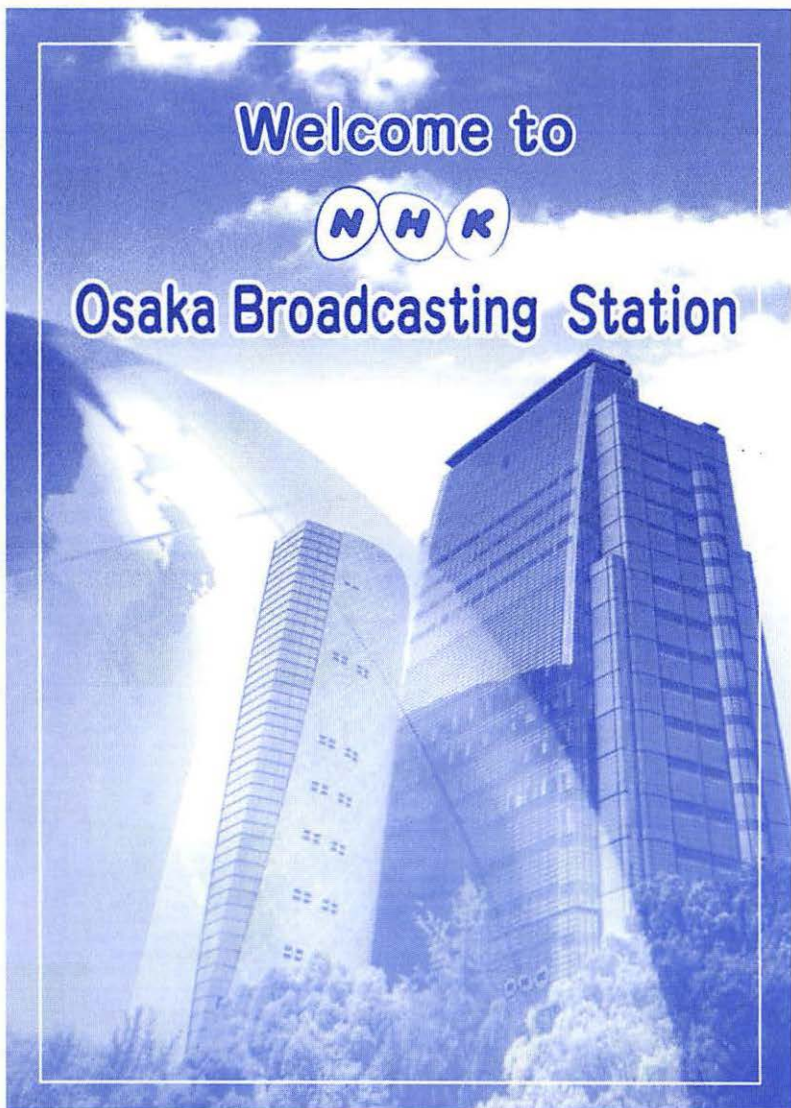


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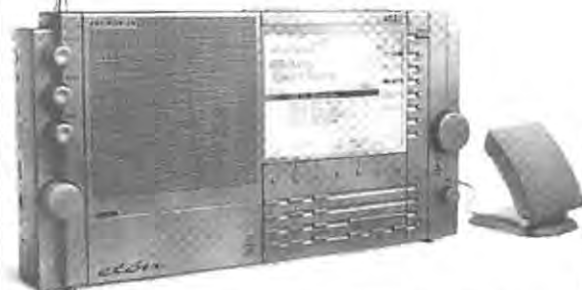
Welcome to
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Osaka Broadcasting Station



North American Shortwave Association — America's Shortwave Broadcast Club

Quality Equipment From Universal Radio

eton E1 XM



The **eton E1 XM** (originally announced as the Grundig Satellit 900) is the world's first radio that combines AM, FM, shortwave and XM Satellite radio into one ultra high-performance unit. In development for nearly ten years, in collaboration with RL Drake Company and XM Satellite Radio, the E1 is simply the finest full-sized portable in the world. The E1 is an elegant confluence of performance, features and capabilities. The look, feel and finish of this radio is superb. The solid, quality feel is second to none. The digitally synthesized, dual conversion shortwave tuner covers all shortwave frequencies. Adjacent frequency interference can be minimized or eliminated with a choice of three bandwidths [7.0, 4.0, 2.5 kHz]. The sideband selectable Synchronous AM Detector further minimizes adjacent frequency interference and reduces fading distortion of AM signals. IF Passband Tuning is yet another advanced feature that functions in AM and SSB modes to reject interference. AGC is selectable at fast or slow. High dynamic range permits the detection of weak signals in the presence of strong signals. All this coupled with great sensitivity will bring in stations from every part of the globe. Organizing your stations is facilitated by 500 user programmable presets with alpha labeling, plus 1200 user definable country memories, for a total of 1700 presets. You can tune this radio many ways such as: direct shortwave band entry, direct frequency entry, up-down tuning and scanning. Plus you can tune the bands with the good *old fashioned* tuning knob (that has *new fashioned* variable-rate tuning). There is also a dual-event programmable timer. Whether you are listening to AM, shortwave, FM or XM, you will experience superior audio quality via a bridged type audio amplifier, large built in speaker and continuous bass and treble tone controls. Stereo line-level output is provided for recording or routing the audio into another device such as a home stereo. The absolutely stunning LCD has 4 levels of backlighting and instantly shows you the complete status of your radio.

Many receiver parameters such as AM step, FM coverage, beep, kHz/MHz entry etc., can be set to your personal taste via the preference menu. The E1 has a built in telescopic antenna for AM, shortwave and FM reception. Additionally there is a switchable antenna jack [KOK] for an external antenna. Universal also offers a PL259 to KOK antenna jack adapter (#1052 \$10.95) as well as a sturdy angled lucite radio stand (#3873 \$16.95).

The E1 comes with an AC adapter or may be operated from four D cells (not included). 13.1" L x 7.1" H x 2.3" W Weight: 4lbs. 3oz. We are shipping latest production, high serial number units. Free G4000A for a limited time. **E1 XM Order #0101 1499.95**

Note: The XM antenna module CNP1000 and XM subscription are sold separately. Activation and monthly subscription fee required for XM.

GRUNDIG
G4000A

➤ **FREE G4000A with your E1 purchase!**



The legend of the famous Yacht Boy 400 lives on in this latest model the **Grundig G4000A**. Dollar for dollar no other radio offers this much performance and so many features. Coverage is complete including long wave (144 - 353 kHz), AM band from 1710 kHz and shortwave from 1711 to 30000 kHz. FM stereo is provided to the headphone jack. A thumb wheel knob on the side of the radio provides smooth single sideband (SSB) tuning. The illuminated digital display provides tuning resolution at 1 or 5 kHz on shortwave. Two bandwidths are featured. The narrow position affords maximum selectivity, or the wide position may be chosen for best audio fidelity. This is a useful feature on today's crowded shortwave bands where stations are near each other in frequency. The keypad will quickly get you to any frequency or store up to 40 of your favorite stations in the presets. The presets may be accessed directly or you can scan through them by using the radio's second set of Up/Down buttons. The dual digital clock is visible while the radio is playing. Other refinements include: snooze and sleep buttons, lock, High/Low tone switch, Local/DX switch, and 9/10 kHz MW scan selection. External jacks are provided to earphone (3.5 mm), antenna (3.5 mm) and 9 VDC input. The G4000A comes with: Grundig brand AC adapter, stereo antennas, wind-up antenna, Owners Manual, and upgraded carry case that can be folded to support the radio at an angle. Requires six AA cells (not supplied). The cabinet has a stunning titanium colored finish. 8"Wx5"Hx1.5"D. 1 lb. 5 oz. (203x127x38 mm). One year limited warranty. **G4000A Order #4000 \$149.95**

➤ Purchase your Eton E1 from Universal between 06/15/06 and 09/15/06 and receive a **FREE Grundig G4000A with your order!** (Also sold separately. See above).

AUDIOVOX CNP1000



The Eton E1 is XM ready. This means you may purchase the Audiovox CNP1000 XM antenna module at any time. The CNP1000 can be moved from one E1 to another E1, or even to some other compatible electronic products. It has a 25 foot cable. (An optional 50 foot extension cable is also available #0393 \$17.95.) **CNP1000 Order #0401 \$47.95**



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Please stop by for a look. We offer a wide selection of new and used shortwave equipment, antennas and books.

*** U.S.A. flat-rate shipping: Under \$50=\$4.95,
\$50-\$100=\$6.95, \$100-\$500=\$9.95, \$500-\$1000=\$14.95.
Except Alaska, Hawaii and Puerto Rico.

From **Tim Noonan** (DXing2@aol.com) comes word that the 13th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts is scheduled for Saturday, August 19, 2006, from 1:00 PM CST until, well, whenever. The location will be the home of **Neil Kazaross**, 1380 Lake Shore Rd in Grafton WI, which is located in Ozaukee Co., just north of Milwaukee. Thanks to Neil Kazaross and his wife for graciously offering to host the event at their home. Tim Noonan is organizing the event, and you are encouraged to direct correspondence regarding it to Tim at DXing2@aol.com or 414 762-2702. This is an all-band event, and everyone interested in the radio hobby is welcome. The first ten of these annual events took place in Madison, hosted either by **Bill Dvorak** or Tim. With Tim's move to Oak Creek in south suburban Milwaukee in July 2003, the August get-togethers now alternate between venues in the Milwaukee and Madison areas. Tell your radio friends about it, and make your plans early to attend the 13th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists. I have been at two of the last three gatherings and can highly recommend attending. It's been fun and I hope to be able to make this year's event although my company work schedule is doing its best to make things impossible this year, hi!

Monitoring Times has launched two new blogs for DXers from two of their better known authors **Gayle** and **Larry Van Horn**. The *Monitoring Times Shortwave Central* at: <http://mt-shortwave.blogspot.com/specializes> in shortwave related information while *MT Milcom Monitoring* blog at <http://mt-milcom.blogspot.com/> covers military monitoring news. See this month's musings for further information from Gayle Van Horn about this new initiative.

Radio Free Asia's (RFA) Technical Operations Division announced the release of the company's tenth QSL card commemorating the 50th anniversary of the Danish Short-

wave Club International (DSWC). The card was scheduled for distribution only through June, 2006 but may be available on request. Formed in 1956, the DSWCI is one of the leading DX clubs in the world, with more than 230 members in 36 countries. The object of the DSWCI is to promote the hobby of DXing and other related activities. For more information about RFA's automated reception report system and its QSL cards, visit www.techweb.rfa.org. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS link). Reception reports are also accepted by email at qsl@rfa.org. For anyone without Internet access, reception reports can also be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA.

In a recent note, **AJ Janitschek** of RFA further acknowledged that "we still have outstanding reception reports of yours that need to be confirmed. Thank you for your patience; I hope to get all your reports confirmed within the next few weeks." If you have outstanding reports to Radio Free Asia they do plan to get to them in due course. Please remain patient as they are trying to be a shortwave listener friendly station.

Disappointing news was received from across the Pacific. The New Zealand DX Radio Association (NZDXRA), not to be confused with the internationally better known New Zealand Radio DX League, announced that they would close down at 31 December 2006. The main reasons stated were the gradual decline in membership greater than joining members and increasing costs over the past ten years. Three major office holders resigned this year and there were no signs of replacements. The NZDXRA was one of the oldest radio clubs in exist.

More disappointing news about shortwave occurred when Radio Slovakia International announced it was leaving shortwave as of June 30th. The "transformation" of the shortwave broadcast to an Internet service of the

public radio will follow shortly after. Apart from the Internet, the program of Radio Slovakia International will continue to be broadcast via satellite. There will, of course, be staff reductions. This station was one of my personal favorites and will be missed.


For those awards seekers looking for something a little different to add to the collection, try the Association of Italian Radio Listeners (A.I.R.) "United Europe" award. The award requires one QSL confirmation from a European country broadcast radio station in any language and date. There are four categories for this interesting "diploma" award: over 40 countries conformed (plus honor role); over 30 countries confirmed, over 20 countries confirmed and the fourth category is over 10 countries confirmed. All requests for diplomas should be sent to AIR, Associazione Italiana Radioascolta, C.P. 1338, 10100 Torino AD, Italy along with 4 International Reply Coupons or 2 Euros.

Although it is the summer doldrums for DXing, you will still want to order your copy of *The Domestic Broadcasting Survey 8* (DBS-8), edited by DSWCI Chairman **Anker Petersen**, and published by the Danish Shortwave Club International (DSWCI). See June's *Journal* for a comprehensive review of this product. The DBS-8 covers all active stations in the tropical bands, 2300 to 5700 kHz. Also, it covers domestic stations on the international shortwave bands above 5700 kHz broadcasting to a domestic audience. All active clandestine shortwave stations are listed with schedules and identification information. The latest survey is based upon many official sources, DX bulletins and the club's international band of monitors. All buyers of the DBS-8 will get a username and password to monthly updates on the tropical bands published as the "Tropical Band Monitor" available on the club's website (www.dswci.org). The 40 page A-4 sized DBS-8 is available by e-mail in PDF format. A limited number of printed copies are also available. The e-mail edition costs US\$7.00, €5,00 or 5 International Reply Coupons (IRCS). The limited printed edition costs US\$12.00, €10,00 or 10 IRCS. Order direct from the club treasurer at DSWCI, c/o Brent Nielsen, Egekrogen 14, DK 3500 Vaerloese, Denmark. Historically, this has

been one of the best monitoring products available to shortwave listeners/DXers. I anticipated having a review available shortly on the current edition.

It's summer and the doldrums are here; at least for me. However, there is always plenty of DX so having the club's electronic *Flashsheet* in your hands each week provides you are up to date with news and information. If you have not signed up for the club's electronic *Flashsheet* service, you are missing out on timely news and information that will enhance your shortwave listening pleasure. It is now time for you to get on the distribution list for the club's electronic *Flashsheet* to stay up-to-date. The changing DX conditions will bring different DX opportunities and new listening targets. The club's electronic *Flashsheet* helps members stay on top of the action with breaking shortwave news and information. If you are a current member of the club and want to receive the electronic *Flashsheet* just drop **Rich D'Angelo** (rdangelo3@aol.com) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Ray Bauernhuber**, DXRADIO@webtv.net. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to our members. Deadlines are posted in the *NASWA Flashsheet* each week. Let's keep Ray busy!

Please remember to direct all communications about subscriptions, bulletin delivery issues, *Father's Day* present ideas, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquiries sent to Wyomissing only slow down the process. Thanks!

That's it for this month. Enjoy this month's edition of the *Journal*; it's another good one. 

Calendar Of Events

- Jul 15 Meeting. Philadelphia Area NASWA Chapter.** Kulpville Holiday Inn, Kulpville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.
- Jul 15 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.naswa.net/badx/>
- Jul 28-30, 2006 Convention.** The DX Clubs of Mexico holding its 12th **National DX Meeting, "Ascension 2006"** 28-30 July 2006 in the city of Ascension in the state of Chihuahua in Mexico. For more information you can go to the WRMI website (www.wrmi.net) and click on "Mexican National DX Meeting." Jeff White will be there representing the National Association of Shortwave Broadcasters.
- Jul 29 Meeting. Reading (England) International Radio Group** meetings will be held in Meeting Room 3, Reading International Solidarity Centre, 35-39 London Street, Reading from 2.30 p.m. to 5 p.m. Further information is available from Mike Barraclough mikewb@dircon.co.uk or phone 01462 643899.
- Aug 12 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~nmeece/monix.html>>
- Aug 19, 2006 2006 Madison-Milwaukee Radio Get-together.** The 13th **Annual Madison-Milwaukee Get-together for DXers and Radio Enthusiasts** is scheduled for Saturday, August 19, 2006, from 1:00 PM CST until, well, whenever. The location will be the home of Neil Kazaross, 1380 Lake Shore Rd in Grafton WI, which is located in Ozaukee Co., just north of Milwaukee. Tim Noonan is organizing the event, and you are encouraged to direct correspondence regarding it to Tim at DXing2@aol.com or 414 762-2702. This is an all-band event, and everyone interested in the radio hobby is welcome. Tell your radio friends about it, and make your plans early to attend the 13th Annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts for another fun and memorable day of visiting with your fellow radio hobbyists.
- Sep 1-3, 2006 Convention. The National Radio Club and the DX Audio Service** will hold their annual convention at the Best Western in Akron, Ohio on 1-3 September 2006. Room rates are \$68.00 per night. More information to follow.
- Oct 19-22, 2006 Convention. European DX Council (EDXC) Conference** in St. Petersburg, Russia on 19-22 October 2006 hosted by Tibor Szilagyi <Tibor.Szilagyi@ovako.com.> It will be held at the State Educational Centre of Russian Atomic Energy Agency ROSATOM in Saint Petersburg, Aerodromnaya street No. 4, 197 348. There is a hotel at the Conference Centre with rooms costing €46.00 / night or \$54.00 / night, including breakfast. If you have questions please do not hesitate to contact Tibor Szilagyi.
- Mar 8-10, 2007 Convention. The 20th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin*. The 20th Annual Winter SWL Festival, sponsored by NASWA, will be held at the Best Western - The Inn at Towamencin on 8th, 9th and 10th March 2007. Join us for this 20th anniversary extravaganza in the DX Mecca. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. There are a lot of special arrangements being made for this special occasion. See you there!

Mar 7-8, 2008 Convention. The **21st Annual Winter SWL Festival**, sponsored by NASWA, will be held at the Best Western - The Inn at Towamencin on 7th and 8th March 2008. Richard Cuff and John Figliozzi co-chair the organizational committee. Although it is early, you don't want to miss this special FEST event. See you there!

Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).

Musings

This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.

Ron Howard (Howard@redshift.com), Shanghai, China

Greetings from Shanghai, China! Some random comments from China.

The Eton E5 is an excellent radio for traveling. The size is just right and it's great to re-charge the batteries while they are still in the radio. The built-in whip antenna is simply amazing. By turning the antenna and also the radio to different positions, it is easy to get the best reception possible. This is especially true above 5900 kHz. Here in Shanghai the apartment I am staying in is on the second floor, which is good. One room faces a busy street, with a power transformer located across the street and has overhead power lines for buses, which is all bad. As expected this room is not very productive for listening but even here I can turn the radio and whip antenna in such a way to null out some of the electrical noise. There is a second room that is away from the street and faces an inner courtyard. Almost all of my listening is done here, as the reception is so much quieter. Have been surprised that I have not heard any Indonesian or PNG stations. In fact nothing that I would call serious DX has been heard, considering that my location is China, but then my listening here has been very casual, with just random checking to hear what is coming in. Regarding the Chinese program that I often hear in Calif. on 6060 kHz. (Sichuan PBS), with the English ID of "This is the Voice of Golden Bridge": when watching CCTV-9 (International & English channel) I noted many announcements indicating that "Golden Bridge" is their advertising agent, so apparently this is a fairly common name/reference in China. Of course most of my time is not spent at the dials. Have been traveling outside of Shanghai for about four days, enjoying the many sights of China. All in all it's been a very relaxing and enjoyable vacation and even the limited listening I have done has been fun. In the future when I come here I will probably take a more structured approach to listening, which may prove to be more productive.

Ron

Gayle Van Horn W4GVH <gaylemt@brmemc.net>, Brasstown, NC

Monitoring Times is pleased to announce two new blogs for DXers from our authors Gayle and Larry Van Horn. The Monitoring Times Shortwave Central at: <http://mt-shortwave.blogspot.com/> specializes in shortwave related information, frequencies, loggings, listening tips, press releases, pirate/ clandestine, utilities and last minutes items that did not make it to either of Gayle's *SWBC Loggings* or *QSL Report* columns, due to space constraints.

For those DXers who enjoy military monitoring over the entire radio spectrum, please refer to Larry Van Horn's MT Milcom Monitoring blog at <http://mt-milcom.blogspot.com/> Larry's blog covers news, frequencies, tips and tidbits, as well as items that did not make it to his Milcom column.

We continue to receive many favorable comments on the blogs, and trust the radio listening community will find them useful and informative.

Gayle Van Horn W4GVH

Brian Limbach <vze2664w@verizon.net>, 520 Washington Rd, Unit 900, Pittsburgh, PA 15228

I have been a shortwave listener since 1973, and I am always looking for interesting articles and televised news stories about the hobby. You helped me out a few months ago when a copy of Mike Agner's article on the ultimate shack was obtainable through you from your Journal archive. It was originally written in 1980.

I have now another search that hopefully you will be able to ponder for me. Back in February 10, 1991, the CBS news program "60 Minutes" aired as one of its stories that Sunday, a report by Morley Safer about the BBC Monitoring Service and its work gathering information about the just completed Gulf War. I remember watching this episode, unfortunately, I did not attempt or think to record it on tape which I believe I had the capabilities to do so. Recently, I got to thinking about this news feature and wishing I had a copy of it. I looked on the "60 Minutes" web site to see if it can be purchased. It appears that videotapes only exist from 1995 onward. I went to the CD Now web site to see what they would have. They have two videotapes with several of the shows on them. Unfortunately, I can't determine if that particular show is on either of videotapes they have. Do you have any ideas about how I would get a copy of the story?

