romanian?; 60's tunes, ID @ 1855, nx (343 4/29 Trotto-FL)  
 15380 2344 RL RR; 2 OM in dialogue, 2348 ID "R. Svoboda," tlk, // 15340  
 (243 4/22 Westenhaver-QU)  
 21680 1200 DW GG; OM ID, sked, nx (555 Klingenfuss-Y.A.R.)

**ROMANIA Radio Bucharest**

5990 0348 RB SS; low-key tlk, IS, EE freq sked, QRM VOFC on 5985 (322 4/11  
 Janusz-NJ)  
 9690 2100 RE EE; Euro. svce, tlk of Bucharest Int'l Fair (545 4/9 Robinson)  
 11940 1047 RE EE; tlk about Ceaucescu's visit to Afr & its importance (343  
 4/11 Westenhaver-QU)

**SPAIN Radio Exterior de Espafia<Radio Liberty**

6125 0027 REE EE; wx rpt, alot of QRM (322 4/21 Bishop-NY)(Janusz-NJ)  
 9630 0028 REE EE; proposed Jewish Studies center in Toledo (534 4/10  
 Janusz-NJ)(Kline-CA)(Fraser-MA)(Neff-OH)(Gerstner-NY)(Brown-IL)  
 11750 2014 REE SS; "Radiorama" magazine pgm w/ rpts on philatelic  
 exhibition, SS textiles (444 4/13 Westenhaver-QU)  
 15125 1900 REE EE; to Eu, mailbag pgm, inst mx (343 4/4 Rocker-MS)  
 15370 2225 RL RR; ID "Govorit R. Svoboda" thru intense jamming (311 4/12  
 Rocker-MS)  
 15375 1850 REE EE; "Press Review," nx of elections, foreign visitors,  
 "Radio Club" (333 4/11 Orr-CA)

**SWEDEN Radio Sweden International**

9695 2300 RSI EE; Swedish & nordic nx, increase of radioactivity last  
 month in Sweden, wx (433 4/14 Gerstner-NY)(Robinson-TN)(Miller)  
 11705 2328 RSI Swedish; IS, ID in sev. langs, OM w/ tlk, // 9695 (333 4/18  
 Preston-CA)  
 15345 1415 RSI EE; "Nordic Nxweek," intvw w/ filmmaker, increase in tourism  
 (353 3/28 Wright-MB)(Robinson-TN)  
 15420 2005 Sveriges Riksradio Swedish; OM w/ nx, intvw, ID @ 2015, tlk,  
 into mx, speech (444 4/30 Trotto-FL)

**SWITZERLAND Swiss Radio International**

3985 2010 SRI GG; tropical special pgm every Friday, 1st Fr Afro-Caribe  
 mx, 2nd Fr Africa mx, 3rd Fr Reggae mx, 4th Fr Selso mx (444 5/1  
 Gager-Austria)(Klingenfuss-Y.A.R.)  
 6135 0105 SRI GG; musicbox, 0113 EE sked, tlk in GG (533 4/27 Janusz-NJ)  
 9725 0200 SRI EE; nx, US is ready to make a proposal to the USSR on arms  
 control, "Newslines" (444 5/4 Brown-IL)  
 9885M 0205 SRI EE; nx, ID, rpt from UN about psychology misuses in the wld,  
 churches in Switz. (453 4/17 Kline-CA)(Brown-IL)  
 11955 2110 SRI EE; "Grapevine" (444 4/19 Neff-OH)  
 12035 2100 SRI EE; wld nx, "Dateline," analysis of Soviet nuclear proposal  
 (353 4/11 Jones-TX)(Neff-OH)(Robinson-TN)  
 15570 1331 SRI EE; nx, fighting in Philippines, bomb attack in S. Afr.,  
 "Dateline," tlk on soccer (242 4/21 djs-WI)

U.S.S.R. **Radio Moscow**<**Radio Kiev**

5915 0114 **RM Vinnitsa** Ukraine (UHN) EE; "Moscow Mailbag," nx in brief, "Top Priority" w/ discussion on nuclear missiles (343 4/27 djs)

5925 2035 **R. Tallin** Estonian; ID, time, tlks, technology (333 5/2 Gager-Austria)

5935 2020 **R. Riga** Swedish; ID, tlk about Labor Day (333 4/30 Gager-Austria)

5950 0320 **RM Vinnitsa** Ukraine (UHN) lang/Slavic; muzek mx to 0330, Slavic tlk, more mx @ 0355, ID @ 0400 (232 4/12 Janusz-NJ)

6015 0000 **RM Minsk** Byelorussian (RDI) RR; IS, OM ID, nx (454 Klingenfuss)

6155 1420 **RM** EE; nx, comtry, trade sanctions betw. US & Japan (554 4/26 Miller-CA)

7165 0200 **RK** EE; static, rpt on Nazi criminals & their acts during WWII (151 4/29 Bowden-CA)(Gerstner-NY)

0301 **RM Lvov** Ukraine (RDI) EE; nx, Soviet missiles proposal, snow in Kiev, "Nx & Views" (444 4/28 djs-WI)

7320 0300 **RM Krasnodar** ERSFSR (RDI) EE; nx, May Day celebration, "Nx & Views," Soviet-S. Afr. meeting (343 4/30 djs-WI)(Westenhaver-QU)

9895 0412 **RM** EE; OM politics (555 Klingenfuss-Y.A.R.)

11745 1832 **RM Vinnitsa** Ukraine (RDI) FF; YL ID, nx (433 Klingenfuss-Y.A.R.)

11980 1706 **RM** EE; African nx, ID, African svce, // 12055 (222 4/17 Janusz)

12020 1407 **RM** light mx (544 Klingenfuss-Y.A.R.)

12025 1428 **RM** EE; jazz, pop mx, CW QRM (222 5/12 djs-WI)

12030 1408 **RM** light mx, // 12020 (544 Klingenfuss-Y.A.R.)

12055 1706 **RM** EE; African svce, // 11980 (342 4/17 Janusz-NJ)(Westenhaver)

12060 1409 **RM** light mx, // 12020 (443 Klingenfuss-Y.A.R.)

12070 1411 **RM** light mx, // 12020 (554 Klingenfuss-Y.A.R.)

13645 2341 **RK** EE; DX Club pgm, "Music from Ukraine," // 6200 & 7165 (242 4/26 djs-WI)

13795 1849 **RM** EE; ID, promo for "Culture & the Arts," jazz, to Afr per sked (242 4/21 Westenhaver-QU)

15150 1124 **RM** EE; OM ID, politics (454 Klingenfuss-Y.A.R.)

15475 1420 **RM** EE; nx of Asia & Pacific (444 4/9 Neff-OH)

17655 1431 **RM** EE; "Focus on Asia & the Pacific," intvw w/ visiting Australian ballet dancer David McAllister (343 4/12 Westenhaver)

VATICAN CITY STATE **Vatican Radio**

6185 2342 **VR** EE/II; light piano mx, EE ID, vocal version of IS, 0002+, // 6250 (433 4/26 Westenhaver-QU)

9605 0101 **VR** EE; "The Church Today," UN relief forces to bring supplies into Lebanon, efforts to release detainees in S. Afr. (353 4/25 Kline-CA)(Hesch-NY)(Miller-CA)

9645 0630 **VR** EE; rpt on Pope's visit to Chile, minimizing rpts of rioting, QRM de BBC on 9640 (222 4/3 Preston-CA)

9650 0247 **VR** bells IS (111 4/30 Brown-IL)

15120 1530 **VR** EE; ID, The Voice of the Pope (333 4/15 Neff-OH)

WEST BERLIN **RIAS-Berlin**

6005 1100 **GG**; ID, special sw pgm, mx feature, 750 years (444 5/3 Gager-Austria)

YUGOSLAVIA **Radio Yugoslavia**<**Radio Pristina**><**Radio Skopje**><**Radio Titograd**><**Radio Ljubljana**><**Radio Beograd**>

6100 2000 **RS** Serbo-Croat; ID, nx, tlk, local mx, only on Sat (444 5/2 Gager-Austria)

7200 1825 **RE1** Yugoslavian; Yug. mx, tlks, 2000 nx (333 5/1 Gager-Austria)

7240 0700 **RT** Serbo-Croat; IDs, local mx, tlks, nx, address, only on Sat. (444 5/2 Gager-Austria)

0700 **RP** Albanian; ID, nx, tlks, folclose mx, spt, culture nx, only on Sunday (444 5/3 Gager-Austria)

0800 **RL** Slovenia; ID, local mx, tlks, address, only on Sat. (444 5/2 Gager-Austria)

0800 **RS** Serbo-Croat; ID, nx, tlk, folclose mx, spt, only on Sunday (444 5/3 Gager-Austria)

11735 \*2300 **RY** SS; YL w/ ID, pgm details, nx (232 4/24 Westenhaver-QU)

UNIDENTIFIED

12025 1443 **TWR**-Monte Carlo music box IS for 2 minutes, tlk by OM in unid lang (333 4/15 Atkins-GA) On 5/12 the RMWS was heard here in English by your editor. *Nanil*

# Africa

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

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

Submission Deadline is the 12th.

As Ed McMahon would say, "I'll bet that in this one column you could find EVERYTHING THERE POSSIBLY IS TO KNOW ABOUT AFRICAN DX'ING!!" To which we would reply, "Wrong, Botswana-barnyard-breath. Not everything, but plenty nonetheless....."

LOGGINGS FOR JUNE, 1987

Best Bets: ●=ECNA, ●=WCNA

## ALGERIA

- 9509 1939 R. Algiers: EE; nx recap, M ID as R. Algiers International, weekly sports news survey. 333(5-24 ed.)
- 15160 1345 R. Algiers: FF; W ancr, FF Cafe-type mx. They could use better audio on their broadcasts. [Few African b/c'ers couldn't.-ed.] 422(4-19 Havrilko-UK)
- 15205.4 1334 R. Algiers: AA; M ancr, into AA music. 432(4-19 Havrilko-UK)
- 17745 2000 R. Algiers: EE/SS; s/on in EE w/freq & time info, foll by pgm in SS. 322(4-12 Jones-TX). @1740 in AA, QSB a problem. 343(4-22 Westenhaver-QUE)

## ANGOLA

- 7245 0425 R. Nacional: PP; W w/talks, "R.Nacional" ID, mx. Mixing w/Libyan. 323(4-9 Berri-CA). @0540 in vern, distorted audio. 141(4-18 Carlisle-WA)
- 9720.2 0537 R. Nacional: PP; W leads a.m. exercise regimen to 0545, then mx. Holding its own against RN/9715. 433(5-27 ed.)

## ASCENSION ISLAND

- 7105 0458 BBC Relay: EE; end economic report, into nx. 322(4-11 Janusz-NJ)
- 9515 2204 BBC Relay: EE; nx, Anna Massey reads from novel. 352(4-26 Kline-CA)
- 15400 1026 BBC Relay: EE; Letter from America: the malfeasance of Michael Deaver. [Sounds like a new sitcom title, eh?-ed.]. 243(4-11 Westenhaver-QUE)
- 17880 1620 BBC Relay: EE; How Safe is Nuclear Power? pgm. 1644\*. 444(4-26 Sampson-WI)
- 17885 1215 BBC Relay: EE; Big Ben, mx by Debbie Harry. Better here than //17790. 344(4-30 Havrilko-UK)

## BENIN

- 4870 0530 LV de la Revolution: vern/FF; M presumed nx, local mx; ID @0607. 342(4-15 Carlisle-WA). @1912 in FF w/hilife mx. 343(4-19 Havrilko-UK)

## BOTSWANA

- 3356 0440 R. Botswana: EE/Sets; religious mx, W ancr. 433(4-26 Shaffer-PA)
- 4820 0355 R. Botswana: Sets/EE; farm sounds IS to EE ID @0400, then into Sets tlk. Some QRM de HRVC. 232(4-15 Miller-CA). @2100\* w/NA. 211(4-27 Bishop-NY)

## BURKINA-FASO

- 4815 2330 R. Burkina: FF; M freq info, uptempo vcl mx, kalimba mx, "Ici Burkina-Faso", NA @0000\*. 545(4-19 Robinson-TN). 444(5-6 Havrilko-UK). 433(4-7 Bishop-NY). 333(4-17 Gerstner-NY)

## BURUNDI

- 3300 2029 R. Dif. National(t): FF?; M hrd w/tlk in FF or possibly local dialect. Deep QSB, UTE QRM. 322(4-12 Havrilko-UK)

[I've made several (t) logs of this myself in the past few days-late May, around +0300 when it occasionally overrides our Guatemalan buddies. Look for it--be patient.-ed.]

CAMEROON

- 4850 2232 R. Cameroon: FF; pgm of recorded jazz concert, M ancr. 333(4-21 Gerstner-NY). @1915 RTTY QRM. 422(4-19 Havrilko-UK). @0449. 332(4-24 Carlisle-WA)
- 5010 2230 R. Garoua: vern; IS, ID by M, local mx. 444(5-6 Havrilko-UK)

CHAD

- 4960 2135 RN Tchadienne: FF; Afro vocals, FF tlc; weak but improving until s/off. ID, choral song, orchestral NA to 2202\*. 252. Heard again @\*0457 w/IS, NA's, ID. 353(4-21 D'Angelo-PA)
- 5288 0515 R. Mondou(t): AA; AA chants & string mx, M tlc between selections. Bad QSB, no ID heard. 222(4-12 Ross-ONT)

COTE D'IVOIRE

- 4940 2352 R. Cote d'Ivoire: FF; Afro mx, M dj, into soccer coverage. 433(4-27 Bishop-NY). @2144 under Ukraine. 422(5-6 Havrilko-UK)
- 7215 0640 R. Cote d'Ivoire: vern/FF; vern tlc, bit of flute mx, brief FF anmt, some "Chariots of Fire" mx, ID @0646, into nat'l nx. //6015. 242(4-11 Westenhaber-QUE)
- 11920 2315 R. Cote d'Ivoire: FF; eclectic pop mx pgm, soft-voiced DJ; closing ID, vocal NA @2355\*. Mixing w/Morocco by 2345. good(5-4 Sheedy-CA)

DJIBOUTI

- 4780 1013 R. Djibouti: AA; AA mx noted at var times from 1013-1619. Average SIO 354(4/87 Klingenfuss-YEMEN)

EGYPT

- 9475 0250 R. Cairo: EE; Egyptian mx, W ID @0300, mailing address & invitation for listeners' response. 222(4-22 Preston-CA). 322(4-12 Brown-IL). 333(4-6 Janusz-NJ). 433(4-21 Miller-CA)
- 9900 0105 R. Cairo: AA; M w/news. 323(5-10 Uerlings-OR)
- 12050 2040 R. Cairo: AA; interview w/scientist, AA mx, "Beautiful Language" pgm w/ Faruq Shushah; ID & tc @2058, chimes @2100, world mx. 444(4-13 Dillon-MD). 333(4-23 Westenhaber-QUE). 544(5-6 Havrilko-UK). 555(4-20 Robinson-TN)
- 15220 2335 R. Cairo: AA; test tone to \*2345 w/chimes; M anmt, ID, into flute mx. QRM de WYFR/15215. 222(4-24 Westenhaber-QUE)
- 17785 \*1645 R. Cairo: Shona(listed); chimes, brief anmt by M, opening theme mx, :30 dead air, into flute mx. Mainly under co-channel VOA. 222(4-25 Westenhaber-QUE)

EQUATORIAL GUINEA

- 5004 2110 RN Bata: SS; SS pops, M/W ancrs, ID @2131. UTE QRM. 433(4-19 Havrilko-UK)
- 9553 1957 R. Nacional: EE; religious pgm, gave address in VA; no ID on the hour, into more canned religion. 222-333(4-10 Ross-ONT)

ETHIOPIA

- 7110 0326 VO Revolutionary Ethiopia: Amharic; open carrier to 0328, then 2x IS on local flute, M ID, nx to 0336, into amateurish elec. organ mx. //5990 (SIO 222). Latter freq faded v. quickly. 7110 was 333(5-27 ed.)

GABON

- 4830 0510 Africa #1: FF/EE; W ID "Music on Africa #1", into usual Afropops. 352(4-15 Carlisle-WA). 433(4-13 Thompson-CA). 433(4-22 Bishop-NY). @1946. .444(4-19 Havrilko-UK)
- 11800 2340 R. Japan Relay: EE; JJ vocal mx, discussion of women's employment in Japan. 444(4-18 Preston-CA). 444(4-14 Gerstner-NY). 434(4-5 Levison-PA)
- 11940 0723 Africa #1: FF; great WAF jump mx, cigarette ads, stn promo @0727, more mx; ID, nx @0731. //7200 (352). ANO seems to begin its b/c day with straight-ahead Afro mx--no US/UK pops. Great time to listen if you happen to be an insomniac. 454(5-28 ed.)
- 15200 1550 Africa #1: FF; tlc about Canada/U.S. to soccer @1616. 332(4-24 Miller-CA)
- 15475 1847 Africa #1: FF; ad Rothmann's cigarettes, tlc abt world affairs, ID @ 1900 foll by mx. 454(4-4 D'Angelo-PA)
- 21700 1501 R. Japan Relay: EE; nx, current affairs, Asia Now. 232(4-5 Gerstner-NY) [19-mb reception of ANO seems to be going through a seasonal slump. Usually-reliable 15200 now QRM'd by an AA stn, plus additional co-channel QRM. 15475 seems sporadic, 6135 may have been only a test. Your logs would be appreciated on this one.-ed.]

