

# SHORTWAVE BULLETIN

Nummer: 1513, 15 juni 2003. Deadline nästa nr: 27/6 2003 (E-mail 29/6 kl. 0900 SNT)

Till detta nummer kan vi återigen hälsa en ny medlem välkommen, denna gång från Italien. Det finns en grupp DX-are där nere som är aktiva och som står utanför det i övrigt trista som ofta förknippas med italiensk DX-ing.

På HCDX kan man ibland se hur olika konditionerna är mellan nord- och Sydeuropa. Stationer som Vanuatu och Solomon Islands hörs ofta flera veckor tidigare där nere på höstkällarna. Dessutom har man hört stationer på MV från Centralamerika på helt andra tider än vad vi är vana vid.

Antalet bidrag har nått en kritisk nivå för att det skall vara intressant att ge ut 14-dagars bulletiner. För att kunna hålla en någorlunda standard krävs faktiskt att även fler än de vanliga tappra hör av sig med lite loggningar eller annan trevlig info. Om inte annat så några korta rader så att vi vet att ni lever ....

Det är faktiskt inte så inspirerande att sätta sig och skriva ihop en bulle med bara 6-7 bidragsgivare!!

Keep on ....

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## SWB-info

SWB online på HCDX: <http://www.hard-core-dx.com/swb>  
SWB old archive: <http://www.algonet.se/~ahk/swbhome.html>  
SWB hot stuff: <http://homepage.sverige.net/~a-0901/> (på denna sajt ligger alltid senaste SWB).  
SWB member information: <http://www.hard-core-dx.com/swb/member.htm>  
Jubileumstidskriften: <http://homepage.sverige.net/~a-0901/> (html- + pdf-version).

## QSL, kommentarer, mm.

Once again we are pleased to welcome a new member, this time from Italy.

**Giampaolo Galassi** is a member of the Faiallo group which includes among others Enrico Oliva, Andrea Lawendel, Rocco Cotroneo, Renato Bruni, Fabrizio Magrone and a few others more. The group have contacts on a DXing and old friendship basis and are not organized in any official club but run the Faiallo and Radioascolto.org sites (<http://www.faiallo.org> and <http://radioascolto.org>).

**Giampaolo Galassi:** Hello to everybody, I am into DXing since 1974 and - being born in June 1961 should be more or less in your club's age range. It's with pleasure that I begin this co-operation with you and I hope to be worthy of the high quality standards which always characterized your bulletin along the years. My shack setup is composed by a NRD 515 and an Icom R70, both Eska modified, a 60 m LW and a Wellbrook ALA100 5x8 metres loop as antennas.

*(Very welcome to SWB and of course we hope to see lots of loggings and also other information from the Italian DX-scene. /ed)*

**Jan Edh:** Det var åter en kväll med extremt selektiva (åtminstone till att börja med) konditioner i Fredriksfors. Under första delen av kvällen gick bara Afrikaantennen, inklusive att 120 mb-australierna gick på den. Inga MV-europeer förutom Italien och några balter, men däremot Arutz Sheva. Också t ex Free Africa 1377 redan 21.30 (svensk sommartid) men inte ett ljud från Frankrike... En timme senare hade det svängt. Då dominerade tyskar, fransmän och östeuropeer med flera igen, någon britt och spanjor började också höras. Och ännu senare kom även en del LA på både KV och MV, men där var styrkorna alldeles för klena. På KV gick inget att läsa vid sidan av ett par brassar, på MV var det vara 1470 Cristal som var läsbart uppe.

**Christer Brunström:** Radio Pridnestrovia, Tiraspol 5965 brev undertecknat av hela fyra personer. Dessutom har det kommit två snygga kort från Radio Pakistan. Först ett QSL-tillägg: Deutsche Welle 6140 jubileumskort avbildande fyra tidigare QSL-kort. DW fyller ju 50 i år. Annars börjar min semester imorgon. Hoppas det nu blir bättre tid till lyssning vilket inte varit fallet den senaste tiden.

**Lars Erik Svensson:** Under denna veckan har kondsen dalat betydligt. Får hoppas det vänder och kommer upp till samma styrka som det var dessförinnan. Kommer att börja min semester på måndag så jag hoppas på bra konditioner de dagar jag är hemma. Hoppas MV kommer, har redan hört några brassar och hoppas på fler! Ha det så skönt!