Brian

Jim Renfrew <jrenfrew@rochester.rr.com>, Byron NY

Thanks to all who have responded to my question about old QSLs. Here's a summary of some of the comments I've received, plus some of my own web research.

1. Commander Solo 8699 - Afghanistan, Diego Garcia or??? "Dr DX and I are of the opinion that they were broadcasting from Afghanistan airspace. Passport to World Band Radio also lists this as Afghanistan." [Gary Neal] Jim's comment: I heard this signal night after night, and it was widely understood to be in Afghan airspace. I'm inclined to count it as "Afghanistan".

2. Radio Venceremos 6659, MAR 19 1988- Morazon (or Morazan) El Salvador? Harald Kuhl leaves it as an unanswered question whether they transmitted from El Salvador or not. [Kai Ludwig]

"First published in El Salvador, where it was a national bestseller, this is an earthy, funny, inspiring collection of oral histories told by the participants in one of the most audacious and successful people's political actions in the modern history of the world. During El Salvador's civil war, a clandestine radio station, Radio Venceremos, operated in-country by broadcasting in secret mountain locations, constantly on the run from the army. Rebel Radio: The story of El Salvador's Radio Venceremos is the heroic, incredible, and thoroughly

human story of this endeavor, an extraordinary account of adventure interwoven with the embattled modern history of Central America." [from a Curbstone Press sales blurb for Rebel Radio, The story of El Salvador's Radio Venceremos by José Ignacio López Vigil]

"Radio Venceremos is definitely El Salvador. There was quite a bit of documentation around that Don Moore gathered." [Rich D'Angelo]

"Of course to DXers, El Salvador is remembered as the location of two of the 1980s most interesting clandestine stations, Radio Venceremos and Radio Farabundo Martí. Although there were some questions about if the stations might really be broadcasting from Nicaragua, they were visited by enough international journalists to confirm beyond a doubt that the broadcasts came from guerilla controlled territory. Today a fragile peace has come to El Salvador and the two former clandestines are now legal FM stations in San Salvador. Mayans and More: DXing Central America." By Don Moore (A slightly edited version of this article was originally published in the November, 1993 issue of *Monitoring Times* magazine) [<http://donmoore.tripod.com/latindir/cenam123.html>]

Jim's Comment: Sounds like I can reasonably claim this as "El Salvador".

3. Radio France International 17690, SEP 1 1991 - card says "Hungary", but which sites there? "I think RFI relays via Hungary used both Diosd and Jaszbereny, but perhaps I am wrong here." [Kai Ludwig]

4. Voice of the Libyan People, SEP 16 & NOV 10 1989 - Chad? "So says Harold Kuhl in an article written in late 1990: Chad was the presumed origin. Schedule mentioned in this article was from 1400 until ca 2200 on 11825, by the way. And he also mentions effective Libyan jamming, sounding like the start of a car race, played over and over. Not transmitted by Issoudon I presume." [Kai Ludwig]

Jim comment: this was a fairly easy reception, so a transmitter with some power. If Chad, where is the transmitter now? In any event, not enough evidence to claim "Chad".

5. Radio Yugoslavia 6100, JAN 24 1997 - Bijelina or Stubline? "Bijelina. What came out of Stubline, until the transmitter got air-raided was 7200, carrying Beograd 1 programming // 684 which suffered the same fate (transmitter deliberately destroyed in an air raid)." [Kai Ludwig]

"Mediumwave listening in Belgrade, first week of June 1999: Dragan Stankovic reports: On Sunday, May 30th NATO destroyed Radio Belgrade's MW transmitter located at Stubline. The transmitter on 684 kHz was one of the strongest in Europe, with a power of 2000kW. Since other transmitter sites have also been hit during the course of the bombing campaign, it's now very difficult to listen in to radio transmissions from Serbia on MW. Among the rare stations I've noticed still operative on MW is Radio Jagodina (1440 kHz) with a power of 20Kw. This transmitter which previously used to carry the local radio station, now relays the programmes of Radio Belgrade. Domestic Shortwave Relays: State-controlled Radiotelevizija Srbije increased its shortwave relays of the main domestic network Beograd 1. In addition to the regular broadcasts at 0500-2200 on 7200kHz, Beograd 1 was observed by Mikhail Timofeyev in Russia at 2200-2300 on 6185kHz and 2300-0400 on 6190kHz. However, transmissions were silenced in late May when a NATO bomb hit the Stubline transmission plant." [Phil Taylor's Web Site, Institute of Communications Studies, in an undated article "Yugoslav media from Radio Netherlands" <http://ics.leeds.ac.uk/papers/vp01.cfm?outfit=pmt&requesttimeout=500&folder=4&paper=418>]

Jim's Comment: I heard this transmission two years before the May 1999 air-raid on Stubline. Since the reception was 6100 it appears that what I heard was Bijelina, now considered to be "Bosnia". I have a 1968 QSL for 9620, and this would be Stubline, since Bijelina did not come on the air until 1986.

6. Radio Prague 5930, JUL 29 1984 - which site? "5930 used to originate from Litomysyl when relaying CRO1 after 1991, but this does not necessarily say anything about the situation in the old days (when, I seem to recall, 6055 was at times run with all five Litomysl transmitters, and so all other frequencies had to come from Rimavska Sobota or Velke Kostolany)." [Kai Ludwig]

7. La Voz del CID 9940, SEP 10 1987 - Guatemala or Costa Rica? "Harald Kuhl mentioned at least an address in Costa Rica, and I also recall that Costa Rica had been suspected as a transmitter site." [Kai Ludwig] "If you're new to clandestine radio, two stations are easily heard. They are excellent targets for getting your feet wet. Probably the easiest clandestine to hear is La Voz del CID, operated since 1981 by Huber Matos' anti-Castro Cuba Independiente y Democratica organization in southern Florida. They use a relatively high powered transmitter in Central America, almost certainly in Guatemala. Financial shortages at CID have currently caused them to abandon their longtime 9942 kHz frequency during the daytime, but the station can still be heard on 6206 kHz during the wee hours and in the morning. Try checking 6206 kHz near 1200 UTC (around sunrise in the Eastern time zone). Their slick Spanish language programming continually attacks and ridicules Fidel Castro." [From an undated ACE web page]

La Voz del CID is an interesting clandestine that began mysteriously in 1981. Its programs were (and still are) the propaganda piece for the anti-Castro group Cuba Independiente y Democratica, a group that would increase its profile in the Eighties. Within its first year of broadcasting, the station was apparently located by the Federal Communications Commission (FCC), the US government, in Florida and was closed down for transmitting without a license. According to Gerry Dexter, it was "found to be using two Heathkit transmitters rated at 490 watts, operating from a horse ranch in Miramar... (It) was discovered to also be using a mobile transmitter housed in a van. The FCC termed it a 'very professional operation'" (Dexter, p.53). Following the bust, the FCC officials cabled Washington to say "This outfit has some big money behind it, they even buy time from stations in Venezuela and other countries (Dominican Republic), besides the two Florida transmitters" (Soley 188). La Voz del CID returned to the air in 1983 with a flurry of well-produced programs named after important figures in Cuban history that were rebroadcast on both Radio Rumbos in Venezuela and Radio Clarin in the Dominican Republic, not to mention its own transmitting facilities that were located somewhere in Central America. According to Dexter, the group claimed that its annual production and broadcasting costs exceeded US\$750,000 - which came from "American foundations, businessmen in Latin America and individual contributions" (Dexter, p.55). The station was a regular on the shortwave bands for over ten years on numerous frequencies and suffered from occasional jamming from Cuban government transmitters. During the war in Nicaragua, La Voz del CID cooperated with CIA-backed Radio Quince de Septiembre in various activities (Soley, 188). Much debate was spent arguing over where people believed it to be emitting from: Guatemala or Costa Rica. But those arguments were proven to be both wrong. Things began to change for La Voz del CID in 1994, when in June WRMI owner Jeff White reported on Radio Netherlands' "Media Network" program that it had gone off the air in May. "Nobody will admit it, of course, but there are a lot of rumors here in Miami that La Voz del CID has long been funded by the U.S. Central Intelligence Agency and that their funds were cut off several months ago... They've been appealing for money publicly here in Miami among the Cuban-American community to keep the station

on the air" (Zeller, p.20). CID had just begun to purchase airtime over WRMI to supplement its own transmissions, but then vanished from the air. After a few weeks, it returned to its usual 9941.65, 6305, 7340 and 11940 kHz frequencies. In August 1997, La Voz del CID suddenly went silent again after months of rumors that the group was suffering from financial problems. It reappeared once again in December 1997 and currently buys time off of commercial US broadcaster WRMI to transmit its message of freedom to the Cuban people. When the latest WRMI relays of CID programs commenced, Jeff White revealed that his sources pointed to El Salvador as CID's "gray" clandestine location. This station went from being a US-based clandestine / pirate, to a covert "gray" clandestine, to finally an overt "white" clandestine. We will probably never witness another station like this. [Dexter, Gerry. Clandestine Confidential. Universal Electronics. Columbus, OH: 1984. Soley, Lawrence C. and John S. Nichols. Clandestine Radio Broadcasting. Praeger. New York: 1987. Zeller, George. "Clandestine Profile." The ACE, August 1994. [<http://www.qsl.net/yb0rmi/cid.htm>]

Re: La Voz del CID: "Broadcasts from: El Salvador until mid-1997." [<http://www.qsl.net/yb0rmi/americas.htm>]

Jim's Comment: Looks like I should consider this one "El Salvador".

7. IRAN, IRIB 9022 - Kalamabad? Always Kalamabad, never moved to other sites. The same goes for 15084, here I even saw the transmitter specified: it was said to be the Thomson TRE2330 (350 kW model), installed at Kalamabad in 1972. [Kai Ludwig]

8. Radio Iran JAN 9 1988 - Egypt? No statement by Harald Kuhl here, he mentioned Egypt as transmitter site only for Iran's Flag of Freedom Radio. [Kai Ludwig]

9. Radio SW Africa 11705, 11845, and 11995 - Transmitter site? Jim's Comment: The QSL Information Page gives the site of 11705 and 11845 as Rampisham. Earlier broadcasts on 4880 were considered to be Meyerton.

10. BFBS 7125, AUG 22 1990 - Oman? Still no idea.

11. Merlin Network One, MAR 28 1998 - site? This was a special QSL for a first year anniversary broadcast.

No mention of transmitter site on the card, and I failed to write it down in my logbook when it happened.

Toshi Ohtake ohtaket@yahoo.co.jp, Tokyo, Japan

The 50-minute "World Interactive" program will be aired 8 times on every weekend. The June 10-12 program was about HCJB and Radio St. Helena Day Revival. According to Mr. Kazuo Ozaki of HCJB Japanese program, the Japanese service will be resumed from June 2 using a new 100KW transmitter. The new 30 minute program will be aired at 22:30 UTC of every Friday and Saturday. The first broadcast was June 2, 2006. Japanese Shortwave Club member's donated a totaled of 84,000 yen or US\$120.00 which was handed to Mr. Robert Kipp at the DSWCI Jubilee celebration and more money is coming from members. An unused transceiver ICOM IC-706MKIIG 100W transceiver was donated by one of our members, and I shipped it to Mr. Kipp in Germany. We are waiting for the St. Helena Revival Day broadcast in the first weekend in November.

This is all for this month. Wish you good DXing!! Toshi

George Herr, gpherr@earthlink.net, California

I saw your note in NASWA (Charles Foxx regarding his query about the R30). I have owned an R30 for several years. I got the Collins filter for the narrow filter. My impression is it is a good receiver but not a great one. Most of my use is tropical band DX at the noise level and BBC, R Australia, and RNZI all very strong signals here. I got it because of reports of good audio. Unfortunately I don't find this to be the case. It does have a lot of volume and is good but not great on local broadcasts. The AM detector is very prone to distortion on fading signals. SSB is fine. I do most all my DXing in SSB mode zero beating the signal. This produces less distorted audio and allows selectable side band reception.

Unfortunately there are two problems: one is that the synthesizer only tunes in 40 cycle increments so perfect sync is not possible and second and a much bigger problem is drift which requires frequent retuning during the first hour or so. I do not know if this is a problem with my unit or all R30's. I have not seen any one else complain of this. The tuning is a little clumsy with 0.5Mz increments which can leave you to do a lot of dialing to get on frequency. Another idiosyncrasy is the audio out put is above ground on both sides. Connecting the speaker out to anything which is grounded via the power line will short it out. This does not harm the receiver but the protection circuitry will result in a motor boating output. I found all this out the hard way. It took a week or so of head scratching to figure out. For battery operation, it takes a lot of AAs and you have to unscrew the case to get to them. If the power cord becomes unplugged it will switch to the batteries and run them down. They will then corrode the inside of the radio. Again from personal experience.

I took it to Hawaii on a recent trip and really enjoyed using it. It was easy to pack and did well on weak signal in a quiet environment. I believe that the portability is its biggest asset, despite my quibbles it is a real communications receiver in a very compact package.

Bottom lines: 1. A very compact high performance portable package

2. This is more of a Ham receiver than a DXer's

3. If you want good audio for SWL use look elsewhere

4. It has several unusual and not good design features

5. Would I buy another one? No there is better stuff out there for DX use at a comparable price.

George

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610

A blended mix of QSL results this month. Radio Tirana verified with the usual paper card for a report sent to the transmission center. They passed it along directly to the station for a postal reply. New clandestine station Hmoob Moj Them verified by e-mail. I have had a subsequent exchange as they seek to improve their signal coverage. I had no sent a report to radio Budapest in many years. They are still an excellent verifier of listener reports. Pirates are always interesting with e-mail providing an anonymous way to reply to listeners although I do miss those postal replies.

73, Rich

Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

Radio France International—Still rolling along

Radio France International, or RFI, doesn't get much publicity; the only time you seem to read much about RFI is when their services are disrupted by strikes.

While RFI hasn't boomed into North America in English since the late 1980s / early 1990s, RFI continues on shortwave, particularly to Asia and Africa. Africa, in particular, has long been a programming target of RFI from France's days as a colonial power. RFI's English language service has always been the vastly junior sibling to RFI's French language service, but RFI has generally put forth interesting programming with a less antiseptic delivery and style than its European neighbors to the north and west.

With Africa as a prime target, news and features about Africa are quite prominent in the mix of subjects covered in RFI's current affairs programming—each of RFI's eight daily English language broadcasts features African subjects, with the exception of the 1400 UTC broadcast—it targets the Middle East and Asia.

RFI is most audible via shortwave in North America at 0600 UT, according to those who responded to an inquiry I posted in the *swprograms* list. That broadcast is an Africa-focused broadcast; details on what you'll hear in this and other broadcasts are shown below. Frequencies were most recently updated on the RFI website in 2005; the frequencies shown below are courtesy of Dan Sampson's *Prime Time Shortwave* website.

0400–0430 UTC, 9805, 11700 kHz M–F
African news, International news, French newspaper review, an in-depth look at events in Africa, a look at the main news event of the day in France, and Sports.

0500–0530 UTC, 13680, 15160 kHz M–F
African news, French newspaper review, an in-depth look at events in Africa, a look at the main news event of the day in France, and Sports.

0600–0630 UTC, 15160, 17800 kHz M–F
African news, International news, French newspaper review, an in-depth look at events in Africa, a look at the main International news event of the day, a look at the main news event of the day in France, and Sports.

0700–0800 UTC, 17800 kHz M–F
African news, French newspaper review, an in-depth look at events in Africa, a look at the main news event of the day in France, and Sports; these programs comprise the first 30 minutes. The second half-hour is devoted to daily magazine programs, including *French Lesson*, *Crossroads*, *Voices*, *Rendez-Vous*, and *World Tracks*.

1200–1230 UTC, 17800, 17815 (from Ascension), 21620 kHz
International news plus one of the daily magazine programs. In addition to those shown above, *Network Europe* airs Saturdays and *Club 9516*, RFI's mailbag program, airs Sundays.

1400–1500 UTC, 21620 kHz targeting Asia
This program is somewhat different from the pattern shown above. The program opens with a bulletin of international and Asian news. This is followed by in-depth reports on Asian and international news stories, a look at the main news event of the day in France, and Sports. On Saturday, the international report is replaced by the feature *Asia-Pacific*. On Sunday, there is a weekly report on cultural events in France, followed by a weekend phone-in program. All these programs air during the first half hour; during the second half-hour, you can

hear one of the magazine programs mentioned above.

1600-1700 UTC, 7170 (from South Africa), 11615, 15160 (from South Africa), 15605, and 17605 kHz

The first half-hour includes news and reports from across Africa, as well as an international newflash and news about France. This is followed by one of the magazine programs listed above.

1700-1730 UTC, 15605 and 17605 kHz

Weekdays, this program features news from the eastern part of Africa. On the weekend, you can hear the weekly *Spotlight on Africa*, as well as features on culture in France, health issues, the week in Sports, media in Africa and *Sports Insight*.

Some might find France's current political position, which is generally anti-American, to be tiresome, but if you sift through the rhetoric, you'll find interesting programs that are a bit more laid back than what you'll hear from either *Deutsche Welle* or *Radio Netherlands*. Plus, you'll hear news about Africa and Asia that may differ in perspective from what you'll hear from the *BBC World Service* or the *Voice of America*.

In addition to shortwave, RFI is audible via on-demand webcast, either via streaming audio or via download in either RealMedia or Windows Media formats. If you choose the download version and want to listen to it on a portable MP3 player, you'll want to choose the Windows Media-formatted file (note that Windows Media files don't work on the most popular MP3 player, the iPod). This isn't quite as hands-off as podcasting, since you must identify a location for your web browser to stash the download, and you must then manually transfer the downloaded file to your MP3 player, but in practice this process is quite easy to manage. RFI's audio is not available as a live webcast; the programs are available on the RFI website approximately 30 minutes after they have concluded on air. Only one day's archive is available.

BBC World Service

Programming targeting Africa

Since we were discussing Africa above, I thought it would be handy to briefly review the BBC's programming targeted to the region, in part because Africa remains a shortwave target for the BBC; some of these may be audible on shortwave.

Network Africa is a weekday morning 30-minute newsmagazine airing every hour on the half-hour from 0330 through to 0800. Try 7120 kHz (0400-0500) or 7160 kHz (0300-0600).

Focus On Africa is a weekday early evening news magazine; the 1500 and 1900 editions run 30 minutes; the 1700 edition runs 45 minutes.

Africa Have Your Say is a regional edition of the daily talkback program, *Have Your Say*; the African edition actually aired for several months before the global edition was launched. *Africa Have Your Say* airs Tuesdays-Thursdays at 1600 UT targeting Africa.

African Perspective is a weekly documentary focusing on matters in Africa. A recent edition focused on the children born to rape victims in Sierra Leone. The program airs Saturdays 1906 and Sundays 1106 and 2106 in African services, and is also available for on-demand listening.

Outlook Turns 40

After nearly succumbing to the ax last year, *Outlook* will be around for its 40th birthday on Tuesday, July 4th. In conjunction with the celebration surrounding the accomplishment, *Outlook* will be launching a new website that will guide listeners in recording their own stories for airing on the program—somewhat like the CBC Radio One *Outfront* program. Over the years, the program has morphed from a twice-day current affairs/international events program to an hour-long magazine program with considerable listener input. *Outlook* has been noteworthy for the caliber of its lis-

teners; during the years of Mideast kidnappings, many victims specifically mentioned *Outlook* as a program that helped them keep their sanity during captivity. Terry Waite, John McCarthy, Terry Anderson, Tom Sutherland and Brian Keenan all listened on Waite's small radio he was allowed to keep during their confinement. Watch the program's website for updates as the July 4th date approaches; as of late June, the website had not been modified with this new information regarding listener storage submission.

Outlook airs at the following times: to the Americas (and XM) Weekdays at 1306 and 2306, plus Tuesdays through Saturdays at 0306; via Sirius (and many US FM stations) weekdays 1806 and 2132 (the second half of the program); to Europe (and live webcast) weekdays 0906 and 1306 plus Tuesdays through Saturdays at 0206; to Africa Weekdays at 1006 and 1406, plus Tuesdays through Saturdays at 0206.

Wimbledon coverage

It appears that you'll be able to hear a special weekday half-hour program on Wimbledon, called *Wimbledon Live*, during the two weeks of the tournament at to the Americas (XM Satellite Radio) at 1430, 1630, and 1830 UT; via Sirius at 1430; to Europe (and webcast) 1430, 1530 and 1830; to Africa at 1830 and 1930 UT. As the tournament, and the program, begin Monday, June 26th, this mention comes too late to catch the first week (hint—subscribe to the *swprograms* e-mail list or the *NASWA Flashsheet* to get more timely programming information), but there will be one week of coverage remaining as you receive your *Journal*.

Other programming highlights for July include the following:

BBC World Drama, the new name for *Play of the Week*, is scheduled to feature the following works; airtimes include, to Europe, Saturdays 1906, and Sundays 0106 and 2106; to Africa, Saturdays, 2106 and Mondays 0006; to the Americas (XM), Saturdays 1906, Sundays 0106, and Mondays 0506. Each edition is also available online for one week following the initial airing each week.