GHANA

- 3366 2235 GBC: EE; "Music Time" pgm, M dj, ID & nx hilites @2245, sermon, NA, ID as "Radio 2", s/off @2305\*. 343(4-15 Gerstner-NY). 322(4-19 Havrilko-UK). 433(4-24 Bishop-NY)
- 4915 0555 GBC: vern/EE; M tlk, African group chant mx w/drums; IS, TC, W EE ID, African nx. 322(4-3 Preston-CA)

LESOTHO

- 4800 0503 R. Lesotho: EE; nx, ID "You are listening to Radio Lesotho", local pop mx. 222(4-25 Preston-CA). @2155 M sermon in EE. 332(5-6 Havrilko-UK)

LIBERIA

- 3990 0608 VOA Relay: EE; headlines, Daybreak Africa. 242(4-24 Sampson-WI)
- 4760 2228 ELWA: EE; reading from Luke 15, ID, NA, and s/off @2232\*. 433(4-24 Bishop-NY). 233(4-21 Gerstner-NY). 252(4-5 D'Angelo-PA)
- 11830 1620 ELWA: EE; rel pgm ends @1630, M "This is Radio E-L-W-A", more canned salvation. 232(5-26 ed.)
- 15600 1720 VOA Relay: EE; nx: Mozambique, Sudanese debts. 344(5-4 Havrilko-UK)
- 17810 1630 VOA Relay: EE; special on 6th anniv death of Bob Marley. fair(5-12 Sheedy-CA)

LIBYA

- 7245 2234 R. Jamahiriyah: EE; W soliciting letters, gives 2 addresses, tomorrow's program sked, finally announced correct freq, then NA? @2237, foll by open carrier until 2243, when AA sce was joined mid-sentence. 433(5-27 ed.). @0420 in AA w/chants, ME mx, mixing w/Angolan. 322(4-9 Berri-CA)
- 15415 1932 R. Jamahiriyah: AA; AA mx, quick ID by W, into M tlk. 443(4-29 Trotto-FL)

MADAGASCAR

- 9505 \*1330 R. Nederland Relay: Dutch; IS, M ID/freq, then nx. Should be audible throughout summer as it was last year. [Thank you, Jeanne Dixon.-ed.] 242(4-13 Westenhaver-QUE)
- 9540 2030 RN Relay: EE; nxcast, Newslite, tlk abt RN 40th Anniversary. 433(4-18 Gerstner-NY)

MALI

- 4783 0555 RN du Mali: FF; IS, M "Ici Bamako, Radiodiffusion-Television Malienne", freq anmt, Afro vcl mx, tlk. CW QRM. 232(4-25 Sampson-WI)
- 4834.9 0605 RN du Mali: vern; 2 M tlk, tribal drum mx. //4782.9 not as good. 141 [How much worse can you get than 141?-ed.] (4-15 Carlisle-WA). @2345 322(4-22 Bishop-NY). @2040.443(4-19 Havrilko-UK)
- 7285 \*0654 RN du Mali: FF; cora IS to 0657, NA, M @0659 "Ici Bamako...". Het and splash de VOA/7280. 232(4-26 Westenhaver-QUE)

MAURITANIA

- 4845 1920 RTV Mauritanie: FF/AA; pop mx pgm, ID's in both langs, IS @1933, slight RTTY QRM. 444(4-19 Havrilko-UK). @2306 in AA..322(4-24 Bishop-NY)

MOROCCO

- 9575 0950 R. Medi Un: FF; pgm of soft rock & AA mx, W ID @0958; mix w/Portugal on channel. 433(4-19 Havrilko-UK). @1514 tent in AA..343(4-19 Uerlings-OR)
- 15335 2037 RTV Marocaine: AA; AA mx, M dj, TC@2100, telephone reports about livestock and agriculture. 444(4-14 Dillon-MD). 433(4-27 Westenhaver-QUE)

NIGER

- 3260 0540 LV du Sahel: FF; M talk, Afropop mx, nx by W @0600.//5020. 232(4-11 Hill-)
- 5020 \*0500 LV du Sahel: FF; IS, ID "Ici Niamey..office du RTV du Niger.." from [MA] 0500-0530 (!), then NA, flutes, ID, directly into Qur'an. Half-hour of repetition is a nice way to get a good ID. [Maybe they're in the middle of ratings.-ed.]. fair(5-8 Sheedy-CA)

# Everyone's invited to ANARCON '87!

DETAILS ON P. 3!

NIGERIA

- 4770 2236 R. Nigeria-Kaduna: EE; mix Afro/pop/reggae mx, ID & nx @2255, s/off @ 2300\*. 343(4-15 Gerstner-NY). 433(4-24 Bishop-NY). 444(5-6 Havrilko-UK). @0525 in EE w/Topics pgm. 333(4-16 Preston-CA). 241(4-8 Carlisle-WA). 221(4-11 Janusz-NJ)
- 4990 2157 R. Nigeria: EE; tribal mx to ID, TC for 11 o'clock, nx; jazz mx pgm to 2300 ID & TC, nx, pledge & choral NA @2307\*. 252(4-20 D'Angelo-PA). 333(4-25 Hill-MA). 443(5-6 Havrilko-UK)
- 7255 0540 VO Nigeria: EE; M nx, cmty, ID, report on agricultural research. QRM de Moscow/7260. 322(4-16 Preston-CA). @0542 buzz on audio [VON had the buzz on, not Bill.-ed.] 444(4-11 Westenhaver-QUE)

RWANDA

- 1825 1825 RN Rwandaise: Swahili; anmts by M. 253(4/87 Klingenfuss-YEMEN)
- 7225 0430 Deutsche Welle Relay: EE; end pgm in unid lang, into EE ID & b/c. //9565. 232(4-9 Berri-CA)
- 9565 0434 DW Relay: EE; M w/nx. //7225. 323(4-9 Berri-CA)
- 17860 2145 DW Relay: GG; Hermann Prey sings traditional GG ballads, cut in w/ID "Ici la Deutsche Welle, station relais Kigali, Rwanda"; 2150\*. 444(4-24 Westenhaver-QUE)

SEYCHELLES

- 9610 0320 FEBA: Swahili; M tlk abt Burundi, acapella Swahili mx, M tlk, more mx, M FEBA ID @0330. //11810 (333) mixing w/RMWS. 322(5-26 ed.)
- 11790 0406 FEBA: Tigrinya?; M/W tlk, vern mx, ment Nairobi address @0428, s/off anmt, 1x IS @0430\*. 232(5-13 Westenhaver-QUE)
- 11865 1451 FEBA: AA/EE; AA mx to 1515, then into EE rel pgm, world nx @1600; anmts, IS, off @1611\*. 343(4-3 Carlisle-WA). @\*0257 in Farsi...333(5-20 Westenhaver-QUE). 444(5-26 ed.)
- 15300 0422 FEBA: AA; M nonstop yak to 0428, closing anmts with classical mx, IS, off @0430\*. 343(5-19 Westenhaver-QUE)
- 15325 1629 FEBA: unid ASian; IS, W ID, anmts, subcontinental mx. 322(5-11 Westenhaver-QUE)
- 17875 1147 FEBA: AA; M slo but strident tlk, churchy organ mx, different ancr @1159 w/ID, IS, 1200\*. 322(5-15 Westenhaver-QUE)

SOUTH AFRICA

- 3320 0117 R. Orion(t): EE; "Rock Around the Clock", country mx; best on USB. 332(4-29 Havrilko-UK)
- 3927.3 0300 Capital Radio: EE; M ID into EE pop mx; good sig over ham splatter. 333(4-5 Ross-ONT)
- 3955 0131 R. Orion: EE; M dj, Dean Martin mx, wx in Afk/EE @0153, ment The Breakfast Show @0202. //3320(vy poor). 333(4-8 D'Angelo-PA). 333(4-6 Ross-ONT)
- 4880 0500 Radio 5: EE; M ancr w/nx, wx, mx, clear ID @0512, off by 0519. 552(4-23 Kline-CA). 433(4-22 Miller-CA). 332(4-4 Janusz-NJ)
- 4995 1903 R. RSA: EE; ID heard @1903 under strong open carrier. 422(4-19 Hav'ko-UK)
- 6010 0200 R. RSA: EE; Twilight of the Bushman, DX program. 443(4-20 Neff-OH). 333(4-25 Brown-IL)
- 9585 2130 R. RSA: EE; tlk abt water conservation, ID. 555(4-20 Robinson-TN)
- 9615 0235 R. RSA: EE; Africa Today: opening of new theatre. 433(4-23 Brown-IL). 444(4-18 Johnson-CA). 545(4-19 Miller-CA)
- 9695 0213 R. RSA: EE; Kathy Fitch w/PO Box 4559 pgm. This was test freq, since vacated. 343(4-5 Westenhaver-QUE)
- 9720 0156 R. RSA: EE; IS, s/on package. QRM de RFI/SRI. 232(5-20 Westenhaver-QUE)
- 17780 1259 R. RSA: EE; ID/fanfare, nx read by Clive Ravenscroft. Splash de UAE/17775; no sign of //21590. [That freq is either there or it ain't--no in-betweens up there!-ed.] 322(4-26 Westenhaver-QUE)
- 17790 1638 R. RSA: Dutch; hits from the Radio 5 hitparade. 332(4-25 Westenhaver-QUE)
- 21590 1302 R. RSA: EE; nx: arms control tlks; tlk abt Jews in SAF. 454(4-19 Havrilko-UK)

SOUTH WEST AFRICA

- 3270 1840 R. SWA: GG; operatic-EZL mx (it wasn't really easy to listen to), M/W tlk @1927. 343(4-13 Havrilko-UK)
- 3290 0155 R. SWA: EE/GG/Afk; AllNight Sce: cont pop mx w/trilingual anmts, severe UTE QRM. Moved from ex-3295. 322(3-2 Hill-MA)



BOTSWANA: The J87 THFBS from the ITU lists a xmsn from 0630-1400 on 9600. (Sennitt-RNMN/DXLD 14) [ITU registrations for African b/c'ers tend to be more wishful thinking than fact.-ed.]

GABON: R. France International has leased relay time from Africa #1's facilities from 0400-0600 in FF on 4890. (D'Angelo-PA)

GHANA: The reactivated External Service of R. Ghana has been heard in EE from 0645-0800 on 6130. (SCDX)

MOZAMBIQUE: After eight years on 9618, Maputo is back on listed 9620 from 0430-1610. Partial sked includes 4867 from 03-2210, and 11818 from 05-1510. (Ginbey/WRTH NL/DXLD 14)

SEYCHELLES: The "Mosaic" EE pgm is now sked Fridays only from 0600-0700 on 15175 and 17855. (Jaap van der Wees-NETH/SCDX)

SOUTH AFRICA: Here's the latest sked for RSA's EE b/c's, direct via phone from Meyerton on 5-27:

0200-0256 6010, 9615, 9720  
0300-0426 3230, 5980, 6120, 7270  
0630-0730 5980, 7270, 9585, 11900, 17705  
1100-1156 7295, 11900, 15185  
1300-1556 9585, 15140, 17780, 21590  
2100-2156 7270, 9585, 11775

R. RSA's SS sce now on 9540 @2300+...6140 0056-0200a. Latter is apparently irregular, as not heard on 5-14. (Sheedy-Ca)

SOUTH WEST AFRICA: Radio South West Africa has changed two frequencies, namely 3290 (ex-3295) (sked 1600-0630) and 4930 (ex-4935) (sked 0630-1530). (Ginbey-RNMN) [3290 is a crummy channel for reception here on ECNA. If you really miss their programming, you may want to hang around a K-Mart and listen to the Muzak for awhile.-ed.]

SWAZILAND: Here are some selections from J87 TWR sked that may be audible in NAM:

0300-0330	4760	Swahili	1530-1550	11740	Urdu
0300-0345	3275	Shona	1630-1700	9550	English
0335-0350	7285	Somali	1700-1800	9550	Swahili
0400-0430	5055	German	1800-1845	9550	English
0430-0500	5055	Afrikaans			
0500-0530	3365	German			
0500-0600	5055	English			
0530-0835	7210	English			

(Bowden/DX SPREAD #2)

ZAMBIA: Here's the latest sked from R. Zambia, all domestic sce unless otherwise noted:

0330-0530 3346, 4911, 4965  
0330-0730 3295  
0330-1530 6165, 7250  
0430-0730 ES 11880  
0540-1530 6060, 7221, 7235  
1045-1230 ES 17895  
1530-2100 3295, 3346, 4911, 4965  
1530-2100 ES 9505, 9581

(WRTH NL May/DXLD 14)

[Note: although the WRTH does not list the number of xmtrs Zambia has at its disposal, I'd be willing to bet that they don't have the six xmtrs it would need to use all those frequencies that supposedly hit the air at 0330. Recent loggings would seem to indicate that, rather than all freqs listed on each line, Zambia only uses one from each group, sort of like a menu at a Chinese restaurant. Also, if that 1045 ES on 17895 is actually on the air, it must be beamed to Tierra del Fuego, as it's never been noted in any populated area to the best of my knowledge.-ed.]

Hope everyone found something here to intrigue you, amuse you, or at least kill a few minutes while you waited for a bus. Keep cool. Remember that my P.O. Box is air-conditioned..your logs would be very comfortable there!

73  
al





# ASIA/OCEANIA

**Bob Thunberg**  
409 Burt Street  
DuBois, PA 15801

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

Check out the many fine loggings from W. German DXer Joerg Klingenfuss who spent the better part of April on a DXpedition in the Yemen Arab Republic. He did his listening from six locations in the YAR: Al Hudaydah, Ibb, Manakbah, San'a, Sad'ah, & Ta'izz and used the following equipment: Yaesu FT757GX xcvr, INFO-TECH M6000 w/multiband dipole antenna; SONY ICF2010 (self-modified) rcvr w/longwire.

## /BANGLADESH/

### Radio Bangladesh

- 9775 1325 **RB:** NEPALI: great sub-cont. mx; YL ID @ 1345; bcst repeated @ 1400 (342 4/18 Carlisle-WA) @ 1416 w/sub-cont, vcls, anmts incl ments of Bangladesh (322 4/26 Uerlings-OR)
- 15525 \*1229 **RB:** EE: IS, ID as "GOS of RB", nx, cmtly & weekly econ. review (353 4/11 D'Angelo-PA) cmtly on Govt's 5 Year Plan, mx, address & 1300\* (232 4/12 Gerstner-NY) pop & lcl mx; OM anmts; lo audio (232 4/19 Evans-TN)

## /CHINA, PEOPLE'S REPUBLIC/

### Central People's Bcast Stn R. Beijing

- 4760 1302 **Yunnan PBS:** CC: OM tkl & CC mx; RTTY QRM (333 4/18 Miller-CA)
- 4830 1425 **Liaoning PBS:** CC: western-style pop mx; IDs (343 4/15 Miller-CA)
- 5800 2343 **Urumqi PBS:** UIGHUR: OM & YL tlks (454 Klingenfuss-YAR)
- 6937 2253 **Kunming PBS:** VERN: YL tkl (354 Klingenfuss-YAR)
- 6974 1828 **Hohhot PBS:** MONGOLIAN: OM tkl (454 Klingenfuss-YAR)
- 7470 2357 **RB:** SS: OM w/political tkl (253 Klingenfuss-YAR)
- 7935 1330 **RB:** EE/CC: lang lesson (454 Klingenfuss-YAR)
- 9535 1200 **RB:** EE: nx, tkl on anthropology (453 4/12 Gerstner-NY) cmtly on free trade (542 4/23 Kline-CA) tkl on computers in Kenya (454 Leite-MA)
- 9645 1202 **RB:** EE: nx, "Economic Horizons"; QRM de R. Australia Indo Svc @ 1227 (343 4/20 Sampson-WI)
- 9760 0335 **RB:** EE: nx, cmtly, mx; IS @ 0355 (554 5/1 Miller-CA)
- 11515 2254 **RB:** ESPERANTO: tkl to 2257; IS & 2258\* (232 4/4 Rocker-MS)
- 11600 1605 **RB:** EE: wld nx, "Nx abt China" (433 4/29 Zirkelbach-CA)
- 11755 0827 **RB:** EE: IS, ID into nx @ 0830 (253 4/19 Rocker-MS)
- 11765 1149 **RB:** CC: YL tkl (333 Klingenfuss-YAR) // 11905
- 15030 0348 **RB:** CC: OM/YL tkl (353 Klingenfuss-YAR)
- 15100 0121 **RB:** SS: ID, EZL & CC instl mx (343 4/13 Goodman-IA) (QUE)
- 15320 \*1300 **RB:** CC: IS, IDs then buried under R. Moscow & Dubai (221 4/17 Westenhaver-)
- 15500t 0158 **CPBS:** CC: CC vcls; YL tkl-no ID hrd (242 4/16 Trotto-FL)
- 15590 2357 **CPBS-1:** CC: CC vcl mx; ID & TP @ 0100; //15550 (243 4/3 Rocker-MS)
- 17650 0250 **RB:** SS: OM tkl, s/off anmts, IS & 0256\* (454 4/19 Rocker-MS) (QUE)
- 17680 0043 **RB:** SS: trad CC mx; tkl on PRC history; 0056\*; //15120 (342 Westenhaver-)

Kunming PBS on new freq of 6035 kHz in VV lang around 2300. [Bob Padula, WORLD OF RADIO]

R. Beijing: Nam frq changes effective 20 May 87: to ENAM @ 1200 on 9535 & 11650 and @ 0000 on new 15445; to WNAM @ 0300 on 11970, 15180, 15280 & 15445 and @ 0400 on 15180 & 15280 kHz. [WORLD OF RADIO, 5/17]

## /CYPRUS/

### British Bcast Corp Relay

- 6180 1450 **BBC:** EE: live rugby & soccer matches (444 5/2 Gager-Austria)
- 9590 0324 **BBC:** FARSI: "Inja London" IDs; only audible when R. Nederland xmits OC btwn EE & SS pgms (232 5/1 Westenhaver-QUE)
- 15420 0403 **BBC:** EE: "Newsdesk" & "Saturday Press Review" (333 4/18 Preston-CA)

## /INDIA/

### All India Radio

- 3905 1755 **AIR Delhi:** HINDI: OM tkl, lcl mx (454 Klingenfuss-YAR)
- 3925 1640 **AIR Delhi:** HINDI: lcl mx w/OM ancr (453 Klingenfuss-YAR)
- 9535 0123 **AIR:** Unid lang: hrd IS, NA & tkl @ 0126 under co-channel RCI; not listed in WRTH (222 4/12 Allen-CA)

INDIA cont.