**Rolf Åhman:** Några QSL att glädjas åt har kommit: HCJB Kununurra-11770 med brev. Radio Litoral-4832 med kort och information. Radio Verdad-4052,5 med kort, pappersstandar, kalender, brev och kvitto på medsänd dollarsedel efter bara 3 veckor. Trevlig midsommar!

**Dan Olsson:** Skickar en försommarhälsning ifrån ett sommarfagert Furulund. De sista veckorna har jag inte lyssnat så mycket på radio, bara ett par tafatt försök att höra AFRTS/Island men de har inte hörts här hemma då det är för mycket knaster. Som tröst har en hel del QSL inkommit den senaste tiden. bl.a. följande: R Bayliner 6307 e-brev, R Macedonia 4890 e-brev, Swinging Radio England 6276 e-brev och WBOH 5920 kort, dekal och info.

Det som annars har glatt mest är att jag efter sex försök äntligen fått WHDP på American Virgin Island. När de nu äntligen svarade kom det tre svar samma dag!! Till sist önskar jag alla SWB:are en trevlig midsommar.

Eftersom det ser ut att bli lite plats över, passar jag på att tacka för alla midsommarhälsningar och önska er alla också en trevlig midsommar.

Vi skall själv träffa det gamla Bjuvs-gänget som nästan mangrant samlats varje midsommar sedan slutet på 60-talet. Första midsommarsammankomsten var på campingplatsen i Ystads Sandskog i underbart fint väder och i full kamp med mygg, nya potatis, sill och snaps mm.

Alltså ut och njut i fulla drag av den fantastiska svenska midsommaren!

## LOGGEN - ALL TIMES ARE UTC

2310	3.6	1930	<b>Australien</b> (också 2325 och 2485) gick på Afrikaantennen denna stödda kväll. QSA 2 JE/RFK
3287.7	3.6	1855	<b>Malagasy</b> // 5010 men sämre styrka (QSA 2) JE/RFK
4746.9	12.6	0055	<b>R.Huanta 2000</b> , Huanta, OM S footbal comentario 2-3 GAL
4810	3.6	1925	<b>Armenien</b> envisas med utlandsprogram här. Tyska. QSA 4 JE/RFK
4855.8	3.6	2305	<b>R. La Hora</b> , Cuzco, long OM tlks 3 GAL
4869.9	3.6	2030	<b>RRI Wamena</b> men bara tentativt och bara svagt och mycket sprak med musik. Svag indones (?) också på 3905. JE/RFK
4950	3.6	1850	<b>Angola</b> med fotboll. 18.58 kom VOA inför starten, men det var Angola som var den starkare även då. QSA 3-4 JE/RFK
4975	7.6	0415	<b>R. Del Pacifico</b> , Lima YL rel. quite regular in the morning 3 GAL
4975	3.6	2315	<b>R. Del Pacifico</b> , Lima, rel. pr. about "la palabra de Dios", Id "siempre en sintonia con Radio Del Pacifico" 3 GAL
5010	3.6	1850	<b>Malagasy</b> med härlig musik (blandning av "söderhavs" och västerländskt) och härlig styrka (QSA 4). Verkar ligga exakt i frekvens nu. JE/RFK
5015	7.6	-0403	<b>R. Pioneira</b> , Teresina, advs and jingles 3 GAL
5050,1	3.6	1900	<b>Tanzania</b> med nyheter //11734,1 Zanzibar. QSA 3 JE/RFK
5580	10.6	0100	<b>Radio San José</b> kanonstark måste ha nya sändare, fint ljud, enda plump spelade skiva med hack LES
5780	6.6	2000	<b>IRRS</b> med utsändning av Radio Abeokuta, ett program avsett främst för nigerianer bosatta i Europa. Fin musik. 3-4 CB
5940.1	7.6	0420	<b>R. Bethel</b> , Arequipa, OM rel, QRM 2-3 GAL
5985	3.6	1900	<b>Congo Brazzaville</b> med engelska nyheter. QSA 3 JE/RFK
5990	11.6	0315	<b>R.Ethiopia</b> , Gedja OM amharic (?) tlk, 3-4 // 7110, 9704.2 GAL
6009.8	3.6	2345	<b>OID LA</b> OM SS religious, fair but lot of interference 2 GAL
6150,76	3.6	2215	<b>Radio Bayrak</b> med Boney M m m. 22.58 kom Österrike. QSA 2, men svårt pressad. JE/RFK
7385	13.6	1630	<b>China Tibet Be Co</b> med Holy Tibet. 3 CB
11734,1	3.6	1910	<b>Zanzibar</b> med eget (önske-) program efter gemensamma nyheter med 5010,1 och en stunds egen kommentar. QSA 3-4 JE/RFK
15745	12.6	1340	<b>Sri Lanka Broadcasting Corp.</b> med Sri Lankan Originals, dvs. popsånger på engelska skrivna och framförda av lankesiska artister. 3 CB
15480	7.6	1430	<b>HCJB Australia</b> med nya DX Partyline. Programmet produceras fortfarande av Allen Graham i Quito och sänds lördagar över HCJB Australia vid denna tid. 3-4 CB
21500	13.6	1520	<b>Voz Cristã</b> med nyhetsprogrammet "Jornal Mundial" i bästa brassstil. 3 CB



