

# Australian DX News

Monthly Publication of the Australian Radio DX Club Inc. - Australia's Premier DXing Organisation since 1965

Welcome to the Xmas edition of the ADXN. So I do wish you a very Merry Xmas.

## Committee.

Following the AGM, I had phone call from Robert Fitzgerald who has agreed to fill the Treasurer's role. For those who do not know Bob, he has been in the club for over 42 years, so he has a fair idea of what to do. There is still a vacancy as an ordinary committee member.

## WORLD RADIO HANDBOOK

Yes I got the pricing just after we put the magazine into the printers, however its only \$40-00 this year mailed if you want to come around to my place try \$31-00. I had to take a gamble, and put the order in, so I have 50 on order. These are due December 7th in the country.

So its another Xmas idea.

## AGM Broken Hill September 2014.

David Brown has compiled a list of current rail fares.

Silver City explorer SYD to Broken Hill

Pensioner card: cost NIL!

Seniors card: \$65.15 x 2 for return.

Full Adult: \$110.70 x 2 for return

Now the Indian Pacific seats only no berths costs are:

Pensioner: NIL

Seniors must apply through Great Southern Rail and

Adult full fares, not avail for 2014.

Bathurst to Broken Hill Silver City Explorer

Seniors: \$115-28 Return

Full Adult: \$213-30 Return.

For Adelaide and Perth to Broken Hill, please contact Great Southern Rail

The other news for the 2014 AGM is that Rob and Kathy Shepherd are thinking of making the trip down from Toowoomba to Sydney to catch the

train with the rest of the Sydney members.

So that makes 1 from QLD, 3 from Bathurst, 7 from Sydney in members.

## WYONG Central Coast Field day.

Yep its on at the Wyong Race course Sunday 24th February starts 8.30 am. We will have a stall as usual.

## IT's LIGHTNING SEASON!

Yes normally I tell everyone about October, but the weather hasn't been that bad, till last week, here in Sydney, last Monday night I finished my listening session, and as always pulled the antennae leads out and pulled out the power cords. Inside 5 minutes my antennae at the back of the EWE got a direct hit! Yes it took a hit that had the next door neighbour outside with his wife yelling at him to get inside as he no cothes on! So disconnect your leads. cords! I was lucky.

I have stocks of the FT43 equivalent cores, Radio TV and Hobbies DVD, Degen 1121 but sold out of the Bruce Carty's very popular history of the Australian Broadcasting stations.

So for these and the WRTH call 0416 766 490, 29 Milford Rd, Peakhurst NSW, cheques, money orders made out to Australian Radio DX Club.

## BRISBANE MEETING 1 December.

those present at John & Colleen Smith's place at Wakerley were, Doug and Marj Mulligan, Ray and Raewyn Crawford, Pam Halpin, Kevin Steel, with apologies from John Nicholson, John Bastable (on his DX-pedition called a Honeymoon), Ron and Hazel Everingham, with Hazel in hospital at the moment, so we wish her well, and the biggest most lame excuse Martin Hadlow in Antarctica! Were sweating it out and Martin is in snow! John and Colleen have already booked accommodation at Wyong for the field day in February.

## SYDNEY MEETING 1 December.

this was a very late call as my workplace well is in tatters, as coming back from leave, management had sacked the contractors. (not a smart move, as its impacting the business big time), However, it was a day of 42 C weather, inside the shed was 45 C, however we had the air conditioning flat out! (All windows were open, and we had a fan going).

Those present were Peter Theodorakis with a superb display of what you can do with second hand satellite equipment for the K band free to air), Around \$150-00 worth, (you got me Peter, Gary Cratt who is a member of this club, mate I am coming to see you at Wyong, so beware)! , John Sanderson, Brian Lane, Cliff Hynds, Bob Fitzgerald, Tony Magon, Dennis Allen, Eric Gauja who has bought a R390A Collins world best valve receiver, Brian Lane, Bob Yorston who also went to the HRSA earlier meeting at Winston Hills, and host John Wright.

Apologies, Denis Smithson (you were right about the weather), David Brown, Kevin Branch, Alex Wellner, Wayne Bastow, Charles Jones, and the cat Rourke star. There was a table of freebies, some electrical bits and pieces and Electronic Australia's and monitoring times. Tony Magon picked up a soldering iron station. Yes the fluids were kept up, but there were no party pies, fruitcake and some biscuits. It was probably the worst day of the year for heat, anyway I did my best in trying to contact everyone in short space of time. Next Meeting, will be Wyong Field Day but maybe if I get a weekend off, maybe the end of January. Brian Lane has offered his abode on the north shore at Bilgola Plateau for the March meeting, Date TBA.

Well Merry Xmas from the Sydney members..

## ARDXC Officials and Addresses

### Committee

**Officers:** Tony Magon (President), Brian Lane (Vice-President), John Wright (Secretary), Denis Smithson (Treasurer)

**Ordinary Committee Members:** John Sanderson, Wayne Bastow, David Brown, Dennis Allen, Richard Jary.

**Correspondence for Committee:** John Wright, 29 Milford Road, Peakhurst, NSW, 2210.

### Other Officials

**Public Officer:** Keith Wilson

**Membership Services Manager:** Robert Fitzgerald, Unit 2/13 Baltimore St, Belfield NSW 2191. (Stationery & services orders)

### Annual Membership Fees (from 1/7/2005):

All prices quoted in Australian dollars and include GST.

**Australia \$36** (Student under 18yo \$20);

**NZ, Pacific & Asia \$46; Rest of the World \$55;**

**Family Membership \$10**

**Email only membership \$20** Australia (or US \$20 overseas)

**Sample copies** of the ADXN are available for **\$5** (or equivalent) from John Wright, 29 Milford Road, Peakhurst, NSW, 2210. Email inquiries can be directed to [dxer@fl.net.au](mailto:dxer@fl.net.au).

Club web page: <http://www.ardxc.info>

And this issue wraps it up for 2012! A bumper 32 pages this time with a special feature from Sam Dellitt about a cruise around the South Pacific and some listening done therein, should give you plenty to read to keep going while we have our Christmas break.

Just on housekeeping, our normal last Friday of the month deadline would clash with the Australia Day long weekend for the next issue, so I have decided to push the deadline back to Friday the 1<sup>st</sup> of February, and the corresponding one after to Friday the 1<sup>st</sup> of March so as to avoid a 3 week gap between issues.

As I write this things are starting to hot up for the summer Sporadic E season, with some DXers already receiving stations from interstate or New Zealand; and some lower frequency TV carriers and ham contacts into Asia. Hopefully this is a promising sign this early in the season for a good couple of months coming up.

Personally, I have yet to erect the FM antenna at the new house, I am thinking I will just have to set the guy wire anchors to star posts set into the ground. The backyard is surrounded by trees which hopefully won't impact the signal too much. Of more concern is the train line over the road which causes some breakups at times on digital television, so hopefully won't generate too much noise. I'm not sure how MW or SW would go here though if I had time to get back into that.

So as we wrap up this year's magazine, a big thank you to all the editors, contributors, and Committee of the club. There is a fair bit of work goes on behind the scenes to keep things ticking along, but I know all of us involved enjoy doing it.

**Richard**



## Editorial Deadlines & Addresses

### Next deadlines:

Jan/Feb 2013 (Issue 555): Friday February 1, 2013

March 2013 (Issue 556): Friday March 1, 2013

### SW Trail and Station News

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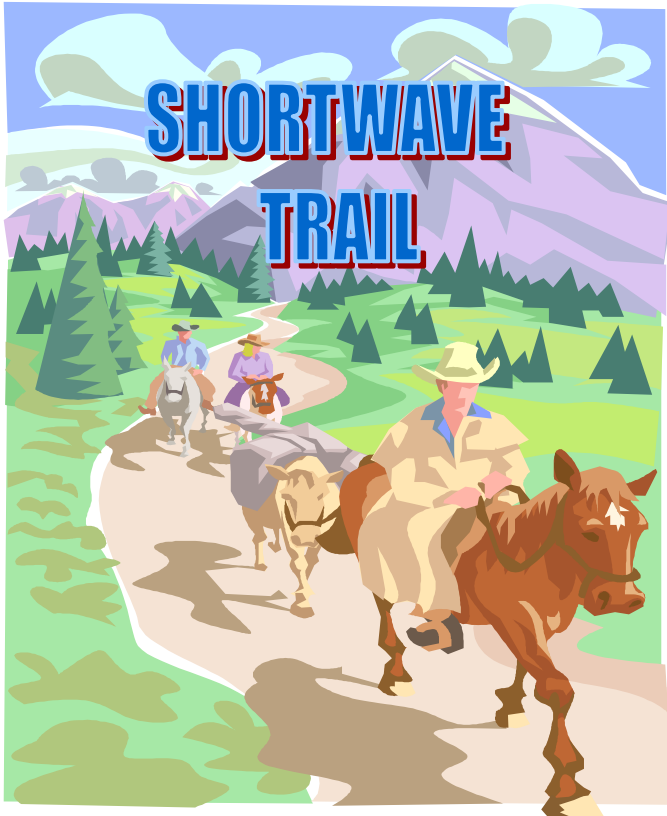
### FM

c/- Richard Jary

### Editorial Coordinator and Special Articles

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**Deadline:** See Page 2

*Please note that loggings made prior to the last deadline will not be published.*

**Tips for Fellow Travellers:**

*Please help make my life easier by adopting the same format you see here for submission of loggings. Unjumbling items typed backwards and inside out takes time! Redundant punctuation and abbreviations such as "@" or times with colons inserted have to be amended for uniformity. Also save yourself some time: The Trail is proudly gender neutral. We assume that the announcer is either a man or a woman (!). It usually doesn't add any veracity to the log to specify which. Thanks.*



*Welcome to the last Trail column for the year, and a bumper section we have for you at that! It is really great to see people active on the bands in what are undoubtedly uncertain times for the hobby, and still hearing a wide range of the available stations. At some point during 2012, I passed a milestone; 30 years of continuously editing a*

*column in the ADXN. 26 years of that relate directly to this section, and during that time I haven't missed a single issue due to illness, travel, family or work. In fact the Trail has been prepared in hotel rooms in other cities and even other*