11620 2034 AIR Aligarh: EE: tlk on Easter in India; Indian mx (332 4/17 Gerstner-NY)  
 Indian instl mx & 2230\* (242 4/12 Rocker-MS)  
 1345 AIR Delhi: MARATHI: OM & YL tlk (533 Klingenfuss-YAR)

INDONESIARadio Republik Indonesia

3266 1300 RRI Bengkulu: IN: "Love Ambon" into YL w/nx (211 4/24 Uerlings-OR)  
 4000 1318 RRI Kendari: IN: OM w/anmths & tlk (222 4/24 Uerlings-OR)  
 11740 1600 RRI Jakarta: GG: ID, nx of Asia & Mid East (544 4/23 Miller-CA)  
 11770 1430 RRI Jakarta: IN: lagu lagu popular; ID, "SCI" (444 4/14 Sharpe-CA)  
 11788 1545 V. of Indonesia: EE: lcl mx; wld nx @ 1550, sked & EE s/off @ 1552 (433  
 4/21 Zirkelbach-CA) folk mx; lcl & SEA nx @ 1535 (443 4/21 Thompson-CA)  
 now on 11788 ex-11790...ed.

IRAQRadio Baghdad

9515 0105 Sawt ul-Jamaheer (V. of Masses): AA: YL w/nx; ID "Huna Baghdad, Idha'atu  
 ul-Sawt ul-Jamaheer"; lute mx; hrd over co-chan BBC (333 4/18 Westenhaver)  
 9780 \*0300 RB: AA: IS, ID into prayers (333 4/11 Trotto-FL)  
 9875 2010 RB: EE: war communique, Iraqi sports pgm, lcl mx (454 4/5 D'Angelo-PA)  
 mx, spts, tlk on war w/Iran (443 4/18 Gerstner-NY)  
 13770 1852 Sawt ul-Jamaheer: AA: upbeat AA vcl mx; chimes & SuJ ID @ 1900, nx; gd  
 signal but weak mod. (343 4/12 Westenhaver-QUE)  
 17630 1300 RB: AA: ID, Mid East nx (444 5/2 Gager-Austria)

IRANVoice of the Islamic Republic of Iran

(MA)

6220 2145 VOIRI: FARSI/EE: EE intvw on public health; //9022, 15084 (333 4/25 Hill-  
 11940 1525 VOIRI: AA: AA mx & tlk; EE ID @ 1601 (242 4/17 Carlisle-WA)  
 13750t 1753 VOIRI: ??: moody pop mx, ment of "Tehran"; TPs to 1800 into ME nx; no ID  
 hrd; @ 1900 they played a synthesized version of Big Ben bells (242 4/17  
 Janusz-NJ) poss. Iraq-see 13770...ed.  
 15084 1122 VOIRI: FARSI: political tlk; over-mod as usual (453 Klingenfuss-YAR)  
 2010 PERSIAN: OM tlk, chanting (222 5/11 Uerlings-OR)

ISRAELKol Israel

7465 2015 KI: EE: "TGIF", "Letter from Jerusalem" (444 4/3 Langloi-FL)  
 0100 EE: folk mx associated w/Passover (343 4/15 Janusz-NJ)  
 9435 0009 KI: EE: Christians in Jerusalem (433 4/20 Bishop-NY) nx, "The Israel Sound"  
 (454 4/28 Kline-CA) "Spectrum" on computers on farms (554 Fraser-MA)  
 0200 EE: trad. Passover "Seder" (433 4/14 Janusz-NJ) (323 5/11 Uerlings-OR)  
 0350 SS: LAM nx; tlk on Iran-Contra scandal (444 5/2 Brown-IL)  
 0413 EE/FF: wx, sked change info; FF @ 0415 w/ID & nx (443 4/30 Thompson-CA)  
 9815 0400 KI: EE: Remembrance Day in Israel (444 5/2 Brown-IL)  
 2132 EE: ME nx, "Week in Review" (433 4/19 Neff-OH)  
 9855 0100 KI: EE: nx by OM (323 5/10 Uerlings-OR)  
 11610 0054 KI: SS/EE: end of SS pgm into EE @ 0100 (332 4/29 Janusz-NJ)  
 0109 EE: pgm for 7th day of Passover (444 4/20 Sampson-WI)  
 2315 EE: tlk on Palestine refugee problem (444 4/18 Preston-CA)  
 15617 1338 Reshet Bet: HH: EZL mx; ID, IS & 1355\* (353 4/9 Sampson-WI)  
 1757 HH: ads for tel Aviv firm & Dupont Duco paint; TPs, ID & nx @ 1800 (444  
 4/15 Westenhaver-QUE)

JAPANNihon Shortwave BcastRadio Japan

3925 0928 NSB: JJ: US pop mx; YL w/ID & nx by OM (333 4/12 Trotto-FL)  
 3945 0950 NSB: JJ: OM tlk; ID @ 0952, soft JJ pop mx (333 4/12 Trotto-FL)  
 5990 1100 RJ: EE: nx of Japanese fishing vessels (545 4/14 Robinson-TX)  
 1400 EE: wld nx, "Current Affairs", "One in a Hundred Million" (554 4/16 Kline-  
 CA) nx, "This Week" pgm (4/11 Jones-TX) "Japan Scene" (444 Wright-MB)  
 9525 \*0857 RJ: JJ/EE: IS, JJ & EE IDs into JJ Genl Svc (333 4/4 D'Angelo-PA)  
 9580 1142 RJ: CC (Listed): IS weak but clear under R. Australia; no sign of //7210  
 (211 4/18 Westenhaver-QUE)  
 9695 1510 RJ: EE: tracing war orphans in Japan (433 4/29 Zirkelbach-CA)  
 11870 1415 RJ: EE: "This Week" on Reagan/Nakasone mtg (444 5/2 Zirkelbach-CA)  
 15195 2330 RJ: EE: "Asia Now" on visit to Bhutan; JJ lang lesson (433 Zirkelbach-CA)  
 15235 0500 RJ: EE: nx, Japan Mx Scene"; //15280, 9675 (44 4/23 Zirkelbach-CA)  
 17755 \*2158 RJ: JJ: IS, TP, ID "Kochirawa R. Nippon" (354 4/12 Rocker-MS)  
 17810 0300 RJ: EE: 86th birthday of the emperor; //17825, 17845 (4/28 Zirkelbach)  
 17825 0257 RJ: JJ/EE: mx, JJ ID into EE clobbering R. Moscow (433 4/19 Rocker-MS)  
 17845 0100 RJ: EE: nx, "Current Affairs", "Tokyo Pop-In" (232 4/17 Gerstner-NY)

/KAMPUCHEA/Voice of the People of Kampuchea

11937.67 1245 VOPK: LAO/VV: YL in LAO w/ments of Kampuchea & Phnom Penh; FE folk mx; into VV @ 1300 till abruptly off @ 1314 (444 4/11 Ross-ONT) march mx @ 1259, EE ID @ 1300 into VV lang w/Asian nx; 1318\* (232 5/4 Carlisle-WA)

/KOREA, DEM. PEOPLE'S REP./Radio Pyongyang

3920p 1255 Shinuiju: KK: usual mx; poss. ID by YL @ 1300, nx (222 4/21 Sharpe-CA)  
 9325 1700 RP: EE: nx, cmt, mx, tlk on engineering (444 5/2 Gager-Austria)  
 9977 1815 RP: CC: OM tlk (554 Klingenfuss-YAR)  
 15140 0050 RP: EE: sked, ID, NA & 0055\* (343 4/10 Fraser-MA)  
 15180 0420 RP: EE: "Great Leader" tlk-how he has improved the mining industry (444 4/3 Preston-CA)  
 0600 EE: s/on w/NA, nx, "Radio Magazine"; song og Kim Il Sung; //13650, 15160 (333 4/20 Sharpe-CA)

/KOREA, REPUBLIC OF/Radio Korea

9570 1400 RK: EE: nx, cmt, "Seoul Calling" (544 4/14 Miller-CA)  
 9750 1400 RK: EE: nx, tlk on Korean toy exports (444 5/2 Zirkelbach-CA) mx, tlk on S. Korean exports to exede \$40 billion (554 4/1 Kline-CA)  
 9870 1615 RK: EE: hrd over KFBS RR lang svc (444 4/9 Miller-CA)  
 15575 0015 RK: EE: nx, cmt, "Seoul Calling" (444 4/11 Miller-CA)  
 0212 EE: tlk on US/Korean trade (453 4/22 Bishop-NY) (444 4/26 Hickman-MD)  
 1400 EE: nx, cmt, Korean mx & poetry (252 4/17 Wright-MB) (333 4/17 Levison-PA)  
 2032 EE: nx, cmt, on Reagan's tlks w/Nakasone (444 4/30 Trotto-FL)

/KUWAIT/Radio Kuwait

NY)

11675 1937 RK: EE: pop mx requests (444 4/17 Neff-OH) history of AA mx (433 Gerstner-1990)  
 2121 RK: AA: OM tlk, AA mx (433 4/27 Bishop-NY)  
 15495 0315 RK: AA: recitations; QRM de VOFC (222 4/13 Orr-CA)  
 15505 1730 RK: AA: presumed nx, AA mx; ID @ 1801 (151 4/16 Carlisle-WA)  
 17895 1656 RK: URDU: tlk; TP @ 1700, ID "Koweit min..." (222 4/25 Westenhaber-QUE)

/LAOS/Lao National Radio

6130 1350 LNR: LAO: Asian mx, complete ID by YL @ 1400; //5160LSB not hrd; QRM de co-chan. NHK feeder & R. Moscow (232 4/16 Carlisle-WA)  
 6980 1221 LNR: LAO: nice vcl/instl mx; anmt, IS, ID @ 1230 by OM into nx(?) by YL (343 4/10 Thompson-CA)

/LEBANON/Voice of Lebanon

6550 1940 VOL: AA: Mozart & Beethoven mx (343 5/1 Gager-Austria)

/MALAYSIA, EASTERN/Radio Malaysia

4950 1320 RM-Kuching: CC: CC pop mx; ID @ 1345, nx; EE @ 1400 (433 4/14 Sharpe-CA)  
 1440 EE: econ. tlk, rock mx (544 4/8 Miller-CA) (333 4/29 Zirkelbach-CA)  
 4970 1450 RM-Kota Kinabalu: MALAY: pop mx, tlks, IDs (433 4/8 Miller-CA)

/MALAYSIA, PENINSULAR/

5965 1435 RM-Kuala Lumpur: MALAY: nx, Malay pop mx requests (343 4/26 Sharpe-CA)  
 6100 1505 RM-Kuala Lumpur: BURMESE: pop mx, tlk (343 4/15 Miller-CA) CA)  
 9750 1515 RM-Kuala Lumpur: BURMESE: pop mx requests, ancrs use some EE (433 Miller-

/NEPAL/

5005 1521 R. Nepal: NEPALESE: lcl mx w.YL ancr (444 Klingenfuss-YAR)

/OMAN/British Bcast Corp Relay

6010 1643 BBC: AA: pop mx w/OM ancr (555 Klingenfuss-YAR)  
 11955 0400 BBC: EE: TPs, ID, nx (555 Klingenfuss-YAR)  
 15310 1300 BBC: EE: wld nx; "24 Hours" (fair 5/1 Shimada-Japan)

/PAKISTAN/Radio Pakistan

6241.1 1405 RP: URDU: OM w/nx & ID (454 Klingenfuss-YAR)  
 9465 1600 RP: EE: ID, ME & Asian nx; //7385, 9785 (444 5/2 Gager-Austria)  
 11615 1605 RP: EE: wld nx, ID; 1630\* (242 4/10 Carlisle-WA) (555 Klingenfuss-YAR)  
 15190 1500 RP: URDU: ID, nx, lcl mx (333 4/30 Gager-Austria)  
 17660 1107 RP: EE: ID, slo-speed EE nx (444 5/2 Gager-Austria)

/PHILIPPINES/Radio Veritas Asia Far East Bcast Co Voice of America

6170.3 1250 Radyo NG Bayan: EE/Unid lang: "Radyo Bayan" ID @ 1301; US pop mx; SW relay of Mw stn; also IDs as "Your all-sports network, up-to-date on 78"; QRM de unid Asian stn on 6175 (232 4/29 Carlisle-WA) vy nice Fred...ed.  
 9710 1506 RVA: EE: tlk & mx hrd under R. Moscow (442 4/13 Miller-CA)

PHILIPPINES cont

11850 0855 FEBC: EE: canned religion; ID @ 0900 (333 4/19 Rocker-MS)  
 1422 EE: relig pgm, ID, nx @ 1430 (333 4/11 Ross-ONT) (433 Klingenfuss-YAR)  
 1530 EE: nx, relig pgm (323 4/18 Johnson-CA) "Sound Waves" (4/29 Zirkelbach-CA)  
 15290 0045 VOA: EE: tlk on Constitution & WCTU (233 4/17 Gerstner-NY)  
 15350 \*0830 FEBC: EE: "Nature Shows the Way" & "Faith in Focus" pgms; //11850 (good  
 5/2 Shimada-JP) "Back to the Bible"; relig mx (433 4/9 Zirkelbach-CA)  
 15410 1435 VOA: CC: EE lang lesson; latr hr to be hearing this (433 4/12 Westenhaver)  
 15425 1457 VOA: EE: VOA editorial; 1500\*; co-chan. jamming (232 4/12 Westenhaver-QU)  
 17740 2205 VOA: EE: "VOA Monday Morning"; "Newsline" (253 4/12 Rocker-MS)

/QATAR/

Qatar Bcast Service

15265 1645 QBS: AA: radio play to 1700; 6 TPs into nx in city-item format; "Idha'atu  
 al-Qatar min ad-Doha" ID @ 1706 (343 4/30 Westenhaver-QUE)  
 17830 0700 QBS: AA: ID, Mid East nx (444 5/2 Gager-Austria)

/SAUDI ARABIA/

Bcast Service of the Kingdom of Saudi Arabia

5875 1024 BSKSA: AA: YL w/hitparade pop mx (354 Klingenfuss-YAR)  
 7280 0416 BSKSA: AA: OM tlk, light mx (555 Klingenfuss-YAR)  
 9570 0409 BSKSA: AA: YL ancw w/AA mx (555 Klingenfuss-YAR)  
 9640 0410 BSKSA: AA: OM w/Qur'an; // 7235 (555 Klingenfuss-YAR)  
 10990 1244 BSKSA: AA: feeder w/tlk in LSB & AA mx in USB; //11175 (444 Klingenfuss)  
 15060 1320 BSKSA: AA: ID, AA mx (444 4/28 Gager-Austria) drama, nx (454 Klingenfuss)  
 15345 1400 BSKSA: URDU: wld nx; SAsian instl mx; VOFC QRM (fair 5/1 Shimada-JP)

/SINGAPORE/

Singapore Bcast Corp British Bcast Corp

5052 1500 SBC: EE: nx, ID as "Radio One"; "Night Life" pgm (433 4/13 Zirkelbach-CA)  
 9725 1048 BBC: IN: pop mx; tlk abt El Salvador; //11955 (343 4/11 Westenhaver-QU)  
 9740 1505 BBC: EE: nx, report on 24 Hours at LeMans car race (544 4/8 Miller-CA)  
 11750 1546 BBC: EE: soccer-Darby vs Ipswich; 1614\* (554 4/14 Kline-CA)  
 11940 1510 SBC: EE: ID, EE pop mx; f/out by 1545; co-chan. QRM de unid FF & AA stns  
 (332 4/10 Carlisle-WA) pop mx, TC as "20 to midnight" (444 Zirkelbach-CA)  
 15435 0005 BBC: EE: World Svc nx; fluttery but clr (344 4/4 Rocker-MS)

/SRI LANKA/

Sri Lanka Bcast Corp Voice of America

4902p 1518 SLBC: SINHALA: OM tlk (453 Klingenfuss-YAR)  
 11800 1835 SLBC: ??: lcl mx w/OM ancw (433 Klingenfuss-YAR)  
 11835 1048 SLBC: EE: nx, ID as "External Svc of SLBC"; freq sked, instl mx; splash de  
 WYFR on 11850 (322 4/26 Westenhaver-QUE) intvw pgm, IS & 1130\* (232 4/19  
 Hill-MA) HINDI @ 1352: YL tlk, light mx (433 Klingenfuss-YAR)  
 15250 0108 VOA: EE: nx; "Morning Newsline": wk & fading but ID'd thru //7205 via  
 Kavala (141 4/27 Westenhaver-QU) Tlk show @ 0153 (222 4/11 Ross-ONT)

/SYRIA/

Radio Damascus

9950 0001 RD: PP: bcast times; "Flight of Bumblebee" theme; press review of Assad's  
 visit to Moscow (343 4/25 Westenhaver-QUE)  
 11625 1347 RD: AA: vcl mx (555 Klingenfuss-YAR)  
 12085 2005 RD: EE: Portraits from Our Country" pgm on the holy month of Ramadan (444  
 4/28 Sampson-WI) (333 4/28 Dillon-MD) AA mx, nx & 2206\* (444 4/4 Rocker-  
 MS) (433 Gerstner-NY) (Ross-ONT) (Neff-OH) (Robinson-TN) (Miller-CA)