Jump Mr. Malinoff, Jump!, by Toby Whitehouse, is a black comedy set in the seaside town of Margate, telling a story of arson and corruption. The play stars Martin Freeman, best known as the lovelorn Tim in the BBC TV comedy *The Office*. Begins July 8th.

Much Ado About Nothing, by William Shakespeare, airs in two parts beginning July 15th and July 22nd. This classic is the story of two very different sets of lovers, Claudio (Geoffrey Streatfeild) and Hero (Sophie Roberts). The sub-plot features the "merry war of the sexes" between Beatrice (Juliet Aubrey) and Benedick (Toby Stephens). He thinks he hates her but really loves her and Beatrice, who thinks she loathes Benedick, actually loves him. This production is introduced with thoughts from actor Clive Swift, theatre directors Tamara Harvey and Declan Donnellan and critic Charles Spencer.

The documentary series **Close Up** features a two-part series entitled *Rembrandt—Sketches in Sound*. Jazz musician Guy Barker takes his trumpet to Amsterdam to commemorate the 400th anniversary of Rembrandt's death (July 15). Guy finds out about Rembrandt and how he painted, beginning on Friday, July 7th, closely studying a few paintings and doing musical 'sketches' of his own in response, with a short composed piece resulting from it. Contemporary artists discuss how Rembrandt continues to influence and inspire them beginning Friday July 14th. Airs to the Americas (XM) Fridays 1530 and 1930, Saturdays 0030 and 0530, and Mondays 0130; via Sirius (and US FM stations) Sundays 0130, 0730 and 1730; to Europe (and webcast) Fridays 0830 and 2230, Saturdays 2230, and Sundays 1830; and, to Africa, Fridays 0930 and 2130, Saturdays 0030, and Sundays 0130 and 2230.

The environment issues series **One Planet** features a two-part series entitled *Witches' Brew* beginning Thursday, July 20th. Kazakhstan, Uzbekistan and Kyrgyzstan in Central Asia are an environmental nightmare, used as a nuclear and biological dumping ground for decades. Their lakes are a "witch's brew" of toxins. BBC Central Asia editor Firdevs Robinson explains why the rest of the world

should be very afraid. Robinson focuses on the untold human cost of the environmental degradation, talking to cotton farmers and fishermen and assessing the economic and political issues that prevent clean-ups becoming a priority. *Airs to the Americas* (XM and limited shortwave) Thursdays 2230 and Fridays 0230; on Sirius (and US FM stations) Thursdays 0730 and Saturdays 0530; to Europe (and live webcast) Thursdays 1130, 1930 and 2330, plus Fridays 0130; to Africa Thursdays 1330 and 2230, plus Fridays 0130.

The New Arab World is a new four-part series beginning July 5th that looks at changes in the Arab countries of Dubai, Qatar, Oman and Lebanon. Each week's program focuses on an individual country. While these smaller countries are streaking ahead with modernization, liberalization and opening up to the outside world, their larger and more powerful neighbors are lagging behind. The program will focus on Dubai's focus on tourism and the consequences of blending in Western values with traditional Arabic culture; Qatar's influence exceeds its size courtesy of the Al-Jazeera satellite television operation, while the Emir seeks to establish a constitutional monarchy; Oman is trying to more cautiously integrate Western ideas without radically overhauling traditional life and society. Lebanon continues to emerge from the shadow of cultural strife and foreign domination. *Airs to the Americas* (XM and limited shortwave) Wednesdays 1406 and 1906, plus Thursdays 0006 and 0506; to Europe (and live webcast) Wednesdays 0806, 1106, 1960, and 2306, plus Saturdays 1306; to Africa Wednesdays 0906, 1306, 2106, Fridays 0006 plus Saturdays 2206 and Mondays 0206.

Struggling For A Future is a new two-part program, beginning July 17th, focusing on the countries of Kazakhstan, Uzbekistan and Kyrgyzstan in Central Asia as they struggle to contain an explosive mix of political, religious and ethnic tensions. With authoritarian regimes in control, opposition is marginalized or banned. Oil revenue, particularly in Kazakhstan, has brought revenue to the country but has increased the disparity between rich and poor. *Airs to the Americas* (XM and limited shortwave) Mondays 1406 and 1906, plus Tuesdays 0006 and 0506; to Europe (and live Webcast) Mondays 0805, 1105 and 1905; to Africa Mondays 0906, 1306 and 2106, plus Tuesdays 0006.


All of the programs mentioned above, with the possible exception of *Wimbledon Live*, are available for on-demand web streaming for one week following the initial airing listed above. The two documentary series, *The New Arab World* and *Struggling For A Future*, will likely be made available long-term in the online documentary archive, probably for at least the balance of 2006. Most all of the 2005 and 2006 documentary series can be downloaded as MP3 files for easy portable listening. Check out the online documentary archive by visiting the World Service home page, <http://www.bbc.co.uk/worldservice>, and clicking on (you guessed it) **Documentary Archive**.

Wimbledon Live may not be available via online live or on-demand webcast, due to broadcast rights issues; you'll need to check the World Service website to see what options are provided.

Hope July brings plenty of radio enjoyment!

73 DE Richard

WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **WWW Shortwave Listening Guide** on NASweb. Almost 4,000 entries have been updated for the current scheduling period. Visit the Guide at <http://www.naswa.net/swlguide/>. 

Kim's Column

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This column, with links, is available at this URL publicized only to NASWA members: www.kimandrewelliott.com/hightech.html

The big question: old media or new media?

A June 12 article in the *Newark Star-Ledger*, "America's learning a new way to speak: U.S. broadcasts now high-tech," is an interesting examination of the new media of U.S. international broadcasting. It's a must-read. But a few passages in that piece gave me distress in the lower tract.

Kenneth Tomlinson, chairman of the Broadcasting Board of Governors is quoted: "Satellite television is to the future what shortwave was to the past. Internet is a key element of what we're doing, a key vehicle in today's world for providing information to deprived people." That is the theme of the article: satellite television and the internet are the future of international broadcasting. Shortwave is passé.

An upbeat assessment is given to the ability of these new media to get through to "deprived people": "That cell phone ringing in China might bring a text message giving the VOA's latest Internet address. The address can be changed more quickly than the Chinese government can find and block it."

Well, maybe. On June 9, Reporters sans frontières reported: "The authorities have largely managed to neutralise software designed to sidestep censorship since 24 May. Such software as Dynapass, Ultrasurf, Freegate and Garden Networks is normally used by about 100,000 people in China to gain access to news and information that is blocked by the firewall isolating China from the rest of the worldwide web."

To be sure, most people, if given the choice, would rather receive international broadcast content through a clear satellite television

picture, or from a local FM station, or by way of the convenient interactivity of the World Wide Web. But in many countries, those new media of international broadcasting are illegal, confiscated, blocked, or easily jammed.

The *Star-Ledger* article did not mention the fact that shortwave, for all its signal degradations and complexity of tuning, is the one medium granted some immunity from jamming by the laws of physics. I fear the senior decision makers of U.S. international broadcasting do not grasp this reality. As such, they seem eager to dismantle the shortwave plant to free up funds for the new media. As more countries figure out ways to block web content, or jam satellite television (still much easier than jamming shortwave), or to pull other plugs, a global shortwave network remains essential.

No, the big question is: news or propaganda?

As if the Tomlinson statement did not aggravate me sufficiently, the *Star-Ledger* article also included passages from Professor Nancy Snow of the California State University-Fullerton. Professor Snow is often quoted when reporters tackle international broadcasting and public diplomacy.

She said, "I always view VOA, for example, as a legitimate news service that of course has a partial propagandistic mission to get America's message out there," adding that its coverage of the war on terror suggests it is being influenced by the Pentagon.

That is quite a devastating indictment, provided she can provide any evidence to support it. But I doubt she has any such evidence. University types usually miss the mark when they analyze international broadcasting. They are largely informed by persuasion theory, fed by studies in which certain content is presented to subjects to

determine if their opinions change. Because much international radio broadcasting was and is propaganda, they assume that such stimulus-response scenarios occur with all international broadcasting.

But many international radio stations just stick to news and current affairs. And most audiences are looking for such content as an *antidote* to the propaganda they are getting from their state-controlled domestic media. This reality does not fit the academics' theoretical templates, and so they tend to overlook it.

Actually, the big question really is: elite or mass?

Another recent, interesting, must-read article about international broadcasting is the *Washington Post's* June 5 look at Radio Farda, the youth-oriented U.S. station beamed to Iran. "We were tasked to reach out to the younger generation there. And quite frankly, you just can't do it with news."

Classical international broadcasting consists of a great deal of news and current affairs—more than most people are really interested in listening to. But an upscale, better educated, mostly urban, elite audience—distinguished more by its quality than its quantity—is interested in such content. Elite strategies of international broadcasting have a fair chance of success because the audience is willing to acquire the equipment and make the effort to receive foreign broadcasts.

Mass strategies usually require access to the domestic media of the target country, or something close to it, and programming that can successfully compete with the domestic fare in the target country. This is much more difficult than an elite strategy. Nevertheless, the Broadcasting Board of Governors has instructed the elements of U.S. international broadcasting to reach mass audiences.

There are few historical examples of mass strategy in international broadcasting. The

successful archetype was Radio Luxembourg of the 1960s, which used medium wave to bring popular music to Britain, where it was largely absent on the domestic BBC radio channels. Unsuccessful examples of mass strategy include WRNO, KYOI, and WUSW.

Radio Farda is very similar to Radio Luxembourg in that it is using medium wave from a nearby location to provide a desired menu of popular music to a country where that music is not available from domestic stations. Radio Farda is jammed, but apparently Iranians are listening nevertheless.

Radio Sawa is another application of mass strategy, successful, but limited by the fact that it has FM access in fewer than half of the Arab League nations. Other Arab countries must be reached via medium wave.

Radios Farda and Sawa would be the exceptions that prove the rule that mass strategy generally does not work in international broadcasting. When the domestic radio industry in a target country has achieved a modicum of competence, there is little that a foreign station can do to compete with them for general audiences. One of the few ways to succeed is to become part of the domestic broadcasting industry in the target country, as France's NRJ has done in several countries.

The really, really big question: should the White House get involved?

Jason Lee Steorts, in the *National Review*, June 19, writes that the White House could do more to stir up the "restive" Iranian population "by taking a more active hand in the programming of Voice of America and Radio Farda (Radio Free Europe's Farsi service) for Iran; the current broadcasts do little to plead the cause of Iran's democrats."

Now that would certainly bring U.S. international broadcasting in line with the professors' theories.

Views expressed are my own. More at kimandrewelliott.com.



Equipment Reviews

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Sherwood Engineering SE-3 MK III Synchronous Detector

Have you ever noticed in the receiver reviews in *Passport To Worldband Radio* that the reviewer may think that a particular radio is very good, but that the addition of the Sherwood SE-3 synchronous detector makes it great? What does the SE-3 do that makes it such a useful addition to an already good receiver? I had used an earlier version of the SE-3 with a JRC NRD-515 many years ago, but I decided to see what was different with the new model and see how it worked with more modern receivers.

What Is It?

The SE-3 is a replacement for a receiver's detector and audio output stages. It is designed to make listening to shortwave more pleasurable by significantly reducing the distortion induced by the selective fading of an amplitude modulated radio signal's components. It does this by substituting a locally generated carrier that is phase locked to the signal's carrier. This local carrier is stable and immune to fading, unlike the signal's own carrier. The SE-3 uses a product detector which generates less distortion of the audio signal than the usual envelope (diode) detector used in most receivers for AM reception. The SE-3 also provides for passband tuning to select either sideband of an AM signal to reduce adjacent channel interference. It is an external box measuring $3\frac{1}{4} \times 8 \times 5\frac{1}{2}$ inches (H×W×D). It comes with an external power supply supplying 20 volts AC at 500 mA. The SE-3 contains an audio amplifier supplying five watts into an 4 ohm load with a frequency response of 30 to 15,000 Hertz. There are outputs for a speaker, $\frac{1}{4}$

inch stereo or mono headphones and an auxillary line level output to drive a tape recorder or external amplifier. The SE-3 is plug and play, as long as your receiver has a 455 kHz intermediate frequency (IF) output—such receivers include the AOR AR7030, AOR3030, TenTec RX-340, Racal GM6790, Watkins-Johnson HF-1000, later versions of the Palstar R-30 and the military R-390A. Other receivers will require modifications to provide the appropriate output to interface to the SE-3—see the Sherwood Engineering website for more information. You will also need to make or obtain a cable with the appropriate connectors to connect your radio to the SE-3. The price for the SE-3 is \$549.00, plus shipping. A rack mounting panel option is available for an additional \$49.00. It appears that the SE-3 is assembled to order, so it may take at least a week or two for delivery. The overall quality of construction is excellent, although I found a ground lead to the headphone jack that had not been soldered in place on my unit.

If you have more than one radio that can be used with the SE-3, the SE-6 switch box is available to provide switch selection and level matching for the radios. The price for the SE-6 is \$99, \$125 or \$149 for the 4, 8 or 12 input models respectively. The SE-6 is housed in the same size and color cabinet as the SE-3.

Fading

Fading is one reason that shortwave radio doesn't sound as good as local medium wave and FM stations. Fading is a result of the shortwave signal's propagation via the

ionosphere. One form of fading, selective fading, is due to cancellation of portions of the signal by multipath propagation. The desired signal may be taking multiple paths through the ionosphere to reach the receiver. These paths may have different lengths which affect the phase of the signal and differing signal phases at the receiver result in cancellation or reinforcement of portions of the signal which vary over time. If the signal carrier is cancelled, severe distortion of the signal results. Fading can also result from alterations of the polarization of the signal as it is reflected by the ionosphere. Again, this phenomenon can affect just portions of the received signal, resulting in distortion of the received signal, not just variations in signal strength.

The effects of fading can be reduced by substituting a constant strength carrier in the receiver to replace the carrier that is being varied by propagation. This is the basis of the ECSS (exalted carrier selectable sideband) technique of tuning. This technique consists of tuning amplitude modulated signals with the receiver in USB or LSB mode. The receiver's BFO substitutes for the signal's carrier. The drawback to this technique is that the BFO signal is not completely matched to the signal's carrier, so the technique works relatively well for voice signals and less well for music. One source of mismatch is the receiver's tuning steps, which may be limited to 10 or even 100 Hertz, preventing an exact match to the signal's frequency. Even with receivers tuning to one Hertz, there may be phase differences between the signal's carrier and the BFO, resulting in residual distortion. This is where synchronous detectors have an advantage, as this type of detector generates a local carrier that is perfectly matched to the signal's carrier both in frequency and phase. For more information on shortwave signal fading see Joe Buch's article in the March 1993 NASWA Journal, which can be found on-line at: <http://www.hard-core-dx.com/nordicdx/antenna/special/fading.html> .

The SE-3

The SE-3 combines the advantages of synchronous detection and passband tuning, along with a fixed 5 kHz notch filter, treble tone control and a powerful (5 watts) high fidelity audio amplifier. It's contained in a no-nonsense enclosure with several cryptically labelled switches and knobs. Along the middle of the front panel from left to right are the Sync lock/offset switch, the PLL guide switch, Sync ("X") or AM ("+") switch, BFO offset knob, a blank cover for the bass boost/cut (which has been discontinued due to component costs), volume/power knob and then the treble boost/cut switch. Along the bottom of the front panel are the flutter filter switch, AM/SSB switch, a blank cover for the optional circuitry to switch between a 455 kHz or 500 kHz IF input and a 1/4" mono or stereo headphone jack. On the back are RCA jacks for IF in, speaker out and line level out, along with a Jones plug for the power supply. The no-longer available Radio Shack Minimus speaker is recommended for use with the SE-3, but any good quality small speaker will work. The auxiliary output can be used to drive an external amplifier if a larger speaker is to be used.

Basic operation is quickly mastered, once an appropriate cable to connect the SE-3 to a receiver is obtained and a speaker hooked up. The SE-3 is turned on, the volume is set to a low level, the mode switch set to AM and the detector switch to "+" for regular detection. The receiver is then tuned to the desired station, using AM mode. Once the signal is tuned in, switch to SE-3 to sync detection ("X") and then hold down the Lock toggle switch. There will be an audible whine that decreases in frequency as the phase lock loop locks. Release the Lock switch and adjust the volume to enjoy fade-free reception. The SE-3 does an impressive job of holding lock and eliminating distortion with even the deepest fades.

The passband tuning feature is utilized by holding the left-most switch up in the "Offset" position and tuning the receiver to either side of the carrier to reject interference—release the "Offset" switch and the detector is locked. The beauty of the offset feature is that it can be used to enhance fidelity by using a wide IF filter and off-tuning so that the entire filter bandwidth is used for a single sideband (instead of the filter's bandwidth being spread over both sidebands as in normal AM mode reception) or to reject interference by using a narrow IF filter but maintain intelligibility by shifting the passband so the sound is not muffled as it is when a narrow filter is switched in with the receiver tuning centered on the signal's carrier. The manufacturer states that the SE-3 can be used with any filter bandwidth from 1.3 to 8 kHz.

If the receiver is tuned to another frequency, the SE-3 will have to be relocked. The "+" detector setting can be used to avoid hearing a whine as the receiver is tuned. However, if the receiver can be tuned in 5 kHz steps (the normal channel spacing for shortwave signals) or if a new station is tuned to its carrier frequency via a keypad the SE-3 will still be in lock when the radio is tuned to the new station.

The flutter filter can be switched in when severe fading or flutter of the signal is present. It slows down the time constant of the lock to better hold lock on fluttering signals, such as those that are propagated via a trans-polar path. Engaging the filter will decrease the SE-3's ability to initialize lock, so the flutter filter should only be engaged after the signal is tuned in and locked. The treble control provides a 5 dB boost or cut at 5 kHz (can also be set to flat). I tend to use the cut position the most, as most shortwave broadcast signals don't have much signal content above 5 kHz. The 5 kHz notch filter is always in line. The Deluxe version of the SE-3, which is the only model listed on Sherwood's website,

includes a variable BFO control for SSB/CW reception. To use SSB mode, the AM/SSB switch is set to SSB while in sync detection mode and the BFO control is rotated until the SSB signal sounds natural. The stated range for the BFO is +/- 2.5 kHz. My only complaint about this arrangement is that the BFO and receiver tuning interact, so that it can be difficult to exactly determine the carrier frequency of the SSB signal. I tend to just use the receiver alone when listening to SSB signals—having the SE-3 in place doesn't seem to affect the receiver's own product detector and doesn't affect the receiver's built-in (or external) speaker.

What's New with the MK III?

The older SE-3 that I have is labelled "Phase Lock Detector" on the front panel instead of "SE-3 Synchronous Detector" and is a Mark II according to the instruction sheets that came with it. The main difference between this model and the Mk III is that the earlier unit has a rotary switch to select four upper sideband and four lower sideband offsets. This arrangement is designed to allow for setting the offset of the SE-3 for each IF filter in the receiver so that the entire sideband is passed by the filter. This is done by adjusting trimmer capacitors inside the SE-3 for each offset setting. The advantage of the Mk III is that the offset can be continuously varied allowing for the best balance of interference rejection and frequency response for a given signal. The variable offset allows the Mk III to be used with various receivers without having to make internal adjustments. The Mk II also lacks the facilities for SSB/CW reception. This information regarding the Mk II is presented primarily for historical interest, but if you happen to come across a used unit for sale, snap it up if the price is right—the reception results will be the same, but it will be a little less flexible in operation than the newer version and some tweaking will be required to match it to your receiver.

But My Radio Already Has a Sync Detector

This is a valid concern, as the SE-3 is expensive, requires an external speaker, takes up space on the radio desk and increases the number of buttons to push and knobs to turn. However, the quality of receivers' built-in sync detectors as regards to their ability to hold lock varies greatly. In my experience, the ones in the AOR AR-7030 and Drake R-8/SW-8 series are tops. The Drakes (at least the later models) have push-button selection of either the upper or lower sideband, while the AOR uses passband tuning for sideband selection. The Lowe receivers have fair sync detectors, the Ten-Tec RX-340 is less good and the Icom R-75 is poor, at best. The Sherwood SE-3 just does not lose lock. There may be some decrease in the audio level as the signal fades, but there is no distortion of the audio as the signal dips. Using an SE-3 with a good receiver, antenna and speaker combination is as close to high-fidelity as shortwave gets. It is very satisfying to watch the needle of the S-meter dip and have no change in the quality of sound, as opposed to normal AM detection, where there is distortion of the signal, especially music, as the signal fades. I went back to compare standard vs. sync detection to refresh my memory for this review after using sync detection almost exclusively for the past two months. There is a definite difference—the "High Fidelity" label on the front panel of the unit is not an exaggeration. The SE-3 also seems to help in rendering weaker signals more intelligible, although it is hard to describe exactly what the effect is—there seems to be less background hiss and sizzle, regardless of how the treble control is set. The signal seems to get "lifted" out of the background noise. I was already sold on the advantageous of synchronous detectors, but the SE-3 is tops.