*countries on occasion. The October 2012 issue was finished off at 3am, while I sat ankle deep in water during one of the flooding events in the "man cave". I relate these facts not to draw attention to myself (or what some might regard as odd and obsessive behavior!) but rather to highlight how much I enjoy presenting the members' logs, and the interactions with contributors who often drop a personal note with their material. I'm sure that Richard and John, who are also part of the longer term ADXN editorial "furniture" have the same outlook.*

*Importantly, it is the members that sustain this column as my own logs represent only a very small fraction of the content each month. Some of those members have been contributing for much longer than I have presided, and it is them (you) that we thank, as has become traditional in the December Trail. With some key international broadcasters leaving shortwave, it remains to be seen how much our future will resemble our past, but here's hoping you'll join us in 2013 all bright and bushy-tailed for more fun on the bands and in these pages!*

- 3280 **V. of Pujiang, Shanghai.** Weak and noisy with time pips at 1300, 14/11, followed by CC anncs. and jingles (Allen).
- 3320 **Pyongyang BS.** 1/12 at 1337, good signal here from Pyongyang BS, and others from DPRK: 3250, also Pyongyang BS but unseems // 3320; 3480 with no het, which is strongest, so this is V. of the People from South to North, per Aoki no longer jammed; and then at 1338, find 2850 with KCBS is strongest off all. Also heavy noise jamming on 3985 vs Echo of Hope, on 3912 with something under, V. of the People; 4450 and 4557 jamming about equal to Korean talk target, also Voice of the People, all as per Aoki (Hauser\*)
- 3325 **RRI Palangkaraya.** Presumably this, 1/12 at 1338, music with fair signal and weaker than NK on 3320, 4750, 1/12 at 1343, similar music to 3325 but not //, from RRI Makassar. Still resemblant at 1357, then at 1358, 4750 with Indonesian announcement mentioning informasi, while 3325 still guitar music, but fading when talk begins at 1400; then 4750 goes back to music instead of newscast. At 1408 it has YL DJ conversing with a caller (Hauser\*)
- 3912 **V. of the People via Goyang.** Weak signal buried in noise. Speakers in assumed KK. //3480 and 4450 similar 1912, 7/11 (Jones)
- 3985 **Radio Croatia, Deanovec.** In Croatian. Very strong at 1920. Some QSB at times. 17/11 (Jansson\*)
- 4319U **AFN, Los Angeles via Diego Garcia.** With jazz music. Readable on USB at 1845. 18/11 (Jansson\*)
- 4765 **Tajik Radio, Yangiyul.** Just audible with a Tajik song and music. Quite noisy at 1910 on 31/10 (Allen).
- 4780 **Radiodiffusion Télévision de Djibouti.** \*0259-0316 10/11, open carrier followed by orchestra National Anthem, opening ID and announcements followed by brief news. Qur'an recitations from 0303. Poor to fair. (D'Angelo\*) . ■ Heard at 1912 with a local song and music, then a telephone

	conversation in AA-sounding language at 1915. Quite strong on 31/10 (Allen).	5830	8/11 (Adams).
4785	<b>Rádio Caiari, Porto Velho</b> (presumed). 0948-1009 28/10, noted with rapid fire Portuguese talk with vocals. Almost fair at tune in but starting to deteriorate. (D'Angelo*)	5850	<b>WTWW, Lebanon.</b> Very good despite jammer or ute 1148, EE preacher 1/12 (Seager)
4810	<b>V.O. Armenia, Yerevan.</b> FS as in A12 on 25/11, heard w/px in two dialects of Kurdish from 1500 & 1545 and Assyrian from 1530, to 1616* (Pankov*).	5865	<b>R.Farda via Iranawila.</b> Very good in Farsi on 8/11, 2008 (Adams). ■ Heard with an ID at 2003, then straight into a Persian song. Very noisy on 31/10, and a NF (Allen).
4810	<b>AIR, Bhopal.</b> Good w/Hindi talks 1212, into vocalist, 24/11 (Seager)	5855	<b>R.TV Algerienne via Issoudun.</b> AA on 20/11 at 0555 w ID "Idaatu Koran Kerim", followed by nx in FF (Pankov*).
4835	<b>ABC, Alice Springs.</b> At 1905. Not very strong, but readable on USB. Signal peaking around 2000, when fully readable on AM as well. 17/11 (Jansson*)	5905	<b>Radio Free Asia via Tinian.</b> In Korean. Strong at 1815. 17/11 (Jansson*)
4878.6	<b>Radio Difusora Roraima, Boa Vista.</b> Pop mx program with Portuguese talks, ads and anncts. Nice ID and closedown announcements at 0355 followed by choral National Anthem. Fair (D'Angelo*)	5900	<b>Radio Deutsche Welle, Kigali.</b> *0400-0427 7/11, ID followed by news in English featuring a report on U.S. elections in Nairobi explosion and Police in Rwanda cutting down underage drinking. Fair with other Rwanda outlets //7285 good, 9420 fair and 9470 poor. (D'Angelo*)
4880	<b>SW Radio Africa via Meyerton.</b> Not very strong, with political discussion in EE at 1850. 17/11 (Jansson*). ■ To Zimbabwe, such ID at 1730 on 22/11 followed by nx in EE and giving URL of <a href="http://www.swradioafrica.com">www.swradioafrica.com</a> (Pankov*).	5905	<b>V. of Russia via Vladivostok.</b> Noisy reception of a CC talk at 1006 on 15/11. NF (Allen).
4930	<b>Voice of America, Moepeng Hill.</b> 0336-0403 3/11, numerous African news stories with emphasis on Somalia. Instrumental music prior to ID and news. Fair (D'Angelo*). ■ Weak signal at 1912, but fully readable on AM. 18/11 (Jansson*)	5910	<b>R.Rossii, Moscow.</b> On 19/11 at 1525 in Russian // 5930, 6160, MW567, but another px was on 4050 (different stream) (Pankov*).
4940	<b>VoA via São Tomé.</b> Poor in Special EE at 1943, 4930 Botswana much better on 8/11 (Adams). ■ Reports from Gaza at 1910z. Good signal. 18/11 (Jansson*)	5910	<b>Alcaraván Radio, Puerto Lleras.</b> 0356-0441 17/11, program of Colombian vocals with Spanish talk and frequent IDs. Fair to good. (D'Angelo*)
4949.7	<b>Radio Nacional de Angola, Luanda.</b> 0226-0313 3/11, brief Portuguese talks hosting a pop music program. ID at 0300 followed by news. Return to music program at 0305. Poor (D'Angelo*)	5910	<b>Shiokaze via Yamata.</b> A bit weak, JJ pxing 2003 t/in, 24/11 (Seager)
4985	<b>Rádio Brasil Central, Goiânia.</b> 2316-2348 17/11, program of pop vocals with Portuguese talks, IDs, etc. Poor signal and never really improved as darkness set in. (D'Angelo*)	5940	<b>BVBN via Nauen.</b> NF, AA pxing 2009 to 2015*, good 24/11 (Seager)
4990	<b>Radio Apintie, Paramaribo.</b> 0314-0345 2/11, program of soft pop vocals some with English lyrics using some English words but mainly Hindi language. Poor. (D'Angelo*)	5945	<b>CNR1, Beijing.</b> New starting time at 1000. Heard at good level at 1027 on 7/11 (Allen).
5005	<b>R.Nacional, Bata.</b> Poor through static on 8/11 at 1953 (Adams).	5960	<b>R.Kuwait.</b> GP //15515 (where is no Holy Koran px) on 26/11 at 0535 in AA with survey of political events (Pankov*)
5010	<b>R.Madagasikara, Antananarivo.</b> Good level signal of music, strongly percussive, followed by announcements in assumed Malagasy before abrupt closure at 1850. Not previously heard at my location for many months during the extended tx hours on weekends (our Sun and Mon) 1846, 19/11 (Jones)	5960	<b>Herald of Christian Science via Wertachtal.</b> Good in RR 1927, NF, Sats. only, 24/11 (Seager).
5745	<b>WTWW, Lebanon.</b> Noisy reception of an EE religious talk at 0949 on 5/11. NF ex 5755 (Allen).	5970	<b>Radio Itatiaia, Belo Horizonte.</b> 2214-2240 19/11, fast talking announcer in Portuguese, ID, jingles followed by talk by several different people. Nice ID and frequency announcement at 2229. Poor to fair. (D'Angelo*)
5765U	<b>AFRTS, Barrigada.</b> Fair at 2004 in EE on 8/11 (Adams).	5970	<b>NHK via Montsinery.</b> Readable signal of speakers in JJ despite noise. Service to S. America. Off at 0859. 0807 2/11 (Jones). ■ Good in JJ at 0815, 9/11 (Adams).
5790	<b>BBC, Skelton.</b> Fair level but noisy with a correspondent's report in AA at 1934, 31/10. NF (Allen).	5995	<b>Radio Australia, Brandon.</b> 0804-0813 14/11, news in English followed by ID at 0810 and features. Poor. (D'Angelo*)
5810	<b>R.Ashna via Kuwait.</b> Good in Dari at 2006 on	5995	<b>RTM, Bamako.</b> Checked several days and always the s/on is around 0540. Usually as on 22/11 with songs, talks in FF, instrumental version of their N Anthem from 0557 and ID in FF at 0600 (Pankov*).
		6010	<b>La Voz de tu Conciencia, Puerto Lleras.</b> Poor in SS on 14/11 at 0728 (Adams).
		6040	<b>VOIRI, Kamalabad.</b> EE, fair level 2019. NF for B12, 24/11 (Seager)
		6045	<b>VoA via Udon Thani.</b> In Chinese. Strong here at 2205. 18/11 (Jansson*)
		6050	<b>TRT, Emirler.</b> EE pxing 2027 w/anncts., fair, NF for B12, 24/11 (Seager)
		6055	<b>R.Rwanda, Kigali.</b> Good with FF pxing at 2025, 8/11 (Adams).