/TAIWAN/

Voice of Free China

5980 1540 V. of Asia: EE: wld nx, mx; severe fading (222 4/11 Zirkelbach-CA)  
 15055 \*1300 WYFR via VOFC: EE: IS; "Family Bible Reading Fellowship", "Open Forum" &  
 "Sounds of the Times" pgms (fair 4/30 Shimada-Japan)

/THAILAND/

9655p 1303 R. Thailand: MALAY?: OM tlk; instl mx-chimes btwn songs: march & pop mx;  
 taped excerpts of speech; covered by R.Moscow \*1359 (222 4/11 Ross-ONT)

/TURKEY/

Voice of Turkey

6340 1020 Turkish Police Radio: TURKISH: Turk mx, IDs; hrd daily here (333 4/30 Gager)  
 9560 0217 VOT: TURKISH: Turk & EZL mx; presumed nx @ 0245; into EE @ 0300 (343 4/13  
 Allen-CA)  
 0300 EE: nx, Press Review, mx (433 4/9 Wright-MB) contest anmt (522 Neff-OH)  
 2200 EE: tlk on Hittites; essay contest (545 4/19 Robinson-TN) tlk on a 16th  
 century poet (544 4/14 Gerstner-NY) (Preston-CA) (Ross-ONT) (Wakefield-IA)  
 profile of Iran/Iraq war (322 4/25 Brown-IL)  
 15220 1230 VOT: TURKISH: IDs, trad mx (555 4/20 Robinson-TN)

<u>USSR, ASIAN/</u>		<u>Radio Moscow</u>
4450p	1325	R. Afghanistan via Dushanbe: URDU: AA & Asian mx; ment of Afghanistan @ 1333 (241 4/13 Carlisle-WA) folk mx, //4740 (433 Klingenfuss-YAR)
4635	1652	Dushanbe-Tadzhik SSR: VERN: OM tlk (343 Klingenfuss-YAR)
7160	1900	R. Afghanistan: EE: ID, nx, cmtly & mx (222 5/1 Gager-Austria) Does anyone know if R. Afghanistan operates any xmtrs from within its own borders these days?...ed.
7320	0245	RM-Krasnodar(per RDI): EE: listener's questions; Dixieland mx (443 4/20 Goodman-IA)
7345	1616	RM-Petropavlovsk: EE: "The Way We See It" (353 4/17 Kline-CA)
11770	0630	RM-Khabarovsk: EE: mx by 17 yr old pianist (353 4/29 Bowden-CA) CA)
12050	0100	RM-Khabarovsk: EE: preparations for May Day celebration (252 4/29 Bowden-CA)
12055	2300	RM: IN: "Inilah R. Moskwa", stn anmts; nice signal (444 4/4 Rocker-MS)
13665	2300	RM-Petropavlovsk: EE: cmtly on Iran/Iraq war (252 4/29 Bowden-CA)
13775	0122	RM: CC: tlk, RR pop mx; YL w/ID (253 4/27 Westenhaver-QUE)
15140	0024	RM: "Focus on Asia and the Pacific"; RM sked shows this for S/SE Asia; het and faint co-chan. QRM (232 4/28 Westenhaver-QUE)
17645	*1400	RM: HINDI: "Yeh R. Moscow Hay" ID, nx (444 4/15 Westenhaver-QUE) CA)
17850	0200	RM-Khabarovsk (per RDI): EE: nx, Current Affairs; ANZ Svc (343 5/6 Sharpe-CA)
17880	0225	RM: EE: "Science & Engineering"; site poss, Tula (455 4/19 Rocker-MS)
	0411	EE: "Newsreel"; QRN & flutter; // 17825 (433 4/21 Westenhaver-QUE)

<u>UNITED ARAB EMIRATES/</u>		<u>Radio Dubai</u>
11940	1640	RD: EE: wld nx, lcl wx, AA mx (222 4/18 Johnson-CA)
15310	1450	V. of UAE-Abu Dhabi: AA: Qur'an, IDs, AA mx (333 4/30 Gager-Austria)

<u>VIETNAM/</u>		<u>Voice of Vietnam</u>
9840	1820	VOV: EE/FF: wld nx, ID; FF @ 1830 (222 4/13 Zirkelbach-CA) ver)
15010	*1300	VOV: FF: ID, lcl/GMT TC, nx; flutter made for hard copy (242 4/25 Westenhaver-CA)
	1330	EE: tlks abt Kampuchea & Thailand (454 Leite-MA) nx, cmtly, VV mx; 1358* (353 4/25 Muzka-NY)
	1600	EE: nx, mx, May Day celebrations (444 5/1 Gager-Austria)
	1835	FF/EE: cmtly, orch mx; into EE @ 1900 w/"Vietnam Today" (322 4/17 Evans-TN)
	2340	EE: cmtly, YL w/ID (333 4/3 Rocker-MS)
12035	1620	VOV: EE: mx, tlk on refugees in Thailand being executed for getting married w/out permission! (433 4/17 Zirkelbach-CA) sorry, out of order..ed.

<u>YEMEN, PEOPLE'S DEM. REP./</u>		<u>Democratic Yemen Bcast Service</u>
5970	1349	DYBS: AA: OM tlk (555 Klingenfuss-YAR)
7190	0413	DYBS: AA: vcl folk mx (555 Klingenfuss-YAR)

<u>YEMEN ARAB REPUBLIC/</u>		
6135	0418	R. San'a: AA: vcl mx; also hrd @ 1354 (555 Klingenfuss-YAR)
9779.3	1145	R. San'a: AA: martial mx, ID by OM (555 Klingenfuss-YAR) // 711MW

OCEANIA

<u>AUSTRALIA/</u>		<u>Radio Australia</u>
2325	1250	VL8T-Tennant Creek: EE: US pop mx, nx @ 1300; //weaker 2310 (353 4/23 Carlisle-WA)
5995	0909	RA: EE/PD: PNG Svc w/"Small Business Pgm" abt planting vegetable seeds-"you like long time your planting, want learn something more?" (544 4/20 Kline-CA)
9580	1030	RA: EE: "Window on Australia" (554 4/21 Fraser-MA) spts scores, 50's rock mx (444 4/12 Dillon-MD) SE Asian nx (444 4/20 Janusz-NJ) (444 Neff-OH) (454 Sampson-WI) (333 Langlois-FL) (343 Hesch-NY) (Kline-CA)(Robinson-TN)
9610	1215	VLK9-Perth: EE: opera mx pgm (333 4/19 Gerstner-NY) ABC nx, folk & country mx incl "Nuns for Nixon" (444 4/19 Kline-CA)
9655	0934	RA: EE: pop mx (322 4/30 Wakefield-IA)
11765	1120	RA: CC: "Jeli shi Aodaliya guangbo diantai Australia"; QRM de R. Havana on 11760 (434 4/11 Westenhaver-QUE)
11800	1153	RA: EE: pop mx, sked & nx @ 1200 (444 4/19 Evans-TN)
11910	0458	RA: EE: PNG/Pac. Svc of wld nx (232 4/12 Janusz-NJ) (4/15 White-FL)
15160	0132	RA: EE: pop mx, TCs, promos (222 4/27 Westenhaver-QUE)
15240	0035	RA: EE: nx, Letters to Editor (243 4/17 Gerstner-NY) //15320 (333 4/15 White-FL) (252 4/16 D'Angelo-PA)
15320	2210	RA: EE: "Int'l Report" w/tlk of new Fijian govt [which was recently overthrown..ed] (4/17 Gerstner-NY) rock mx (4/12 Jones-TX) spts nx, pop mx (253 4/16 Shaffer-PA) tlk on New Age religions (232 4/23 Miller-CA)

AUSTRALIA cont.

15395 2125 RA: EE: wx; "Jazz Australia" w/Dick Williams (353 4/25 Kline-CA)  
 15425 0500 VLW15-Perth: EE: econ. nx, TC, ID as ABC (433 4/15 Zirkelbach-CA) pgm on  
 Mozart's father's influence on Amadeus' mx (244 4/21 Preston-CA)  
 17715 0300 RA: EE: nx abt Vietnam & Kampuchea; // better 17795 (222 4/7 Berri-CA)  
 17795 0342 RA: EE: pop mx, "Int'l Report" @ 0400 (333 4/15 White-FL)  
 2248 EE: ABC moves to new HQ bldg; nx @ 2300 (233 4/14 Gerstner-NY)

/COOK ISLANDS/Radio Cook Islands

11760 0350 RCI: EE: instl mx; ID & nx by YL @ 0400 (252 4/4 D'Angelo-PA)  
 11761 0520 RCI: MAORI: soft-voiced YL DJ w/pop & island mx (333 4/21 Preston-CA)

/GUAM/

9820 1423 KTWR: TAMIL/ASSAMESE: OM tkl; Assamese @ 1430; EE ID & anmts @ s/off  
 (252 4/10 Carlisle-WA)  
 11715 0800 KTWR: EE: "Radio Bible Class", "Wesleyan Hour" (243 4/17 Hill-MA)  
 11980 1258 KSDA-AWR; CC/EE: EE ID "This is Adventist World Radio, KSDA, Guam" into  
 CC tkl by YL (242 4/25 D'Angelo-PA)  
 1450 KSDA: TAMIL/HINDI: vcl mx; OM w/ID & address in Tamil; EE ID @ 1500 into  
 Hindi pgm (333 5/2 Sharpe-CA)  
 1620 KSDA: "AWR Magazine" on traffic accidents (222 4/12 Johnson-CA) lang was EE

/MARIANA ISLANDS/

9870 1618 KFBS-Saipan: RR: relg tkl & mx; ID @ 1630 in EE (444 4/9 Miller-CA)  
 11900 0833 KYOI-Saipan: EE: US rock mx, "Super Rock" IDs (253 4/19 Rocker-MS)  
 15305 0001 KFBS: BURMESE: EE ID, YL tkl, mx to 0030 (333 4/10 Miller-CA)

/MARSHALL ISLANDS/

4940 0643 WSZO-Majuro: MARSHALLESE: 2 OM tkl; Statler Bros mx (333 4/21 Thompson-CA)  
 0915 MARSHALLESE/EE: YL w/island mx; EE ID @ 0938 & abruptly off @ 0940-not  
 usual 1000 (222 4/23 Ross-ONT) EZL island mx; anmts & choral hymn @ 0955;  
 EE ID, sked, anthem & 1002\* (322 4/27 Evans-TN)

/NEW ZEALAND/Radio New Zealand

9600 0928 RNZ: EE: nx & wx (422 5/1 Wakefield-IA)  
 11780 0430 RNZ: EE: mx pgm (333 4/28 Hickman-MD)  
 15150 0405 RNZ: EE: lcl nx, TC, EZL mx (344 4/16 Preston-CA)  
 1950 EE: pop & EZL mx, maritime wx (444 Zirkelbach-CA)  
 17705 0000 RNZ: EE: "Mid-Day Report" (444 4/21 Zirkelbach-CA)  
 0130 EE: intvw w/sports player (242 4/16 Trotto-FL)

/PAPUA NEW GUINEA/

3275p 1345 R. South Highlands: PD: ments og PNG; NA & 1402\* (242 4/4 Carlisle-WA)  
 3315 1303 R. Manus: EE: OM anmts; US country mx (322 4/24 Uerlings-OR)  
 3335p 1307 R. East Sepik: unid lang: tribal-type mx (312 4/24 Uerlings-OR)  
 3375p 1250 R. Western Highlands: PD/EE: ment of PNG but no ID; EE sermon; off @ 1325  
 w/no anmts (141 4/17 Carlisle-WA)  
 1310 PD: ID, OM w/nx or tkl (222 4/24 Uerlings-OR)  
 3395p 1235 R. Eastern Highlands: PD: native islan drum mx; ment of PNG; EE pop mx  
 after 1300 (342 4/25 Carlisle-WA)  
 4890 0900 NBC Port Moresby: EE: election nx; tkl on fishing industry (433 4/7 Zir-  
 kelbach-CA) lcl TC, pop mx (344 4/29 Miller-CA) 40's mx (322 5/5 Wake-  
 field-IA) tkl on animals; mx (343 Leite-MA)

/SOCIETY ISLANDS/

11825 0416 R. Tahiti: FF: island mx; QRN & QRM (534 (4/13 Miller-CA)  
 0555 FF: island mx; nx of unrest in Argentina (333 4/18 Shaffer-PA)  
 1543 FF: usual gd island mx; WYFR QRM (332 4/21 Thompson-CA)  
 11826 0405 R. Tahiti: FF: pop & island mx (222 4/28 Hickman-MD)

/SOLOMON ISLANDS/Solomon Islands Beast Corp

9545 0745 SIBC: EE/PD: tkl, relg mx, ID (232 4/16 Miller-CA)

I'll take this opportunity to thank the following people who have written me letters or sent along stn skeds and stickers lately: Ed Janusz-NJ, Bill Miller-CA, Betsy Robinson-TN, Paul Gager-Austria, Senshu Shimada-Japan, Paul Wakefield-IA, Bob Zirkelbach-CA and Bill Westenhaber-QU. Also congrats to Ed Brown-IL on his recent marriage. Sorry I can't write personally to all of you as I've been putting in overtime at work & the XYL keeps me busy around the house during my free time. My page allocation drops for the summer months, so please send only your best loggings until the Fall DX season begins. Tnx & 73s

*Bob*

# SPEEDX QSL REPORT

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

## AFRICA

ANGOLA R. Nacional: 4953 f/d Logo cd. via Reg. mail in 44 ds. for a FF rpt., 3 ircs & \$1. (Sharp-FL).

BENIN ORTB: 4870 f/d Nap cd. in 24 ds. for a FF rpt. & \$1. (Levison-PA), f/d cd. in 48 ds. for a Tri rpt. and 2 ircs. (Havrliko-UK). p/d cd. in 268 ds. after f-up for a FF rpt. & \$1. (Coday-CA).

CAMEROON R. Bertoua: 4750 f/d personal ltr. in 60 ds. for a FF rpt. & an irc. V/S James Achyani Pontem. (Gager-AUSTRIA).

CANARY ISLANDS FLE Relay: 15365 f/d Church cd. in 90 ds. (Gager-AUSTRIA).

CHAD R. Nationale: 4920 p/d Native girl cd. in 34 ds. for a Tri rpt. & 2 ircs. (Havrliko-UK). 4959 f/d cd. in 3 wks. for \$1. (Wolfish-OR). 4980 f/d Montage cd. in 53 ds. for a FF rpt. & \$1. (Coday-CA). R. Moundou: 5286 p/d personal ltr. in 112 ds. for a FF rpt. & an irc. V/S J. Haimos Jacques. (Gager-AUSTRIA).

EQUATORIAL GUINEA R. Nacional: 9553 f/d pfc for a "Waves of Glory" pgm. in 10 ds. for ms. V/S Pastor Edwin Wiebe. Sent to Winnipeg QTH. (Soomre-IA). f/d pfc in 30 ds. for ms. V/S Pastor Cecil F. Dalley. Sent to Newfoundland QTH. (Soomre-IA).

GABON Africa #1: 4830 p/d Logo cd. in 180 ds. for ms. (Ross-OR). 15200 p/d Logo cd. in 46 ds. for a Tri rpt. & 2 ircs. V/S An Glenterre. (UK-Havrliko). R. Japan Relay: 9645 n/d Doll cd. w/ stuff in 13 ds. (Westen-Haver-QU).

GHANA GBC: 3366 f/d Golden Jubilee cd. w/ pgm. guide in 28 ds. for a Tri rpt. and 2 ircs. (Havrliko-UK). 4915 f/d cd. in 30 ds. for an irc. (Masamune-JAPAN)...welcome!!...f/d cd. w/ guide in 41 ds. for 3 ircs. V/S L. Gensoth. (Kline-CA).

LIBERIA ELWA: 4760 n/d Photo cd. in 57 ds. for 3 ircs. (Richmond-MD)...welcome!!...n/d cd. w/ sked. in 58 ds. for a dollar. V/S J. Tokem. (Coday-CA). 11836 n/d cd. w/ info in 14 ds. for 2 ircs. (Havrliko-UK).

LIBERIA NBC: 3380 p/d letter in 30 ds. for \$1. (Sharp-FL).

MAURITIUS NBC: 4855 f/d Nap cd. in 1 mo. for 3 ircs. (Wolfish-OR)...congrats, Neill!

NIGER ORTN: 5020 f/d personal ltr. on graph paper (!) in 62 ds. for a FF rpt. and 3 ircs. (Sharp-FL)...that's an original one!

NIGERIA FROM Kaduna: 4770 p/d form ltr. in 455 ds. for \$1. V/S Yusuf Garfa. (Coday-CA). Voice of Nigeria: 7255 f/d Stadium cd. in 105 ds. for 3 ircs. (Johnson-CA). f/d Airport cd. in 156 ds. for 2 ircs. (Wakefield-IA).

/SENEGAL/ ORTS: 4992.8 f/d Globe cd. in 37 ds. for a Tri rpt. and 2 ircs. (Havrilko-UK).

/SOUTH AFRICA/ Radio RSA: 9615 f/d Ricksha cd. in 45 ds. (Brown-IL).  
R. Oranje: 3215 f/d Montage/Logo cd. in 51 ds. for \$1. (Coday-CA).  
R. Orion: 3320 p/d Building cd. in 29 ds. (Masamune-JAPAN). Southern Sound: 3927 p/d Form ltr. w/ sked. in 67 ds. for \$1. V/S Robert E. Edwards. (Coday-CA). Radio 5: 4880 f/d Montage cd. in 37 ds. for 2 ircs. V/S Minnie Visser. (Wright-MB).