I also purchased a four port SE-6 in order to switch between the receivers that I have that have an IF output. Installing the SE-

6 involves hooking the receiver with the highest IF output level to the "A" channel—other receivers are connected to the other RCA jacks and internal trimmer potentiometers are adjusted so that the IF output levels are approximately equal. The SE-6 has an RCA jack output for the connection to the SE-3. Sherwood recommends turning off the receivers that are not in use, since the isolation between ports on the SE-6 is relatively low and there can be interaction between receivers if they are powered up.

The Sherwood website <http://www.sherweng.com> has detailed information on interfacing various receivers to the detector and also has MP3 and RealAudio files comparing signals using a standard receiver and a receiver connected to a SE-3. The recording with the SE-3 takes advantage of both sync detection and passband shift to increase the treble response in the signal, so the SE-3 signal sounds much brighter than the standard AM detection signal.

Sherwood Engineering will also provide modifications for radios without an IF output jack, so they can be used with the SE-3. See their website for information on which radios can be modified and whether the mods can be performed by the owner or require that the receiver be sent to Sherwood. Sherwood Engineering's postal address is: 1268 South Ogden St., Denver, CO, 80210; phone 303-722-2257, Fax 303-744-8876. They also offer filter and performance enhancements for several receivers, particularly Drake and JRC models.



Kaito KA31 Portable Active Loop Antenna

In these days of declining shortwave broadcasting (did you ever think that the BBC World Service would be a DX catch?) listeners need all the help they can get to pick up the signals that remain. Most portables have reasonable sensitivity, but must be positioned close to a window for optimum signal pickup when used indoors. In addition, the receiver is sensitive to all signals across the shortwave spectrum as well as local sources of interference. The use of an active antenna placed in the window permits moving the receiver to a more convenient spot in the room and, if it is a tuned design, may provide some degree of front-end selectivity. If the antenna is a loop design, it may be possible to reduce noise pick-up by rotating the loop.

Both Sony and AOR produced good quality portable active loop antennas—the AN-LP1 and WL-500 respectively—but these have recently been discontinued. The Kaito company has filled the breach with its economically priced KA31. It's available for \$34.95 (plus \$7.05 for shipping within the United States) from www.radios4you.com and for \$39.95 plus shipping from Universal Radio.

The system

The KA31 consists of the antenna element which is a square loop of fabric covered wire measuring 17 inches on a side. A telescoping whip antenna is used as a horizontal spreader to open the loop. The whip extends to 22 inches and collapses to 5 inches. A thin cable measuring sixteen feet in length connects the loop to the tuning pod and 20 inches of cable goes from the tuning unit to the user's radio. The tuning pod requires two AAA batteries for power. The cable to the radio terminates in a 1/8 inch three conductor plug, but an adapter is included that converts the output connector to two alligator clips for antenna and

ground respectively. The antenna clip can be connected to the radio's whip and the ground clip to a chassis ground such as the headphone output jack. A clip with a loop of string and a suction cup with an attached hook are included to mount the antenna in a window. The stated frequency coverage of the antenna is 3.9 to 22 MHz. The antenna is designed for indoor use only. There are two controls on the tuning pod: an on-off slide switch and a knob for tuning. Unlike the Sony active loops, which tune in switch selected steps, the KA31 tunes continuously across its frequency range.

Unlike the AN-LP1, which comes with a carry bag for all the components, the KA31's only case is the blister pack it comes in. A ziploc bag keeps all the parts together nicely for travel.

In use

The KA31 is plug-and-play for radios that have a 1/8 inch phone jack for an external antenna, with the only caveat being later model Sony portables such as the ICF-7600G/R, ICF-SW-07, etc. which have a DC voltage present on the antenna jack which is used to control Sony outboard active antennas. It would be prudent to plug in a 1/8 inch plug and check the terminals with a voltmeter to be sure there is no DC voltage present at the antenna input if you have a Sony radio. I opened the KA31 case and didn't see a DC blocking capacitor in the output circuit. With Sony radios the KA31 will need to be connected to the whip antenna. Attaching the ground clip will require some ingenuity—I tried clipping it to the shell of a plug inserted into the Line Out jack. I tried this with the ICF-2010 I was using for testing and found that this setup didn't give as good a signal level as using the external antenna jack. The technically adept will be able to come up with a patch cable with a DC

blocking capacitor inline or put a capacitor in the KA31 case.

How does it work?

Once the KA31 is connected to the radio and the loop deployed in a window, operation is intuitive—slide the power switch on and adjust the tuning knob for the best signal. There is a LED power indicator to remind you to turn the unit off. Tuning is quite sharp—when I first used it I thought it was broken, as I was tuning too fast and missing the tuning peak. I used a Sony AN-LP1 for comparison. Both loops were hung side-by-side in a window.

The KA31 generally had more gain than the Sony loop, except in the area below 6 MHz where the Sony was the clear winner. The KA31 definitely had a sharper peak in its tuning—the Sony would still give a usable

signal with its band selector switch set to either side of the tuned frequency. The Kaito seemed noisier than the Sony, especially in the 15 to 17 MHz range. It must be that its higher sensitivity was picking up more locally generated noise, as I took the antenna and radio out in the yard to test and see if the noise was being generated by the unit itself, which it was not.


Overall, my personal preference was for the Sony AN-LP1 due to its wider tuning range, quieter reception and better gain at 6 Megahertz and below. If you have an AN-LP1 already, I wouldn't recommend replacing it with the KA31. However, the AN-LP1 has been discontinued and is not generally available, although an eBay search showed a seller in Japan who still had them for sale. If you need a portable active antenna for your portable radio the KA31 works reasonably well at a very reasonable price.

Hardware Bits

Sherwood SE-3/SE-6 Update—I've received a couple of E-mails from Rob Sherwood regarding the SE-3 Synchronous detector and the SE-6 switchbox. A reasonably priced source for the toroidal coil form for the bass boost circuit has been found and the feature will be restored to new SE-3s, with a \$20 price increase. Owners of SE-3s without the bass boost (the toggle switch between the BFO knob and the Volume control) can have their units modified by Sherwood for \$49, which includes return shipping in the continental US, or get the parts and install them themselves for \$25, again including shipping within the continental United States. Sherwood Engineering's address is 1268 South Ogden St., Denver, CO 80210; 303-722-2257, FAX 303-744-8876. <http://www.sherweng.com/>

Rob also informed me that the first 25 units of the SE-6 switchbox had a wiring error which has prompted a recall. Letters were sent to the owners, but some letters were

returned as undeliverable or the owners didn't send their units in for rework. If you have a SE-6 and are unsure whether yours is one of the recall units, call Lloyd at the engineering hot line at 303-698-4214. Lloyd is generally in Monday, Wednesday and Friday from 8:30 till 11:30 AM Mountain Time.

Add-On Tuning Dimple—Does your radio's tuning knob lack a finger indent for rapid tuning? Now you can add one thanks to the FingerDimple. This self-stick plastic dimple adheres to your tuning knob and lets you spin away! Mobile installations are not recommended due to the high temperatures that can occur inside a closed automobile. They come in packs of two of either black, gray or one of each for \$6, US postage included. PayPal can be used on-line. See the website: www.FingerDimple.com. Regular mail address is: 19121 Cascade Court, Aurora, OH 44202. 

Adrian Peterson's Diary

Dr. Adrian M. Peterson • Box 29235 • Indianapolis, IN 46229

Radio to the Rescue (Part II)— Lost in China!

These days we are quite familiar with the multitudinous forms of electronic communication that are available for the purpose of passing on information in emergency situations. Hand held walkie-talkies can be used for directing rescue efforts during devastating floods, the telephone can summon help with the dialing of official emergency numbers, the new "Amber Alert" system across busy highways in the United States alerts motorists to keep a look out for wanted cars with a kidnapped passenger, and even the internet can be used for passing on official information quickly. Then too, police cars can notify headquarters with wanted information faxed by radio, and TV networks have alerted the public with important emergency information. All of these modern communication procedures might be described as "Lassie to the Rescue," electronically.

However, as we are aware, it has not always been this way. Back more than half a century ago, there was just the telephone and wireless and these were the only forms of electronic communication that could be utilized for quick emergency contact.

It was back during the tumultuous events in Asia in the era immediately prior to the Pacific War. A famous Chinese dramatic soprano, Louise Kwan, was married to a professor at the Nanking University in China. He was granted the opportunity of postgraduate study at the Cornell University in the American state of New York and in order to make the journey, Louise Kwan left her infant son in the temporary care of her own parents. However, while the university couple were in the United States, the Nanking University, along with many other enterprises in

the coastal areas, packed up and trekked inland ahead of the coming Japanese invasion. While still in the United States, Louise made many attempts to re-find her parents and her infant son, but without success.

Finally, Louise and her husband decided that it was time to return to their homeland and they began their homeward-bound journey by traveling across the continental United States. Arrangements had been made by the Reverend Stanley Hunter of the St. John's Presbyterian Church in Berkeley California for Louise to stop off in San Francisco and make a live broadcast from the new shortwave station KGEI. This was the only shortwave station in the United States at the time that was heard with a reliable signal in China. During this era, it was on the air for the early morning broadcast with 20 kw. on 9530 kHz in the 31 metre band.

This new shortwave station in California was established by the General Electric Company, which had previously placed stations WGEA and WGEO on the air in Schenectady, New York state. The original plans for their California-based station, as released in 1937, called for two shortwave transmitters at 20 kw. each, though the station was launched two years later with just one unit. The first test broadcast from this new station, under the experimental callsign W6XBE, went on the air on February 18, 1939 on 15330 kHz. This initial broadcast, on the opening day of the "Golden Gate International Exposition," was heard in several areas of the United States and also in Australia. Initially, this station verified by letter, though at least one listener-prepared card verifying the first test broadcast was signed and posted in San Francisco.

Thus it was that Louise Kwan stood before the open microphone in the Treasure Island studios of station KGEI in the early morning of June 21, 1939, and she sang songs in the Chinese language that she had sung on previous occasions, and in much better times, to her infant son. She then made an urgent appeal for anybody in China who knew the whereabouts of her parents and her son to pass the information along. Three days later, she and her husband boarded an ocean-going steamer for the long, and perhaps treacherous, journey across the Pacific to mainland China.

At the time when Louise Kwan made her emotional broadcast, the General Electric station was still operating under the original experimental call sign, W6XBE, though a few weeks later, on September 1, the call was officially regularized to the more familiar KGEI. The studios in which Louise made her broadcast were located in the "Palace of Electricity" on man-made Treasure Island in San Francisco Bay during the 1939 "Golden

Gate International Exposition." The antenna was strung across two poles located at the harbor entrance to Treasure Island. During the Pacific War, station KGEI was taken over by the Office of War Information as the first west coast station for the Voice of America.

After some time of heart-wrenching searching in China, Louise finally located her missing son, though she also discovered that her parents had died during the arduous trek inland. The information about the re-union of mother and son was passed on to station KGEI, in California via the Presbyterian church pastor and listeners throughout the world heard the "rest of the story," as radio-man Paul Harvey would say, about the re-union of the famous Chinese soprano, Louise Kwan, and her missing son.

Originally published at www.radioheritage.net © Adrian Peterson (Adventist World Radio), Radio Heritage Foundation—"sharing the stories of Pacific radio."

Radio to the Rescue (Part III)— On the Rocks

The Voice of PITC. Adamstown, Pitcairn Island. 1938

In the era before World War II, our planet was just awakening to the fact that the new medium of shortwave radio possessed the capability of instantaneously communicating with the ends of the earth. With the rapidity of international electronic communication, attention could be drawn to the plight of peoples in desperate need, and it really did happen just that way. In this feature article on "Radio to the Rescue," we tell the story of two vastly separated island communities that were in desperate need more than half a century ago and how international communication by shortwave radio alerted the world of their plight. The two locations were Pitcairn Island in the wide Pacific, and St Paul's Rocks half way between Africa and Australia; and the year was 1938.

But first, let me reminisce a little. Back in the days when I was a late teenager, I befriended a young family that had moved from country New South Wales to the city of Adelaide in South Australia. They served in Adelaide only a year or two and then they were appointed as missionaries for service on Pitcairn Island. He was a church pastor and she was a nurse, the required combination for a two year term on Pitcairn Island. After they settled into the regular routine of daily life on isolated Pitcairn, he posted a letter to me in a business-sized envelope covered with all of the colorful postage stamps then in use at the Pitcairn post office.

A few years later, my roommate at a boarding college near Newcastle in New

South Wales was a cane farmer boy from Queensland. The teenage girl from Sydney who later became my wife also had a roommate at the same college and she was the daughter of a subsequent missionary family on Pitcairn Island. Both sets of roommates married; I married the Sydney girl and my roommate married the Pitcairn girl.

Many years later I was writing scripts for "Radio Monitors International," the earlier DX program from Adventist World Radio, and I produced a short series on the story of "Radio Broadcasting on Pitcairn Island." Yes, it is indeed true, Pitcairn was on the air before and after World War II with broadcast programming. In 1938 the callsign was PITC and VR6A with program relays to the network systems in the United States, and after the war it was on the air under the callsigns ZBP and ZKG. A total of 1500 QSL cards were printed for the pre-war relays which were received on shortwave by KKW and KKR, the RCA communication transmitters at Bolinas in California.

Anyway, when VR6A-PITC made communication with California, one of the amateur radio operators who maintained frequent contact with Pitcairn was Dorothy Hall at W2IXY. At the time, there was a problem on Pitcairn Island. The popular news rumor was that the nearly two hundred islanders were suffering from some sort of contagious plague but in actual reality the small island was running short on food. No ships had called for a while, and W2IXY passed on the information to the relevant authorities. The next ship that was passing nearby called in to Pitcairn, dropped anchor off Bounty Bay, and ferried food supplies by long boat to the small community living in Adamstown.

Now, that was the story of one island, "on the rocks" as it were. Pitcairn is a rugged outcrop in the wide Pacific with a total area of just two square miles. It vies with Easter Island for the title of the world's most isolated island. The other "rock in need" in this feature is St. Paul's Rocks, which, as mentioned earlier, lies half way between Africa and Australia. This is what happened.

Again, it was the year 1938, and the residents on another island were in desperate need from the international community. At the time, the island outcrop was known as St. Paul's Rocks but these days the atlas shows it as St. Paul Island, and literally, it does lie in the Indian Ocean quite accurately half way between (South) Africa and (Western) Australia.

It just so happened that the ocean-going vessel, "Ile de Bourbon" made a visit to St. Paul Island and anchored a distance off shore. When the crew went ashore, they discovered that the island's residents were in a starving condition and that very little food was available. There are no permanent residents on St. Paul Island and over the years it has been the temporary home of ship wrecked sailors and expeditionary personnel. The ship's crew made available to the island what food they could, but they also made an even better gesture. The radio officer on board the "Ile de Bourbon" made an emergency SOS broadcast, appealing to the international community to send food to this island. And would you know it? It was the Christmas season and the date was December 21, 1938.

In the United States, there was a shortwave listener who just happened to be tuning across the bands on his shortwave receiver. He was William Palmer in Ohio and he heard the emergency SOS broadcast from the "Bourbon" and passed on the information. In addition, he also sent a reception report on this unique broadcast to the "Bourbon" at its home port and, wonder of wonders, in due course he received a QSL letter verifying his remarkable reception, a once-in-a-lifetime broadcast from a lonely ship at an isolated island, "downunder" and half way around the world.

Originally published at www.radioheritage.net (c) Adrian Peterson (Adventist World Radio), Radio Heritage Foundation—"sharing the stories of Pacific radio."



Listener's Notebook

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888 • FAX: (518) 453-0864 • al@alcue.com

ALGERIA [non] Some changes of VT Communications Relays from June 12/19—*RTA Radio Algeria* again on short waves, all in Arabic:

0400-0600 7260-RMP 9540-WOF
1900-2000 9765-RMP 11810-WOF
2000-2100 9765-RMP 12025-WOF
2100-2300 7150-RMP 9710-WOF

(DX Mix News, Bulgaria, June 21/DX Listening Digest/Hauser-OK)

ANGOLA *Radio Nacional de Angola*, postal address: CP 1329, Luanda, Angola -Web:<<http://www.rna.ao>>, daily from transmitter site Luanda-Mulenvos (15/100 kW):

Canal A 0000-2400 Portuguese 4950
Radio N'Gola Yetu 0000-2400 Vernaculars 7216.8

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

ASCENSION ISLAND Shortwave non BBC relays:

NHK World Radio Japan, daily:

0330-0400 Swahili 6135
0700-0730 Arabic 15220
0800-1000 Japanese 17650
1230-1300 French 15400 17870
1300-1330 Swahili 17870
1500-1700 Japanese 21630
2100-2200 English 11855
2200-2300 Japanese 15220

Radio France Internationale, daily:

0400-0500 French 7150
0600-0630 English 9570
0630-0700 French 9570
1200-1230 English 17815

RAI International, daily:

0130-0230 Italian 6110 11765
1700-1800 Italian 15320

Radio Prague, daily:

0000-0030 Spanish 11665

United Nations Radio, Mo-Fr:

1730-1745 English 17810

Family Radio (WYFR), daily:

1700-1800 English 21680
2000-2200 English 15195

2030-2130 French 11985
2115-2315 English 11875

FEBA

1830-1900 French 15130 Daily
2145-2215 Wolof 11985 Th/Fr

Star Radio, daily:

0700-0900 English 9525
2100-2200 English 11965

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

AUSTRALIA HCJB has resumed transmission in Japanese since June 2, on every Friday and Saturday [UT] at 2230-2300 on 15525. The programs are produced in Sydney, Chicago, and Tokyo. Japanese transmission from Ecuador was once on the air from May 1, 1964 until December 31, 2000. This may be the first case that international broadcaster resumes Japanese transmission.

Reception reports should be addressed to HCJB Section, Yodobashi Church, Hyakunincho 1-17-8, Shinjuku-ku, Tokyo, 169-0073 Japan, requiring 160 yen stamp for reply (Takahito Akabayashi, Japan, June 3/DX Listening Digest/Hauser-OK)

The **ABC** advises that it is in the process of upgrading its Alice Springs, Katherine and Tennant Creek shortwave Local Radio services. This work is being undertaken to provide greater reliability of these services. Each service will be required to be switched off for an extended period while replacement transmitters are installed.

The work on the Tennant Creek transmitter has now been completed and the service has recommenced broadcasting. The Alice Springs (Roe Creek) service is now being upgraded and is currently off and the Katherine service will also be turned off for an extended period from Tuesday 30 May.

From this date those listeners who usually tune to the Alice Springs and Katherine shortwave services will need to retune to the Tennant Creek service to continue to receive ABC Local Radio. The ABC has also provided an additional service, which will broadcast into the Northern Territory from Shepparton, Victoria on 11880 during the day and 6080 in the evening. Those listeners who have problems

tuning to the Tennant Creek service, particularly if you live in the Katherine region, should attempt to tune to these additional frequencies. (ABC via Padula, Jun 05/DSWCI DX-Window/Petersen-DK)

BELARUS 7110, 1500, *Radio Hrodna* started May 22 with a local transmission with mainly cultural elements. Also heard on 6040 but weaker there. The other small local stations seem to be off. (Brunstrom, Sweden, SW Bulletin May 28, translated by editor Thomas Nilsson/DX Listening Digest/Hauser-OK)

BURKINA FASO *Radio Burkina*, postal address: Radio Burkina, BP 7029, Ouagadougou, Burkina Faso At the Web: <http://www.rtb.bf/site_radio>. Transmitter site is Ouagadougou with 100 kW. Daily transmissions:

0530-0800 French/Vern 5030
0800-1700 French/Vern 7230
1700-0000 French/Vern 5030

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

CHAD *Radiodiffusion Nationale Tchadienne*, postal address: RNT, BP 892, Ndjamen, Chad. Transmitter site is Ndjamen-Gredia with 100 kW.