6075	<b>Radio Vatican, Sta. Maria di Galeria.</b> 0803-0805* 14/11, talking in listed Arabic language followed by IS at 0804 ending transmission. Carrier cut at 0805. Poor. (D'Angelo*)	6925	Good signal. (D'Angelo*)
<u>6080</u>	<b>R.Murumby, Curitiba.</b> Poor in PP until swamped by RA, Shepparton at 0900, 14/11 (Adams).	7110	<b>PIRATE (No. Am.). WMPR,</b> 2154-2202 3/11, techno music with announcer giving call letter ID and frequency at 2156. Fair. (D'Angelo*)
6090	<b>Caribbean Beacon, Anguilla.</b> Very good with EE religious talk at 0850, 14/11 (Adams).	7120	<b>Myanmar Kachin (?) Radio.</b> Talk in English (!) and local music. Best reception on USB using the E/W antenna, at 1150. Not readable on AM. 18/11 (Jansson*)
6105	<b>TWR via Wertachtal.</b> Fair with religious talk in EE through static on 14/11 until close at 0850 (Adams).	7165	<b>Radio Hargeisa.</b> *0330-0347 21/11, musical anthem opening followed opening announcements. Into Qur'an recitations. Poor to fair. (D'Angelo*). ■ Talk and local music at 1750. Fully readable on AM. Splatter QRM from radio amateurs now and then. 17/11 (Jansson*)
6130	<b>NHK via Montsinery.</b> Good level of speakers in PP with news of Japan. Surprisingly clear. Cadence of JJ is evident in this presentation directed to Brazil, 0900 2/11 (Jones)	7200.08	<b>Vo Broad Masses, Eritrea.</b> Talking. "Huna Asmara" ID at 1730. Good signal on AM. 19/11 (Jansson*)
6140	<b>BBC, Ascension.</b> 0324-0359* 4/11, extensive reports about upcoming US presidential election followed by Hurricane Sandy and climate change. Good signal presumably from this site. Off in mid-sentence. (D'Angelo*)	7205	<b>Myanmar Radio.</b> Talks in local language 1110, abruptly off, but carrier still going 1112. Good, best resolved in LSB, 25/11 (Seager)
6160	<b>CKZU, Vancouver.</b> Fair w/discussion 0814, het w/CKZN 25/11 (Seager)	7215	<b>V. of Russia, Chita.</b> EE for S-E Asia with a classical music programme at 0917, 3/11, spoiled by noise. NF (Allen). ■ NF for B12, very good in EE 0925, 3/11 (Seager)
6165	<b>Radio Chad, N'Djamena.</b> 0504-0537 28/10, tribal vocals until a long discussion mentioning the economy. At 0526 announcer spoke alternating with short music segments, 0530 drums followed by ID and news. Fair (D'Angelo*). ■ Speaker in FF at good level and in clear 1850, 8/11 (Jones). ■ Good in FF over VOIRI in Albanian on 8/11 at 2040 (Adams).	7245	<b>CRI, Xian.</b> Noisy reception of EE "China in the Know" at 1007, 5/11. NF (Allen).
6165	<b>Radio Havana Cuba.</b> 0340-0415 7/11, DXers Unlimited program hosted by Arnie Coro followed by This Day in History segment, IDs and other English features. News at 0400. Very good signal on Chad's frequency making that a problem hearing the African. (D'Angelo*)	7250	<b>CNR2, Beijing.</b> Good reception of a CC talk at 0920, 5/11. New time (Allen).
6165	<b>Voice of Islamic Republic of Iran.</b> 2044-2127* 18/11, talk in listed Albanian language. ID at 2115 into new program segment. ID and s/off announcements at 2126. Fair. (D'Angelo*)	7260	<b>Bangladesh Betar, Dhaka.</b> Large, but poorly modulated signal 1954 w/song. Bengali px 24/11 (Seager)
6175	<b>V o Vietnam via Dhabbaya.</b> Fair with GG px at 2120, 9/11 (Adams).	7290	<b>V.of Russia, Vladivostok.</b> NF for an EE transmission with an ID at 1012, 5/11. Not much chance of hearing Vanuatu now (Allen).
6185	<b>XEPPM - Radio Educación, Ciudad México.</b> 0548 -0612* 10/11, Spanish radio play/drama with it seemingly ended at 0612. Transmission ended without any announcements or ID. Carrier still there at 0632. Fair to good. (D'Angelo*) . ■ Very, very rare catch here on 22/11, songs till 0530, next talking in SS, ID at 0605, maybe cl/d at 0608 (Pankov*).	7335	<b>CRI, Shijiazhuang.</b> Heard in RR at 1017, 5/11. Rather noisy and some c/c QRM. NF (Allen).
6195	<b>NHK via Cypress Creek.</b> Fair strength but noisy signal of speakers in SS. Service directed to Central and S. America 0931, 2/11 (Jones). ■ Weak and noisy in SS at 0955 on 15/11. This transmission replaces PP via Santiago (Allen).	7370	<b>RTV Tunisia, Sfax.</b> Good in AA at 0601 on 14/11 (Adams).
<u>6885</u>	<b>Galei Zahal, Tel-Aviv.</b> Hebrew talk and music. Quite strong at 1940. 18/11 (Jansson*). ■ 27/11 from 1910 with recorded concert, Jimi Hendrix Experience (Pankov*). ■ Fair only, traditional mx 1932, recent NF, 24/11 (Seager)	7390	<b>V o Vietnam via Woofferton.</b> Good in Vietnamese at 2133 on 9/11 (Adams)
6925	<b>PIRATE (No. Am.). Pirate Radio Boston,</b> 2111-2210* 27/11, Charlie Loudenboomer and Mr. Excellence hosting 20th anniversary program with reading listener e-mails and playing many tunes.	7465	<b>R.Tirana, Shijak.</b> Good at *0756 with Interval signal into Albanian on 9/11 (Adams)
		9347.8	<b>RFI, Issoudun.</b> Poor in FF at 0545 on 14/11 (Adams)
		9350	<b>R.Tirana, Shijak.</b> Good strength signal but subject to rapid fades. Mx with announcements in FF 1857, 7/11 (Jones)
		9360	<b>V. of Korea, Kujang.</b> NF for EE. Fair reception of an EE talk, then a KK song at 1034, 29/10 (Allen).
		9395	<b>RFA via Dushanbe.</b> Just audible through jamming with a Tibetan talk at 1235 on 20/11 (Allen).
		9410	<b>RFE/RL via Tinang.</b> RR talk on this NF at 0905. Fair level but periods of noise, then an ID at 0906, 3/11 (Allen).
		9415	<b>VoA via Irana Wila.</b> In special English. Not very strong at 1650. Some QRN. Abrupt c/d at 1659... 19/11 (Jansson*)
			<b>BBC via Seychelles.</b> Good clear reception of news commentary in EE dealing with closing stages of the US Presidential campaign 2008, 7/11 (Jones). ■ News comments. Strong signal at 2020. 19/11 (Jansson*)
			<b>CRI, Xian.</b> Shaky reception of EE news reports at

	0910, 3/11. NF (Allen).	9680	<b>RRI, Jakarta.</b> Daytime summer signals! Nx 0410, only substantive stn. On 31mb other than RA Brandon 9660, 1/12 (Seager)
9420	<b>Voice of Greece, Avlis.</b> Greek talk about the Greek economy. Strong at 2125. 19/11 (Jansson*)	9690	<b>V o Nigeria, Ikorodu.</b> Good with Id in Hausa on 21/11 at 0819. EE px at 0900 suffers splash from CNR 5 Beijing (Adams).
9440	<b>CRI, Xian.</b> Heard at 0914, 3/11 with a CC talk. Fair level but noisy on this NF (Allen).	9690	<b>R.Free Asia via Sitkunai.</b> Heard at 1007, 12/11, with a Tibetan studio discussion. Fair level and NF (Allen).
9445	<b>All India Radio, Bengaluru.</b> 2154-2230* 21/11, Indian music until ID and news in English at 2200. Commentary at 2210. Program previews for the next day at 2226 followed by ID and closedown announcements. Fair (D'Angelo*)	9700	<b>V.O.Turkey, Emirler.</b> Very weak in TK 0500, 4/11 (Agius)
9450	<b>CRI, Urumqi.</b> Noisy and distorted audio. Poor reception of Esperanto at 1144, 5/11. NF (Allen).	9700	<b>R.Japan, Yamata.</b> Noisy reception of a KK talk at 0924 on 3/11. NF (Allen).
9455	<b>V. of Russia, Irkutsk.</b> Good reception of this NF with a RR talk at 1245 on 20/11 (Allen).	9700	<b>Brother Stair via Kostinbrod.</b> Religious material presented in EE. Clearly readable. Service directed to W. Europe 1903, 7/11 (Jones). ■ Very strong in EE 1929, NF, Bible lecture, 24/11 (Seager)
9479	<b>WTWW Tennessee.</b> Religious discussion at 2220. Strong, but tone QRM. 18/11 (Jansson*)	9715	<b>Eritrea.</b> 2nd px in AA on 24/11 at 1750 w/nx and at 1802 N Anthem & cl/d, //7185 (Pankov*)
9480	<b>VoA via São Tomé.</b> Good with FF programme on 14/11 at 0552 (Adams).	9730	<b>V o Vietnam, Hanoi.</b> Poor in FF on 9/11, 2113 (Adams).
<u>9500</u>	<b>The Mighty KBC via Bulgaria.</b> 0131-0159* 4/11, usual assortment of music, listener e-mails and ads for KBC Imports with e-address of themightykbc@gmail.com for reception reports. They said that they would be back again next week so is this now a regular transmission? (D'Angelo*)	9765	<b>R.New Zealand, Rangitaiki.</b> Good reception on this NF ex 9655 with EE anncts. and then a song at 1019 on 29/10 (Allen). ■ 24/11 at 0835, px "Saturday Show "and a song played called "Yesterday Once More" sung by the Carpenters" as a greeting to hundreds of keen radio listeners – members of Australian and New Zealand DX Clubs from Rumun Pankov in Sofia, Bulgaria" (Pankov*).
9500	<b>Radio Australia via Shepparton.</b> Sports news. Very strong on E/W antenna, overriding CRI on same channel at 2035. 19/11 (Jansson*)	9800	<b>Lutheran World Federation via Wertachtal.</b> Good strength signal above noise. Speakers presenting religious material in listed Hausa directed to Nigeria and Cameroons 1840, 8/11 (Jones)
9500	<b>TWR Manzini.</b> 1745, talk in unknown language. Radio Australia weak in the background on NNE/SSW antenna. 19/11 (Jansson*)	9835	<b>Malaysia.</b> Adverts and pop songs on 27/11, at 1600 pips, N Anthem and common px in ML on 9835 and 11665. On previous day no signals were heard here at 1400-1700 on 7295, 9835 & 11665 (Pankov*).
9535	<b>Radio Thailand, Udon Thani.</b> 2036-2048 17/11, news in English with ID and promo announcement at 2040. Dead air at 2044 until Thai program commenced at 2045. Poor. (D'Angelo*)	9840	<b>R.Rossii, Moscow.</b> Heard with a RR discussion at 0540, 19/11. Good signal with slight noise and fading and a NF (Allen).
9535	<b>RFE/RL via Kuwait.</b> Weak and just audible through the noise. Talk in listed Tatar/Bashir at 0524 on 19/11. NF (Allen).	9860	<b>R.Japan via Kranji.</b> NF for Indo transmission. Very good at 1012, 12/11 with an Indo song and JJ talk (Allen).
<u>9535</u>	<b>Apsua (Abkhaz) Radio.</b> Re-activated after long absence on SW: noted on 21/11 from 0710 in Abkhaz and from 0758 nx in RR, cl/d at 0812 w melody "Love Is Blue" (Pankov*).	9885	<b>VoA via Pinheira.</b> Comments on world economics in French. 2115. 19/11 (Jansson*)
9560	<b>V. of Russia, Novosibirsk.</b> EE discussion about the Moscow transport system at 1250. Good reception of this NF on 20/11 (Allen).	9905	<b>R.Cairo, Abis.</b> Heard at 0548 on 19/11 with AA anncts. with short pieces of music – "Lambada". NF (Allen).
9580	<b>Africa No 1, Moyabi.</b> Fair in FF at 0558, 14/11 (Adams). ■ French at 2050. Strong with West African music. Overriding co-channel Radio Mediterranée Int'l, Morocco. 18/11 (Jansson*)	9915	<b>BBC via Limassol.</b> AA at 0613, fair on 14/11 (Adams).
9630	<b>R.Aparecida, Aparecida.</b> PP heard at 0833, best in USB, CNR I Geermu dominates at 0837 on 21/11 (Adams).	9930	<b>R.Que Me via Palau.</b> Good clear reception of speakers in listed Vietnamese. Fridays only 1205, 9/11 (Jones)
9655	<b>DW via Kigali.</b> Good with Africa Link programme in EE at 2105 on 9/11 (Adams).	9935	<b>RS Macedonia, Avlis.</b> GK on 25/11. At 1250 carrier, 1258 ID of ERA, N Anthem, 1259 ID of RSM ERA 3 and their "Treton Programa" (3rd px), nx at 1300 (Pankov*).
<u>9677.7</u>	<b>Ädalätin Säsi Radiosu (VO Justice), Nagorno-Karabakh.</b> Re-activated after months of absence on SW. Only carrier on 21& 24 /11 at 0600, but with px in Azeri on 27/11 1400-1426. Terrible audio almost nothing understood, but language is Azeri (Pankov*).	9950 ☺	<b>AIR, Khampur.</b> Indian mx, EE anncts., to SNR of 11.5dB. Large hum in studio audio, 1944, 24/11 (Seager)
9680	<b>V. of Russia, Samara.</b> Weak and noisy with a RR talk at 0535, 19/11. NF (Allen).		