/SOUTH-WEST AFRICA/ Radio SWA: 3270 f/d Mountain cd. w/ info in 138 ds. for a Tri rpt. & an irc. (Havrilko-UK).

/SWAZILAND/ TWR: 9550 f/d Station cd. w/ info. in 27 ds. for a Tri rpt. & 2 ircs. (Havrilko-UK).

/UGANDA/ R. Uganda: 4976 f/d pfc w/ personal ltr. in 88 ds. for \$1, this after many tries. V/S Rachel Nakibouka. Address: R. Uganda, Ministry of Information, P.O. Box 2038, Kampala. (D'Angelo-PA)...nice one Richard!!

#### ASIA

/CHINA/ R. Beijing: 9645 f/d Doll cd. w/ goodies in 40 ds. for an irc. (Richmond-ND). Voice of Jinling: 4870 p/d picture cd, w/ sked. in 45 ds. direct. (D'Angelo-PA). Guangxi PBS: 4915 f/d Bridge cd. in 44 ds. (Masamune-JAPAN).

/INDONESIA/ RRI Manokwari: 3987 f/d personal ltr. in 26 ds. for an INDO. rpt. & 1\$. V/S Abdul Ra Chim. BA. (Coday-CA)...letter gives power as 1 kw... RRI Kendari: 4000 f/d Logo cd. in 24 ds. for an INDO. rpt. & \$1. V/S H. Sjahbuddin, BA. (Forsgren-WI).

/IRAN/ VoIRI: 15084 f/d Rally cd. w/ magazines in 103 ds. for an irc. (Havrilko-UK).

/ISRAEL/ KOL Israel: 5885 f/d cd. w/ sked. in 124 ds. (Soomre-MA).

/JAPAN/ R. Japan: 9675 & 11705 ; 6120 n/d Kyushu cd. w/ info in 14 ds. (Kline-CA)...the 6120 is from CANADA,

/MALAYSIA/ R. Malaysia-Kuching: 4950 f/d Building cd. in 41 ds. (Cole-CO). R. Malaysia-Kota Kinabalu: 4970 f/d cd. in 17 ds. for an irc. V/S Baharudzaman Ampong. (Masamune-JAPAN).

/OMAN/ BBC Relay: 5975 n/d cd. in 179 ds. Report sent to relay site, and card came from London, (Soomre-MA).

/PHILIPPINES/ FLBC: 9800 f/d Sunset cd. w/ sked. & stickers in 40 ds. for an irc. V/S Mrs. Landman. (Gager-AUSTRIA).

/SAUDI ARABIA/ BSKSA: 15345 f/d cd. via registered mail in 26 ds. V/S Sulaiman Al Samnan. (Masamune-JAPAN).

/SINGAPORE/ SBC: 11940 f/d Skyline cd. in 28 ds. for 3 ircs. (Kline-CA).

/SOUTH KOREA/ R. Korea: 9750 f/d Dancer cd. w/ goodies in 80 ds. (CO-Cole). 15575 f/d Han River cd. w/ rpt. forms in 32 ds. (Bishop-NY). f/d cd. w/ sked. & pennant in 37 ds. for an irc. (Westenhaver-QU). f/d Dancer cd. in 48 ds. (Gerstner-NY). f/d Bridegroom cd. w/ skeds. in 59 ds. (Bishop-NY).

/SRI LANKA/ SLBC: 9720 f/d Studio cd. in 59 ds. for 2 ircs. (D'Angelo-PA).

/SYRIA/ R. Damascus: 7455 f/d White cd. in 90 ds. for a German rpt. and an irc. (Gager-AUSTRIA).



/TURKLY/ VoT: 9560 f/d Ancient Columns cd. w/ goodies in 2 mo. (Cole-CO). Turkish Police Radio: 6340 f/d White paper cd. in 56 ds. for a Turkish rpt. and an irc. V/S Emniret Genel Madurlugu. (Gager-AUSTRIA)... nice one Paul!!

EUROPE

/ALBANIA/ R. Tirana: 7400 p/d Museum cd. in 158 ds. (Wakefield-IA). R. Tirana & Gjirokaster: 7065 & 5057 p/d cd. in 135 ds. Two rpts. verified with one card. (D'Angelo-PA).

/BULGARIA/ R. Sofia: 7115 f/d cd. in 90 ds. (Cole-CO).

/CZECHOSLOVAKIA/ R. Prague: 5930 f/d 50th. Aniv. cd. w/ sked. & info. in 35 ds. (Soomre-MA). f/d Museum cd. in 45 ds. (Wright-MB). 7345 f/d Statuary cd. in ?? ds. (Levison-PA).

/FINLAND/ R. Finalnd: 15400 typical n/d ltr. w/ sked. in 20 ds. (Jones-TN).

/FRANCE/ RFI: 11705 f/d Arc de Triomphe cd. w/ sked. in 33 ds. (Wright-MB).

/GERMAN DEMO. REP./ RBI: 6125 f/d Rostok cd. in 22 ds. (Westenhaver-QU). f/d Buildings cd. w/ goodies in 92 ds. (Levison-PA). f/d Berlin cd. in 95 ds. (Brown-IL). 21540 f/d cd. w/ rpt. form in 59 ds. (Levison-PA).

/GERMAN FEDERAL REP./ DW: 7285 n/d Globe/Headphones cd. w/ pennant & stickers in 27 ds. (Gerstner-NY). p/d Monitor cd. in 41 ds. for various freqs. (Jones-TN).

/GREECE/ VoG: 11645 f/d Acropolis cd. in 48 ds. V/S D. Vafeas. (Gerstner-NY). 15630 f/d Olympia cd. in 4 mo. (Cole-CO). VoA Relay: 15205 f/d cd. in 24 ds. (Masamune-JAPAN).

/HUNGARY/ R. Budapest: 6025 f/d Drawing cd. in 29 ds. (Wright-MB). n/d SW Club cd. in 40 ds. (Jones-TN). 6110 & 9835 f/d Logo cd. in 28 ds. (Levison-PA). 9835 f/d Church cd. in 26 ds. (Jones-TN).

/ITALY/ RAI: 9575 f/d Painting cd. in 270 ds. (Brown-IL).

/NETHERLANDS/ R. Nederland: 15560 f/d Studio cd. in 40 ds. (Cole-CO).

/NORWAY/ RNI: 9610 f/d Antenna cd. w/ sticker in 21 ds. (Gerstner-NY). 15310 f/d Costumes cd. w/ sticker & info. in ?? ds. (Levison-PA).

/PORTUGAL/ R. Portugal: 9750 plain f/d cd. w/ sked. in 68 ds. for 3 ircs. (Kline-CA). IBRA Radio: 9685 f/d Stockholm cd. w/ pennant & sked. in 28 ds. Sent to Stockholm QTH. (D'Angelo-PA).

/ROMANIA/ R. Bucharest: 5990 f/d Costume cd. in 134 ds. (Levison-PA). 9690 f/d University Square cd. w/ goodies in 89 ds. for an irc. (UK-Havrliko).

/SPAIN/ REE: 6125 f/d Barrio de Santa Cruz cd. w/ rpt. form in 48 ds. (Kline-CA). 9630 f/d Cattle cd. w/ rpt. form in 95 ds. for an irc. (UK-Havrliko).

/VATICAN CITY/ R. Vaticana: 6030 f/d Paul VI cd. in 135 ds. (Weiss-OH). 11810 f/d cd. in 4 mo. (Cole-CO). 15120 f/d Palazzo Pio cd. in 115 ds. (Brown-IL).

U.S.S.R.

R. Kiev: 6200 f/d Artcraft cd. in 35 ds. (Levison-PA). 7165 f/d Sculpture cd. in 52 ds. (Levison-PA). f/d cd. w/ calendar in 57 ds. (Levison-PA). f/d War cd. in 91 ds. w/ rpt. forms. (Levison-PA).

Radio Moscow will be on the next page!

R. Moscow: 5950 via Petropavlosk Kamchatsky f/d cd. in 61 ds. (Wright-MS). 5910 via Simferopol; 7110 via Ivano Frankovsk; 7150 via Lvov; 7210 via Vinnitsa; 7310 via Ivano Frankovsk f/d cd. in 2 mo. (Wolfish-ON). 5910 via Petropavlosk Kamchatsky; 6040 via Kenga; 7100 via Yuzhno Sakhalinsk f/d cd. in 2 mo. (Wolfish-ON). 7215 via Vinnitsa f/d cd. in 3 mo. (Cole-CO). 6030, 6175, 7400 via Moscow; 6165 via Kiev; 6155, 5903, 7150 via Petropavlosk Kamchatsky; 11670 via Ivano Frankovsk; 5950 via Vladivostok; 9875 via Kenga; 6140 via Zhigulevsk; 4755, 4000, 7340 via Kharkov; 7175 via Novosibirsk; 6075 via Tula; 6085 via Tbilisi; 9875 via Prunze f/d cd. in 76 ds. (Soomre-IA).

R. Peace & Progress: 6105 f/d Disarmament cd. w/ rpt. forms in 36 ds. for a SS rpt. (Wakefield-IA).

R. Rodina: 12070 f/d cd. in 32 ds. for a Russian rpt. and ms. (Gager-AUSTRIA).

R. Tasikent: 9600 f/d Logo cd. w/ goodies in 5 wks. (Jones-TR). f/d cd. w/ sked. & postcard in 42 ds. (Wright-MS). 11785 f/d cd. in 40 ds. (JAPAN-Masamune).

R. Vilnius: 11860 f/d folder cd. w/ pennant & sked. in 150 ds. (Johnson-CA).

#### NORTH AMERICA

CANADA R. Japan Relay: 5960 n/d Kyushu cd. w/ goodies in 20 ds. (NY-Bishop). 6120 n/d Doll cd. in 27 ds. (Levison-PA). CBCRQS: 9625 & 11720 n/d Eskimo cd. w/ sked. in 6 wks. for ms- which were returned. (Weiss-OR). CHNK: 6130 f/d Photo cd. in 73 ds. for ms. (Harvester-PA)...congrats Mike!! f/d Montage cd. in 74 ds. for ms- unused. V/S Kurt Arsenaull. (Weiss-OR).

COSTA RICA R. Reloj: 4832 f/d cd. in 19 ds. for a Tri rpt. and 2 ircs. V/S Francisco Barabona G. (Havrliko-UK). AWR: 15460 f/d Antenna cd. w/ sked. & info. in 69 ds. for 2 ircs. V/S David Gorg. (Soomre-IA). f/d cd. w/ info. in 90 ds. (Cole-CO). f/d cd. w/ info. in 3 mo. for \$1. V/S David L. Gregory. (Kusalik-AB). f/d cd. w/ sked. & ltr. in 159 ds. for a SS rpt. & 2 ircs. (Wakefield-IA).

DOMINICAN REPUBLIC R. Discovery: 15045 f/d Logo cd. in ?? ds. V/S Jeff White. (Levison-PA).

GUATEMALA TGMA: 3300 p/d cd. w/ ltrs. in 141 ds. for ms. V/S Wayne Berger & Mariella Posadas. (Dillon-MD). p/d cd. w/ sked. in 147 ds. for a SS rpt. & \$1. (Coday-CA). p/d Quetzal cd. w/ sked. & ltrs. in 151 ds. for a SS rpt. & \$1. (Wakefield-IA).

HONDURAS BRRI: 4755 f/d ltr. in 81 ds. V/S Edward A. Pfister. (JAPAN-Masamune).

NICARAGUA VoM: 6015 p/d ltr. w/ goodies in 101 ds. for 3 ircs. (CA-Johnson). p/d ltr. in 163 ds. for 3 ircs. V/S Rodolfo Garcia G. (Or-Weber). R. Zinica: 6120 p/d ltr. in 40 ds. V/S Arturo J. Valdez R. (Weber-OR). p/d ltr. in 108 ds. for a SS rpt. & 3 ircs. (Pagano-DC).

UNITED STATES KVON: 17775 f/d cd. w/ ltr. in 29 ds. for ms. (Harvester-PA). Voice of the OAE: 15100 f/d Logo cd. w/ magazines in 40 ds. (Jones-TR). VoFC via WYFR: 5985 f/d Lun Tang cd. w/ goodies in 34 ds. V/S Ida Lo. (Levison-PA). f/d Tso Ling cd. w/ goodies in 73 ds. (Levison-PA). f/d New Year cd. w/ goodies in 124 ds. (Wakefield-IA). n/c cd. w/ goodies in 204 ds. (Westenhaver-QU). 11805 f/d cd. in 44 ds. (Levison-PA). WYFR: 11850 f/d cd. in 2 wks. for ms. (Wolfish-ON).

#### OCEANIA

AUSTRALIA R. Australia: 7215, 9580 & 17795 f/d Fishing boats cd. w/ sticker & rpt. form in 25 ds. (Gerstner-NY). 9580 f/d Wheat cd. in 51 ds. (Kline-CA). 6035- Carnarvon, 11800- Darwin f/d Barossa Valley cd. w/ calendar in 3 wks. (Wolfish-ON). 17715- Carnarvon f/d Aboriginal Actor cd. w/ calendar in 1 mo. for \$1. (Kusalik-AB). 17750- Darwin f/d Tasmania cd. in 1 mo. for \$1. (Kusalik-AE). 17795- Sneypparton f/d Kingfisher cd. in 1 mo. for \$1. (Kusalik-AB). VL8T: 2325 f/d ltr. w/ sked. in 45 ds. for an irc. V/S Karen Kane. (Pimlett-AB).

MARIANAS ISLANDS/ KFBS: 15305 f/d ltr. w/ sked. in 2 wks. for a SASE & a taped rpt. (Miller-CA). KTWR: 9870 f/d logo cd. w/ pennant & sked. in 19 ds. for an irc. V/S A. Steve. (Masamune-JAPAN). f/d Antenna Switch cd. w/ sticker in 29 ds. V/S Maren C. Hollinger. (Levison-PA).

MARSHALL ISLANDS/ WSZO: 4940 f/d letter in 19 ds. for \$1. (Sharp-FL). f/d ltr. in 21 ds. for ms. (Hardester-PA). f/d ltr. in 21 ds. for ms. (Van Horn-FL). f/d form ltr. in 3 wks. for a SASE. (Wolfish-ON). f/d form ltr. in 24 ds. for a taped rpt. & ms. (Kusalik-AB). p/d ltr. in 25 ds. V/S Peter Boon. (Masamune-JAPAN).

NEW CALEDONIA/ RFO: 7170 n/d Map cd. in 3 mo. for 2 ircs. (Wolfish-ON).

SOCIETY ISLANDS/ R. Tahiti: 11825 f/d Conch Blower cd. w/ sked. in 53 ds. for a FF rpt. & \$1. (Levison-PA).

#### SOUTH AMERICA

ARGENTINA/ R. Rivadavia: 9115 f/d Logo cd. in 80 ds. for a SS rpt. (Masamune-JAPAN).

BRAZIL/ R. Educadora Braganca: 4825 p/d Logo folder cd. in 10 (!) ds. for a PP rpt. & 3 ircs. V/S "Barros". (Pagano-DC). R. Araguaia: 4905 f/d form ltr. in 36 ds. for a PP rpt. & \$1. V/S Paulo Magno. (Coday-CA).

COLOMBIA/ R. Macarena: 5975 f/d Map-Logo cd. w/ ltr. & info. in 177 ds. for a SS rpt. & \$1. V/S Enrique Zambrano Nieto. (Coday-CA).

ECUADOR/ HCJB: 6075 f/d Beaches cd. in 26 ds. (Soomre-MA). 6230 f/d cd. in 29 ds. (Eishop-NY)...Forrest got a note from HCJB stating that they need return postage more now than ever before; so let's help them out by sending along an irc or two with our reports, OK???...15155 f/d Monument cd. in 36 ds. (Soomre-MA). SPEEDX Report: 15270 f/d Logo cd. #097 in 7 ds. for ms. V/S David Sharp. (Gerstner-NY). HD210A: 3810 p/d Logo cd. w/ sticker & booklet in 57 ds. registered mail for a SS rpt. & 3 ircs. (Kline-CA)...I know this is a Ute station, but seeing as they have their own cards, as well as stickers...

PERU/ R. San Martin: 4810 f/d Logo cd. in 90 ds. for a SS rpt. & ms. V/S Jose Roberto Chong. (Ross-ON). R. America: 9510 f/d Antenna/Map cd. in 35 ds. for a SS rpt. & ms. V/S Luis Angel Pinasco. (Robinson-TN).

URUGUAY/ SODRE: 11885 p/d Map cd. in 226 ds. after latest f-up; 7 yrs. total, for a SS rpt. & 2 ircs. (Pimblett-AB)...Way to stick with it Nigel; great job!!

VENEZUELA/ R. Tachira: 4830 p/d friendly ltr. in 59 ds. for a SS rpt. & 2 ircs. V/S Eleazar Silva. (Wright-MB). R. Capital: 4850 f/d Logo cd. w/ bumper sticker in 101 ds. for a SS rpt. & \$1. V/S Manuel Correa. (Coday-CA).

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Hope you're all having a great Spring & early Summer ; it's been absolutely super here! I started softball again- still playing two nights-a-week; and our work is really piling up, so it looks as if we'll have a busy Summer here. Unfortunately I won't be able to make it to Anarcon this year, but I'm hoping for next year!