0430-0730 Fr/Ar/Vern 6165 Daily
0730-1000 Fr/Ar/Vern 6165 Sat, Sun
1000-2230 Fr/Ar/Vern 6165 Daily

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

CHILE I've noticed *Voz Cristão* on new 6110 kHz, as early as 0400 and as late as past 1000 in Portuguese. I'm not sure if this replacement for 11890, but this would sure be a better frequency, one would think, for overnight transmission from South America to South America. I've noticed that besides giving the Miami address, they also mention Angola and Mozambique, and gave a C.P. Box address in Maputo, so not sure if this is intended for Africa and is additional to 11890 or replacement for it. I'm assuming this is via the Chile site. Anyone know for sure (Alex Vranes, Jr., Harpers Ferry, WV)

CONGO—REPUBLIC *Radio Congo*, postal address: R. Congo, Direction Generale de Radio TV du Congo, B. P. 2912, Brazzaville, Rep. of Congo. Transmitter site is Brazzaville with 100 kW. Daily transmissions:

0430-0600 Fr/Vern 5985
0600-0700 Fr/Vern 5985 6115
0700-0830 Fr/Vern 6115 9610
0830-1700 Fr/Vern 9610
1700-2030 Fr/Vern 5985 6115
2030-2300 Fr/Vern 5985

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

CYPRUS—NORTHERN 6150.03 *Radio Bayrak*, 0328, Jun 11, National Anthem which I recognized from 3 years ago when I last heard them, English female ID and frequencies, usual pop music. Audio weak and distorted but audible while Gene Scott (consistently on 6149.97) is off. (Groot-HOL/DSWCI DX-Window/Petersen-DK)

DJIBOUTI *Radiodiffusion Television De Djibouti*, postal address: RTD, Avenue Saint Laurent du Var, BP 97, Djibouti, Republic of Djibouti. At the Web: <<http://www.rtd.dj>>. Transmitter site is Djibouti-Doraleh with 50 kW and daily transmission: 0300-2000 Afar/Fr/Vern 4780

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

EQUATORIAL GUINEA *Radio Africa* and *Radio East Africa*, postal address: Radio Africa, PO Box 851, Malabo, Equatorial Guinea, or Pan American Broadcasting, 2021 The Alameda (Suite 240), San Jose, CA 95126-1145, USA. At the Web: <<http://www.radiopanam.com>>. Transmitter site is Bata with 50 kW transmitter, operated by US evangelical programming Pan American Broadcasting.

0700-1600 English 15190 Radio East Africa Sa/Su
0800-1300 English 15190 Radio Africa #2 Mo-Fr
1700-2300 English 15190 Radio Africa Daily

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

FINLAND At its meeting on Jun 06, *YLE* Administrative Council decided to adjust the company's channel structure and profiles and new services. This move relates to the ongoing YLE strategy reform, founded on a customer- and content-based operating model. YLE's strategic objectives were approved by the company's Administrative Council already earlier in the spring. YLE will focus in future on serving Finns abroad through satellite, mobile and internet distribution. The company will therefore be discontinuing MW and SW broadcasts from Pori in 2007. However, medium-wave broadcasts will still continue on the Santahamina (Helsinki) transmitters in the Baltic Sea area. Director General Mikael Jungner in a Press Release from the European Broadcasting Union Jun 09 at http://www.ebu.ch/en/union/news/2006/tcm_6-45036.php. (Padula-AUS/DSWCI DX-Window/Petersen-DK)

FRANCE Deleted language services of *Radio France International*:

Albanian
0600-0627 9805

Polish
0445-0457 6045
1600-1657 9805
2100-2157 7135

Romanian
1500-1557 9805 11670
2000-2057 7135 9805

Serbian
0500-0527 7315 9805
1400-1457 9805 11670
1900-1957 7135 9805

(Radio Bulgaria DX Mix News, Ivo Ivanov May 30)

GABON Radiodiffusion Television Gabonaise - Radio Gabon, postal address: Radiodiffusion Television Gabonaise, BP 10150, Libreville, Gabon. Transmitter site is Libreville-Melen with 100 kW transmitter, operated daily.

0500-0800 French 4777
0800-1600 French 7270
1600-1700(1900) French 4777

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

Africa No. 1, postal address: Africa No.1, BP 1, Libreville, Gabon. At the Web: <<http://www.africa1.com>>. Transmitter site is Moyabi-Moanda with 500 kW (HFCC registrations listed with 250 kW power). Daily transmissions:

0500-0700 French 9580
0700-1030 French 9580 17630
1030-1100 French 9580
1100-1600 French 9580 17630
1600-1900 French 9580 15475
1900-2300 French 9580

Transmissions via the Moyabi Relay:

Radio Japan, daily:

0430-0500 Russian 11970
0500-0530 Spanish 11970
0530-0545 Italian 11970
0545-0600 Swedish 11970
0600-0630 German 11970
0630-0700 French 11970
1030-1045 Italian 21820
1045-1100 Swedish 21820
1700-1800 English 15355
1800-1900 Japanese 15355

Franco-African Music, daily: The purpose of this non-stop Franco-African music service appears to be as a source of interference against the Libyan opposition station Sawt al-Amal in the range 17660-17695, from approximately 1300 until its sign's off at 1400. The music then remains on air until 1530. Transmitter Site believed to be Moyabi, Gabon. 1300-1530 Franco-African music North Africa (presumed) in range 17670-17695. (Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

GERMANY [and non] The *Deutsche Welle* schedule has again a lot of changes due to the reorganization of the German program to the two-hour segments last autumn.

Here is a list of the new frequencies, some frequencies end a few minutes early:

0000-0100	English	9430-Kigali 9885-Trincomalee
0000-0100	Russian	11660-Vladivostok 13810-Trincomalee 15135-Petropavlovsk
0000-0159	German	9430-Sines 12095-Trincomalee
0100-0158	Russian	11790-Trincomalee
0100-0200	Bengali	9895-Trincomalee 11820-Singapur
0200-0359	German	9825-Sines 9830-Bonaire 15640-Trincomalee 15595-Trincomalee
0200-0400	Russian	15595-Trincomalee
0300-0400	Swahili	9495-Sines
0400-0500	English	12045-Wertachtal
0400-0530	Russian	5910-Wertachtal 11650-Wertachtal
0400-0600	German	9620-Kigali 17575-Trincomalee
0430-0500	Ukranian	5980-Wertachtal
0500-0530	Bulgarian	7170-Nauen
0530-0600	Turkish	15640-Wertachtal
0530-0630	Alb/Bos/Serb	5910-Wertachtal
0600-0800	German	9480-Nauen 15325-Wertachtal 15545-Nauen
0800-0900	Pashtu/Dari	15525-Armavir
0800-1000	German	9480-Nauen 9855-Bonaire 15325-Wertachtal 15680-Trincomalee
1000-1200	German	5905-Bonaire 15595-Sackville 17770-Wertachtal
1030-1055	Chinese	9460-Vladivostok 15360-Trincomalee
1200-1257	French	21780-Kigali
1200-1257	Indonesian	11770 15105 17800
1200-1400	German	9565-Trincomalee 11900-Sackville 15620-Wertachtal
1300-1350	Chinese	15425-Singapur
1400-1459	Russian	15620-Wertachtal
1400-1500	German	15445-Bonaire

1430-1500	Turkish	13590-Nauen 15595-Wertachtal
1500-1557	Russian	15620-Kigali
1500-1557	Swahili	11670-Kigali
1500-1600	German	15445-Sackville
1600-1657	French	11670-Kigali
1600-1658	English	9485-Trincomalee
1600-1800	German	6150-Kigali 15680-Trincomalee
1700-1730	Urdu	9645-Trincomalee 15190-Nauen
1700-1758	Russian	15620-Sines
1730-1800	Bulgarian	5905-Wertachtal
1800-1900	Hausa	15620-Wertachtal
1800-1955	German	6150-Kigali 15275-Kigali
1900-1957	English	15620-Wertachtal
2000-2155	German	7330-Trincomalee 9875-Kigali
2000-2200	Arabic	13650-Kigali
2200-2300	Indonesian	6000-Trincomalee 7430-Almaty 9855-Trincomalee
2200-2400	German	7420-Almaty 9775-Kigali 11935-Kigali 11965-Irkutsk 15640-Petropavlovsk-Kamchatka
2300-2400	Chinese	9865-Dhabbaya 11660-Novosibirsk 11830-Komsomolsk
2300-2400	English	17860-Irkutsk

New DRM transmissions:

0400-0600	9690-Moscow
0600-0800	6130-Wertachtal
0800-0859	13810-Sines
0800-1025	21820-Trincomalee
1200-1559	6130-Wertachtal
1600-1800	3995-Wertachtal
1900-2100	7515-Moscow
2200-2230	9800-Sackville to USA new program

(Udo Krueger-DE, May 21, WWDXC BC-DX May 31/DX Listening Digest/Hauser-OK)

New transmissions of CVC International in English via DTK T-Systems

1200-1400	17860 JUL till August 31
1400-1700	15795 JUL till August 31

(DX Mix News, Bulgaria)

GREECE Updated summer A-06 of ERA-5 Voice of Greece in Greek from May 11 [when Kavala/IBB co-operation ceased]:

0500-1000	12120
0600-1000	15630
1100-1000	9420
1100-1855	15630
1900-0555	7475

ERA-3 Radlofontkos Stathmos Makedonias in Greek:

1100-1655	9935
1700-2255	7450

(DX Mix News, Bulgaria)

GUAM Frequency changes for KTRW Guam from June 4:

0730-0900	NF 17665 TWR, ex 17570 in English
1400-1430	NF 9405 TWR, ex 12130 in Bengali/Manipuri

(Radio Bulgaria DX Mix News, Ivo Ivanov, via WWDXC BC-DX May 30)

INDONESIA 2960, 1050-1110, RPDT2 Manggarai Jun 10 Presumed. Female announcer reading a list of some sort, with many mentions of Indonesian city names and individual names. Perhaps the Indo version of 'comunicados'. No pause or ID at top of hour, but some mentions of Manggarai at 1108. (Atkins-WA/Cumbre DX/Johnson-WY)

3269, **RRI Gorontalo**, song of the coconut islands 1158 ID in Indonesian at 1200, News relay from Jakarta, sign-off 1206. (Cataract DX-pedition, NSW via John Wright, June 17/DX Listening Digest/Hauser-OK)

4870.95, **RRI Sorong**, 0945-1055 June 8. Noted a steady string of musical selections until 0959 when a woman talks for about five minutes in Indonesian. No theme music noted on the hour. At about 1013 the Kor'an is recited. This is followed with music again until about 1040 when the same woman speaks until 1054. At that time music presented again. (Bolland-FL/DX Listening Digest/Hauser-OK)

7289.87, **RRI Nabire**, Jun 09, 0750-0812*, 24442-34343, Indonesian, Music, ID at 0759, 0800 Jakarta news relay, 0812 sign off (Kouji Hashimoto, Japan, Japan Premium/DX Listening Digest/Hauser-OK)

ISRAEL Summer A-06 schedule for Kol Israel:

0245-2115	Arabic	5915
0330-0345	English	11590 13720 17600 (9345 7530 17600 from Sep. 1)
0345-0400	French	11590 13720 (9345 7530 from Sep. 1)
0400-0455	Hebrew	11590 (9345 from Sep. 1)
0500-0930	Hebrew	15760
0930-0945	English	13680 15760
0945-1000	Ladino	13680 15760
1000-1015	French	13680 15760
1015-1355	Hebrew	15760

1400-1500	Farsi	11605 13850 15760 Fr/Sa (alt. 7420 9985 15640)	1500-1525	Italian	9670 11655 11720
1400-1525	Farsi	11605 13850 15760 Su-Th (alt. 7420 9985 15640)	1520-1540	Greek	9870 11775
1500-1525	Ladino	11605 15640 15760 Sa	1530-1555	French	9670 11855
1500-1525	Russian	11605 15640 15760 Fr	1540-1600	Bulgarian	9870 11775
1530-1545	Music	11605 15640 15760	1555-1625	Italian	9670 11855
1545-1555	Ladino	11605 15640 15760	1605-1625	Russian	9780 11700, some days on 9870 11775 instead
1600-1625	Yiddish	9345 11590 15760	1630-1655	Arabic	11810
1630-1645	Romanian	9345 11590 15760	1630-1655	French	7275 9845 11855
1645-1655	Hungarian	9345 11590 15760	1700-1800	Italian	5985 7175 9845 11970 15320 15385
1700-1715	French	9345 11590 13675	1805-1825	German	6040 9845
1715-1730	Spanish	9345 11590 13675	1810-1825	Czech	6130
1730-1745	English	9345 11590 13675	1825-1840	Slovak	6130
1745-1800	Romanian	9345 11590 13675	1830-1905	Italian	15380 17780
1800-1830	Amharic	9345 11590	1840-1900	Polish	6130
1800-1900	Hebrew	13675	1910-1930	Serbian	6130
1835-1845	Tigrina	9345 11590	1910-1930	Somali	11890
1845-1855	Hungarian	9345 11590	1935-1955	English	5960 9845
1900-1925	English	9400 11590 15640	1935-1955	Hungarian	6130
1930-1945	French	9345 9400 11590	2000-2020	Danish	6110 9780 Tu/Th/Su
1945-2000	Spanish	9345 9400 11590	2000-2020	Esperanto	6110 9780 Sa
2000-2100	Russian	9345	2000-2020	Russian	6185 9565 11775
2000-2115	Hebrew	15615	2000-2020	Swedish	6110 9780 Mo/We/Fr
2000-2255	Hebrew	11585 (9400 from Sep. 1)	2025-2045	Arabic	6110 7130
2300-0330	Hebrew	11590 (9345 from Sep. 1)	2025-2045	English	11875

Galei Tzahal / Israeli Forces Radio:

v0300-1630v Hebrew 15785v

v1630-0300v Hebrew 6973v

(DX Mix News, Bulgaria, June 21/DX Listening Digest/Hauser-OK)

ITALY Updated A-06 of RAI International:

0055-0115	English	11800
0055-0115	Spanish	9840
0115-0130	French	11800
0115-0130	Portuguese	9840
0130-0230	Italian	6110 9840 11765 11800
0230-0315	Italian	9840 11800
0315-0335	Spanish	9840 11800
0345-0405	Russian	5970 9670 11830
0405-0425	Ukrainian	5970 9670 11830
0435-0445	Italian	6110 6145 7235
0435-0455	Amharic	11900
0445-0500	English	6110 6145 7235
0455-0530	Italian	11900
0505-0525	Lithuanian	9670 11795
0530-0550	Romanian	9670 11795
0530-0550	Somali	11900
0600-0620	Arabic	11900
0600-0620	Russian	9670 11795
0625-1300	Italian	6195
1000-1100	Italian	11920
1330-1355	Arabic	9670 11795 11915
1335-1355	Albanian	9610
1400-1415	Slovene	9570
1400-1425	Italian	15280 17780
1415-1435	German	9570
1435-1455	Croatian	9570
1500-1520	Turkish	9870 11775

2050-2110	Portuguese	6110 7130 11875 15240
2110-2130	Spanish	6110 7130
2115-2135	Romanian	5970
2135-2155	Arabic	6000 7260
2135-2155	Czech	5970
2155-2210	Slovak	5970
2205-2230	English	11895
2210-2225	Polish	5970
2240-0055	Italian	9840 11800

"Notturmo dall'Italia"

2200-0400 Italian 6060

"Domenica sport"

1250-1630 Italian 9670 11885 17570 17780
21515 Su

(DX Mix News, Bulgaria)

KOREA (NORTH) Open Radio for North Korea—

ORNK transmitting to North Korea and East China on 5880 from 1500-1800 UTC, mentioned at their website <<http://www.nkradio.com>>. ORNK broadcasts radio programs to the listeners in North Korea, mostly transmit programs prepared by the producers to North Korea. Anyone can participate in the program. Anyone who wants to deliver his/her voice to the North Koreans is welcome. ORNK is based on pluralism. Messages belong to the participants. ORNK is not limited to any political, economic, social, cultural or religious sphere. Any message can be broadcasted unless it does not violate intellectual property rights and ethical regulations on international broadcasting. ORNK supports true reconciliation between the North and South Korea. Sincere conversation is necessary for true reconcilia-

tion between the people of North and South Korea. (ORNK website, 16 Jun, via Kubiak-DE/WWDXC DX Magazine)

Noted 1500-1600 on 7470 (Dushanbe), ex-5880 kHz (Irkutsk). (HCJB)

The **Freedom North Korea Broadcast** <<http://www.freerk.net>> transmitting from Taiwan (VT-Merlin):

1000-1100 11750
1700-1800 9760

(NDXC, Hasegawa via Shigenori Aoki, and WB from BC-DX in MA-DX ntt #0605-2; May 2006) The English Language link on their website <<http://www.freerk.net>> doesn't work. The website listed frequency 5880 kHz, but was last modified at 6 Feb. 2006. (Kubiak-DE, 16 June 2006)

MADAGASCAR Radio Madagasikara - Radio Nationale Malgache, postal address: Radio Madagasikara, BP 4422, Antananarivo 101, Madagsacar. At the web <<http://takelaka.dts.mg/radmad>>. Transmitter site is Fenoarive with 10/20/30/100 kW.

0300-0500 Malagasy/Fr 3288 5010
0500-1500 Malagasy/Fr 6135 7105 9690
1500-1900 Malagasy/Fr 3288 5010
1900-2100 Malagasy/Fr 3288 5010 Sa/Su

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

Relay transmissions not by RN via Radio Netherlands Relay Station, transmitter site is Talata-Volon-dry with 50/250 kW.

Deutsche Welle, daily:

0500-0600 English 15410

Radio Sweden, daily:

0200-0230 Swedish 9435
0230-0300 English 9435
2100-2130 Swedish 7420
2130-2200 English 7420

Adventist World Radio, daily:

0230-0300 French 3215
0300-0330 Malagasy 3215
1300-1400 Vietnamese 17670
1530-1600 French 3215
1600-1630 Malagasy 3215

Family Radio (WYFR), daily:

0500-0600 English 9525
1800-1900 English 7395
1800-1900 Swahili 5905
1900-2100 English 6020

Feon'ny Filazantsara <<http://www.lutheranmedia.net/madagascar>>, daily:
1630-1700 Malagasy 3215

Radio Voice Of The People (Zimbabwean opposition), daily:

1700-1800 English 7120v

Democratic Voice Of Burma, daily:

1430-1530 Burmese 17625

Voice Of Tibet, daily:

1400-1430 Tibetan 17505
1530-1600 Tibetan 17505

Radio Nile, Sa-Tu

0430-0500 English 9905 12060

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

MALAYSIA 5965 Nasional FM via RTM, June 13, 1304-1311; news in vernacular, // 7270 (Wai FM via RTM), many IDs for "Radio RT" and "Radio RT Kuala Lumpur" during and after the news, 1310 // with music but Wai FM broke away briefly for their local ID and then continued // till 1311, when Wai FM started their own programming and 5965 continued with several more Radio RT and Radio RTM IDs and pop songs, 1318 finally noted Nasional FM ID. Had suspected that some of the news programs were parallel, but this is first time I was able to hear them for sure. Is also the first time I heard all these Radio RT and Radio RTM IDs. Both fair. (Howard-CA/NASWA Electronic Flashsheet/D'Angelo-PA)

6050 **RTM SibU**, June 18, 1017-1032 music program, poor/splatter from Japan on 6055; 1141-1218, W. announcer talking in vernacular over piano music (theme from Love Story?), light pop songs, 1200 singing jingle "? ? FM," musical fanfare, news in vern. (not // to 7270 nor 5965), 1205 singing jingle for "RTM? Kuala Lumpur," news continued, 1211 musical fanfare, singing jingle for RTM FM? (not positive), M with program of on-air phone calls. Fair, about the same level as 5965, 7270 and 7295. Needs more work to get a positive FM ID. This has been off the air for some time now. A big "Thank You" to John Wilkins for the alert on this one. He measured this at 6049.65 Good job John! (Howard-CA/NASWA Electronic Flashsheet/D'Angelo-PA)

MALI Radiodiffusion Television Du Mali, postal address: Radiodiffusion-Television du Mali, BP 171, Bamako, Mali. At the web <<http://www.ortm.net>>. Transmitter site is Bamako with 100 kW. Transmissions daily, news in English Saturday at 1900-1920:
0555-0800 Fr/Vern 4784.4 4835v 5995
0800-1800 Fr/Vern 7285 9635v 11960
1800-0000 Fr/Vern 4784.4 4835v 5995

China Radio International via relay station Bama with 50 kW power daily

1300-1400	French	13685	17880
1400-1500	English	13685	17630
1500-1600	English	13685	17630
1600-1700	Arabic	15125	17735
1700-1800	Swahili	13645	15125
1800-1830	Hausa	11640	13670
1830-1930	Arabic	11640	13685
1900-2000	Portuguese	11640	13630
2000-2130	English	11640	13630
2130-2230	French	11975	13630
2230-2300	Chinese	11975	15505
2300-0000	Chinese	7170	11975

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

MOROCCO Radiodiffusion-Television Marocaine,

postal address: RTM, 1 Rue Brihi, PO Box 1042, Rabat, Morocco. At the web <<http://www.rtm.ma>>. Transmitter site is Nador with 250 kW (15340/15345) and IBB Briech with 500 kW (7135/11920/15335). Transmissions daily.

0000-0500	Arabic	5980
0900-1100	Arabic	15340
1100-1500	Arabic	15335 15340
1500-2200	Arabic	15345
2200-0000	Arabic	7135

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

NETHERLANDS The *Radio Netherlands* relay station on Bonaire in the Netherlands Antilles is almost 40 years old. The existing shortwave transmitters have been in service since the station opened, and are overdue for replacement. The Board of Governors of Radio Netherlands recently approved an investment of some four million euros in the station, which delivers shortwave broadcasts to the Americas, Africa, Australia and New Zealand.