### BM i Ecuador – bandscan KV-67, 15/6 2003

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Rx: JRC-535, Loewe HF-150, Sangean ATS-808 Antenn: 12 m lw Ö/V, 24 m lw N/S + Lw Magnetic Balun + MFJ1025 phaser

**OBS! nya mailadressen!** Skickar tyvärr detta bidrag senare än vanligt men du får väl ställa in söndagsmiddån. Den gamla mailadressen gäller fortfarande men boxen jag kollar först blir den nya. /BM

**5009.62 Radio Altura** var nyligen reaktiverad någon enstaka dag men just nu igång dagligen. Radio del Pacífico, som har legat exakt på 4975.00 kHz har glidit ner till 4974.77 och Radio Táchira på 4830.02 har varit off air ett tag.

Det kan vara en bra idé att kontrollera alla, både inaktiva och aktiva, HC-stationer på KV då läget i landet är ganska ansträngt. 3 miljoner skolelever har varit utan undervisning drygt en månad men den konflikten avslutas nu på måndag. Hur eleverna ska klara av att ta sig till sina skolor är osäkert då samma dag påbörjas en stor transportstrejk. Inte blir det bättre av att nästan alla bensinstationer är stängda pga strejk bland oljearbetarna. Lök på laxen blir läkarstrejken och alla igenbommade sjukhus. Blir spännande att se hur länge vår president, Lucio Gutiérrez, klarar av att behålla sitt ämbete.

**3205.00 Ribeirão Preto** (Brasilien). Juni 2003 - 0300 UTC. Normalt är frekvensen hos mig här i Quito helt ren från signaler men vid ett tillfälle tittade denna brasse fram med god styrka.

**4879.00 Radio Nacional Espejo**, Quito (Ecuador). Håller på med att för WRTHs räkning uppdatera adresserna till stationerna i provinsen "Pichincha". Nacional Espejo meddelade att man nu undersöker möjligheten att återuppta sändningarna på kortvåg. Hoppas det blir verklighet då ju ytterst få stationer är aktiva på dom korta vågorna i Ecuador.

**4899.77 Radio Saquisilí y Libertador**, Saquisilí (Ecuador). Juni 2003. Har haft en aktiv period med sändning tidig kväll och sen morgon lokal tid vilket gör den svårloggad hemma i Sverige.

**Ny peruansk radiostation på 6163 kHz eller är det bara en BM på "skojare"-humör?** Rubriken fanns med i ett "SWB América Latina"-utskick den 3 juni. Vår medlem Henrik Klemetz/HK skickade in svar vilket stämmer med följande kommentar:

**6163.00v Radio Unión**, Lima (Perú). 14 juni 2003 - 1015 UTC. Låg på denna frekvens några få dagar med stark signal och medeldistat ljud. Trodde först på något mer spännande då man efter en väderrapport från Chiclayo IDade: "Radio J.H.C.", en MV-station med QTH Chiclayo. Någon minut senare dock ett "Unión"-ID. Hördes samtidigt på sin riktiga frekvens 6115 kHz men mycket svagt. Är nu tillbaka på sin ordinarie frekvens.

Här nedan ett utskick den 3 juni av "SWB América Latina": "La Cadena de Milagro"

**4975.00 Radio del Pacífico**, Lima (Perú). 31 maj 2003 - kväll. "La Cadena de Milagro" med pastor Yeye Avila. Ett religiöst program från Puerto Rico som via satellit skulle länkas ut till radiostationer runt om i Perú. Nämnde pastor "Yeye Avila" finns på denna web-adress: [http://www.yiyeavila.org/Revista%20La%20Fe%20En%](http://www.yiyeavila.org/Revista%20La%20Fe%20En%20)

Uppfattade inte alla stationer som räknades upp men här är i alla fall några:

Radio Manantial de Vida, Cajamarca 82 25 79.