- 9955 **JSWC via Palau.** Special 60<sup>th</sup> anniversary px, in JJ, from \*1030, fair 3/11 (Seager)
- 9960 **Khmer People Power Movement via Palau.** On at 1200 with speaker in listed Khmer at fair level. Spoken content readable. Saturday to Monday only, 1200 12/11 (Jones)
- 11510 **Denge Kurdistanya via Grigoriopol.** Very good strength signal with clear Kurdish speech. Group singing then long session of speech with frequent mentions of Kurdistan. Off at 1959, 1813 8/11 (Jones). ■ Good 0615 w/talks, 1/12 (Seager)
- 11520 **WEWN Vandiver.** Religious discussion. 1115. Splatter QRM. 19/11 (Jansson\*)
- 11545 **R.Free Asia via Kuwait.** NF for a Tibetan transmission heard at 1142 on 14/11. Not real good with Firedrake-sounding noises almost as strong! (Allen)
- 11565 **R.Domo I Viti via Cypress Creek.** On at 0830 with good strength signal marred by some noise. Speakers in assumed Fijian with occasional EE ("democratic elections"). First time heard at my location for several months 0830, 19/11 (Jones)
- 11570 **R.Suab Xaa Moo Zoo via Taipei.** Good strength and clear reception of speakers in listed Hmong with short mx and vocal items. Off at 1159. 1130 9/11 (Jones)
- 11600 **R.Libya,** Good with AA id at 2100 on 21/11 (Adams). ■ 24/11 at 1500 w nx in AA and ID at 1522 "Radio Libya min Tarablius" (Tripoli) (Pankov\*).
- 11640 **CRI, Beijing.** NF for EE. Good strength but constant c/c CC background talk (jamming?). Heard at 1010 on 14/11 (Allen).
- 11665 **Wai FM, Kajang.** Fair in Malay w/pop mx 2130, 3/11 (Agius)
- 11690 **AWR via Moosbrunn.** Speakers in AA at fair strength with some Morse QRM. Service directed to N. Africa 1919, 7/11 (Jones)
- 11700 **CRI, Kunming.** NF for an Indonesian transmission heard at a very good level at 1040 on 14/11 (Allen).
- 11705 **RFE/R/L via Biblis.** Heard with a RR talk including an ID at 0832, 31/10. Fair level but noisy on this NF (Allen).
- 11735 **Zanzibar Broadcasting Corporation, Dole.** 2047-2108\* 18/11, talk in Swahili hosting program of local vocals. Nice ID at 2058 with some announcements over instrumental music. A few English words at 2101 followed by music until carrier cut. Good. (D'Angelo\*). ■ Talk in Swahili followed by African music. Surprisingly strong on NNE/SSW antenna, at 2008. 18/11 (Jansson\*)
- 11740 **NHK via Montsinery.** Fair level reception of speakers in EE degraded by noise. Px directed to NW America 0512, 10/11 (Jones)
- 11750 **R.Farda via Biblis.** Weak signal at 1044, 14/11 with an ID in Persian and then some music. NF (Allen).
- 11750 **VOA via Tinang.** Good reception of a s/on in EE at 1200, 14/11, and then VOA News. NF (Allen).
- 11755 **AWR via Meyerton.** Religious talk in unknown language. Strong at 2050. 17/11 (Jansson\*)
- 11755 **Radio Slovakia International via REE Noblejas.** On SW! in RR on 22/11 from 1722-1729. REE has a px called "Europe on Short Waves" where we may listen to: on Mondays Radio Prague, Tuesdays DX px called "Radio Panorama" (same as in WRN); Wednesday musing from DW; Slovakia on Thursdays at 1720-1729 (Pankov\*).
- 11760 **R.Havana, Havana.** Fair in EE on 21/11 at 2050 (Adams).
- 11770 **VOIRI, Sirjan.** "Voice of Justice" px, fair in EE but muffled audio, discussing U.S. presidential election, 0400 4/11 (Agius)
- 11775 **University Network, Anguilla (T).** Barely audible, but could be heard in EE w/talk 2115, 3/11 (Agius). ■ Very strong here with an EE religious talk at 1049 on 14/11 (Allen). ■ EE talk at 1835. QSB. 17/11 (Jansson\*)
- 11780 **R.Nacional da Amazônia, Brasilia.** Fair level with only slight noise and fading. PP song at 0444 on 14/11 (Allen). ■ Fair w/PP anncts. 0821, no sign of 49mb outlet, 25/11 (Seager)
- 11800 **DW via Kigali.** News in EE at good level including visit of Prince Charles to Papua New Guinea 0505, 10/11 (Jones). ■ New transmission for this time. EE to West Africa heard at good level at 0515 on 5/11 (Allen). ■ Very strong in Portuguese, at 1947. 17/11 (Jansson\*)
- 11805 **V. of Turkey, Emirler.** CC news items heard at 1205, 14/11. Good clear reception and NF (Allen).
- 11855 **VOA via Udon Thani.** Strong signal with a CC talk at 0950, 14/11, and what sounded like jamming in the background. NF (Allen).
- 11860 **VoA via Meyerton.** Good in Hausa on 21/11 at 2045 (Adams).
- 11895 **BBC via Nakhon Sawan.** EE discussion about life in Ireland at 0938, 3/11. Fair signal strength but noisy. NF (Allen).
- 11935 **NHK via Montsinery.** Noisy signal of JJ speakers only just readable. Px directed to S. America 0217, 4/11 (Jones)
- 11940 **REE, Noblejas.** Good in SS w/football commentary 2100, 3/11 (Agius)
- 11955 **KSDA, Agat.** Good reception of a CC talk at 1023 on 12/11. NF (Allen).
- 11990 **RFE/RL via Udon Thani.** Heard at 1227, 14/44, with a Kyrgyz talk. Quite strong before an abrupt s/off at 1230. NF (Allen).
- 11995 **RTI via Montsinery.** Fair at \*0200 in SS, 9/11 (Adams).
- 12005 **R.Farda via Lampertheim.** Noisy and fadey reception of a Persian talk and music, then an ID at 0845, 31/10. NF (Allen).
- 12045 **DW via Kigali.** Good strong signal of speakers in listed Hausa with frequent mentions of Nigeria. Service directed to W. Africa. //15225 also good. 0637 3/11 (Jones). ■ Fair in EE on 14/11, 0622 (Adams).
- 12045 **VoA via Agignan Point.** In Chinese. Splatter QRM. 1325. 18/11 (Jansson\*)
- 12060 **VoA via Botswana.** Good in FF at 0625 on 14/11 (Adams).
- 12070 **DW via Kigali.** Good reception of EE session with Mark Caldwell and Africa Link directed to South Africa. Items included efforts in Rwanda to curb juvenile drinking, 2021 7/11 (Jones). ■ Big signal in EE at 2012 on 21/11 (Adams).