73 & Best of DX,

Ray

**UTILITY SCENE**

0-30 MHZ SSB • RTTY • AM • CW • FAX

Jeff Knapp  
 5465 Kirby Rd. Apt. 20  
 Cincinnati, Ohio 45223, USA

deadline:  
 12th of the month

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CAN	2182.0	U	0008	VCC	QUEBEC CITY	CCG	NTM	ES -MA
CAN	4412.0	U	0807	VCS	HALIFAX	CCG	WX	PK -IL
CAN	6492.0	C	0430	VAI	VANCOUVER	CCG	CQ MARKER	RM -MA
CAN	6706.0	U	0842	CHR	TRENTON	CANMIL	WKG AC 5644	PE -IL
CAN	6753.0	U	0220	VXA	EDMONTON	CANMIL	WX	JDW -FL
CAN	11233.0	U	1835	VXA	EDMONTON	CANMIL	WKG MILITARY FORCE 601	JDW -FL
CAN	15035.0	U	2145	CJX	ST. JOHNS	CANMIL	WX	RM -FL
CAN	22368.0	C	2338	VAI	VANCOUVER	CCG	CQ MARKER	FW -FL
USA	2182.0	U	0126	NMF 44	SOUTH HARBOR	USCG	WKG CGC BITTERSWEET	ES -MA
USA	2573.0	U	0503	WLO	MORILE	MARCO	WX	PK -IL
USA	4125.0	U	2018	KIJ	CHESAPEAKE	MARCO	CLG WA 3804	PCC-NH
USA	4371.0	U	749	WLC	ROGERS CITY	MARCO	WX	PK -IL
USA	5547.0	U	0145	KMA 7	SAN FRANCISCO	AERO	WKG UNITED 120	LS -CA
USA	5574.0	U	0200	KMA 7	SAN FRANCISCO	AERO	WKG SINGAPORE 2	LS -CA
USA	5696.0	U	0327	NMG	NEW ORLEANS	USCG	WKG CF 2112	RSR-ON
USA	5696.0	U	0132	NMC	SAN FRANCISCO	USCG	WKG Y20	RJ -NJ
USA	5696.0	U	0145	NMF	BOSTON	USCG	WKG AF 511	RJ -NJ
USA	5697.0	U	0405	NMC	SAN FRANCISCO	USCG	CLG D96	PK -IL
USA	8291.1	U	0202	WPY	MAYAGUEZ	MARCO	CLG BOURAS ANGEL	FDC-NH
USA	8291.1	U	1417	KWS 637	NEWPORT	MARCO	CLG BAY QUEEN	PCC-NH
USA	12750.0	C	0115	NIY	BOSTON	USCG	ICE PATROL	RM -MA
USA	13387.0	C	0425	KKN 39	WASHINGTON	DOS	GRA MARKER	JEB-CA
USA	16587.1	U	2021	KHT	CEGAR RAPIDS	MARCO	CLG WHML	PAC-UK
USA	17037.0	C	2230	WNU 55	SLIDELL	MARCO	CG MARKER	RM -MA
USA	17038.0	C	0100	WNU 55	SLIDELL	MARCO	CQ MARKER	JEB-CA
USA	17105.0	C	1544	WNO	LA JOLLA	SCRIPTP	V MARKER	PCC-NH
USA	17195.5	C	1825	KFS	SAN FRANCISCO	MARCO	DE MARKER	RM -MA
USA	17203.0	C	1850	KPH	SAN FRANCISCO	MARCO	DE MARKER	RM -MA
USA	17413.5	C	0070	KKN 39	WASHINGTON	DOS	GRA MARKER	JEB-CA
USA	17413.5	C	0120	KKN 39	WASHINGTON	DOS	GRA MARKER	FW -FL

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CUBA	8496.0	C	2317	CLA	HAVANA	MARCO	WKG 3FIM 2	GCH-WV
CUBA	8573.0	C	0625	CLA	HAVANA	MARCO	WKG SBXH	GCH-WV
CUBA	8609.0	C	0631	CLJ	CAIBARIEN	MARCO	WKG UYDJ	GCH-WV
CUBA	8842.0	C	0657	COL	HAVANA	AERO	WKG AEROFLOT 351	GCH-WV
CUBA	8842.0	C	0522	CLP 1	HAVANA	MFA	CLG CLP 55	GCH-WV
CUBA	12954.9	C	0041	CLS	HAVANA	MARCO	WKG COJX	GCH-WV
CUBA	13062.0	C	1837	CLA	HAVANA	MARCO	WKG COJN	GCH-WV
CUBA	15024.0	C	1547	COL	HAVANA	AERO	WKG ROWCK	GCH-WV
CUBA	17218.0	C	0413	CLJ	CAIBARIEN	MARCO	CQ MARKER	FW -FL
JAM	2182.0	U	0321	6YI	KINGSTON	MARCO	CLG UNID SHIP	PCC-NH
MART	22390.0	C	2339	FUF	FT DE FRANCE	NAVRAV	V MARKER	FW -FL
TRIN	8441.0	C	1300	9YL	NORTH POST	MARCO	V MARKER	RSR-ON

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	17190.9	C	0101	LSA	BOCA	MARCO	TFC LIST	FW -FL
ASCN	15015.0	U	1858	AFD 14	ASCENSION	AERO	WKG MAC 40627	RJ -NJ
BRZL	8519.0	C	0046	PFO	OLINDA	MARCO	V MARKER	HMH-TI
BRZL	12689.0	C	2127	PPJ	JUNCAO	MARCO	CQ MARKER	RSR-ON
BRZL	17180.0	C	2150	PWZ 33	RIO DE JANEIRO	NAVRAV	V MARKER	PAC-UK
CHIL	22472.6	C	1816	PBN	VALPARAISO	MARCO	CQ MARKER	RR -MS
SURI	15046.0	C	1757	CBV	PARAMARIBO	MARCO	CQ MARKER	RSR-ON

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AZOR	14606.0	C	1700	CWU 20	LAJES	USAF	F/P TO STATESIDE	PAC-UK
CZEC	3170.0	C	0110	DLB 5	PRAGUE	SFTS	TIME SIGS	RSR-ON
EIRE	8957.0	C	0210	EIP	SHANNON	AERO	VOLMET	JDW-FL
ENG	6413.0	C	0015	GYC	NAVRAD	LONDON	V MARKER	RM -MA
ENG	6428.5	C	0002	GKD	PORTISHEAD	MARCO	DE MARKER	RM -MA
ENG	11200.0	C	1830	MVU	WEST DRAYTON	VOLMET	VOLMET	JDW-FL
ENG	16882.0	C	1835	GKS 6	PORTISHEAD	MARCO	DE MARKER	RR -MS
ENG	17215.0	C	2245	GKP 6	PORTISHEAD	MARCO	DE MARKER	RR -MS
FRAN	6351.0	C	0415	FUG	LA REGINE	NAVRAD	V MARKER	RM -MA
FRAN	13176.3	C	1203	FFL 61	ST. LYS	MARCO	VOICE MARKER	JDW-FL
FRAN	17201.0	C	2211	FFT	ST. LYS	MARCO	DE MARKER	FW -FL
FRG	5690.0	C	0120	DHM 95	LAHR	AFB	WX	JDW-FL
FRG	8511.9	C	0229	DAL	NORDDEICH	MARCO	V MARKER	JDW-FL
FRG	13526.2	C	2201	DAJ	NORDDEICH	MARCO	CQ MARKER	FW -FL
HOLL	6403.0	C	0019	PCH 30	SCHEVINGEN	MARCO	DE MARKER	RM -MA
HOLL	17104.0	C	2242	PCH 62	SCHEVINGEN	MARCO	DE MARKER	RR -MS
HOLL	17104.4	C	2200	PCH	SCHEVINGEN	MARCO	DE MARKER	FW -FL
HOLL	17217.2	C	2246	PCH	SCHEVINGEN	MARCO	DE MARKER	RR -MS
HUNG	12963.0	C	1204	HAR	BUDAPEST	MARCO	V MARKER	RSR-ON
ITLY	14094.0	C	2115	IDR 6	ROME	NAVRAD	V MARKER	RM -MA
ITLY	16005.0	C	2249	IDR 6	ROME	NAVRAD	V MARKER	RR -MS
ITLY	17105.0	C	2157	IRM	ROME	CIAM	V MARKER	FW -FL
MALT	12709.3	C	1309	9HD	VALETTA	MARCO	V MARKER	RSR-ON
MONA	8728.2	C	1702	JAC	MONACO	MARCO	TFC LIST	PAC-UK
NOR	16927.5	C	0324	LGW	ROGALAND	MARCO	DE MARKER	RM -MA
PDL	12721.0	C	1137	SPH	GODYNIA	MARCO	CQ MARKER	RSR-ON
SFAN	6328.5	C	0140	EAD 2	ARANJUEZ	MARCO	DE MARKER	RM -MA
SFAN	17016.5	C	1622	EBA	MADRID	NAVRAD	NAV WARNINGS	RM -MA
SFAN	17184.8	C	2207	EAD	ARANJUEZ	MARCO	DE MARKER	FW -FL
SWED	12880.0	C	1850	SAG	GOETTERBORG	MARCO	DE MARKER	RM -MA
SWIS	13205.0	C	2145	HEE 60	BERNE	MARCO	F/P WITH VRBJG	RR -MS
SWIS	16863.0	C	2134	HEB	BERNE	MARCO	CQ MARKER	RR -MS
USSR	6341.5	C	1200	UKA	VLADIVOSTOK	MARCO	CQ MARKER	PAT-CA
USSR	8698.0	C	0358	UDK	MURMANSK	MARCO	CLG 4LS	POC-NH
USSR	12690.0	C	1130	UJY	KALININGRAD	MARCO	CQ MARKER	RSR-ON
USSR	12693.0	C	2350	URD	LENINGRAD	MARCO	DE MARKER	RSR-ON
USSR	12803.0	C	0003	UDK 2	MURMANSK	MARCO	CLG 4LS	RSR-ON
USSR	12955.0	C	0012	UFL	VALADIVOSTOK	MARCO	V MARKER	RSR-ON
USSR	13000.0	C	2201	UBE 2	PETROPAVLOVSK	MARCO	CQ MARKER	RSR-ON
USSR	13029.0	C	0029	UGB	KHOLMSK	MARCO	V MARKER	RSR-ON
USSR	13055.0	C	2240	UJD 7	KIEV	MARCO	CLG 4LA	POC-NH
USSR	13070.0	C	1853	UDH	RIGA	MARCO	CQ MARKER	POC-NH
USSR	16705.0	C	2058	UGK	RIGA	MARCO	KRIPTOGRAMMAS	FW -FL
USSR	16740.0	C	2346	UMV	MURMANSK	MARCO	SL TO RODIN STARMAN	FW -FL
USSR	16942.0	C	1222	FCV	MOSCOW	NAVRAD	DE MARKER	PAC-UK

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ANGD	12780.0	C	2353	DSE 51	LUANDA	MARCO	CQ MARKER	RSR-ON
ANGD	22330.4	C	1816	DSE 81	LUANDA	MARCO	CQ MARKER	RR -MS
BRAN	12709.0	C	1849	9YM	MANAMA	MARCO	DE MARKER	POC-NH
BRAN	12709.0	C	1305	9YM	MANAMA	MARCO	DE MARKER	RSR-ON
BRAN	13086.5	C	1748	9YM	MANAMA	MARCO	DE MARKER	POC-NH
BRAN	22511.4	C	1238	9YM	MANAMA	MARCO	DE MARKER	PAC-UK
DJIB	12728.0	C	1141	JZA 9	DJIBOUTI	MARCO	DE MARKER	RSR-ON
EGPT	5658.0	C	0316	SUC	CAIRO	MARCO	CQ MARKER	RSR-ON
ETHO	11300.0	C	0045	ETD 3	ADDIS ABABA	AERO	WKG KHARTOUM	RSR-ON
ETHO	11300.0	C	0045	ETD 3	ADDIS ABABA	AERO	WKG CAIRO	RSR-ON
IVRY	13060.5	C	0959	TUA 5	ADDIS ABABA	AERO	WKG NAIROBI AERO	JDW-FL
KEN	5658.0	C	0347	5VD	ABIDJAN	MARCO	CQ MARKER	PAC-UK
LYBA	8450.0	C	0814	5AB	NAIROBI	AERO	WKG MOGADISCIO	RSR-ON
QATR	12968.0	C	1326	47D	BENGHAZI	MARCO	CQ MARKER	PAC-UK
SAUD	8484.5	C	0043	HZG	DOHA	MARCO	DE MARKER	RSR-ON
SENE	13410.0	C	2218	6WW	DAMMAN	MARCO	DE MARKER	RSR-ON
SOAF	17164.8	C	1713	ZSC 7	DAKAR	NAVRAD	V MARKER	FW -FL
SOMA	11300.0	C	0110	60M	CAPETOWN	MARCO	CQ MARKER	POC-NH
STHL	12963.5	C	1206	ZHH	MOGADISCIO	AERO	WKG KHARTOUM AERO	JDW-FL
SUDN	5658.0	C	0251	STK	JAMESTOWN	MARCO	DE MARKER	RSR-ON
SYRA	14445.0	C	1953	VXV 9	KHARTOUM	AERO	WKG LUTHANSA 570	RSR-ON
TURK	17008.5	C	1801	TAH	GOLAN HEIGHTS	CANMIL	PHONE PATCH	POC-NH
ZIRE	8903.0	C	2209	9PL	ISTANBUL	MARCO	TFC LIST	POC-NH
					KINSASHA	AERO	WKG ZIMBABWE 124	RSR-ON

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
HONG	8539.0	C	4217	VPS	VICTORIA ISLE	MARCO	DE MARKER	RSR-ON
HONG	13020.4	C		VPS	VICTORIA ISLE	MARCO	DE MARKER	PAC-UK
HONG	13020.4	C	0036	VPS	VICTORIA ISLE	MARCO	DE MARKER	RSR-ON
HONG	17096.0	C	0020	VPS	VICTORIA ISLE	MARCO	CLG HJRT	RR -MS
INDI	3646.0	C	1233	VTF	VISHVAHAFATNAM	NAVRAD	V MARKER	RSR-ON
INDI	22378.1	C	1248	VTG	BOMBAY	NAVRAD	V MARKER	PAC-UK
INDI	12703.6	C	1140	PKD	SURABAYA	MARCO	CQ MARKER	RSR-ON
INDI	12970.5	C	0022	PKB	BELAWAN	MARCO	CQ MARKER	RSR-ON
INDC	12780.0	C	0918	PKI 2	JAKARTA	MARCO	CQ MARKER	PAC-UK
JAPAN	8492.0	C	1117	JNA	TOKYO	MARCO	V MARKER	RSR-ON
JAPAN	12667.5	C	0800	JCX	NAHA	MARCO	CQ MARKER	PAC-UK
JAPAN	12667.5	C	0012	JCX	NAHA	MARCO	CQ MARKER	RSR-ON
JAPAN	12673.5	C	1128	JOU	NAGASAKI	MARCO	CQ MARKER	RSR-ON

JPAN	13008.0	C	2301	JOR	NAGASAKI	MARCO	CQ	MARKER	POC-NH
JPAN	13063.0	C	0016	JDB	NAGASAKI	MARCO	CQ	MARKER	RSR-ON
JPAN	16911.2	C	0011	JNA	TOKYO	MARCO	CQ	MARKER	RR -MS
JPAN	16993.0	C	0012	JOS	NAGASAKI	MARCO	CQ	MARKER	RR -MS
MLAY	12677.9	C	2320	9MG	PENANG	MARCO	CQ	MARKER	RSR-ON
MLAY	12781.5	C	1157	9MB	PENANG	NAVRAD	V	MARKER	RSR-ON
PAKI	13011.0	C	2258	ADP	KARACHI	NAVRAD	V	MARKER	POC-NH
PHIL	12867.0	C	1258	NPD	SUBIC BAY	NAVRAD	CQ	MARKER	PAC-UK
PHIL	12906.0	C	0013	DIZ	BULACAN	MARCO	CQ	MARKER	RSR-ON
PRC	8513.9	C	1124	XSQ	GUANGZHOU	MARCO	CQ	MARKER	RSR-ON
PRC	12871.5	C	0006	XSG	SHANGHAI	MARCO	CQ	MARKER	RSR-ON
PRC	12949.0	C	0934	XSB	DATONG FISHERY	MARCO	DE	MARKER	PAC-UK
PRC	16862.6	C	2312	XSV	TIANJIN	MARCO	CQ	MARKER	POC-NH
PRC	17091.0	C	1555	XSD	GUANGZHOU	MARCO	CQ	MARKER	RR -MS
PRC	17091.0	C	0019	XSQ	GUANGZHOU	MARCO	CQ	MARKER	POC-NH
ROK	12712.0	C	0933	HLW	SEOUL	MARCO	CQ	MARKER	RR -MS
ROK	12727.0	C	2348	HLJ	SEOUL	MARCO	CQ	MARKER	PAC-UK
ROK	12843.0	C	0000	HLD	SEOUL	MARCO	CQ	MARKER	RSR-ON
ROK	12923.1	C	0017	HLW	SEOUL	MARCO	CQ	MARKER	RSR-ON
ROK	12935.0	C	1915	HLG	SEOUL	MARCO	CQ	MARKER	RSR-ON
ROK	16990.0	C	0014	HLD	SEOUL	MARCO	CQ	MARKER	POC-NH
SING	8609.5	C	1239	9VG	SINGAPORE	MARCO	V	MARKER	RR -MS
SING	8715.0	C	1415	9VG	SINGAPORE	MARCO	DE	MARKER	RR -MS
SING	12707.0	C	1841	9VG	SINGAPORE	MARCO	V	MARKER	JEB-CA
SING	16868.7	C	0009	9VG	SINGAPORE	MARCO	CQ	MARKER	POC-NH
SING	16966.5	C	1755	9VG	SINGAPORE	MARCO	CQ	MARKER	RR -MS
THAI	12800.0	C	1233	HSA	BANGKOK	MARCO	CQ	MARKER	POC-NH
TIWN	8511.0	C	1245	XSW	KAOHSIUNG	MARCO	CQ	MARKER	RSR-ON
TIWN	16941.0	C	0013	XSW	KAOHSIUNG	MARCO	CQ	MARKER	RR -MS
TIWN	17010.0	C	0015	XSX	KEELUNG	MARCO	CQ	MARKER	RR -MS