Radio La Voz de Dios, okänt QTH.

Nueva Estación Cristiana, Cajamarca 83 00 87.

Radio Vida, okänt QTH.

Radio Amanecer, Bambamarca 84 32 60.

Radio Buenas Nuevas, Tumbes 52 31 61.

Radio Jerusalén, Piura 30 77 70.

Radio Televisión Cristiana, Chincha.

Radio Buenas Nuevas de Salvación, Talara.

Radio Haleluja, Tingo María 68 37 38.

Radio Príncipe de Paz, Tumbes.

Radio Río, Moyabamba 56 23 48.

Sifferkombinationerna är naturligtvis telefonnummer. Jag har inte hört talas om denna "cadena" tidigare så har ni info är ni välkomna att maila.

### Bra "sajt" med värdefull info för oss DXare

Förutom länkar till många radiostationer i Latinamerika så kan ni plocka hem en lista över alla stationer i Peru som innehar licens: inte mindre än 2184 stycken. Välj mellan PDF- eller Excel-format. Dit kommer ni genom att klicka på denna länk:

<http://www.radiodifusion.com/radios/peru1.htm>



73 från  i Quito!

## Stationsnyheter

**ANGOLA, 11955.7 kHz, Radio Nacional De Angola**, full data RNA Tower Globe Card, no V/S, In 7 months, for English report and 2 IRC's, received a short letter in Portuguese. The station had addressed the QSL to a wrong address, the envelope was stamped "Mail Delayed Wrong Address And Postal Code", then my correct address was written on the envelope by someone. The return address typed on the envelope is: Radio Nacional de Angola, Rua: Rainha Jinga, C.P: 1329, Luanda-Angola. Angola is my 32nd African country verified. This QSL report is NOT meant for DXpress/DXplorer publication!  
(Joe Talbot, Red Deer, Alberta, Canada. Via HCDX)

**AZORES.** Here's some material, mostly taken from Friday evening, Saturday & even Sunday morning observations on the SW coast. **1503 kHz, AFN, Lajes air Base, Terceira island** --- no longer an easy and steady catch (even during daytime in certain periods of the year) --- was logged on MAY 17 2204-2214 airing a relayed sports program. 54433, co-channel QRM de RNE-R5, a station which became a "pest" after its La Línea (near Cádiz & Gibraltar) transmitter was installed; otherwise the R5 transmitter in Galicia alone was easily nulled via the 250 m CAM Beverage. AFN was dominating this time though. AFN Lajes webpage: <http://www.lajes.af.mil> which includes much info and data on our archipelago of the Açores. Authorized power is 1 kW.

The MW scene there is a bleak one these days. While the RDP Açores is active via its 3 transmitters, R. Lajes --- A Voz da Força Aérea Portuguesa (FAP), Lajes Air Base, Terceira island, 648 kHz 1 kW and R. Club de Angra --- A Voz da Terceira, 909 kHz 10 kW, both became irregular, and the Estação Emissora do Club Asas do Atlântico, Vila do Porto, Santa Maria island, 1566 kHz 10 kW is deliberately silent for some years now due to costs saving. They all remain pretty much alive on VHF-FM though (Carlos Gonçalves, Portugal, DSWCI SW News May-June- July via DXLD)

**BOLIVIA.** The unidentified station earlier reported by Arnaldo Slaen on 4650.3 appears to be Radio Santa Ana using a standby transmitter. A sound clip sent to me by Björn Malm, in Ecuador, featured a canned off-cue announcement for their message service called El Mensajero de la Mosquitania. Malm logged the station on 4650.35 kHz (Henrik Klemetz, Sweden, June 1, DX LISTENING DIGEST)

**BRAZIL. Rádio Canção Nova**, Cachoeira Paulista, is now relayed by way of Rádio Gazeta, São Paulo, which means that their letterbox program Além fronteiras, Sats 2200-2300, can be heard on 5955, 9685 and 15325 in addition to 4825, 6105 and 9675 kHz. The information was given on their program on May 31 (Henrik Klemetz, Sweden, June 1, DX LISTENING DIGEST)