12075	<b>V. of Russia via Dushanbe.</b> EE discussion about law enforcement heard at 1235 on 14/11. Noisy reception of this NF (Allen).	15200	<b>KTWR, Guam.</b> Religious talk in EE. Noisy frequency. 0910. 20/11 (Jansson*)
12080	<b>VoA via Botswana.</b> Very strong in French at 2002. 18/11 (Jansson*)	15220	<b>VOIRI, Sirjan.</b> Weak but clear signal with a listed Armenian talk, then music before an abrupt s/off at 1000 on 22/11. NF (Allen).
12085	<b>V of Mongolia, Ulaanbaatar.</b> Fair level signal of mx and singers in Chinese. Some audio distortion as heard previously on this station. Changed to EE at 1030 but distortion continued 1021,3/11 (Jones).	15250	<b>BSKSA, Riyadh.</b> 27/11 – all px at 1000-1228 was from Radio Jeddah in EE (see 17785 KHz). (Pankov*). <i>Covered by China here -cs.</i>
12085	<b>VOIRI, Kamalabad.</b> Another NF. Koran chanting heard at a good level at 12040 on 14/11 (Allen).	15260	<b>KSDA, Agat.</b> Good signal level with slight noise. CC talk at 1042 on 20/11. NF (Allen).
12095	<b>BBC via Meyerton.</b> Poor in EE at 0628, 14/11 (Adams).	15275	<b>DW via Kigali.</b> NF for Swahili to Southern Africa. Frequency details and ID before s/off at 1100 on 20/11 (Allen).
12095	<b>BBC via Cyprus.</b> At 1832. News and comments in English. Strong. 18/11 (Jansson*)	15285	<b>R.Pilipinas, Tinang.</b> Fair in EE on 9/11, 0209 (Adams).
12140	<b>R.Azadi via Kuwait.</b> Weak in Dari 0450, 10/11 (Agius)	15290	<b>NHK via Issoudun.</b> Good strength signal of speakers in JJ. Service directed to Central and West Africa 0807,3/11 (Jones)
13362U	<b>AFN Los Angeles via Barrigada.</b> 0730, talk about United Nations. Good signal on USB. 20/11 (Jansson*)	15300	<b>VOIRI, Ahwaz.</b> Weak in Dari 1040, 22/11 (Agius). Good reception of what sounded like a radio drama in listed Dari, followed by anncts. and a music break at 1029. Heard on 14/11 and a NF (Allen).
13580	<b>Mashaal Radio via Udon Thani.</b> Fair signal strength, but noisy. Pashto talk at 0905, 8/11 on this NF (Allen).	15300	<b>RFI, Issoudun.</b> Poor in FF at 0700, //15170 Issoudun better on 8/11 (Adams).
13690	<b>CVC, Lusaka.</b> Youth oriented mx 0639, very good & in the clear 25/11 (Seager)	15330	<b>Radio Marti, Greenville.</b> Phone-in program in Spanish 1550. QSB. 19/11 (Jansson*)
13630	<b>CVC International via Tashkent.</b> In Hindi. 0702. 19/11 (Jansson*)	15330	<b>VOIRI, Sirjan.</b> 0627 w/Spanish service, very good on 12/11 (Volpato)
13650	<b>VOA via Tinian.</b> NF for a CC transmission. Strong signal, but sounded like slight c/c jamming. Heard at 1035 on 12/11 (Allen). ■ In Chinese. Very strong at 1010. 19/11 (Jansson*)	15340	<b>R.Havana, Havana.</b> Good in PP at 2025 on 21/11. AA at 2030 (Adams). ■ 1545, political comments in Spanish. QSB. 19/11 (Jansson*)
13670	<b>VOIRI, Sirjan.</b> NF, EE historical feature 2020, //6040 24/11 (Seager)	15340	<b>CRI, Xian.</b> NF for CC to S-E Asia. Heard well at 0925 on 10/11 (Allen)
13695	<b>AIR, Bangalore.</b> Good in Hindi at 0412, 20/11 (Adams). ■ Heard at 0315-0320 with a Hindi song and anncts.. Fair level with some noise and fading on 16/11 (Allen).	15360	<b>BBC via Limassol.</b> 0630 on 12/11, good but noisy (Volpato)
13720	<b>Sudan Radio Service Darfur via Dhabbaya.</b> Fair in AA, vocals, talkback, 0440 on 4/11 (Agius). ■ Good reception of actors in (presumed) studio drama in Sudanese AA. 0455 4/11 (Jones). ■ Fair in AA on 20/11 at 0440 (Adams).	15380	<b>BSKSA, Riyadh.</b> Good in AA, co channel CNR 1, Beijing at 0640, 8/11 (Adams). ■ 0635, good signal in AA. Video here: <a href="http://youtu.be/7PPmDe-Y4-M">http://youtu.be/7PPmDe-Y4-M</a> , 12/11 (Volpato)
13750	<b>VOIRI, Kamalabad.</b> NF for AA to the Middle-East. Good reception at 1048 on 5/11 (Allen)	15400	<b>BBC via Meyerton.</b> Fair in EE on 8/11 at 0648 (Adams).
13765	<b>Vatican Radio via Madagascar.</b> Good with FF px at 0447 on 20/11 (Adams).	15410,	<b>R.Farda.</b> 30/11 at 1406, some overmodulation/distortion, most noticeable during music. This is 300 kW, 92 degrees via Woofferton UK at 14-16; weaker // 15690, 100 kW, 85 degrees from Biblis, GERMANY, was not distorted at 1416 during announcement with lots of kHz, presumably SW schedule being given (Hauser*)
13765	<b>VOA via Udon Thani.</b> Good reception of a CC talk at 0918 on 8/11. NF (Allen).	15420	<b>R.Free Sarawak via Palau.</b> Good clear reception of animated discussion in listed Iban. Off at 1159, 9/11 (Jones)
15140	<b>R.Free Asia via Lampertheim.</b> Barely audible in listed Tibetan, 1030 on 22/11 (Agius)	15445	<b>Radio Japan, Wertachtal.</b> 1746-1900* 3/11, Japanese talk, pop music program featuring English lyric songs including Frank Sinatra with "My Way". ID at top of the hour followed by news. At 1805 into more pop music with Japanese lyrics. ID and closedown at 1859. Poor to fair. (D'Angelo*)
15140	<b>RFA via Lampertheim.</b> Tibetan talks at 1025 on 20/11 spoiled by splash from CRI on 15135. NF (Allen).	15480	<b>AWR via Meyerton.</b> Fair strength signal of speakers in EE. Readability poor 0538, 10/11 (Jones). ■ Poor in AA at 2018, 21/11 (Adams).
15170	<b>VOIRI, Kamalabad.</b> Good reception of a Dari talk with music breaks heard at 1025-1030 on 20/11 (Allen).	15480	<b>V.O. Turkey, Emirler.</b> Heard at good level with a TT song and anncts. at 1055, 20/11. NF (Allen).
15190	<b>Radio Africa, Bata.</b> 1912-1945 3/11, usual array of canned English language religious programs without any formal station IDs or announcements. Poor to fair. (D'Angelo*)		
15190	<b>Radio Japan via Montsinery.</b> English, beamed to North America. Very strong here at 1210. 18/11 (Jansson*)		



- 15535 **R.Farda via Iranawila.** Weak and noisy reception of a Persian discussion at 0920-0925 on 22/11. NF (Allen). 17800
- 15540 **R.Kuwait, Kabd.** Good reception of Koran chanting at 1007 on 1011. NF (Allen). ■ Continuous Western pops 2040, fair at best and drops away frequently, 24/11 (Seager) 17810
- 15565 **CRI, Xian.** Good signal and clear reception of a CC talk at 0948, 1011. NF for Caspian region (Allen). 17820
- 15565 **Overcomer Ministry via Yerevan.** Massive signal 1121, EE preaching, NF for B12, 25/11 (Seager) 17830
- 15595 **Vatican Radio, Sta Maria di Galeria.** 0637 w/Latin Mass + German. Cracking signal, on 12/11 > video here: <http://youtu.be/f0rTh5MwzAk> (Volpato) 17860
- 15650 **V of Greece, Avlis.** Speakers in listed GK amid considerable noise. Just readable. Service directed to S. America, 0229 4/11 (Jones) 18910
- 15700 **Radio Deutsche Welle via Woofferton.** 1238-1259\* 7/11, French program with frequent IDs closing with instrumental version of "Baker Street" until carrier terminated. Good signal. (D'Angelo\*) 18970
- 15710 **BBC via A'Seela.** Weak and noisy with a listed Dari talk at 1015, 10/11. NF (Allen). 19000
- 15745 **V. of Russia, Dushanbe.** EE radio drama heard at 1051, 22/11. Fair level only and some slight noise on this NF (Allen). 19005
- 17660 **BBC via Limassol.** Very good on 9/11 in EE at 0844 (Adams). ■ Noisy EE talk about the U.S. election results at 0919 on 5/11. NF (Allen). 19010
- 17670 **AWR via Madagascar.** Vietnamese. Fair signal at 1345. 20/11 (Jansson\*) 21540
- 17690 **CRI, Jinhua.** Good reception of EE transmission and internet details at 1030 on 3/11. NF (Allen). 21600
- 17700 **AWR via Palau.** Service to Burma in listed Burmese changing to Karen at 0130. Weak level signal only just readable 0120, 1/11 (Jones) 21690
- 17710 **DW via Kigali.** Fair level of speakers in listed Dari in px directed to Afghanistan. //15640 Dha weaker. 0842 8/11 (Jones) 21780
- 17720 **R.Pakistan, Islamabad.** Fair reception of speakers in listed Urdu with frequent mentions of Pakistan, 1010 3/11 (Jones) 21800
- 17730 **BSKSA, Riyadh.** Very good in AA on 8/11, 0710 (Adams).
- 17735 **RTV Tunisienne, Sfax.** Booming in 1935, AA mx, one of very few on the band, 24/11 (Seager)
- 17765 **Radio New Zealand Int'l.** 'Sounds of the Pacific'. Quite strong with some QSB, at 1140. 19/11 (Jansson\*)
- 17780 **AWR via Palau.** Service to north China in listed Mandarin at weak level. Only just readable. 0110 1/11 (Jones)
- 17780 **R.Romania International, Galbeni.** Good reception of the EE transmission for Australia at 0630-0656 on 10/11. NF (Allen).
- 17785 **BSKSA, Riyadh.** 27/11 in EE from 0752 (px called from the Press) and from 0800 Riyadh in FF till 0954, also in FF 1400-1554 on 17660 (Pankov\*).
- 17800 **DW via Kigali.** Good strong clear signal of European news in EE. Service directed to West Africa. //13780 equally good. 0630, 3/11 (Jones)
- DW via Dhabbaya.** Good level of Afro mx with announcements in listed PP. Reception marred by noise. Service directed to Angola/Mozambique 0546, 10/11 (Jones)
- R.Japan, Yamata.** Very weak in JJ 0420, 27/10 (Agius)
- VOIRI, Sirjan.** Fading in and out of the noise with snatches of an AA talk at 0945-0947, but mainly inaudible until becoming quite strong by 1015, 7/11. NF (Allen).
- BBC via Meyerton.** EE under CRI, Kashi in CC at 0712 on 8/11, only fair (Adams).
- V. of Croatia via Kranji.** Very good reception of a Croatian talk at 0929 on 7/11. NF (Allen).
- ORF, Moosbrunn.** Very good reception of news and commentary in GG. Off at 0935. NF ex 13730, 0900 15/11 (Jones). ■ GG on 21/11 from 0900 relaying their 1st Home Sce (Pankov\*). ■ NF for GG to Australia, one of the few users of this band, very good 0912 on 12/11(Seager).
- Sound of Hope via Taipei.** Speakers in assumed CC at a weak level and barely readable. 0200, 10/11 (Jones)
- R.Australia via Shepparton.** Sports news in EE at good clear level 0240, 4/11 (Jones)
- Unid.** 26/11 at 1520 poor signal with some EE (Pankov\*).
- R.Azadi via Kuwait.** Fair 0938 in (listed) Pashto, 3/11 (Seager)
- RFA, Tinian.** 0645 w/Chinese service, very good on 12/11 (Volpato)
- R.Romania Int., Tiganesti.** EE px 0654, good level, NF for B12, 1/12 (Seager)
- RFI via Montsinery.** Fair strength signal readable above noise. Speakers in FF in service directed to West Africa 1215, 9/11 (Jones)
- DW via Kigali.** Service in FF to West Africa. Good strength signal but readability reduced by noise 1224, 9/11 (Jones)
- Voice of Russia, Irkutsk.** English service 0650, very good on 12/11 (Volpato)