At the end of April, the Minister of Economic Affairs of the Netherlands Antilles, Burney El Hage, laid the first stone for the rebuilding project, which is scheduled to be completed in around 18 months. The refurbishment includes the replacement of the old Philips transmitters with two new AM/DRM senders. These new transmitters will not only be ready for the age of digital shortwave, but will also be much more energy-efficient when used in analogue mode. The identity of the company that will supply the new transmitters is not yet known. A detailed technical specification has been prepared, and tenders are being invited from three or four manufacturers. The winner will be announced in due course, and a period of 14 months is being allowed from the date of the order to the completion of testing on site.

Obviously, the transmitters have to be imported from elsewhere, but as much of the work as possible is being contracted to local companies on Bonaire, so that the local economy benefits from the reinvestment. A new office is being constructed at the transmitter site, and replaces the office that has been located in Kralendijk, 10 km from the transmitter site, since the station opened in 1969. The office was originally located away from the transmitters as in the early years it was used as a receiving station to pick up news bulletins that were broadcast from the Netherlands on a Single Side Band link. Nowadays, everything is fed by satellite, so there's no reason to have the office in a separate location.

The modernization of the Bonaire facility means that less manpower will be needed to operate it in the future. Currently, there are well over 30 employees. When the refurbishment is completed, this will be reduced to 27. But there will be no compulsory redundancies. Some of the employees have been with the station since it opened, and are due to retire shortly anyway, so this will take care of the reduction in numbers. The dedication of the staff in Bonaire was tested to its limits six years ago. On Sunday, 23 April 2000, a major fire broke out in the generator room. The fire totally destroyed the generators, silencing the station. Initially, it was expected that the station would be off the air for several months, but an incredible effort by the staff saw the station get back on the air with a reduced service on 2 May. Some members of staff worked so hard that they had to be ordered home to rest. Local people who had no direct connection with Radio Netherlands helped by bringing food and drink to the workers.

I visited the station in the 1980s, and came away full of admiration for the staff, who would later become colleagues. They were eager to show off "their" station to visitors, and were proud that their little island was playing such an important role in delivering Radio Netherlands programs to listeners thousands of miles away.

In recent years, budget cuts have reduced the amount of shortwave airtime needed by Radio Netherlands itself, but this has made it possible for other international broadcasters to avail themselves of the opportunity to get strong signals into the Americas. Currently, Bonaire relays some programmes of China Radio International, Deutsche Welle, Adventist World Radio and NHK Japan. As some broadcasters reduce their commitment to shortwave, Radio Netherlands is keeping its options open, and Bonaire will once again become a state-of-the-art international shortwave broadcasting facility. As someone who grew up in the era when international broadcasting and shortwave were synonymous, that gives me a warm feeling. See also <<http://www.radionether->

lands.nl/features/media/bon060518> (Andy Sen-
nitt via Alokesh Gupta via WWDXC-HQ; May 18,
2006)

NEW ZEALAND *Radio New Zealand International* introduced the following schedule 11-25 JUN due to some aerial switching problem:

0650-1200	6095# 7145
1200-1650	6095# 7145
1650-1850	6095# 7145
1850-2235	13730# 15720
2235-0650	13730# 15720

means DRM

(Goncalves, Portugal/Conexion Digital)

NIGERIA Several national and external services. At the web: <<http://www.radionigeria.net>>.

Radio Nigeria-Abuja (Kaduna—50 kW, daily):

0430-2305 English/Vern 7275

Radio Nigeria-Kaduna (Kaduna—50 kW, daily):

0400-2305 Ch 1-Hausa 6090v
0430-2305 Ch 2-En/Vern 4770v

Radio Nigeria-Ibadan (Ibadan—50 kW, daily)

0430-2305 En/Vern 6050 (irregular, inactive?)

Voice Of Nigeria (External Service, Ikorodu—350 kW, daily) Voice of Nigeria, PMB 40003, Falomo Post Office, Ikoyi, Lagos, Nigeria. Web: <<http://www.voiceofnigeria.org>>

0500-0700	English	15120
0700-0800	French	15120
0800-0900	Hausa	7255
0900-1000	Fulfulde	7255
1000-1600	English	7255
1600-1630	Swahili	7255
1630-1700	Arabic	15120
1700-2100	English	15120
2100-2200	French	7255
2200-2300	Hausa	7255

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

PAKISTAN Summer A-06 of *Radio Pakistan*:

0045-0115	Assami	7445.0	9340.4
0045-0215	Urdu	11580.0	15480.0
0115-0200	Bangla	7445.0	9340.4
0215-0300	Hindi	7445.0	9340.4
0315-0345	Tamil	11565.0	15620.4
0400-0430	Gujarati	9345.4	11565.0
0500-0700	Urdu	11570.0	15100.0
0730-0830	English	15100.0	17835.0
0830-1105	Urdu	15100.0	17835.0
0945-1015	Tamil	15625.4	17480.0
1015-1045	Sinhala	15625.4	17480.0

1100-1145	Hindi	9340.4	11550.0
1200-1230	Chinese	9385.0	11570.0
1200-1245	Bangla	11550.0	15625.4
1245-1315	Nepali	11550.0	15625.4
1330-1400	Turki	5840.4	
1330-1530	Urdu	9375.0	11570.0
1415-1445	Russian	7550.4	9300.0
1500-1545	Pashto	5095.0	
1515-1545	Dari	4835.4	
1600-1615	English	9375.0	11570.0

		12105.4	
		15725.0	
1630-1700	Turkish	6215.4	9340.0
1700-1900	Urdu	7530.0	9365.0
1715-1800	Persian	5835.0	6235.4
1800-1900	Urdu	5835.0	Islamabad px
1815-1900	Arabic	6235.4	9340.0
1915-0045	Urdu	7530.4	Islamabad px

(DX Mix News, Bulgaria, June 21/DX Listening Digest/Hauser-OK)

PAPUA NEW GUINEA *Radio Central* is back, heard at *2000 UT May 29 on 3290, sign-on in Pigin. Had been checking for it every couple mornings and not heard until now (Chris Hambly-AUSTRALIA/DX Listening Digest/Hauser-OK)

4960, 0845-1005, *Catholic Radio Network* Jun 10 Mellow acoustic guitar music and Christian vocals at tune-in. Into Catholic mass at top of hour without break or ID. I reviewed the recording of this station later, and noted that the Vatican Radio interval signal was heard at 1002 UTC, followed by a weak 'Catholic Radio Network' ID by man in English. Poor to fair signal at best. (Atkins-WA/Cumbre DX/Johnson-WY)

PERU 4790 is the "moved" frequency of *Radio Vision* (Ex Imperial) from Chiclayo. Heard 29 May around 0300 relaying religious recordings from Iglesia Pentecostal la Cosecha, the new owners of the radio station. I talked with Mr Jorge Tesen and he said the all the DXers can write to <http://www.iplacosecha.org/sugerenciasadd.php> In the message you must indicate: Atencion Sr. Jorge Tesen. (Alfredo Caiote-PERU, May 29/DX Listening Digest/Hauser-OK)

PHILIPPINES 15325, *FEBC*, May 25, 0954-1011, IS and English ID's: "This is FEBC radio, broadcasting from Manila, Philippines," religious program in English and religious songs. Good (Ron Howard, Shanghai, China, Etn E5/DX Listening Digest/Hauser-OK)

What's going on here? FEBC supposedly deleted all its English broadcasts from Philippines years ago.

But EiBi says: 15325 1000-1030 PHL FEBC Manila E SEA

WRTH 2006 did not show any English for FEBC Manila. Must have snuck an English segment back onto the schedule for A-06—yes, the A-06 WRTH supplement lists two English broadcasts, via Bocaue site:

1000-1030 15325 SE Asia
1430-1500 12130 S Asia

Nothing shown on 15325 in any language before 1000, however. I guess they were already warming up at 0954. I suppose this is something syndicated, with no Filipino culture or news whatsoever, unlike its long-lamented own English language productions, but one might check both semihours to be sure (Glenn Hauser-OK/DX Listening Digest)

15325, **FEBC**, May 29, *0950-1029*, on with IS and English only ID loop: "This is FEBC radio, broadcasting from Manila, Philippines," 1000 program "Haven Today" with Charles Morris, religious program and songs, program seems to be produced in Southern Calif. (Ron Howard-CHINA/DX Listening Digest/Hauser-OK)

SERBIA Following the formal recognition by the Serb government of the independence of Montenegro, the Belgrade-based international broadcaster has changed its name to **International Radio Serbia**. Both the radio broadcasts and website are now using this name, though some pages of the website haven't yet been updated (June 16th, 2006, 09:44 UTC by Andy, Media Network blog/DX Listening Digest/Hauser-OK)

SLOVAKIA At a Radio Council meeting May 24th a document was approved stating that **Radio Slovakia International** should cease its shortwave broadcasts June 30th. The transformation of the shortwave broadcast to a part of the Internet service of the public radio will follow shortly after. Apart from the Internet, the program of Radio Slovakia International will continue to be broadcast via satellite. According to RSI editor in chief Ladislav Kubis the proposal will not secure quality standard broadcast of the foreign service of public radio as defined by law. However this proposal was passed by a majority in the final vote (Station website via Edwin Southwell, June WDXC Contact/DX Listening Digest/Hauser-OK)

TUNISIA Additional transmission for **RTTunisia** in Arabic:

1500-1600 12005

(Radio Bulgaria DX Mix News, Ivo Ivanov, via WWDXC BC-DX May 30)

TURKEY Navigating the Voice of Turkey's website is one of life's more unpleasant tasks. That the entire site is in Turkish, with no foreign language option to click on makes it an experience in illiteracy or

just flying blind. For those who would like the A06 schedule, here it is from <http://www.trt.net.tr/voiceofturkey/high.htm>

0000-0100	Turkish	7300
0300-0400	English	5975 7270
0400-0700	Turkish	9460 11750 15225
0700-0800	Georgian	9760
0700-0800	Turkish	9460 11750 11955
0700-0830	Azerbaijani	11730 15140
0800-0900	Macedonian	11690
0800-0900	Turkish	9460 11750 11955 21715
0830-0930	Persian	11795 15220
0900-1100	Arabic	11690 15520
0900-1100	Turkish	9460 11955 21715
0930-1030	Rumanian	9560
1000-1100	Hungarian	13770
1000-1500	Turkish	17705 Fr
1030-1130	Greek	7295
1030-1130	Greek	9840
1100-1200	Chinese	17715
1100-1400	Turkish	9460 11955
1130-1230	Albanian	11875
1130-1230	German	13760
1200-1300	Urdu	13710
1230-1330	English	15450 15535
1230-1330	Uzbek	11795
1230-1400	Persian	11940
1300-1400	Russian	13720
1330-1430	Bulgarian	7210
1400-1500	Azerbaijani	9645
1400-1600	Arabic	11735 17790
1400-1600	Turkish	9460 11955
1430-1530	Greek	7180
1430-1530	Tatar	9855
1500-1600	Kazakh	11860
1530-1630	Turkmen	11905
1600-1630	Cro-Ser	9605
1600-1700	Kyrgyz	9575
1600-1700	Turkish	5960 9460
1630-1700	Italian	9610
1630-1730	Spanish	13720
1700-1800	Russian	9675
1700-2200	Turkish	5960 7215 9460
1730-1830	German	13640
1800-1900	Bosnian	5980
1830-1930	English	9785
1930-2030	French	9535 11850
2030-2130	English	7170
2200-2300	English	9830
2200-2400	Turkish	7300

(via Dan Malloy, Everett MA, June 12/DX Listening Digest/Hauser-OK)

UGANDA Radio Uganda, postal address: Radio Uganda, PO Box 7145, Kampala, Uganda. Transmitter site is Kampala with 10 kW.

Red Channel

0300-0600 En/Vern 4976 Mo-Fr
0345-0600 En/Vern 4976 Sa/Su
0600-1230 En/Vern 7195 Mo-Fr

0600-1430 En/Vern 7195 Sa/Su
1300-2100 En/Vern 4976 Mo-Fr
1430-2100 En/Vern 4976 Sa/Su

Blue Channel

0300-0600 En/Vern 5026 Mo-Fr
0345-0600 En/Vern 5026 Sa/Su
0600-1230 En/Vern 7110 Mo-Fr
0600-1430 En/Vern 7110 Sa/Su
1300-2100 En/Vern 5026 Mo-Fr
1430-2100 En/Vern 5026 Sa/Su

(Africa On Shortwave Summer 2006 Edition published by BDXC-UK, via Kubiak-DE/WWDXC DX Magazine)

UNITED STATES Updated summer A-06 for *World Harvest Radio*:

WHRI Angel # 1

0100-0300 9515 Mo-Fr
0100-0600 7315 Sa/Su
0300-0600 5860 Mo-Fr
0600-1000 7315
1000-1200 7555
1200-1300 9495
1300-1400 11785 Mo-Fr
1300-1400 NF 11940 Sa/Su >>> Hmong Lao Radio in Lao
1400-1600 11785
1600-2300 15285
2300-0100 7555

WHRI Angel # 2

0000-0100 9515 Mo-Fr
0100-0300 7490
0300-0500 7520
0500-0900 7465
0900-1200 7520
1200-1700 9840
1700-2200 15665
2200-0100 7490 Sa/Su

KWHR Angel # 3

0100-0500 17655
0500-0800 13650
0800-1200 9930
1200-1400 12130
1400-1800 9930

KWHR Angel # 4

0500-1300 11565

WHRA Angel # 5

0100-0500 5850
0500-0600 6145
0600-0700 7490
1200-1400 15665
1400-1600 17650
1600-1900 17640
1900-2100 13710
2100-2300 11765
2300-0100 7520

(DX Mix News, Bulgaria)

Frequency change for *WYFR Family Radio* in Spanish:

1900-2000 NF 7340 MSK, ex 7440

(DX Mix News, Bulgaria)

Radio Free Europe / Radio Liberty—RL A06 schedule update:

Additional frequency for Russian Service:

1100-1300 11700

Several changes for Uzbek Service, so complete Uzbek Service:

0200-0400 12110 15145 15460
1400-1500 13755 15145 15170
1600-1700 7555 9595 11875 12150

(RFE/RL website via Kubiak-DE/WWDXC DX Magazine, 17 Jun 2006)

Some IBB changes:

Voice of America

0500-0530 NF 9600 SAO, ex 6095 SAO in Hausa
0500-0530 NF 11680 SAO, ex 6035 SAO in Hausa
1800-1830 NF 11720 SAO, ex 11955 SAO in Hausa Sa/Su
2200-2400 NF 11725 PHT, ex 17740 PHT in English

Radio Liberty

0200-0400 NF 15470 UDO, ex 15250 UDO in Russian
0300-0400 NF 9855 LAM, ex 11990 KAV in Tatar
0300-0400 NF 17770 UDO, ex 15120 UDO in Turkmen
1600-1700 11875 KWT, ex BIB in Uzbek

(Radio Bulgaria DX Mix News, Ivo Ivanov, via WWDXC BC-DX May 30)



WANTED: I am looking for a SONY ICF-SW-1S or a PRO 80 shortwave radio receiver in good operating condition. No EBAY garbage, please. Contact Dave McLaren at (815) 625-3700 Ext. 40.

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



ALBANIA: Radio Tirana International 6115 f/d "Traditional Costumes" cd. in 23 ds. for 1 IRC. (Brouillette-IL).

ARGENTINA: Radiodiffusion Al Exterior 11710 f/d cd. w/ schedule and a very nice personal ltr. in 5 mos. for an EG rpt., applause cd., 3 IRCs and a local Christmas cd. I've been trying to get this QSL for over 10 years! v/s Marcela Campos, Director and John Anthony Middleton, English Team Head. Marian Turkula, English Assistant also signed the QSL. Addr: CC.555 Core Central, C1000WAF, Buenos Aires (Wood-TN).

ASCENSION ISLAND: WYFR 15195 f/d cd. in 2 wks. (Renfrew-NY).

BELARUS: Radio Belarus 7210 f/d "Broadcast Building" cd. w/ handwritten details and a request for additional rpts. in 22 ds. for \$1.00. v/s Larisa Suarez. (Wood-MA).

(Wood-MA).

e-mail reply in 13 ds. (D'Angelo-PA).

BONAIRE: Radio Nederland

6165 f/d "Summer at Nieuwezijds" cd. in 18 ds. for 1 IRC. (Brouillette-IL).

CANADA: Radio Canada International 9755 2 f/d cds. of "Globe" and "Maple Leaf Mailbag" in 9 ds. for 1 IRC (returned). Also rcvd. station sticker and program schedule. (Brouillette-IL).

CHILE: Voz Cristiana After 13 mos. of reports and f/ups to Chile, England and Miami I finally rcvd. a f/d QSL. Addr: CVC La Voz-Chile, Casilla 395, Talagante, Chile. All my rpts. to Radio Nacional de Chile and Radio Presidente Balmaceda were ignored. (Pogue-TN).

CHINA, PEOPLE'S REPUBLIC OF: Radio Canada International 17720 via Urumqi f/d cd. on 1 wk. for an e-mail rpt. (Renfrew-NY). **China Radio International** 13610 via Kashi p/d "Endangered Animals w/ Goitred Gazelle" cd. w/ paper cuts, station pennant, bookmark, sticker and postcard w/ a personal message from Ying Lian in 71 ds. (Wood-MA).

CZECH REPUBLIC: Radio Prague 5930 f/d "Jan Jansky" cd. w/ sked. and bookmark in 16 ds. for 1 IRC. (Brouillette-IL).

DIIBOUTI: Radio Television Diibouti f/d ltr w/ beautiful station sticker in 9 mos.



EMPRESA INDIVIDUAL C.R.S. NTC.
DE RADIODIFUSION

SANTA ANA

Nicolás Córdoba Orozco

GERENTE GENERAL
PERIODISTA A.R.P.
MATRICULA N° 8274

AVENIDA SAN MARTIN N° 636 TELEFONO N° 311047
QUILLABAMBA - SANTA ANA - LA CONVENCION - CUSCO



NATIONAL COMMUNICATIONS NETWORK INC.

RADIO

HOMESTRETCH AVENUE
D'URBAN PARK
GERORGETOWN GUYANA
SOUTH AMERICA

TELE: 225-8734; FAX: 225-8756

Dear Listener,

Thank you for your Reception report, dated *Nov 17, 2005*

We are pleased to hear from you, and appreciate the fact that you have taken time off to let us know that you are receiving us.

Your report was checked against our logs and found to be correct/assessment.

By this letter your report is Verified/ ~~Unverified~~

It is our sincere hope that you keep on writing to let us know how well you receive us.

Your suggestions, advice and any criticism would be welcome, since this would assist us to improve our standards.

Our programming can be heard on the Voice of Guyana on the AM Band and 5.950 MHZ (Shortwave) on the 49 Meter band, and 3.290 MHZ on the 90 Meter band.

Attached, please find more information of Guyana.

With regards.

Yours sincerely,



cd. Quite happy w/ this one! Addr: Icelandic National Broadcasting Service, Efstletti 1, 150 Reykjavik, Iceland. (Wood-TN).

INDIA (Goa): All India Radio f/d cd. in 1 mo. requesting that \$1.00 is not required for rp. v/s W.K. Sharma. (Brown-MO).

KASHMIR: All India Radio 4830 via Jammu f/d "Drawing of Nizamuddin Dargah, New Delhi" cd. in 109 ds. C/V #224. Very pleased w/ this one.

* (D'Angelo-PA). 4950 via Srinagar f/d "Sculptures on Adinatha Temple" cd. in 4 mos. (Lare-MI).

MALAGASY REPUBLIC: WYFR 11805 f/d "Three Decades of Faithful Service 1973-2003" cd. in 30 ds. w/ schedule, calendar and religious pamphlets. (D'Angelo-PA). **Radio Nederlands** 11655 f/d folder in 137 ds.

Reply was directly from the site. v/s Rahamefy Eddy, Technical Department, (Wood-TN).

MOLDOVA: Voice of Russia 9665 via Kishinyov f/d "60 Anniversary of the Great War" cd. in 37 ds. (Wood-MA).

RWANDA: Deutsche Wel-le 9695 via Kigali f/d "Sines Relay Station" cd. in 48 ds. v/s Horst Schotz. (Wood-MA).

for a FR rpt. (Price-PA). Nice QSL. Have not heard of too many of these lately...Sam

GERMANY: Radio Canada International 15360 via Wertachtal f/d cd. in 1 wk. for an e-mail rpt. (Renfrew-NY).

GREECE: Radio Liberty 15120 via Kavala f/d "Illuminate Your World" cd. in 122 ds. The reported QTH for this transmission is Thailand but the QSL came back as Kavala. (D'Angelo-PA).

GUATEMALA: Radio Verdad 4052 f/d cd. in 5 wks. w/ bumper sticker, station pennant, station articles and my prepared cd. The station also sent me a receipt for the \$1.00 I sent them! v/s Dr. Edgar Madrid, Manager and Director. E-mail addr: radio verdad@intelnett.com (Renfrew-NY).

ICELAND: Icelandic Broadcasting Corporation 12115 f/d cd. in 57 ds. for \$1.00, 1 IRC and an applause



DIRECTORATE GENERAL
ALL INDIA RADIO
Akashwadi Bhawan, Sansad Marg
New Delhi - 110001, INDIA

No. 3/1105. EB/2/103 Dated 20/12/05

Dear Sir/Madam

We gratefully acknowledge and confirm your Reception Report.