**BRASIL: Radio Itatiaia** (Belo Horizonte, Brazil) which is quite a rare station here in the middle of Europe due to its early sign off (listed as 1900 UTC) has been heard on **5969.94 kHz** this morning (12 JUN 2003, around 0400 UTC). They had long comments on Copa do Brasil (soccer championship) with replays of the best goals. Heard until fade out at 0450 UTC (almost 2 hours after our local Sunrise)... (GOOD DX, Karel Honzik, the Czech Republic, via HCDX)

**PAPUA NEW GUINEA.** A new SW broadcast station is planned for the PNG Sandaun Province in the near future. This has nothing to do with the NBC. It is expected that the SW transmitter will be used to cover all of PNG. Further info is under wraps at the moment. I don't know if this has anything to do with Johnno's hush hush planned 41 meter band frequencies from PNG. In fact I doubt it given those frequencies, but I could be wrong. You heard it from me FIRST on the ARDXC news reflector (Ian Baxter, Australia. PACIFIC FM MEGABASE [ Research ], <http://radiodx.com/fmmegabase> May 31, ARDXC via DXLD)

**SOLOMON ISLANDS.** One mystery: for a few years now, I'm hearing BBCWS on 5020 from at least 1200 to 1500. The reference books show Solomon Islands BC off the air at this time. Could they be relaying BBC? It's obviously coming from the Pacific Rim. The

only ID at the top of hour is ``BBCWS``. I've never seen the frequency listed anywhere. I have reported it to Monitoring times, but they never list it, perhaps because they can't verify it. They do print my other contributions (altho I'm rarely credited). One thing I'm sure of; I'm hearing the BBC. Any ideas? (Zeke Russell, Williams AZ, June 7, DX LISTENING DIGEST) Yes, indeed, we have had numerous reports of SIBC relaying BBCWS overnight on 5020 (gh)

**SOMALIA ("Somaliland"):** 7530.6 R Hargeisa at 1922 tune in heard with news and current affairs program in English on 7 Jun. Uses slogan "Voice of the Republic of Somaliland". Mode is USB plus carrier, a bit difficult "bottle-sound" audio. Around 1939 switched to Somali language. Sign-off at 1957. (Jari Savolainen Kuusankoski Finland via HCDX )

**TOGO:** On Sunday, 8th June, I checked R Togo Libre 12125 broadcast at 2000. Rather weak signal, lots of local noise, but readable with familiar opening announcements. Their schedule is M-F 1300-1400 on 21760 and Sundays 2000-2100 on 12125. Jari Savolainen Kuusankoski Finland via HCDX

**URUGUAY: 6155,1 Integracion FM.** Acegua, via Banda Oriental, Sarandi del Yi. 1111+, June 08. Spanish transmission. Horse's competence. Complete ID 1111+as: Transmite Integracion FM, con un agradecimiento especial a Sinfonia FM de Santa Clara de Olimar, en el punto 95,7 de FM, junto a Radio Sarandi del Yi y a Banda Oriental, la onda corta, para cubrir toda america y CW121 Radio Libertador, de Vergara y 106,5 Boreal FM, Durazno". Local advs: "Panaderia y confiteria El Osito goloso, donde todo es mas sabroso". 44444 (Arnaldo L. Slaen, Uruguay via HCDX)

## Övriga radionyheter

### SPANISH AND PORTUGUESE REPORT FORMS

Here are some resources that will provide assistance in preparing reports in Spanish and Portuguese:

1. Ariel Crocco in Argentina has a useful little web site, which has samples of reception reports in Spanish and Portuguese. Click on: <http://arieldx.tripod.com/english/manualdx/variantes/dxlatino.htm>

2. The Hard-Core DX web site has the same sort of thing. This site is a bit of a "dog's breakfast" in the way it is laid out..... it's difficult to find things. But I have dig out the following link for you: <http://www.hard-core-dx.com/nordicdx/dxlab/latinam4.html> (Rob Wagner, Vic., EDXP HF Forum via DXLD)

### Coming ICOM 7800 transceiver



The ICOM 7800 was the star of *Hamvention 2003*. This is clearly the most advanced amateur radio ever developed. It utilizes four separate 32-bit floating point DSP chips, has a 7-inch wide TFT display, built in RTTY/PSK31 receive and transmit plus compact flash technology. As impressive as the features are; it is performance that sets this radio apart. By sparing no expense an incredible +40dBm intercept point has been achieved with ultra wide dynamic range. And you enjoy this incredible performance in two fully independent receiver circuits. There is even

a separate preamp and mixer for the 6 meter band. The rear panel features four primary antenna inputs [SO-239] plus provisions for receive antenna A and B. And nothing is sacrificed on the transmit side. The newly designed push-pull MOSFET amplifiers work with a 48 VDC, providing a powerful 200 watts of output at full duty cycle with low IMD in all bands. A 120 VAC switching power supply is built-in.