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

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB	
AUST	12952.5	C	2156	VIS	5 SYDNEY	MARCO	V	MARKER	RSR-ON
AUST	12994.0	C	2305	VIP	4 PAETH	MARCO	V	MARKER	POC-NH
AUST	17161.3	C	0050	VIS	5 SYDNEY	MARCO	V	MARKER	FW -FL
AUST	17204.0	C	0425	VIS	84 SYDNEY	MARCO	DE	MARKER	JEB-CA
AUST	22474.0	C	2346	VIS	5 SYDNEY	MARCO	V	MARKER	FW -FL
FFPD	17380.0	C	0116	FUM	PAPEETE	NAVRAD	V	MARKER	FW -FL
FFPD	22544.0	C	2351	FUM	PAPEETE	NAVRAD	V	MARKER	FW -FL
GURM	8570.0	C	1133	NRV	APRA HARBOUR	USCG	CQ	MARKER	RSR-ON
GURM	12745.0	C	1325	NRV	APRA HARBOUR	USCG	CQ	MARKER	RSR-ON
HI	5628.0	U	1338	KUA	3 HONOLULU	AERO	MKG	JAPAN 62	LS -CA
HI	12878.5	U	1209	NMO	HONOLULU	USCG	CQ	MARKER	RSR-ON
HI	15282.0	U	1209	KVM	70 HONOLULU	VOLMET	VOLMET		JDW-FL
HI	22467.0	U	2349	NMO	HONOLULU	USCG	CQ	MARKER	FW -FL
NCAL	22461.0	C	2343	FIJ	NDUPEA	NAVRAD	V	MARKER	FW -FL
NZEL	8504.0	C	0720	ZLB	4 ANARUA	MARCO	DSX	MSG	RMA-IA
NZEL	12717.0	C	328	ZLO	WAIOURU	NAVRAD	DE	MARKER	BJ -TX
NZEL	17170.0	C	0059	ZLB	ANARUA	MARCO	DE	MARKER	FW -FL
PNG	13042.0	C	0702	P2M	PORT MORESBY	MARCO	CQ	MARKER	PAC-UK

\*\*\* RTTY \*\*\*

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTY	TRAFFIC	CONTRB
5241.5	2335	50-425	YZD	BELGRADE	TANJUG	YUGO	RYG	RM -MA
6358.5	0200	100-425N	PBC	3 GDEREE ISLE	NAVRAD	HOLL	RYG	RM -MA
6387.5	0425	0425	GYU	GIBRALTAR	NAVRAD	GIBR	FOXES	RM -MA
9070.2	0325	50-425N	6VY	50 DAKAR	METEO	SENE	RYG	LSH-CA
9071.5	0300	50-425N	6VU	DAKAR	ASECNA	SENE	DE MARKER	RM -MA
9136.0	2255	50-425N	TJK	DOULA	ASECNA	CAME	TEST SLIP	RMA-IA
9136.1	0315	50-425R	TJK	DOULA	ASECNA	CAME	RYG	LSH-CA
9184.3	0340	50-425	TLO	BANGUI	ASECNA	CAFR	DE MARKER	LSH-CA
13366.5	2243	50-425N	SYD	NAIROBI	AERO	KEN	WX	RMA-IA
13844.4	2142	75-850N	KRH	51 LONDON	EMBASY	ENG	FOXES	FW -FL
16194.0	1420	100-425N	NBA	BALBOA	NAVRAD	PANA	RYG	RM -MA
16194.0	1923	75	NBA	BALBOA	NAVRAD	PANA	TESTING DE NBA	PAC-UK
17145.0	0046	50-475R	XVB	54 HANOI	PTT	VIET	RYG	JEB-CA
17154.3	0047	50-425R	XVB	HANOI	PTT	VIET	QRA MARKER	FW -FL
17215.5	2220	ARD	PCH	65 SCHOEVINGEN	MARCO	HOLL	ID MARKER	JEB-CA

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

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2118.0	U	0410	VXGB	MOHONE BAY	MKG ST. JOHNS	POC-NH
4112.6	U	0042	3FEB	2 VICTORIA	MKG WDM	JG -NY
4125.0	U	1934	WZF	3006 AMY MORAN	MKG WBM	POC-NH
4131.2	U	0104	LKOH	M/V SKYWARD	MKG WDM	JG -NY
6269.1	R	0150	WUFT	TH MATMASKA ARKH	MARKER	LSH-CA
8204.0	C	0106	BYGA	HORNS WOBEN #3	MKG WDM	FWB-NJ
8207.4	U	2332	3FMG	2 BERMUDA STAR	MKG WDM	JG -NY
8241.5	U	1929	H9WX	AKINDUNDI	MKG PORTISHEAD	POC-NH
8263.2	U	1945	6ZNL	AL SANAD	MKG VCS	POC-NH
8298.0	R	0213	UJEH	TK VIDNDE	RYG TO URB 2	RMA-IA
8298.2	R	0135	ESWE	TR RIZHSKIY ZALIV	MARKER	LSH-CA
8299.5	R	0410	UYUE	TKH NIKOLAI KREMLYANSKI	MKG ODESSA	JEB-CA
8299.6	R	0158	USMV	TKH DEBREITEN	MARKER	LSH-CA
8301.5	U	1927	C6FA	5 CHEVRON EDINBURGH	P/P VIA PORTISHEAD	POC-NH
8347.0	R	0555	UKNH	PB YUZHNG-SAKHALINSK	TFC TO UAD2	JEB-CA

8347.0	R	0155	UUDM	NIS PROFESSOR SHTOKMAN	TFC		LSH-CA
8349.0	R	0135	JAVK	M/V ANANGEL FIDELITY	WKG	TO SVS	JEB-CA
8350.0	R	0200	UVMR	TH FEDOR BREDKHIN	TFC		LSH-CA
8354.0	R	0100	ESRD	TH PEGELMAN	TFC		LSH-CA
8364.0	C	0537	ZADV	VLORA	TFC		FWB-NJ
8377.0	C	0507	PMBL	BNS BRASIL	WKG	HCG	FWB-NJ
8379.0	C	0208	3BFA	TAMARIN	WKG	FFL 4	FWB-NJ
8383.0	C	0619	4XLO	RAQEFET	WKG	GKC	FWB-NJ
8384.0	C	0438	SWIQ	M/V ANDROS ISLAND	WKG	SVB	GCH-WV
8385.0	C	0325	EHJU	M/N ALGALO	WKG	CBV	FWB-NJ
8387.0	C	0423	P3ES	M/V VENTURE	WKG	FFL 4	FWB-NJ
8387.0	C	0056	9HFZ	M/N CASABLANCA	WKG	EAD 3	FWB-NJ
8391.0	C	0201	CKKJ	MP RIO YATERAS	WKG	VCS	FWB-NJ
8392.6	C	0126	SSBR	RORO AIN GALOOT	WKG	YUR	FWB-NJ
8393.0	C	0136	ONNE	MINERAL HOBOKEN	WKG	DST	FWB-NJ
8395.0	C	0029	ATHG	DR. ALBERT BLOCH	WKG	DST 4	FWB-NJ
8395.8	C	0213	9VNW	WARSCHAU	WKG	VCS	FWB-NJ
8399.0	C	0100	JBZU	TOSA MARU	WKG	ORC 3	FWB-NJ
8402.0	C	2338	EGKR	MARCOAZUL	WKG	PPL	FWB-NJ
8404.0	C	2144	H20A	M/V NEW FAME	WKG	PPR	FWB-NJ
8404.0	C	0553	UWAA	M/V MLECHNY PUT	WKG	ZLR	FWB-NJ
8419.0	C	0156	CUFG	MARTEREZA	WKG	CUL	FWB-NJ
8426.0	C	2127	9VDB	M/V NORDSTRAND	WKG	DAN	FWB-NJ
8428.0	C	2038	SGME	POWSTANIEC WARSZAWS	WKG	SPE	FWB-NJ
12505.0	R	0055	HCIG	M/V LAS GALAPAGO	TFC		LSH-CA
12520.0	R	2150	UWGG	TH ANAPA	TFC		LSH-CA
12521.0	R	0045	NAAD	USCGC CUTTER GLACIER	TFC		LSH-CA
12521.5	R	0010	UFU	RTMS DONISAR	TFC		LSH-CA
12522.0	R	0030	EVQP	RTMS OKTANT	MARKER		LSH-CA
12523.0	R	2145	UDTX	TK MOVDOROSSISKII PARTI	TFC		LSH-CA
12523.0	R	2045	URWI	NIS GEDLOG DMITRIY NALV	TFC		LSH-CA
12523.0	R	2115	UYJE	TH VOTKINGH	TFC		LSH-CA
12550.0	C	2139	XCNF	TEPOZTLAN	AMVER	TO WCC	GCH-WV
12571.0	C	2054	IBFR	LAURA ERRE	WKG	IQX	FWB-NJ
12582.0	C	2324	PPDH	ITANAGEH	WKG	PPL	GCH-WV
12625.0	C	1522	HPJI	M/V TROPICAL BEAUTY	WKG	JCS	FWB-NJ
16672.5	R	2220	DWLA	TORMRASK	TFC		JEB-CA
16755.0	C	0324	YXAA	M/V GUARICO	WKG	JCS	FWB-NJ
16793.0	C	2025	HCCN	M/N RIO ESMERALDAS	WKG	HCG	FWB-NJ
16874.0	C	2108	LRRG	RIO TEUCO	WKG	PPL	FWB-NJ

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

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2899.0	U	0135	AMERICAN 70	WKG NY	JDW-FL
5529.0	U	0502	IBERIA 997	WKG SANTO DOMINGO	GCH-WV
5550.0	U	0123	NATION AIR 723	WKG NY	JDW-FL
5574.0	U	1150	AIR CANADA 215	WKG SAN FRAN	JDW-FL
5574.0	U	1126	DELTA 156	WKG SAN FRAN	JDW-FL
5598.0	U	2348	ALITALIA 555	WKG SAN JUAN	JDW-FL
5598.0	U	0155	CUBANA 1495	WKG SANTA MARIA	JDW-FL
5598.0	U	0201	IBERIA 961	WKG SAN JUAN	JDW-FL
5598.0	U	0021	MAC 70024	WKG NEW YORK	JDW-FL
5616.0	U	0138	CLIPPER 84	WKG NY	JDW-FL
5616.0	U	0150	LUFTHANSA 528	WKG SANTA MARIA	JDW-FL
5643.0	U	1137	QANTAS 11	WKG HONOLULU	JDW-FL
5643.0	U	1143	QANTAS 17	WKG TAHITI	JDW-FL
5652.0	U	0042	ALITALIA 843	WKG BOMBAY	J6 -NY
5652.0	U	0050	CALEDONIAN 371	WKG ALGIERS	J6 -NY
5652.0	U	0052	KLM 588	WKG ALGIERS	J6 -NY
5652.0	U	0552	NP788	WKG ALGIERS	GCH-WV
5658.0	U	0038	AEROFLOT 454	WKG ADDIS ABABA	J6 -NY
5658.0	U	0100	SPEEDBIRD 515	WKG KHARTOUM	J6 -NY
5692.0	U	0023	CG 1375	WKG SAVANNAH AIR	JDW-FL
5696.0	U	1341	CG 2116	WKG MIAMI	JDW-FL
5696.0	U		CG 2120	WKG MIAMI	JDW-FL
5697.0	U	0418	MAC 0263	WKG NMC	PK -IL
5677.0	U	0026	ALM-ANTILLEAN 983	WKG SAN JUAN	JDW-FL
5677.0	U	0138	WEST INDIAN 604	WKG SAN JUAN	JDW-FL
6643.0	U	0509	TWA 904	WKG BERNE	GCH-WV
6655.0	U	1355	HIWIAN 2	WKG HONOLULU	LS -CA
6693.0	U	0140	CANMIL 2431	WKG HALIFAX MILITARY	JDW-FL
6705.0	U	0145	CANMIL 6676	WKG EDMONTON	JDW-FL
8825.0	U	1257	ITALIAN AF 2022	WKG GANDER	JDW-FL
8842.0	C	0618	ROWCS	WKG COL	GCH-WV
8846.0	U	1954	AEROFLOT 332	WKG NY	POC-NH
8846.0	U	1609	AIR FRANCE 063	WKG SAN JUAN	JDW-FL
8846.0	U	1614	ELAFRA 814	WKG NEW YORK	JDW-FL
8846.0	U	0007	KLM 784	WKG NY	J6 -NY
8846.0	U	1406	VARIG 683	WKG SAN JUAN	JDW-FL
8855.0	U	0700	VIASA 942	WKG BRASILIA	GCH-WV
8861.0	U	0519	PARGUAYO 801	CLB RECIFE	GCH-WV
8864.0	U	1306	CLIPPER 101	WKG GANDER	JDW-FL
8864.0	U	1925	GULL 29	WKG NW	POC-NH
8867.0	U	0549	HAWAIIAN 467	WKG NADI	GCH-WV
8867.0	U	0602	NEW ZIALAND 143	WKG AUCKLAND	GCH-WV
8879.0	U	1317	CLIPPER 67	WKG GANDER	JDW-FL
8894.0	U	0052	AEROFLOT 354	WKG ALGIERS	GCH-WV
8903.0	U	0145	LUFTHANSA 572	WKG KINSHASA AERO	JDW-FL
8903.0	U	1117	MCA 60013	WKG HONOLULU	JDW-FL
8903.0	U	0451	SARENA 5038	WKG KINSHASA	GCH-WV
8984.0	U	1807	CG 2103	WKG MIAMI	JDW-FL
8993.0	U	2006	MAC 2365	CLB FOR RADIO CHECK	PK -IL

10024.0	U	0444	CLIPPER 210	CLG	LIMA	GCH-WV
11300.0	U	0033	AIR FRANCE 465	WKG	NAIROBI	JDW-FL
11300.0	U	0037	AIR INDIA 181	WKG	NAIROBI	JDW-FL
11300.0	U	0105	ALITALIA 8180	WKG	ADDIS ABABA	JDW-FL
11342.0	U	0122	LUFTHANSA 572	WKG	KHARTOUM	JDW-FL
11394.0	U	1838	LUFTHANSA 476	WKG	NEW YORK	JDW-FL
11394.0	U	1700	CLIPPER 1340	WKG	NY	JDW-FL
11394.0	U	1816	CLIPPER 225	WKG	SAN JUAN	RM-FL
13330.0	U	1824	101 ALPHA WHISKEY	WKG	NY	JDW-FL
15024.0	C	1558	CUBANA 1490	WKG	HOUSTON	JDW-FL
					COL	GCH-WV

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

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
3131.0	U	0425	GST	RELAY BETWEEN RIT & 7PZ	PK -IL
4374.0	U	0800	ISN	WKG 2GT	PK -IL
4374.0	U	0516	VSR	CLG FOR RADIO CHECK	PK -IL
4416.0	U	1015	C7T	WKG J7F	RM -FL
4638.0	U	0655	KMC 699	WKG UNIT 12	RM -FL
5616.0	U	0753	COUP 44	WKG GANDER	BM -NE
5700.0	U	0213	SNOWBALL	WKG FISHERMAN	RM -FL
6683.0	U	1244	SAM 60201	P/P VIA ANDREWS	BW -NE
6705.0	U	0633	COUP 44	WKG EDMONTON	BW -NE
6721.0	U	0406	5TH	SKYKING MSG	PK -IL
6721.0	U	0354	J9C	WKG 5TH	PK -IL
6735.0	U	0631	COUP 44	WKG RAYMOND 24	BW -NE
6738.0	U	1125	MAC 70023	P/P VIA ANDERSON AFB	BW -NE
6738.0	U	1052	SWAN 02	WKG YOKOTA METRO	BW -NE
6762.0	U	1640	OILY 21	WKG ALLIANCE	PK -IL
9018.0	U	1609	SAM 31681	WKG ANDREWS	BM -NE
9023.0	U	1512	DAYTONA ALPHA	WKG MERIDETH 06	RM -FL
9028.0	U	1957	ORGANIZE	SKYKING MSGS	PK -IL
11118.0	U	1317	SAM 31681	WKG ANDREWS	BW -NE
11180.0	U	1618	NAVY 49676	WKG SPAR 57	BW -NE
11182.0	U	0153	WAXY 58	CLG SCOTT USAFB	BW -NE
11182.0	U	2023	YANKEE 02	CLG SCOTT USAFB	BW -NE
11194.0	U	2213	LOCKHEED 3	WKG 5805	BW -NE
11267.0	U	2354	H5B	CLG 07X	RM -FL
11267.0	U	1821	HOTEL 6 PAPA	WKG 9 UNIFORM FOXTROT	JDW-FL
11288.0	U	2205	SLINGSHOT	WKG OMAHA 59	RM -FL
12324.0	U	1625	SPAR 57	WKG ANDREWS	BM -NE
13247.0	U	1742	SAM 31681	WKG ANDREWS	BW -NE
13291.0	U	1722	SAM 30502	WKG NEW YORK	BW -NE
13658.0	U	0145	ATLAS	WKG PANTHER	RM -FL
14686.0	U	1712	AMBUSH	WKG ATLAS	JDW-FL
14686.0	U	1718	SLINGSHOT	WKG ATLAS	JDW-FL
14726.0	U	1854	G2IS	WKG MUH	PK -IL
14728.0	U	1838	G2IS	WKG M5S	PK -IL
15015.0	U	1548	SAM 60200	WKG ANDREWS	BW -NE