Date: 17/10/04 Frequency: 11620-11715 kHz
Time: 2106-2134 Station: Delhi/Bangalore
(UTC)

Yours faithfully

Director (Spectrum management & Synergy)
E-mail: spectrum_mn@airtel.org.in
Website: www.allindiaradio.gov.in



SAMUEL BARTO
78 BLAKEMAN ROAD
THOMPSTON CT 06787
USA

संसारवाणी प्रसारणकेंद्र
सुंदर नगर, नई दिल्ली-11
The General All India Radio
* All India Radio

SLOVAKIA: Radio Slovakia International 7230 p/d "Saint Martin's Cathedral" cd. in 120 ds. for 1 IRC and \$1.00. (Wood-TN).

SOUTH AFRICA: Trans World Radio 7215 via Meyer-ton f/d cd. in 96 ds. v/s Kathy Otto, Broadcast Planning. (D'Angelo-PA).

SRI LANKA: Deutsche Welle 15410 f/d cd. in 120 ds. v/s Horst Scholz, Transmission Management. (Wood-TN).

TURKEY: Voice of Turkey 5960 2 f/d cds. of "Sparrow Hawk" and "Istanbul Engraving" in 63 ds. for 1 IRC. (Brouillette-IL).

USA: Voice of America 13740 via Delano f/d cd. in 5 wks. (Barto-CT). 17565 via Greenville f/d cd. in 5 wks. (Barto-CT). 9575 f/d cd. in 6 wks. (Barto-CT). 15390 f/d cd. in 6 wks. (Barto-CT). 21555 (no site) cd. in 6 wks. (Barto-CT). 17725 cd. in 5 wks. (Barto-CT). **Radio Liberty** 12035 cd. in 3 mos. (Barto-CT). 12045 cd. in 1 mo. (Barto-CT). cd. in 6 wks. (Barto-CT). 7125 cd. in 2 mos. (Barto-CT). 15135 cd. in 3 mos. (Barto-CT). 7120 cd. in 5 wks. (Barto-CT). **WYFR** 9505, 6855, 9715, 7280 and 6095 f/d cd. in 1 mo. (Barto-CT). **Radio Taiwan International** 9355 via **WYFR** f/d "Taroko Tribe" cd. w/ schedule in 2 mos. (Barto-CT). 5950 and 15440 p/d cd. in 7 wks. w/ schedule and stickers. (Barto-CT). 5950 and 15440 p/d "Bamboo Lanterns" cd. in 6 wks. (Barto-CT). 9680 p/d "Night Market in Keelung" cd. in 2½ mos. (Barto-CT). **Radio Republica** 6010 p/d ltr. in 1½ mos. w/ station brochures. (Barto-CT).

USA (Pirates): WBMR 6925 e-mail p/d QSL w/ tastefully done artwork in

19 ds. for an e-mail report to: WBMRradio@hotmail.com (Wood-TN).



Enero 18, 2006

Estimado amigo/a:

Muchísimas gracias por reportarnos su audición a nuestra emisora de onda corta, radio República. Radio República es la voz del Directorio Democrático Cubano, una organización no lucrativa de derechos humanos, que lucha para que Cuba alcance su libertad y democracia por medios pacíficos. La programación nuestra es variada y ofrece al oyente cubano la alternativa de una radio de libre expresión, algo que ellos carecen en la isla, por tener un sistema de gobierno totalitario que solo permite la radio oficialista y ninguna privada.

Adjunto para su colección, le enviamos copia en Inglés de el periódico Miami New Times, sobre un artículo publicado en referencia a Radio República.

Espero que puedas continuar disfrutando de nuestra programación por lo que le describimos nuestros horarios y frecuencia para su conocimiento. Si en algo más le podemos ser útiles, no dejen de ponerse en contacto de nuevo con nosotros.

Otra vez, muchas gracias.
Directorio Democrático Cubano

Dear Sir/Madam:

Thank you for reporting your reception of Radio República. Therefore, enclosed please find for your records, clippings of articles published in the Miami New Times in relation to Radio República's programming.

Radio República is the voice of the Cuban Democratic Directorate, a human rights and non-profit organization that promotes the formation of the civil society and civic movements inside Cuba and work for democracy in Cuba by way of a civic, nonviolent struggle. Our programming is an alternative to the Cuban people who cannot listen and enjoy inside the island, a varied programming due to the strict censorship of Castro's Totalitarian radio system that no permits the existence of free and private radio stations.

We hope you can continue listening to Radio República in the future (see attached our transmissions schedule). If we can be of any further assistance, please do not hesitate to contact us again.

Again, thank you
Cuban Democratic Directorate

P.O. Box 110235, Hialeah, Florida 33011
www.directorio.org - email: info@directorio.org


Best of Dx'ing
Sam

Contributors' Page


Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty23@netzero.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, 200' Beverage
Jerry BERG, Lexington, MA	R8 19, 41, 90 meter dipoles
Mike BRANCO, Islip, NY	No equipment listed
Ralph BRANDI, Middletown, NJ	AOR7030, R8, 300' longwire, T2FD
William BROWN, Independence, MO	Drake R8B 168' LW
George CARAS, Saco, ME	RX340, R8B, Orion, R30, SE3, 550lw, verticals
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Jim EVANS, Germantown, TN	RX340, 30 m wire, R8B AN-LP1
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
George HERR, Playa del Rey, CA	G303e. R8B. 45' lw, Am Rad active antenna
Ron HOWARD, Monterey, CA	NRD545, LW 160'
Ron HOWARD, Shanghai, CHINA	etón E-5
Brian HUNT, Aiken, SC	Drake R8A, PAR antenna
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, T2FD,
Dale PARK, Honolulu, HI	Sangean ATS-818CS
Sheryl PASZKIEWICZ, Manitowoc, WI	ICOM R-8500, NRD345, AOR LA-350 loop
Jim RENFREW, Byron, NY	Drake R8B, 1000 bev w/ 100' wire, Quantum Phaser
Jim RONDA, Tulsa, OK	FRG-100B, FRG-7, Eavesdropper
Clem SHEMANSKI, Cape Fear, NC	Sat 700, Sony SW07, AN-LP2
Louis Crisler SMITH, Thurmont, MD	R-75, 160' long wire
Mark TAYLOR, Madison, WI	R-75, Sat 800, EWE, Eavesdropper
Joe WOOD, Gray, TN	DX-390, Grundig Mini 100 PE, whip antenna 

WWW Shortwave Listening Guide

Looking for programs to listen to? You can find what programs are on for the current hour or list programs of a desired type on a given day at the **www Shortwave Listening Guide** on NASWeb. Webmaster Ralph Brandi has updated almost four thousand entries in the database for the new broadcasting season. Visit the Guide on the new NASWA web site at <http://www.naswa.net/swlguide/>. 

NAS46b

Visit our newly redesigned and refreshed club home page on the World Wide Web at <http://www.naswa.net/>

Tropical Band Loggings

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- 2310 AUSTRALIA VL8A 1136-1141 EE interview with author; good 4/29. Also heard on VL8K 2485 and VL8T 2325, both fair. (Brown, MO)
- 2325 AUSTRALIA VL8T Tennant Creek 0939-0949 end EE nx re Indo violence, wx, "ABC News" ID 0940 and "ABC TV" promo. Music intro from "The Good, The Bad and The Ugly" and 2 M re "nationwide controversy" of some sort, pop music. Fair at t/in, fading rapidly after that. //2310-VL8A. 4/30. (Barbour-NH) 0920-0946 EE interview w/mx director; 0934 ABC News. 5/14. (Taylor-WI)
- 3185 USA WWRB 1037 M w/ "Last Trumpet Ministries". Fair 5/5. (Herr-CA)
- 3205 PNG R. W. Sepik 1132 M in lang; poor 4/26. (Herr-CA) 1145 M in dialect; good 4/22 - best PNG this month. (Brown, MO)
- 3220 ECUADOR HCJB 0913-0925 SS rel talk, mx; strong 4/9. (Brown, MO)
- 3234.8 PERU LV Sonido (P) 0915-0920 YL singing in SS w/Andean flutes; M talk in Quechua; fair 4/9. (Brown, MO)
- 3235 PNG R. W. N. Britain 1210-1218 W in Tok Pisin intors to mx selections; good 4/29. (Brown, MO)
- 3240 SWAZILAND TWR 0323-0335 in vern, S.Af. mx, ID 0330, M w/rel monologue; 4/5. (Caras, ME) 0340 rel pgm; F/P 5/13. (Ronda-OK)
- 3255 S. AFRICA BBC Meyerton 0331-0401 EE Af nx, ID 0345 in passing, poor 4/6. (Caras, ME)
- 3279.6 ECUADOR Voz del Napo/R. Maria 0919-0945 M SS anc, choir singing, tentative ID 0930; ranchero mx 0943. Fair 4/29. (Montgomery, PA) 3279.7 0839-0848 contemporary instl mx, into SS vocals by W; good 4/9. (Brown, MO)
- 3280 CHINA V. Pujiang 1204-1209 M&W w/CC nx items; good 4/29. (Brown, MO)
- 3291.15 GUYANA V. of Guyana in EE 0340-0402 anmts, several ments Georgetown, Elvis, mx, ID 0346 pgm previews, five min dead air then ballads, pips, BBC pgm, ID ToH, strong 4/5. (Caras, ME)
- 3291.2 GUYANA V. Guyana 0845-0900 Hindi rel svc; chants by W, into EZL EE vocals; M ID & time pips; good but fuzzy audio 4/9. (Brown, MO)
- 3291.4 GUYANA R. Guyana 2; 0910-0920, EE, W ID 0913 as "The Voice of Guyana"; mx pgm; ad 0914 of an up coming program; then M anc w/death anmt and song dedication, tune of Indian origin; excellent 4/29. (Montgomery, PA)
- 3320 N. KOREA Pyongyang 1147 martial mx; poor 4/22. (Brown, MO)
- 3320 S. AFRICA R. Songergrense 0335 with Afrikaans and English pop mx; anmts in Afrikaans; F/G 5/13, (Ronda-OK) 0400 morning pgm w/peppy pop music, female DJ in Afrikaans, news 0400, ID 0405, weather report included mention of the Northwest and Port Elizabeth. 4/22. (Renfrew-NY)
- 3325 PNG R. Bougainville 1216-1219 child's choir; fair 4/14. (Brown, MO)
- 3335 PNG R. E. Sepik 0943 discussion between man and women in lang. poor 5/13. (Herr-CA) 1148 chorus; F/P 4/22. (Brown, MO)
- 3345 PNG R. Northern (P) 0757 Sing-sing music, YL anc, low modulation, EZL version of "Strangers in the Night" 0855, news 0900 // Port Moresby on 4890 but fading out by this time; 5/13. (Brandt-NJ)
- 3385 PNG R. E. N. Britain 1003 M in Tok Pisin; poor 5/13. (Herr-CA) 1221 M EE intros, pop hits; F/G 4/14. (Brown, MO)
- 3905 PNG R. N. Ireland 1010 Male speaking in lang occ. short chant; fair 5/13. (Herr-CA) 1003 IS, W anc, then M in lang; poor 5/5. (Herr-CA)
- 3925 JAPAN Nikkei Radio 0934-0945 W JJ talk; poor 4/29 with // 6055 threshold. (D'Angelo-PA)
- 3944.77 VANUATU R. Vanuatu (p) 1011-1030 Vernacular, local mx; M&W banter; poor; 5/6. Also 0957-1012 ballads b/w M w/ "animated" religious sounding talk. Poor 5/7. (Barbour-NH)
- 3955 GERMANY WYFR Skelton 0443 GG; WYFR trumpets 0443 & 0459; 5/11. (Renfrew-NY)
- 3976 INDONESIA RRI Peltianak 1117-1120 pop & C&W mx. Signal at noise level, popping up just a few times in heavy ARO interference. Weakest signal of the group 5/13. (Jim Evans, TN) 3976.06, 1328 lively music show in lang M/F DJ's; good 5/6. (Herr-CA)
- 3987.04 INDONESIA RRI Manokwari 1329 Song in EE "Say That You Love Me", time pip TOH. Good. (Herr-CA)
- 4052 GUATEMALA R. Verdad 0356 gospel songs; SS ID 0359; F/P 5/12. (Ronda-OK)
- 4319 DIEGO GARCIA AFRTS 0004-0010 EE Sports nx: NBA, WNBA playoffs, golf, NASCAR, and baseball recaps. ABC nx. Soaring oil prices. Pols accuse Big Oil of price gouging. exc 5/1 (Crisler-Smith MD)

- 4330 CHINA *Xijiang PBS* (p) 1225-1231 exotic Kazakh style mx; fair 4/22. (Brown, MO)
- 4386.57 PERU *R. Imperio/R. Vision* (P) 0922-0936 SS, local mx, talk over music 0930, into rel svc w/YL simultaneously praying. Poor/rough copy 4/30. (Barbour-NH)
- 4386.6 PERU *R. Imperio* (T) 0944-1002 SS rel svc, M 0947 (tent) ID in passing; back to rel svc 0951; YL talk over at 0957 thru t/out; poor 5/2. (Barbour-NH)
- 4450 N. KOREA *Pyongyang* 1221 KK political talk; poor 4/22. (Brown, MO)
- 4604.95 INDONESIA *RRI Serui* 1116-1132 pop & C&W Indo mx; 1130 M ID, talk; good 5/13. (Evans, TN) 4604.96, 1029 II pop mx; fair 5/5. (Herr-CA) 4605, 1201-1205 South Seas mx by YL; very good 4/22. (Brown, MO)
- 4716.82 BOLIVIA *R. Yura* (P) 0111-0140 SS(?), mx at t/in, brief YL in SS then continuous music thru t/out; poor 4/18. (Barbour-NH)
- 4750 INDONESIA *RRI Makassar* 1106-1132 talk by M (probably news) in Bahasa, mention of Indo, then pop & C&W Indo mx; poor 5/13. (Evans, TN)
- 4754.9 BRAZIL *R. Educação Rural* Campo Grande 0922-0925 pop mx, M PP anc; poor 5/13. (Evans, TN)
- 4759.98 LIBERIA *ELWA* 2225 EE talk, "Thanks for listening", ID, mention of Liberia, Liberian NA; QRM from swooper, but not too badly at this hour; 5/6. (Brandi-NJ) 4760, 2240-2300* EE, mix of choral/hi-life music; whisper-quiet M at 2259 w/ s/off anmts, then; poor 4/17. (Barbour-NH)
- 4770 NIGERIA *RN-Kaduna* 2243-2301* EE/Vernacular-?; pop/rap mx, nx headlines 2255, music bit 2259 w/ s/off ant & NA; poor 5/5. (Barbour-NH) 0533-0540 M in EE w/ Hi Life mx; good 4/14. (Brown, MO)
- 4774.95 SWAZILAND *TWR* 0406 GG by W, freq hymns. good //3199.96; poor 5/11. (Herr-CA)
- 4775 PERU *R. Tarma* 0220-0259* two M SS talk & futbol coverage; ID & s/off anmts 0257, soft instl mx till carrier cut; P/F 4/20. (D'Angelo-PA)
- 4777 GABON *RTV Gabonaise* 0538-0545 FF M anc, 1960s DooWop mx in EE; good but het 4/14. (Brown, MO)
- 4779.97 GUATEMALA *R. Cultural* 1024 SS mx; fair 5/5. (Herr-CA)
- 4789.97 INDONESIA *RRI Fak Fak* 1112-1132 pop & C&W mx with a unique Indonesian flavor; poor 5/13. (Evans, TN) 4790.06, 1127 mx w/ME sound announcer in lang; fair 4/26. (Herr-CA)
- 4795 BRAZIL *Rdif Aquidauana* 0013-0020 non-stop ballads: voice over acoustic guitars; swisher too. P/F 5/1. (CrislerSmith MD)
- 4796.53 BOLIVIA *R. Maliku* 0051-0108* M SS brief talks b/w ballads; canned ID anmt at s/off. Poor w/sweeper QRM 4/30. (Barbour-NH)
- 4819.6 HONDURAS *HRNC, La Voz Evangelica* 1022 SS call in talk show; poor 5/5. (Herr-CA)
- 4835 AUSTRALIA *VLBA* Alice Springs 0818-0829* soccer w/2 M EE anc; good 4/9. (Brown, MO)
- 4845.2 BRAZIL *R. Cultura Ondas Tropicais* 0151-0203* BRZ pop vocals; PP ID & fgy anmt by M; group singing; poor 4/20. (D'Angelo-PA)
- 4870.9 INDONESIA *RRI Sorong* (T) 1018 music show; listed as 4870.6 in Tropical Band List; fair 5/13. (Herr-CA)
- 4885 BRAZIL *R. Clube de Para* Belem 0128 lots of music, ID, anmts onda media & onda tropical frequencies, and "Belem, Para, Brasil", steady signal for the hour that I listened; 4/20. (Renfrew-NY) 0613-0619 PP echo ID by M; into BRZ pops; good 4/14. (Brown, MO)
- 4890 PNG *NBC Port Moresby* 1335 5/6 Music at noise level; poor 5/6. (Herr-CA) 1118 mx, M DJ; poor 4/26. (Herr-CA)
- 4909.3 ECUADOR *R. Chaskis* (P) 0403-0422 man talking- maybe Spanish, maybe Quechua but poor audio with echo effect alternating with instrumental music; poor 4/17. (D'Angelo-PA) 0315-0335 local pop mx; short anmts by M 0325 & 0330; poor audio on anmts; poor 5/4. (Jim Evans, TN)
- 4910 ZAMBIA *R. Zambia-ZNBC* 0305-0325 Afr pop mx, M anc in vern; good 4/19. (Jim Evans, TN)
- 4915 BRAZIL *CBN Anhanguera* Goiania 0100-0200* PP talk; ments of Anhanguera; brief mx breaks; strong, but mixing with a slightly weaker R.Difusora Macapa; fair on// 11829.94v & weak on H 6080; 4/8. (Alexander-PA)
- 4915 GHANA *R. Ghana* 0551 M in dialect; fair 4/14 co-channel BRZ. (Brown, MO)
- 4915.04 BRAZIL *R. Difusora Macapa* 0200-0215+ good signal after Anhanguera signs off 0200. PP talk, Brazilian ballads, ID; good 4/8. (Alexander-PA) 0425-0440 lively pop mx, M w/short PP anmts; M clear ID 0434; good 5/7. (Evans, TN) 0036-0127 PP soccer cmtry by two M, no ID; abrupt s/off 0127 at end of game w/no ID heard. Not usual for Difusora, but most likely of stations on the frequency at this time. Very good. (Taylor-WI)
- 4920 INDIA *AIR Chennai* 1228-1231 YL w/EE nx, M in Hindi; fair 4/14. (Brown, MO)
- 4924.86 BRAZIL *Rdif Taubate* 0157-0200 PP; no ID heard due to noise; off at 0200; 5/11. (Renfrew-NY)