### Contributors:

**John Adams**, Beech Forest Vic (JRC NRD-535 Ewe and Folded Dipole)

**Charles Jones**, Castle Hill NSW (JRC NRD 535D with 7m. vertical antenna).

**Richard A. D'Angelo**, Wyomissing, PA U.S.A. (Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4)

**Frank Agius**, Niddrie Vic (Sangean ATS 505, 15m longwire)

**Dennis Allen**, Milperra NSW (Icom R75, Realistic DX160, Longwire)

**Börje Jansson**, Sweden (ICOM R75, Antenna tuner: Homemade, Long wire 50mtrs E/W @ 9-10mtrs, Long wire 80mtrs NNE/SSW @ 6-7mtrs)

**Rumen Pankov**, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi own made ant, 16 meters long).

**John Volpato**, Canberra ACT (ICOM IC-R72 with a Wellbrook ALA 100 active loop antenna)

**Glenn Hauser**, Enid OK (Yaesu FRG-7)  
**Craig Seager**, Bathurst NSW (Icom R75, Racal RA6790/GM, Amplified broadband loop, Loop Skywire, Dream® DRM software)

“\*” Denotes contributor located outside of Australia  
 ☺ Denotes digital mode (DRM)

## Amateur Band Logs

Always welcome, but must be in the below exact format so I can just cut and paste.

FREQ	CALL	GRID	MODE	Time	Date
50080	FK8SIX/B	RG37fr	CW	0443	Dec-01
50110	JA1QOP	PM95oh	SSB	0634	Nov-25
50110	JR2HCB	PM85nc	SSB	0609	Nov-25
50160	VK3OER	QF23db	SSB	0416	Nov-25
50160	VK4FP	PG64jv	SSB	0413	Nov-25
50110	VK4RO	QH30	SSB	0055	Nov-25
50110	VK2JDS	QF46pv	SSB	0043	Nov-25
50110	FK8CP	RG37fr	SSB	0039	Nov-25
50110	VK4BLK	QG56jt	SSB	2345	Nov-24
50297	VK4RTL	QH30jp	CW	2319	Nov-24

All Craig Seager, Icom R7000, 6m Shockwave ant.

## Rearview Mirror

You might be interested in knowing what ARDXCers were reporting to this esteemed journal at the equivalent time of year at various times in the distant past.

For example, the December 1970 edition saw Jerry Berg (still a member!) musing about **Gothaab, Greenland** on 9575 from 1010 sign-on, and the editor of the time thought that this new frequency might make it easier for Greenland to finally be heard in Australia.

The late Chris Hambly reported the **Windward Islands Broadcasting Service** on 15115 at 2030 with pops and greetings for listeners in Grenada, whilst Sam Dellit, then located in Brisbane, told the members about **Accra, Ghana** on 11850 at 2020 in English.

<input type="checkbox"/> Grenada 500 W 522 kHz	<input type="checkbox"/> St. Vincent 500 W 750 kHz						
<input type="checkbox"/> Carriacou 35 W 1045 kHz	<input type="checkbox"/> Chateaubelair 35 W 1030 kHz						
<input type="checkbox"/> Dominica 300 W 950 kHz	<input type="checkbox"/> St. Lucia 250 W 1075 kHz						
SHORTWAVE FREQUENCY SCHEDULE							
To Eastern Caribbean		To Jamaica		Special Broadcasts		To British Isles	
MHz	GMT	MHz	GMT	MHz	GMT	MHz	GMT
<input type="checkbox"/> 9.55	1945-1900	<input type="checkbox"/> 15.105	1945-1900			<input type="checkbox"/> 15.105	1945-2130 (W)
<input type="checkbox"/> 9.015	1945-2345	<input type="checkbox"/> 11.97	1945-2345			<input type="checkbox"/> 91.80	2015-2130 (W)
<input type="checkbox"/> 8.28	2030-0210						
(S) = March-October; (W) = November-February; Power 5 Kw							
<b>WINDWARD ISLANDS BROADCASTING SERVICE</b>							
Head Office - BROADCASTING HOUSE, GRENADA, THE WEST INDIES.				Vocating stations currently licensed Date - 7-2-71. Time - 21-35 g.m.t. kHz - 15115			

In the December 1975 bulletin, my old mate Peter Bunn (are you still out there somewhere, Peter?) reported **Forest Side, Mauritius** on 4850 at 1800 in English, whilst Mike Hardester (USA) logged **Radio Universo, Venezuela** on 4880 with its late evening program at 0322. As I recall, until the early 1980s there was a string of Venezuelans on 60 metres, most of them signing on at 0900/1000 and all on

channels ending in a zero. Who can forget **Ecos del Torbes** on 4980, perhaps the strongest of them!

In the December 1980 Trail, Melbournite Robert Yeo waxed lyrical about **RRI Biak's** new frequency of 5451 until sign-off at 1359, but pointed out that the station had a different program on equally oddball 6207. I was hearing **Voice of Nigeria** on a new channel of 17800 at 0630, and speculated that it was probably one of their new 500kW transmitters. Meanwhile, Patrick Fitzgerald reported **AFRTS from the VOA's Philippines relay** (Poros, as I recall?) using 26000, and Glenn Hauser chimed in with a U.S. pirate known as **Voice of Clipperton** on 21750 at 0116.

Nothing like a bit of nostalgia!

In keeping with the same theme, a couple of snapshots from DXPeditions past that Dennis Allen pulled out of the archives:



The boys at Cataract Dam: Brian Halpin, John Sanderson, Rob Fitzgerald, John Wright, Richard Jary. No date given, but the vehicles and hair colour are both a giveaway!

*Hmmm, the beard puts it after 1992 when I went to Cambodia – had to get away from the ball and chain to be able to grow it! And before 2000 – Richard.*



A youthful Dennis Allen trying to understand Spanish at an Oberon farmhouse with, if I'm not mistaken, his trusty DX-160. (CS)±



### ALBANIA

Winter B-12 of China Radio International from Cërrik relay:

0000-0157 6020 CER 300 kW 305 deg to NoAM in English  
 0000-0157 9570 CER 300 kW 305 deg to NoAM in English  
 0200-0257 6020 CER 300 kW 305 deg to NoAM in Chinese  
 0200-0257 9570 CER 300 kW 305 deg to NoAM in Chinese  
 0500-0657 5985 CER 150 kW 240 deg to NoWeAF in Arabic  
 0500-0657 7210 CER 150 kW 240 deg to NoWeAF in Arabic  
 0500-0557 7220 CER 150 kW 140 deg to NE/ME in English  
 0500-0657 9590 CER 150 kW 140 deg to NE/ME in Arabic  
 0600-0657 11750 CER 150 kW 140 deg to NE/ME in English  
 0700-0857 11785 CER 150 kW 310 deg to WeEUR in English  
 0700-0857 11855 CER 150 kW 310 deg to WeEUR in Chinese  
 0900-0957 7285 CER 150 kW non-dir to SEEUR in Romanian  
 0900-0957 9460 CER 150 kW non-dir to SEEUR in Romanian  
 1100-1157 7220 CER 150 kW non-dir to SEEUR in Bulgarian  
 1100-1257 13665 CER 150 kW 310 deg to WeEUR in English  
 1200-1257 7345 CER 150 kW non-dir to SoEaEUR in Serbian  
 1400-1557 11920 CER 150 kW 240 deg to NoWeAF in French  
 1400-1557 13670 CER 150 kW 240 deg to NoWeAF in French  
 1500-1557 7230 CER 150 kW non-dir to NE/AS in Turkish  
 1500-1557 9565 CER 150 kW non-dir to NE/AS in Turkish

1600-1757 5970 CER 150 kW 330 deg to WeEUR in German  
 1600-1757 7380 CER 150 kW 330 deg to WeEUR in German  
 1600-1757 9555 CER 150 kW 140 deg to NE/ME in Arabic  
 1600-1757 11725 CER 150 kW 240 deg to NoWeAF in Arabic  
 1800-1957 5970 CER 150 kW 310 deg to WeEUR in French  
 1800-1957 6055 CER 150 kW 240 deg to NoWeAF in French  
 1800-1957 7360 CER 150 kW 310 deg to WeEUR in French  
 1800-1957 7385 CER 150 kW 240 deg to NoWeAF in French  
 2000-2157 5960 CER 150 kW 310 deg to WeEUR in English  
 2000-2157 7285 CER 150 kW 310 deg to WeEUR in English  
 2000-2157 6185 CER 150 kW 193 deg to EaAF in Arabic  
 2000-2157 7215 CER 150 kW 140 deg to NE/ME in Arabic  
 2200-2257 6175 CER 150 kW 280 deg to SoEUR in Portuguese  
 2300-2357 6175 CER 150 kW 280 deg to SoEUR in Spanish  
 2200-2357 7210 CER 150 kW 280 deg to SoEUR in Spanish  
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 20)

### ANTARCTICA

Friday, November 16, 2012 8:05 PM

"This morning I spoke to the Base Esperanza and I talked with Mirta, a station announcer. She told me that the transmissions are sporadic and they are performing maintenance on the station to put it on air in early 2013.