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

CNTRY CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
		SWISSAIR 153	PFC 2IRC --579D1--	5598.0	POC-NH
		SPANTAX 991 AERO	PFC MS 45D	8825.0	POC-NH
		VOYAGER I AIRCRAFT	CARD MS 110D	8828.0	ES -MA
	C6CM 4	M/S STARNARD	PFC 1MS 0D	4151.2	JG -NY
	C6CM 7	S/S NORWAY	PFC 1MS 25D	8207.4	JG -NY
	CGBN	CCGC LOUIS SAINT LAURENT	PFC MS 27D	2182.0	POC-NH
	GRYN	HMS HERMIONE	PFC MS 60D	8250.8	POC-NH
	LADE	M/V ROYAL VIKING SKY	PFC MS 104D	8288.0	POC-NH
	NRVU	USCGC POLAR SEA	PFC NOPOST 38D	12342.4	POC-NH
	PHOD	SMIT LLOYD 90	LETTER 2IRC 54D	2182.0	HH -MD
	PJ5U	S/S ROTTERDAM	PFC NOPOST 105D	8288.0	POC-NH
	VRFS	M/V PACIFIC PRIDE	PFC MS 30D	8241.5	POC-NH
AUST	VHF	MARCO CANBERRA	CARD \$1US 43D	6429.0	HMH-TX
AUST	VHG	SFTS LYNDBURST	CARD NOPOST 26D	4500.0	RAD-PA
BARB	BPD	MARCO BRIDGETOWN	PFC MS 30D	12709.0	RSR-ON
BRZL	PPR	MARCO RIO DE JANEIRO	LETTER 1IRC -3YRS 5 MO'-	8634.0	ES -MA
CAN	VFN	CCG MONTREAL	PFC MS 21D	500.0	POC-NH
ENS	MTI	NAVRAD PLYMOUTH	PFC MS 95D	4310.0	POC-NH
FRAN	FFL	MARCO ST. LYS	LETTER FORBIDDING QSL	6421.5	HMH-TX
FRAN	FTK	DGT PARIS	PFC MS 22D	10640.0	POC-NH
FRG	DAN	MARCO NORDDEICH	LETTER 2IRC 24D	2182.0	HH -MD
GDR	Y3S	SFTS NAUEN	CARD NOPOST 89D	4525.0	POC-NH
GDR	Y3S	SFTS NAUEN	CARD 1IRC 60D	4525.0	HH -PA
GIBR	GYU	NAVRAD GIBRALTAR	PFC MS 44D	8625.2	POC-NH
HOLL	PRC 3	NAVRAD BEREKE ISLE	PFC MS 22D	11133.0	POC-NH
IVRY	TUH	ASECNA ABIDJAN	LETTER 2IRC 72D	8861.0	POC-NH
JPAN	JCS	MARCO CHOSI	CARD MS 20D	12826.5	RSR-ON
JPAN	JJP	SFTS TOKYO	CARD NOPOST 80D	10000.0	POC-NH
PANA	HPF	MARCO PANAMA/INTELMA	CARD \$1US 48D	6423.0	HMH-TX
REUN	FUX	NAVRAD SAINT DENIS	CARD MS 90D	8475.5	RSR-ON
SWIS	HEB	MARCO BERNE	PFC 1IRC 12D	13023.7	HMH-TX
USA	NOY	USCG GALVESTON	CARD MS 30D	2670.0	RSR-ON
USA	WNU	MARCO SLIDELL	CARD MS 41D	500.0	POC-NH



\*\*\* CONTRIBUTORS \*\*\*

NAME	INI-ST	RECEIVER	# LOGS
ALEXANDER, RODNEY	RMA-IA	R 70	7
BELSHAUS, FRED W.	FWE-NJ	R 71A	27
BERRI, JASON E.	JEE-CA	R 2000 RF 2900	12
CONWAY, PETER A.	PAC-UK	TS 4305 DX400	18
D'ANGELO, RICHARD A.	RAD-PA		1
GERSTNER, JOHN	JG-NY	DX 1000	13
HALSTEAD, GARIE	GCH-WV	R 46 ICF 2001	24
HARDESTER, MIKE	MH-PA	R 1000/FRG 7000	1
HARDY, LE ROY S.	LSH-CA	R 70	19
HAWKINS, HUGH S.	HH-TX	R71A	5
HOLBROOK, HANK	HH-MD	RBL 2 RBL A	2
JOHNSON, ROBERT	RJ-NJ	R 70	4
JONES, BRIAN	BJ-TY	R 70	1
KERRIGAN, PATRICK	PK-IL		16
MATTALIANO, ROBERT	RM-MA	R 71A	18
MORTON, RICHARD	RM-FL	WORLD MONITOR	9
O'CONNOR, PATRICK	POC-NH	IC R71A DX 302	49
ROCKER, RAYMOND	RR-MS	FT 757G	18
ROSS, ROBERT S.	RSR-ON	FR 1015/TS 4305	57
SCOMRE, ED	ES-MA	R 2000	4
SZALONY NC6W, LEONARD	LS-CA	TS 9305 R 71A	6
THOMPSON, PEGGY	PAT-CA	FRG 7	1
WARD, BARRY	BW-NE	R 71A CR 2021	16
WHITE, FRED	FW-FL	TWO NRD 515	26
WILLIAMS, JOHN D.	JDW-FL	R 71A/ R 7A	54

We have a full plate this month! Welcome to you new contributors, and welcome back to you regulars. I've got a number of topics to cover this month, so I'll just bring them up as I work my way throught the stack.....

New books by Joerg Klingenfuss. . . . He has released the Third Edition of the Guide to Former Utility Transmissions and the Seventh Edition of the Guide to Facsimile Stations. "Former" is a 126-page book of ute stations that Joerg has monitored since the sixties but for various reasons are off the air or in stages of disuse. This is a text of historic nature and holds valuable information about frequency usage and the evolution of modern shortwave stations. Very useful for the dedicated DXer who would like a research reference that covers a long period. "Facsimile" is 252 pages of up-to-date info on facsimile stations, equipment, standards, and schedules. Almost twice as thick as the sixth edition, this is required reading for those of you who have interest in facsimile, especially those of you who picked up fax equipment at the Dayton Hamfest, hi! Both books are available in many SW shops around the country, or direct from Joerg at Klingenfuss Publications, Hagenlocher Str. 14, D-7400 Tuebingen, FRG.

Universal Shortwave has published a new catalog. Universal is one of the premier shortwave equipment and bookstores in the US, and their catalog reflects their commitment to quality and selection. Available for \$1 US, you can order from Universal at 1280 Aida Drive, Reynoldsburg OH 43068. Address any questions to Fred Osterman.

QSL ace Hank Holbrook passes along an excerpt from a letter in answer to a request for QSL to DAN, Norddeich MARCO, FRG. The letter states, "Normally Norddeich Radio does NOT verify reception reports, as most of the transmissions of this station are subject to secrecy of telecommunications and very often we get such reports with details of private or commercial traffic. Exceptionally we will verify your report as enclosed." The key here seems to be that if you want a QSL from DAN, indeed any station, be careful about what you quote as the transmitted traffic. Remember it is unlawful to divulge the actual contents of a transmission. Relate the circumstances of the transmission, but not the content. Be sure to include postage if possible, and above all be courteous; remember you are asking the people to take time out from their busy schedules to answer your plea for a QSL.

Ship news from Howard Kemp. . . . American Cruise Lines luxury ship the Charleston went into service sometime in May for a variety of 7 to 21-day cruises along the east coast. Carnival Cruise Lines Celebration made its inaugural cruise On March 14 and sails every Saturday from Miami to points in the South Atlantic. The ship holds 1486 passengers.

That's all I have time for this month. I've been working extra hours getting our shipping and production departments up and running with custom software on our IBM maincomputer. It's been in planning and writing stages for 4 months and I have two weeks to complete 4 man-weeks of work to meet a deadline. No DXing for me this month! I hope you can do better than I, and I look forward to hearing from you soon. 73 and BEST DX.....

**SPEEDX SPOTLIGHTS\***

JUNE 1987

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067-4132 U.S.A.

TOTAL CONTRIBUTORS: 112

2	ADDISON, JOE	KS R1000	1	MORTON, RICHARD	FL BE WMII
1	ALEXANDER, RODNEY	IA IC-R70	1	MUNSTER, RALF	GA FRG7700
3	ALEXANDER, SAM	NC	1	MUZYKA, WILLIAM	NY RF4900
4	ALLEN, P.J.	CA ICF2010	1	McCANTS, DONALD	AL RF2200
1	ALLRED, BRENT	EC ICF2002	1	McENTEE, ROBERT	TX R1000
1	ATKINS, GARY	GA R390	5	NEFF, GEORGE	OH ICF4800
1	BARBER, C.L.	IL	1	NEWMYER, DAVID	CO IC735
1	BELGHAUS, FRED	NJ IC-R71A	1	O'CONNOR, PATRICK	NH IC-R71A
3	BERRI, JASON	CA R2000	4	ORR, DAVID	CA R2000
6	BISHOP, FORREB	NY RF4800	1	PAGANO, FRANK	DC FR88800
3	BOWDEN, RALPH	CA FRG7700	2	PIMBLETT, NIGEL	AB R600
1	BRAME, DAN	IL ASTRO 4	1	POBUE, JAMES	TN R2000
9	BROWN, EDWARD	IL ICF6800W	5	PRESTON, WILLIAM	CA
4	CARD, PETER	RI NR0515	1	RADTKE, CARL	CA SPR4
6	CARLISLE, FRED	MA NR0515	2	RICHMOND, KYLE	MD R2000
2	CODAY, RICHARD	CA FRG7700	3	ROBINSON, BETSY	TN FRG7700
1	COLE, JACQUELINE	CO NR0525	5	ROCKER, RAYMOND	MS FT757GX
2	COLEMAN, ROBERT	MA IC-R71A	8	ROBS, ROBERT	ON TB430S
1	CONWAY, PETER	UK TB430S	1	RUSSELL, RICHARD	AL
3	CURTIS, WM. FREDDY	TN ICF2010	1	RYAN, TERRY	NY NR0525
5	D'ANGELO, RICHARD	PA NC190	2	SABLE, THOMAS	PA TB430S
1	DALY, TOM	NY NR0515	6	SAMPSON, DANIEL	WI R1000
6	DILLON, PETER	MD DX400	1	SANDERSON, JACK	AZ R2000
1	EVANS, JAMES	TN R2000	1	SCOTT, GEORGE	CA
3	FORSBREN, RAY	WI FRG7700	5	SHAFFER, LAWRENCE	PA ICF2010
3	FRASER, BOB	MA CR2021	1	SHANKLIN, GEOFFREY	MA IC-R70
3	GAGER, PAUL	AU BRUN600	1	SHARP, DAVID	FL R600
2	GEORGE, STEPHEN	MA	1	SHARPE, BRYAN	CA DX400
7	GEORGE, STEVE	MA R2000	2	SHEEDY, DAN	CA IC-R70
5	GERSTNER, JOHN	NY DX1000	1	SHIMADA, BENSU	JP FRG7700
3	GOODMAN, JOEL	IA R600	4	SNYDER, BOB	NY
4	HALSTEAD, BARIE	WV R4B	2	SNYDER, DAVID	NY RF2800
4	HARDESTER, MIKE	PA R1000	1	SOBERS, JACK	CA TB430S
1	HARDY, LEROY	CA IC-R70	2	BOOMRE, ED	MA R2000
5	HAVRILKO, VINCENT	UK ICF2010	1	SZALONY, LEONARD	CA TS930S
1	HAWKINS, HUGH	TX IC-R71A	1	THNUBERG, BOB	PA R1000
4	HESCH, RUTH	NY R1000	4	THOMPSON, PEGGY	CA FRG7
2	HICKMAN, TIM	MD	1	TRESCHER, FRED	PA
3	HILL, KENNETH	MA NR0525	5	TROTTO, RON	FL CR2021
1	HOLBROOK, HANK	MD RBL2	1	UERLINGB, JAMES	OR SPR4
7	JANUSZ, ED	NJ ICF2010	1	VALENTINE, F.A.	CA IC-R70
5	JOHNSON, L.	CA	1	VAN HORN, SAYLE	FL RF3100
1	JOHNSON, ROBERT	NJ IC-R70	7	WAKEFIELD, PAUL	IA ICF2010
5	JONES, BRIAN	TX IC-R70	2	WALLEY, STEVEN	CA ICF2010
4	JONES, DAVID	TN 5-181	1	WARD, BARRY	NE IC-R71A
2	KERRIGAN, PATRICK	IL R1000	4	WATSON, MARSHALL	FL ICF2010
10	KLINE, JAMES	CA FR88800	1	WEBER, DONALD	OH R2000
2	KLINGENFUSS, JOERG	FB FT757BX	3	WEISS, CHARLES	OH FRB600
1	KOLB, NEAL	NM NR0525	8	WESTENHAVER, WILLIAM	PQ ICF6500W
1	KUSALIK, EDWARD	AB FR87000	5	WHITE, FRED	FL NR05158E
4	LANBLOIS, HAROLD	FL	1	WILLIAMS, JOHN	FL IC-R71A
3	LEITE, STEPHEN	MA NR0515	1	WOLFIGH, NEIL	ON
6	LEVISON, HAROLD	PA IC-R70	5	WRIGHT, PHILIP	MB DX400
1	MASAMUNE, ATBUSHI	JP R2000	1	YAJKO, ROBERT	PA
1	MATTALIANO, ROBERT	MA IC-R71A	2	YAMADA, KOUJI	JP NR0515
9	MILLER, WILLIAM	CA DX400	2	ZIRKELBACH, BOB	CA R1000

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:  
SOUTH AMERICA

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:  
SOUTH AMERICA/AFRICA

# Howdy

WELCOME ABOARD TO THE FOLLOWING NEW FULL MEMBERS:

ALLEN, P.J. - CA HALSTEAD, GARIE - WV KLINE, JAMES - CA

Remember...your new full membership status is even more important this year with elections coming up. The three of you are now free to run and vote in the BOD elections. Become more involved with your club, and have fun in the process!

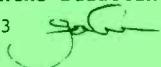
And, a "Hardy Howdy" to the following first time contributors:

HICKMAN, TIM.....MD	MORTON, RICHARD.....FL
JOHNSON, L.....CA	NEWMYER, DAVID.....CO
MASAMUNE, ATSUSHI.....JP	STERLING, ALPHONSE.....NH
MATTALIANO, ROBERT.....MA	

Glad to have you on board...remember you only need 10 credits to obtain your full membership status. Keep on DXing and sending in those contributions and you'll be there faster than you think.

And, a special "I'm sorry!" to Alphonse Sterling who got his name in the list of 1st timers, but accidentally got deleted from this months contributors list. Alphonse, it'll be there next month, I promise!

David Jones, SPEEDX's new CDE, wants me to mention to all of you that his deadline is the 7th of the month. Make sure you get your logs to him by then so that your stuff is included in the proper months bulletin.

See ya all again next time around...good DXing/SWLing and 73 

## A Word from Your Publisher

Thought some of you might like to know how the transition went when I assumed the publishing duties from Tom Kephart. Last month's issue was a bumpy start..reproduction was fuzzy, edges were uneven, binding was often sloppy, and it cost too much to boot! Never fear, this issue is a much more economical effort from printer #2..let's hope they get it right! The two main objectives here are 1)to get this thing printed for as little \$\$ as possible, and 2)to get it to you faster than ever. Now that I (hopefully) have a handle on #1, you can expect improvement on #2 soon!

### Etc.

from the  
NEW YORK  
TIMES BOOK  
REVIEW

April 12,  
1987



**NORTHERN LIGHTS.** By Howard Norman.  
(Summit, \$16.95.) It is 1958, audio days, and in this entertaining first novel that won Howard Norman a Whiting Writers' Award for "exceptionally promising emerging talent," the radio, finally, is the principal character. The story has depth and resonance as it is told by a teen-ager, Noah Kramnik. When the novel begins he is living with his family in an outpost of central Canada. His shortwave radio was given to him by his Ukrainian father, a frustrated musician who has deserted his family and his job as a cartographer of Canada's interior. Noah's search for his father becomes the main subject of the book — and it is enlivened by the amusing, eccentric characters he encounters.

Lonely to the point of looniness, Noah's mother, Mina, is drawn to symbols of couples depicted in illustrations of animals living two-by-two in arks, but in this novel of fractured families there is a scarcity of human couples. One, Sam and Hettie, mixed white and Indian, live in a nearby Cree village with their nephew Pelly, whom Noah visits and who becomes his friend. It is through Noah's radio — the only connection with the outside world — that he learns of Pelly's drowning while doing bicycle tricks on an icy lake. The radio appears on nearly every page and, ultimately, the voices Noah hears on it come to represent the home and the father he lacks. The only traditional family he knows is a group of resourceful Crees who come to live in the Northern Lights cinema in Toronto, which the enterprising Mina acquires. This nomadic family provides Noah with an odd sense of order and community, and some very funny escapades take place as its members teach him survival skills in the city. The final chapter, "The Pond Over Which a Radio Voice Glides," pulls the book's themes together in a brilliant image. "Northern Lights" is a striking achievement.

CEIL CLEVELAND

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