- 4925 **INDONESIA RRI Jambi** 1332 Indonesian music with m ancr; fair 5/6. (Herr-CA)
- 4930 **BOTSWANA VOA** 0417-0430. "Daybreak Africa" pgm w/M ancr; Afr nx & cmtry; parallels noted on 4960 (SAO) & 9575 (GVL); poor 4/19. (Jim Evans, TN) 0430 VOA EE pgm 4/25. (Renfrew-NY)
- 4940 **CHINA V. of the Straight** 1225-1231 M in CC w/mx bridges between items; good 4/8. (Brown, MO)
- 4950 **PERU R. Madre de Dios (P)** 0032-0102 M w/lengthy SS talks, brief music bits; canned anmts/ad string at 0046, music 0051, M and various ancrs thru 0100; poor, no discernible ID noted, 4/29. (Barbour-NH)
- 4960 **SÃO TOME VOA** 0417-0430 Daybreak Africa pgm w/M ancr; Afr nx & cmtry; good 4/19. (Jim Evans, TN)
- 4965 **ZAMBIA R. Christian Voice** 0310-0330 talk by man in apparent EE, occasionally rising above the noise level. Very poor signal with heavy fading 4/19. (Jim Evans, TN)
- 4976 **UGANDA R. Uganda** 0330-0340 talk by man in apparent EE, then pop ballad music; poor 4/19. (Jim Evans, TN)
- 4985 **BRAZIL R. Brasil Central** Gioas 2352 mx pgm; mention Ministry of Education & the state of Gioas; frequent canned IDs // 11815, with both about the same strength; 4/23. (Renfrew-NY) 0020-0040+ PP anmts, ads, jingles, PP/US pop mx including a Neil Diamond tune. H 11815 - both freqs fair, 5/1. (Alexander-PA) 0040-0055 PP, ballads & upbeat vocals, brief talk by W; ID jingle 0045; good 5/12. (Taylor-WI) 0004-0018 PP talk, pop mx, nice ID 0010 then banter b/w ancrs, music. F/P 4/18. (Barbour-NH)
- 5005 **EQ.GUINEA R. Nacional** Bata *0458-0515+ S/on with NA; hi-life mx 0502. SS talk; fair 5/1. (Alexander-PA) 2259* - presumed, with a preacher (and I nodded off), only to revive upon hearing an anthem at the end of the transmission; 4/23. (Renfrew-NY) 0612 SS, hilife mx; good 4/14. (Brown, MO)
- 5005.1 **NEPAL R. Nepal** (T) 1242 Asian sounding chorus, flutes; poor w/het & UTE 4/8. (Brown, MO)
- 5010 **INDIA AIR Thiruvananthapuram** 1235-1242 W w/EE nx, into Hindi correspondent; het & UTE QRM 4/8. (Brown, MO)
- 5014.38 **PERU R. Atura** 1017 M in SS; fair 5/5. (Herr-CA)
- 5019.9 **SOLOMON ISLANDS SIBC** 1015 M EE ancr; poor. (Herr-CA) 5020, 1304 EE BBC correspondent; fair 4/22. (Brown, MO)
- 5025 **CUBA R. Rebelde** 2307 with 1970's disco music in EE, SS ancr; VG 5/13. (Wood, TN)
- 5030 **BURKINA FASO R. Burkina** *0558-0615+ s/on w/NA; opening FF anmts 0600; Afro-pops 0602; FF talk; mixing w/ University Network. Both in at equal level; 4/8. (Alexander-PA) 0018-0042 FF, apparently running past listed 0000* w/ continuous banter b/w 2 OM & occasional YL w/ a few mentions of "Ougadougou". Fair w/ occasional 5025-Rebelde slop 4/21. (Barbour-NH) 2325 - strong, steady signal, a flurry of "RTB" IDs. The "Burkina" pronunciation seemed to accent the last syllable. 4/23. (Renfrew-NY)
- 5035 **USA WEWN** surprised to find them here 0355, ID 0400 and continuing, strong; both DBS and EiBi show them here at 0000-0500. 5/14. (Berg-MA)
- 5045 **BRAZIL R. Guaraja Paulista** 0740 caught tail end of PP ID by M; fair 4/14. (Brown, MO)
- 5050 **USA WWRB** Manchester, TN 2310 pgm w/very conservative rhetoric dealing with the catastrophic breakdown of civilization and how to survive in dire times by purchasing books and videos available for nominal fees. VG 5/13. (Wood, TN)
- 5470 **LIBERIA R. Veritas** 2228-2242 EE, reggae mx & ballads w/M remarking on song lyrics. Mentioned 97.8 FM at 2240; poor 5/5. (Barbour-NH)
- 5890 **USA R. Thailand** Greenville *0030 EE; s/on in the middle of a sentence mentioning FM frequencies, then into business news; 5/13. (Renfrew-NY) 0045-0102 EE nx, sports, Special Report (interview with Cultural Dept. at French Embassy, Upcoming Events (Coronation Day. Royal Thai Army celebrates His Majesty's Coronation), Wx (Bangkok temp - 26.36C; t'storms forecasted in N, NE and E). M&W ancrs. Fair-mod. strong signal. Music, chimes 0100, M ancr in Thai (?). 5/5 (Shemanski-NC)

NASWA

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International Band Loggings

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- 6010 CANADA *R Sweden* relay in EG 0233, nx, Swedes do not want to be involved w/the EU since they want to be a peaceful nation, not in favor of U.S. foreign policy, fair (Hunt SC 5/15)
- 6010 MEXICO *XEOI Radio Mil* in SP 0730, tlk, ment Chihuahua, Mexico, Viva Mexico, IDs, ads, and onda corta (Paszkievicz WI 5/23)
- 6035 COLOMBIA *LV del Guaviare* in SP 0240, anmts, IDs, mx, off w/NA 0304*, poor (Alexander PA 5/6)
- 6080 AUSTRALIA *ABC via R Australia* 1403, world and sports nx, IDs, "Saturday Night Country" with DJ Johnno playing C&W songs, fair, //7240 good (Howard CA 6/10)
- 6080 SAO TOME *VOA* relay in EG 0613, ID, "Music Mix", young adults mx, fair (Wood TN 6/10)
- 6090v BRAZIL *R Bandeirantes* São Paulo in PT 0545, PT and US pop mx/ballads, //9645 (Alexander 5/14)
- 61398 COLOMBIA *R Lider* Bogota in SP 0228, YL w/local nx, weak (Hunt SC 5/15) in SP 0600, ID, nx, romantic SP ballads, fair w/QRM splatter from Deut Welle on 6140 (Alexander PA 5/29)
- 6160 CANADA *CKZN* St. Johns, Newfoundland in EG 0245, classical mx, CBC ID, "Northern Lights" feature, ancmts, "CBC Radio Overnight", nx, fair (Taylor WI 6/6, D'Angelo PA 6/9)
- 6190 GERMANY *Deutschlandfunk* Berlin in GM 0045, pgm of very nice classical mx, pips 0100, nx, YL with canned ID, fair to poor (Barbour NH 6/11)
- 61934 PERU *R Cusco* in SP 0205, OA folk mx, anmts, abrupt s/off 0214, fair (Alexander PA 5/5)
- 7110 ETHIOPIA *R Ethiopia* Addis Ababa in Vern 0417, tlk by excited YL, p, //9704, vp (Evans TN 6/10)
- 7145 NEW ZEALAND *RNZI* in EG 1130, "Mailbag" w/Bryan Clark, tropical DX summary, rpts on RNZIs DRM broadcasts, Shania Twain w/ "Still the One", good (Park HI 6/12)
- 7200 SUDAN *R Omdurman* in AR 0258, tlks, toh 4 pips, fanfare, ID, nx, mx (Taylor WI, Barbour NH)
- 7210 BELARUS *R Belarus* Minsk in GM/Belarus 0215, RS ballads, GM tlks, IS, ID, p (Barbour NH 5/18)
- 7250 ARMENIA *V of Russia* relay via Yerevan in EG 0109, YL reporter re US in the process of having diplomatic relations w/Libya, fair (Hunt SC 5/15)
- 7265 ROMANIA *RRI* Galbeni in EG 2315, historical retrospective of 1945 Soviet invasion, communist party, military regime, Romanian travelog feature (Branco NY 5/30)
- 7270 MALAYSIA *Wai FM* relay via Kuching, Sarawak in Iban 0457, C&W mx, nx, ID, g (Taylor WI 5/31)
- 7365 ARMENIA *FEBE* relay via Yerevan in Tamil 0032, continuous Hindi-type mx w/brief YL comments b/w selections, ID 0045, "Techno" instrumental bit 0100 w/tlk over, fair (Barbour NH 6/9)
- 9440 CZECH REPUBLIC *R Prague* in EG 0011, nx, motorcycle company in CZ Republic has lost over nine million dollars due to copy cats in China, tlks with China planned in July, g (Hunt SC 5/15)
- 9525 ASCENSION ISLAND *Star Radio* (Liberia) relay in EG 0703, tlk re the Truth and Reconciliation Commission, local mx, fair to good (Brandi NJ 5/21) in EG 0801, nx interview, 30 people arrested due to a murder, local need for trained teachers, people trying to contact relatives in USA, f (Hunt SC 5/3)
- 9525 INDONESIA *V of Indonesia* Jakarta in IN 1342, light IN songs, nx from Jakarta, NA at 1401 s/off, f (Howard CHINA 6/6) in IN 0945, local mx, econ/world nx, covered by QRM 1400 (Howard CA 6/10)
- 9580 GABON *Africa #1* in FR 2156, "Flashback", B.B. King black mx for 20 min, p (Hunt SC 5/24)
- 9580 AUSTRALIA *RA* in EG 0910, nx, 113 people killed on Armenia airline crash, interest rates are rising in Australia, g (Hunt SC 5/3) in EG 1145, "PM" report, hospital care is so bad that in rural sections, adults are going to children's hospitals, good (Fraser ME 5/11)
- 9590 UNITED KINGDOM *R Vlaanderen Int* (Belgium) relay via Skelton in DT 0715, OM/YL tlks over mx, Pointer Sisters song in EG, interview, field rpts, SP mx, fair (Barbour NH 6/5)
- 9675 GERMANY *IBRA* relay via Juelich in Vern 1912, OM w/lengthy relig tlks, native mx, contemporary instrumentals, techno mx, ID, choral mx, more talk, fair (Barbour NH 6/5)
- 9680 INDONESIA *RRI* Jakarta in EG 1003, KGRE pgm #5110 re unique animals (Australian sugar glider and Indonesian komodo dragon), songs "Walking the County" etc, fair (Howard CA 6/11)
- 9700 RWANDA *Deut Welle* relay Kigali in EG 0500, over 150 killed in oil fire at Lagos, Nigeria, Uganda president elected in March by 60% vote, exc (Hunt SC 5/12)
- 9725 AUSTRIA *V of Vietnam* relay via Moosbrunn in FR/RS 1852, FR tlks and sound bites, ballad, ID and Hanoi address, s/off for 3 mins and into RS service via UK relay w/weaker signal (Barbour NH 6/5)

- 97795 **YEMEN** *Repub of Yemen Radio* Sanaa in AR *0256, ID, fqy, tlks, ME mx, QRM, p (D'Angelo 5/24)
- 9785 **TURKEY** *VOT* in EG 1850, "Turkish Album" featuring glass and porcelain making, g (Fraser 5/12)
- 9830 **TURKEY** *VOT* in EG 2205, topics discussion, high interest rates, Turkey's membership in the EU, farming, contest promo (Branco NY 6/3) in EG 2235, traditional ballad style TK mx, tlc re Troy, mx, ID 2249, sked, IS and off at 2257, f-g (Evans TN 6/3)
- 9880 **RUSSIA** *V of Russia* relay via Armavir in EG 0406, nx of relations b/w the Orthodox Church in the USA and Russia, also rescue mission by a Russian icebreaker in Barents Sea, g (Wood TN 5/27)
- 9970 **BELGIUM** *RTBF* Wavre in EG/FR 0433, pgm of pop mx in EG/FR, ancmts in FR, mx by Sly and the Family Stone, Tina Turner and others, vg (Wood TN 5/27)
- 11610 **CHINA** *CRI* via Xian in EG 1021, pgm of bamboo flute mx, ID in passing 1037, f (Taylor WI 6/3)
- 11620 **INDIA** *AIR* Bangalore in EG 2210, tlc re Sri Lanka, YL on life styles and the environment, ID, local pop mx, sked, s/off ancmts 2229, good, //11715, 9910 (Evans TN 6/3) in EG 2047, rpt on terrorism, local mx, nx 2100, Iran's leader warns abt fuel shipments, sports rpt, vg (Shemanski NC 6/4)
- 11655 **NETHERLANDS** *R Nederlands* Flevo in EG 1930, rpts on earthquake relief for Indonesia, looting at UN food program site, Afghanistan events (Branco NY 5/29)
- 11675 **RUSSIA** *V of Russia* relay via Armavir in EG 1715, "Music & Musicians", sacred and classical Easter music, good signal (Fraser ME 5/14)
- 11715 **INDIA** *AIR* Panaji Goa in EG 2147, HD mx pgm at t/in, feature "India Ahead" re TB vaccinations and prevention, nx 2200, Indian student protests, IDs, fair (Barbour NH 5/16)
- 11760 **CUBA** *RHC* Havana in EG 2100, nx, DX Unlimited, Arnie's radio equipm't featured (Fraser ME 5/13)
- 11805 **BRAZIL** *R Brasil Central* Rio de Janeiro in PT 0015, talk, futbol coverage, ad string 0018 followed by a nice ID mentioning mx and nx, fair to good (D'Angelo PA 5/24)
- 11880 **AUSTRALIA** *ABC National Radio* relay via RA in EG 0939, "Australia Talks Back" re a proposal for Queensland to merge political parties into one party, on-air phone calls, IDs, promo for "Late Night Live" later on, ToH ID for Radio Australia and nx (Howard CHINA 5/30)
- 11990 **CANADA** *RCI* via Sackville, NB in SP *0000, interviews, nx re peace-keeping missions, Colombian politics, elections in Argentina, Afghanistan (Branco NY 5/31)
- 12000 **ECUADOR** *HCJB* Quito in SP 2202, Preacher Swindoll w/sermon, fair (Hunt SC 5/10)
- 12095 **PHILIPPINES** *FEBC* Manila in Khmu dialect 1046, ballads, YL talks cut off for IS 1059, one minute s/off and back on 1100 in Vern with much reduced signal, fair until 1100 (Barbour NH 5/17)
- 12115 **ICELAND** *RUV Ríkisutvarpid* in IC 2317, nx, EG soundbites w/translation, ID, f-g (Barbour NH 5/18)
- 13755 **IRAN** *VOIRI* Kamalabad in FR 1847, tlks, pop mx bridges, fair, //15085 poor (Evans TN 5/24)
- 15120 **NIGERIA** *V of Nigeria* Ikorodu in EG 0508-0625, t/in to EG nx, IDs, "Talking Drums", more nx 0600 w/tlc about economics in Nigeria, fair-weak but in quiet condx (Alexander PA 5/26)
- 15130 **GERMANY** *AWR Voice of Hope* relay via Juelich in AR 1900, long sermon and relig pgm w/hymns, mentioned Sri Lanka, ID (Branco NY 5/29)
- 15140 **OMAN** *R Sultanate of Oman* in AR 2147, dramatic discussion, ancmts, YL w/vocal, Big Ben type bells at 2200 followed by a gong and ID, nx, carrier cut cut in mid-sentence, f-g (D'Angelo PA 5/29) in AR 1535, YL and OM talking, Mideast mx, IS at 1600 (Caras ME 5/25)
- 151498 **INDONESIA** *V of Indonesia* Jakarta in EG 2040, ID, feature re preparing bamboo for use as a musical instrument, nice xylophone-like mx in background, local mx, nx 2055, s/off 2100, poor due to QRM from WYFR 15155 (D'Angelo PA 5/17) in SP 1715, into GM 1800, and FR 1900, fair signal at t/in but improved by 1800, weaker by the time pgm in EG started at 2000 (Berg MA 5/20)
- 15160 **AUSTRALIA** *RA* in EG 0507, Australian rules football coverage, repeated mentions of the sartorial splendor of the umpire and the panache with which he wore his bowler, g, //15240 (Wood TN 6/10)
- 15190 **PHILIPPINES** *R Pilipinas* via Tinang in Tagalog 1741-1830, nx, political cmntry on constitutional convention, many IDs, good (Howard CHINA 5/25)
- 15190 **EQUATORIAL GUINEA** *R East Africa* in EG 0800-0900+, t/in to US produced relig programming, IDs, Cupertino, CA address, Evangelical tlc w/"Peoples' Gospel Hour", vg (Alexander PA 5/20) Radio Africa No. 2 ID for southern Africa at 0930, usual EG relig pgm, Mozambique address, web-site, QRM at 1000 from China R Int s/on, reception fairly decent up to then (Berg MA 5/27)
- 15240 **SWEDEN** *R Sweden* Hoerby in EG 1242, show featuring lifestyles of the 1960's, mentions of cooking and popular mx, vg (Wood TX 5/20) in EG 1250, comntry re the official attempts at racial purity in Sweden in the 1920's, vg (Fraser ME 5/17)

- 15270 **PHILIPPINES R Pilipinas** via Tinang in EG 0235, feature "Where in the Philippines, travel pgm with suggestions about visiting certain islands, fair w/QRM from CNR Beijing 2 (Howard CHINA 6/2)
- 15285nf **TAIWAN R Taiwan Int** in CH 1110-1200, apparently a new, unlisted fqy, lots of alternating exchanges b/w YL and OM, ads or promos, signature tune at 1130, 1140, and 1200 (5+1 pips also at ToH), ment'd "Teachers Guide" w/some EG interview snippets, good signal, lots of //s (Renfrew NY)
- 15325 **PHILIPPINES FEBC Manila** in EG *0950-1029*, IS, ID loop, "Haven Today" w/Charles Morris, relig pgm and songs presumably produced in Southern California, good (Howard CHINA 5/29)
- 15355 **OMAN R Sultanate of Oman** Thumrait in AR 2250, Aramaic mx, Westminster chimes at ToH followed by OM in AR, ID, poor to fair signal (Herr CA 5/28)
- 15390 **FRENCH GUIANA BBC** relay in EG *2100, "News for the Caribbean", good signal (Hunt SC 5/24)
- 15410 **INDIA AIR GOS Delhi** in EG 1030, "Faithfully Yours" reading reception rpts from Germany and Italy Richard Parker's rpt from PA and Chris Lewis' from England, good (Howard CHINA 5/29)
- 15410 **MOROCCO VOA** relay in EG 1850, discussion of China's trade presence in Africa (Fraser ME 5/16)
- 15410 **MADAGASCAR Deut Welle** relay in EG 0517, tlk on racial equality and Sudanese business man's dealings with European business partners, good (Wood TN 6/10)
- 15420 **SEYCHELLES BBC** relay in EG 1351, interviews, ID, into Somali lang 1400 (Caras ME 5/25) in EG 0522, headline nx followed by a pgm featuring pipe organ mx, poor (Wood TN 6/10)
- 15475 **GABON Africa #1 Moyabi** in FR 1605-1710, ID, promos, talks, mx (Caras ME 5/20) in FR 1745, contemporary pop mx selections/funk mx, wild celebration "Afric", jingles (Branco NY 6/3)
- 15495 **KUWAIT R Kuwait** in AR 0211-0308, Qur'an recitation, ID, long talk about Mohammad at 0230, more Qur'an recitations until YL gave ID at 0259, 5+1 pips, fanfare and nx, f (D'Angelo PA 5/25)
- 15510 **PHILIPPINES R Pilipinas** via Tinang in EG *0200, IS, news re Filipino education system and econ growth bill, promo for "Philippine History" pgm, more nx on local politics, poor (Barbour NH 6/6)
- 15540 **NETHERLAND ANTILLES R Boskopoe** via RN-Bonaire relaying a local public radio FM station due to flooding in Surinam, *2059, opened with RN IS and ID, into local pgm, all talk mostly in Sranan Tongo and less in DT, brief drumming, definite R Boskopoe ID 2151, off 2153* (Berg MA 5/18)
- 15720 **NEW ZEALAND RNZI** in EG 0313-0346, "Dateline Pacific", ID, sports feature (D'Angelo PA 5/19)
- 17810 **ASCENSION ISLAND U.N. Radio** relay in EG *1700-1745*, nx, Japan is 2nd largest contributor to the UN and wants a position on the Security Council, also rpts on Liberia's first woman president and the struggles she has inherited, g, //15495-UK (Hunt SC 5/17, D'Angelo PA 5/9)

Clandestine/Opposition Stations

- 9905 **MADAGASCAR R Nile** (Sudan) relay in EG 0403-0457*, local Afro mx, ID, talks re international aid services and stress management, abrupt s/off, //12060 (Alexander PA, Wood TN) Sat thru Tues only
- 15515 **UNITED KINGDOM Darfur Salaam** relay via Wooferton in AR 1710-1729*, tlks in AR, flute and string instrum'ls, two mentions of pgm name and BBC at s/off, good, //17585 (D'Angelo PA 5/29)

Digital Reception

- 7320D **UNITED KINGDOM BBC** Rampisham in EG 0603, nx re New Orleans election, Iraq govt, marches in Jakarta, "The World Today", spotty audio, about 60%, S/N 16-21 dB, 21 kbps (Brandi NJ 5/21) **SIU**

FRENDX: Twenty-Five Years Ago (July 1981)

The Voice of America was recruiting full time personnel to work in the Frequency Division. The 1981 edition of the *NASWA Membership Directory* was at the printer and would be made available to members for \$1.50. *ATH Africa*, dealing with African DX news, was available for us\$18.00 and was issued every 10 days. The *Shortwave Center*, edited by John Moritz, featured "Cuban Clandestines" by Gerry L. Dexter, *English Language Broadcasts to North America* by Roger Legge and a plea by JJ for Charlie Loudenboomer to get in touch. Bill Taylor's *Vintage Vignettes* featured Henry Shaw and the National "AGS." In the *QSL Report*, Sam Barto noted that "only" 114 countries were reported in July with several common countries missing. Sam noted that over 6,000 items were available for the HAP auction at the NEADX0-81 gathering. In *Log Report "B"*, editor Jerry Berg notes Bolivians on 4945, 6025 and 6105 and Peruvians on 6115, 6175, 6190 and 6195.

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The following items are available through the Company Store. Shipping is extra as noted.

Publications

Shortwave Listening Guidebook by Harry Helms. A beginners guide to shortwave listening covering equipment and more.	\$19.95 +2.00 s/h US +4.00 s/h Can.
Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +2.00 s/h US +4.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +2.00 s/h US +4.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.00 s/h US +8.00 s/h Can.
Passport to Worldband Radio 2005 Great source of information about shortwave stations, frequencies in use and schedules.	\$20.95 +4.00 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2005 Long considered to be the bible for shortwave listeners.	\$27.95 +4.00 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic published between 1988 and 1995. Choose from 1) 5 page abridged version with article titles or 2) 20 page deluxe version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
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