I left her with the feeling that even the shortwave broadcasts will not be regular, as broadcasters and technicians are getting ready to leave the ice continent, and budge up a new staff that will be working in the coming month of February in LRA36. The idea is to leave the radio in perfect condition for the next Antarctic campaign. He also mentioned that the station would come out with a power of 1 kW and they currently broadcast in the FM band for the inhabitants of the base and its surroundings."

via Jorge Villavicencio, DRM Radio Argentina ([www.drmmradio.com.ar](http://www.drmmradio.com.ar)), in Condiglist YG via Horacio Nigro (translated & edited).  
 (via DX Listening Digest)

### ARGENTINA

Otherness ---- 13363.55/LSB, Continuous tone; 0246, 0455, 21-Nov; Exactly on 13363.55 & only in LSB; disappears on 13363.54 & 56. I don't recall ever running into a signal this narrow. Argentine feeder?  
 (Harold Frodge, Midland MI, USA, Drake R8B + 125 ft. bow-tie; 85 ft. RW & 180 ft. centre-fed RW, All logged by my ears, on my receiver, in real time! DX LISTENING DIGEST)

## AUSTRALIA

B-12 of Radio Australia by langs:

### Burmese

0100-0130 11780 SNG 100 kW 340 deg  
2300-2330 5955 DHA 250 kW 085 deg

### Chinese

1300-1430 9475 SHP 100 kW 329 deg  
1300-1430 9965 HBN 100 kW 318 deg  
1300-1430 11660 SHP 100 kW 329 deg

### English

0000-0900 15240 SHP 100 kW 030 deg  
0030-0400 17750 SHP 100 kW 329 deg  
0100-0300 19000 SHP 100 kW 070 deg  
0100-0500 15160 SHP 100 kW 065 deg  
0300-0500 21725 SHP 100 kW 355 deg  
0300-0600 15515 SHP 100 kW 070 deg  
0500-0700 21725 SHP 100 kW 329 deg  
0500-0800 13630 SHP 100 kW 050 deg  
0530-0700 17750 SHP 100 kW 329 deg  
0600-1000 11945 SHP 100 kW 100 deg  
0700-0900 7410 SHP 100 kW 030 deg  
0700-0900 9710 SHP 100 kW 353 deg  
0700-0900 9475 SHP 100 kW 353 deg  
0800-0900 5995 BRN 010 kW 010 deg  
0800-1000 9580 SHP 100 kW 080 deg  
0900-1100 6080 SHP 100 kW 334 deg  
1000-1500 9580 SHP 100 kW 070 deg  
1000-1530 11945 SHP 100 kW 070 deg  
1100-1300 11945 SHP 100 kW 329 deg  
1100-1200 5995 BRN 010 kW 010 deg  
1100-1200 12080 BRN 005 kW 080 deg DRM  
1100-1300 6080 SHP 100 kW 334 deg  
1100-1300 6140 SNG 100 kW 013 deg  
1100-1300 9475 SHP 100 kW 329 deg  
1100-1400 6020 SHP 100 kW 030 deg  
1200-1400 5995 BRN 005 kW 010 deg DRM  
1300-1500 5940 SHP 100 kW 080 deg  
1400-1800 5995 SHP 100 kW 030 deg  
1430-1730 11660 SHP 100 kW 329 deg  
1430-1900 9475 SHP 100 kW 329 deg  
1500-1700 5940 SHP 100 kW 334 deg  
1500-1700 7240 SHP 100 kW 040 deg  
1530-2000 11880 SHP 100 kW 050 deg  
1600-1630 9580 SNG 100 kW 340 deg  
1700-1900 9500 SHP 100 kW 353 deg  
1700-2000 9710 SHP 100 kW 030 deg  
1700-2100 9580 SHP 100 kW 070 deg  
1730-2030 6080 SHP 100 kW 005 deg  
1800-2000 7240 SHP 100 kW 030 deg  
1900-2030 9500 SHP 100 kW 329 deg  
1900-2100 11660 SHP 100 kW 065 deg  
2000-2200 11650 SHP 100 kW 030 deg  
2000-2300 15515 SHP 100 kW 050 deg  
2000-0900 12080 BRN 010 kW 080 deg  
2030-2200 9500 SHP 100 kW 355 deg  
2030-2200 11695 SHP 100 kW 329 deg  
2100-2300 13630 SHP 100 kW 065 deg  
2100-0100 21740 SHP 100 kW 070 deg  
2100-0800 9660 BRN 010 kW 010 deg  
2200-2400 9855 DHA 250 kW 105 deg

2200-2400 15230 SHP 100 kW 030 deg  
2200-0700 15415 SHP 100 kW 355 deg  
2330-2400 17750 SHP 100 kW 329 deg  
2300-0100 19000 SHP 100 kW 065 deg  
2300-0300 17795 SHP 100 kW 050 deg

### French

0300-0315 12080 BRN 010 kW 080 deg Mon-Fri  
0300-0315 15240 SHP 100 kW 030 deg Mon-Fri  
0300-0315 15515 SHP 100 kW 070 deg Mon-Fri

### Indonesian

0000-0030 12005 DHA 250 kW 105 deg  
0000-0030 17750 SHP 100 kW 329 deg  
0400-0500 17840 HBN 100 kW 270 deg, not 0400-0530  
0400-0530 17750 SHP 100 kW 329 deg, not 15240  
2200-2330 11695 SHP 100 kW 329 deg  
2200-2300 11830 DHA 250 kW 105 deg, not 2200-2330

### Tok Pisin

0900-1000 5995 BRN 010 kW 010 deg  
0900-1000 6020 SHP 100 kW 030 deg  
0900-1000 6080 SHP 100 kW 334 deg  
0900-1000 9475 SHP 100 kW 030 deg  
0900-1000 9710 SHP 100 kW 353 deg  
0900-1000 12080 BRN 010 kW 080 deg  
1000-1100 5995 BRN 010 kW 010 deg Mon-Fri  
1000-1100 6020 SHP 100 kW 030 deg Mon-Fri  
1000-1100 6080 SHP 100 kW 334 deg Mon-Fri  
1000-1100 9475 SHP 100 kW 030 deg Mon-Fri  
1000-1100 9710 SHP 100 kW 353 deg Mon-Fri  
1000-1100 12080 BRN 010 kW 080 deg Mon-Fri

BRN=Brandon, Australia

DHA=Al-Dhabbaya, United Arab Emirates

HBN=Palau

SHP=Shepparton, Australia

SNG=Kranji, Singapore

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 18)

## BOLIVIA

6105, unID Andes station, very probably Radio Panamericana, La Paz, recently reported here by a S American DXer. Noted 11/16 at 1040 tune-in with unmistakable Andes folklórica program underway. Echo announcements in between several songs by bassy OM, very slick "big city" pro sound to announcements. Several folkloric

selections heard and thought mention at 1041 of "Bolivia" but not 100% sure. Rather bad het, tuff to effectively notch, from Asian on same channel and only fair signal at best. This first day, found signal too late since, by 1041, already getting to end of La Paz propagation window into the Central US. Could only hold signal till about 1052, when co-channel Asian station had faded-in enough to overpower my target station. After this first morning's reception (on a Friday), tried again the next morning, but only the Asian station there.

According to R Panamericana's website schedule, they do sign on at \*1000 on weekdays but \*1100 on weekends, so this fits . . . and next chance for me is Monday morning. No luck yet in local evenings, when they stay on to 0300\* on

local weekdays (and to 0100\* on local Sat and Sun nites in La Paz). Hope this indeed is Panamericana, as would be very nice to have this great old La Paz station still on the air. First logged and QSLed these guys on 6035 kHz back in the late 1970s

(Ralph Perry, Wheaton, Illinois, dxldyg via WORLD OF RADIO 1644, DX LISTENING DIGEST)

Ralph: Indeed, Radio Panamericana apparently reactivated since I heard repeatedly, mainly on weekends 73

(Miguel Castellino, Argentina, Nov 20, condiglista yg via DXLD)

■ 6154.95, Radio Fides, La Paz, 11/19 fair signal clear of QRM and static at 0959 tune in, with morning news program already in progress, hosted by YL. Included national, local and international items (heard items for Santa Cruz, Bolivia; La Paz; Peru; and the Middle East -- "un nuevo bombardeo en Gaza, el dia de hoy"). Musical stingers between items and very precise time checks regularly provided by the YL, e.g. "Las 6 de la mañana, 6 minutos y 42 segundos . . .". CP folkloric musical burst at 1008 during ads, then more news, regional items for Bolivia.