This new radio covers the HF ham bands plus 6 meters (receive from 30 kHz - 60 MHz). The high resolution 7 inch TFT color LCD display provides more operating information than you've ever had before, including a spectrum scope.

#### NOTICE:

This device has not been approved by the Federal Communications Commission. This device may not be sold or leased, or be offered for sale or lease, until approval of the F.C.C. has been obtained. All states features, appearances, screen shots and specifications may be subject to change without notice. All screen shots are simulated pictures. Icom is projecting delivery for 2004. A price has not been announced (... but it will likely be grounds for divorce).

#### Features:

Four 32-bit Floating Point DSP  
+40 dBm ultra high Intercept Point  
Automatic Tracking  
Two Independent Receiver Circuits  
200 Watts Output  
Ultra High Frequency Stability  
7 Inch Wide Color TFT  
Multi-Function Spectrum Scope  
Professional 6 Meter Receiver

RTTY/PSK31 Operation without PC  
IF Notch Filter  
Pre-Selector Digital Voice Recorder  
Compact Flash Memory Slot  
Voice Synthesizer  
CW Audio Peak Filter  
High Speed Automatic Antenna Tuner  
Main/Sub Receiver Connections  
RS-232 Port

(From Universal Radio web site) (Enligt uppgifter på [rec.radio.shortwave](http://rec.radio.shortwave) kommer troligen priset att hamna runt 8000 \$ ..... /red)

## ANTIPODAL MEDIUMWAVE DX RECEPTION

### The WYFR transmitter in Taiwan, 1557 kHz, heard again here in Brazil.

More info and audio on <http://www.faiallo.org/taiwan2003.html> 73's (Rocco Controneo, Rio de Janeiro, June 9, MWDX via DXLD)

Very impressive recording indeed! On the webpage you write: "How can a medium wave signal jump over 18.438 km (11.523 miles), nearly the maximum possible distance on the Earth? Hard to say. Still, for the third year in a row, the winter solstice here in Rio de Janeiro, Brasil, brought this incredible signal from the WYFR transmitter located in Taiwan, on 1557 kHz."

I think the explanation for this phenomenon is quite simple: It's the antipodal-effect. Stations exactly on the other side of the globe should be a relatively easy catch. Imagine a station exactly on the North Pole using an omnidirectional antenna. In theory the rays would go into all directions, but there is exactly one point on the globe, where they should concentrate again: the South Pole! There one should expect quite high signal strength again, even if the distance is the highest possible. (Of course we all know that propagation is a lot more complicated, but this abstract shows the principle of the antipodal-effect quite well).

Now, given that Taiwan and Rio de Janeiro are on the opposite sides of the globe (haven't checked that yet), this would be an explanation. By the way: A very interesting report on your Patagonian DX-pedition on [faiallo.org](http://faiallo.org)! 73's (Martin Elbe, Germany, *ibid.*)

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Close to antipodal; actually the opposite of Rio is closer to Iwo Jima, about 2300 km ESE of Taiwan. If there is a MW transmitter on Iwo Jima (I doubt it), that would be worth pursuing in Rio (Glenn Hauser, DX LISTENING DIGEST)

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I think it's more-less easy to explain: both (RX, TX) points are at terminator line. You'd explain more for yourself if doing minute-by-minute daily extended monitoring during few weeks at around 20-21z: how sharp S-peak is in time (how it changes from day-to-day). QSLed them? Good luck. Regards, (Vlad Titarev, Ukraine, *ibid.*)

## DRM MESSES UP 31mb

**During this morning's EDXP chat, Bob Padula drew my attention to the horrible mess on 9795 kHz at 2300-0000.** The digital hash signal of BBC via Sackville spread all over 9790 and 9800 as well. It completely covered R. Bulgaria on 9800 until it signed off at 0000 when Bulgaria emerged. And this Sackville signal was coming via the long path as well!!

As I have written before, this DRM issue is about a few big boy broadcasters bullying their way around the HF spectrum with digital signals that obliterate other things around them. Understand that this DRM medium is not about economical use of frequency space. It's about stomping over other small, less wealthy stations with ordinary AM signals. DRM and AM cannot live side-by-side under the current 5 kHz channel allocation system. DRM should be placed out-of-band while these tests continue. Best regards (Rob Wagner VK3BVW, June 8 via DXLD)

## 1 meter shielded loop/broadband preamp (via [rec.radio.shortwave](http://rec.radio.shortwave))

**Well, today was the day to finally get the 1 meter shielded loop/broadband preamp on the tower and rotor.** So far I am very impressed with the loop vs a center fed 100' wire and an end fed 50' wire with 9:1 transformer. There is no doubt, the shielded loop does not appear to p/u local electrical noise. Listening on AM broadcast band, the drop in AC noise is dramatic- as is the increased S/N on AM stations. Nulls are still deep and balanced. It is fun to dial in an AM station, rotate the loop until they fade- and bingo, there's another AM station underneath. Nulls were also seen on sky wave signals as high as 14 MHz- being able to null them out almost entirely. Unexpected. The addition of an elevation rotor would be interesting- but this project took too long as is. Users of the Wellbrook shielded loop will appreciate my enthusiasm. (Dale W4OP)

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I have a simple 6' Homebrew hanging from a rotor on a tree away from the house Coax inside a stop sign shaped PVC tubing with a FET preamp, Im getting the same results "shielded loops rule". Late night BCB listening in the TRI state are has become outright awful, No more comics on 75 meters, WNYC, WFAN, Malzberg bitching about the mideast every night. I at least can escape to some southern stations like WBT or WVA at night that at least listen to something interesting once and a while. (Joe)

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Hi Joe, You've got it! The lack of AC noise crud is truly astounding. I took a couple of passes on LF and logged 12 NDB's- best DX was Galveston from here in western NC. It was interesting to copy JHH on 410, rotate the loop 90 degrees and pick out JU on nearly the same freq.. Try that on a wire or active whip! Going back to the AM b'cast band now. Can't recall when I have had this much fun with an antenna. For those interested, the basic loop design is at: <http://technology.fanshawec.on.ca/tele410/leeloop.htm>. I did almost zero redesign except to modify the input/ output transformers as bifilar on FT50-75 to enhance the HF response. This may be a problem in high RF environments, but here in the western NC mountains, no signs of IM at all. (Dale W4OP)

## WELCOME TO THE RIGPIX DATABASE

**The source of information and pictures of radios, accessories and more-** This is the **original**, online since 2000-04-07. Check <http://www.rigpix.com/whatsnew.htm> for latest updates. Preferred screen resolution is **1024\*768**. **Please note** that some of the equipment presented here may not be generally available in all parts of the world. (73 de *SM00FV/Janne*)

## WEB RECEIVER CLUB

**We have formed a new, free Yahoo club for anyone interested in listening to live shortwave receivers over the internet.** You can find the Web Receivers Club at <http://groups.yahoo.com/group/webreceivers/> There are now over 40 web radios around the world; most are Javaradios. 73 (Bradford Wall, San Bernardino CA, June 2, EDXP via DXLD)

## Reducing computer noise on AM BCB - SUCESS!

Last night I finished the project. Besides the 0.1 microfarad capacitor running to ground from the bridge capacitor in the computer, I put one on each leg of the AC input jack (Radio Shack 250 volt metalized-film capacitors).

In addition, I wound 8 turns of AC line cord on a stacked pair of Radio Shack snap on RF chokes, soldered that in line, inside the power supply, and used snap on ferrite cores on all other wires leaving the power supply (low voltage and to the on/off switch).

I am now 100% noise free from LW to 30mhz. (generic 233mhz PC, Win 98, PS/1 monitor). YEA !!!! (John Wilke, WB9UAI, Milwaukee, via [rec.radio.shortwave](http://rec.radio.shortwave))

**Radio Gear test site**

Try these two sites: <http://www.dxing.com/rx.htm> and <http://www.dxing.com/tube.htm> Good selection of rigs pics and comments (Shawn Axelrod via rec.radio.sortwave)

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Here's one that has some older and some newer select radios: <http://members.fortunecity.com/swradios/> and <http://www.radiointel.com/reviews.htm>

(Thal70, [variac@tampabay.rr.com](mailto:variac@tampabay.rr.com) via rec.radio.shortwave)