Het and other QRM building toward bottom of the hour, as Fides began fading down and Asian QRMer fading up. By 1030, entire frequency was a mess and left the station. According to station's website, signs on \*0945 and this first show runs to 1030, called "Saratasiñani" and the host is Felipa Peña

(Ralph Perry, Wheaton, Illinois dxldyg via WORLD OF RADIO 1644, DX LISTENING DIGEST)

### CONGO DR

5066.35, R. Candip (tentative), Signal here again but also some nasty local noise. Basically clear from 0317 to 0349 and could've been music and times but it was at imaginary level. 0354:30-0355:40 definite flute music on peaks. Noise got bad then unstopping, and the signal gradually faded. Signal seems strong enough but severely undermodulated. (21 Nov) 73

(Dave Valko, Dunlo, PA, USA, Perseus SDR, Wellbrook ALA1530S+ and 153' Delta Loop, HCDX)

### CONGO [Brazzaville]

6115.000 R. Congo, Brazzaville, thanks to a tip of Thorsten in A-DX ng, heard 1830-1845 UT Congo, fair signal on Nov 16. At same time slot also RTVC N'djamena Chad in French on 6164.960 kHz.

(wb, wwdxc BC-DX TopNews Nov 12)

### KOREA Rep. of

MND Radio

0400-0445 NF5150 JNG 100 kW non-dir to KRE Korean, ex4925

0400-0445 6300 CHC 100 kW non-dir to KRE Korean

0500-0540 5410 JNG 100 kW non-dir to KRE Korean

0500-0540 NF6550 CHC 100 kW non-dir to KRE Korean, ex6480

0600-0635 NF6270 JNG 100 kW non-dir to KRE Korean, ex4740

0600-0635 6670 CHC 100 kW non-dir to KRE Korean

0700-0735 5900 JNG 100 kW non-dir to KRE Korean

0700-0735 NF6435 CHC 100 kW non-dir to KRE Korean, ex6360

1000-1040 5410 JNG 100 kW non-dir to KRE Korean

1000-1040 NF6550 CHC 100 kW non-dir to KRE Korean, ex6480

1100-1135 NF6270 JNG 100 kW non-dir to KRE Korean, ex4740

1100-1135 6670 CHC 100 kW non-dir to KRE Korean

1200-1245 NF5150 JNG 100 kW non-dir to KRE Korean, ex4925

1200-1245 6300 CHC 100 kW non-dir to KRE Korean

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 20)

### KOREA (DPR)

North Korea launched a new radio broadcast targeted at South Korea on Saturday morning. The two-hour long "Echo of Unification" broadcast is expected to be broadcast three times a day and will go out over some transmitters that usually carry state radio programs.

Details of the broadcast were first made public on the Uriminzokkiri website, a China-based site with official ties to North Korea.

As can be seen from the graphic (below), the program broadcasts in the morning from 7am to 9am, in the afternoon from 1pm to 3pm, and in the evening from 9pm to 11pm.



The frequencies in use are shortwave 3,970kHz and 6,250kHz, mediumwave 684kHz and 1,080kHz and FM 97.8MHz.

That's an interesting selection, because it spans three North Korean radio networks.

3,970 kHz (Wonsan) Korean Central Broadcasting Station  
6,250 kHz (Pyongyang) Pyongyang Broadcasting Station  
684 kHz (Samgo) Pyongyang Broadcasting Station  
1,080 kHz (Haeju) Korean Central Broadcasting Station  
97.8MHz (Haeju) Pyongyang FM Broadcasting

Korean Central Broadcasting Station is the main domestic radio network, Pyongyang Broadcasting Station broadcasts in Korean to surrounding countries (including South Korea), and Pyongyang FM Broadcasting Station is the domestic FM network.

At least, this is the plan. We'll wait to hear from monitoring reports if all the channels come on the air.

What's certain is that the two mediumwave frequencies give the broadcast a strong signal that's easily tunable across much of South Korea (except near Seoul, where

they are jammed), Japan and northeast China.  
(North Korea Tech)

## LAOS

6130, LNR. Daily heard in English from 1402 to 1430; reception depends entirely on the amount of QRM from 6125 (CNR1), which is considerable; recent news items about a large dam being built on the Mekong River, results of "traditional long boat races", the Asia-Europe summit recently held in Laos, etc. After 1430 into French <https://www.box.com/s/bj0ljlton8fa1fyakpge> contains a Nov 15 rough recording of their ID.

6130, LNR, 1416, Nov 16. In progress with news in English; today in addition to the normal QRM from 6125 (CNR1), there was QRM from Tibet (Xizang PBS) also on 6130 (Ron Howard, Asilomar State Beach, CA, dxldyg via WORLD OF RADIO 1644, DX LISTENING DIGEST)

## PAKISTAN

Hello again, Aslam, For your interest, the Radio Pakistan HF Broadcast Schedule came via post today, and below I have copied it as printed. There is no listing of the Balti & Sheena services at 0445-0616 on 7465. Perhaps you could confirm if it is on air. I have added the transmitters [callsigns, powers]. Regards from Noel

To SE Asia API-5 & 6 250 kW  
0045-0215 External Service (Urdu) 15490 11570

To South Asia API-3 & 4 100 kW  
Bangla 0900-1000 15105 11870  
Nepali 1000-1030 15105 11870  
Hindi 1045-1145 7475 11865  
Gujrati 1145-1215 7475 11865  
Sinhali 1230-1300 15325 11880  
Tamil 1300-1330 15325 11880

Middle East, Iran, Turkey & North/West Africa  
External Service (Urdu) 0500-0700 17830 15735 API-5 & 6  
ditto 1330-1530 15425 11645 API-5 & 6  
Farsi 1700-1800 5900 6280 API-3 & 4

West Europe API-5 & 6  
External Service (Urdu) 0830-1104 15725 17700  
does not mention English news times so requires checking  
ditto 1700-1900 9560 11570

Afghanistan API-3?  
Pushto 1345-1445 5080  
Dari 1445-1545 5080

Far East API-5 & 6  
Chinese 1200-1300 15700 11570  
(Noel Green, Nov 5, via Aslam Javid, Pakistan, DXLD)

## PHILIPPINES

Effective 4th November VOA English is now on 15155 kHz (Philippines) replacing 15185 kHz at 0030-0100 English Lessons, 0100-0200 English main programs.  
(DX-Asia)

## RUSSIA [TATARSTAN]

Winter schedule of the program "On the wave of

Tatarstan ("Tatarstan Dulkynynda") according to the results of this monitoring:

0410-0500 11895  
0610-0700 9410  
0810-0900 11610  
(Dmitry Mezin-RUS, "deneb-radio-dx" & "open\_dx" via RusDX 11 Nov)

## SPAIN

Cancelled transmissions of Radio Exterior de España from Nov.27:

0000-0100 on 6055 NOB 250 kW / 290 deg to NoAm English  
0000-0200 on 9675 CRI 100 kW / 340 deg to NoAm Spanish  
0100-0600 on 6055 NOB 250 kW / 290 deg to NoAm Spanish  
0415-0445 on 9690 NOB 250 kW / 290 deg to NoAm Sefardi Tue  
0500-0900 on 12035 NOB 250 kW / 060 deg to WeEu Spanish Mon-Fri  
0600-0900 on 12035 NOB 250 kW / 060 deg to WeEu Spanish Sat/Sun  
0900-1700 on 15585 NOB 250 kW / 060 deg to WeEu Spanish  
1200-1500 on 15170 CRI 100 kW / 340 deg to NoAm Spanish Mon-Fri  
1500-2300 on 17850 CRI 100 kW / 340 deg to NoAm Spanish Sun  
1600-2300 on 17850 CRI 100 kW / 340 deg to NoAm Spanish Sat  
1700-2200 on 9665 NOB 250 kW / 000 deg to WeEu Spanish Sat/Sun  
1700-2300 on 7275 NOB 250 kW / 050 deg to WeEu Spanish  
1800-1900 on 9665 NOB 250 kW / 050 deg to WeEu French Mon-Fri  
1800-1830 on 17850 CRI 100 kW / 340 deg to NoAm Spanish Mon-Fri  
1830-1900 on 17850 CRI 100 kW / 340 deg to NoAm Portuguese Mon-Fri  
1900-2000 on 9665 NOB 250 kW / 038 deg to WeEu English Mon-Fri  
1900-2000 on 17850 CRI 100 kW / 340 deg to NoAm Spanish Mon-Fri  
1900-2300 on 15110 NOB 250 kW / 302 deg to NoAm Spanish  
2200-2300 on 6125 NOB 250 kW / 038 deg to WeEu English Sat/Sun  
2300-2400 on 6055 NOB 250 kW / 290 deg to NoAm French  
(Ivo Ivanov, HCDX)

## UZBEKISTAN

Voice of The Tigers, confirmed Nov 3/10/17:  
1530-1630 NF12160\*TAC 100 kW 163 deg to CLN Tamil Sat, ex12140 A-12  
\* co-ch WWCR English  
(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 20)



October 28, 2012 -- Some time ago we posted under "DX History/Stations" an illustrated pamphlet from the Netherlands called "PCJ, Short Waves and Long Distances." It describes the activities of historic Dutch station PCJ, and it dates from around 1929, which is very early in the history of shortwave broadcasting. In the middle of the pamphlet, pages 22-23, is a reproduction of six listener letters received by the station back then. The letters are not legible in the original or in the electronic copy. However, when scanned at high resolution they become easily readable, and we have now posted a PDF of these letters under "DX History/Stations." The letters, which are all in English save one, and at least five of the six from 1929 (the date on one is illegible), are from the following places, starting at the centre-top and going clockwise: Cape May, NJ; Douglas, AZ; Geidam, Nigeria; Rangoon, Burma (handwritten); and Hartford, CT (year unclear). I believe the handwritten letter at centre-bottom, only partially visible, is in French; it appears to be from Beni Abbes, which is in western Algeria. Set your Adobe Reader for 200% magnification for best reading of these fascinating messages from a world long ago. (From the Rangoon letter: "I have strict instructions from my wife to wake her up as soon as you come through and although it is bitterly cold at that time she gets out of her warm bed. As I only have one pair of phones at present I have to sit on the arm of her chair and every time there comes a particularly nice or loud piece she lifts up one phone slightly and I am allowed to bend down and listen.") -- Also this week, under "Specialized Resources," "Wavescan," to more entries from Dr. Adrian M. Peterson: "Pitcairn Island On the Air" and "Ancient DX Report 1900" (October 21, 2012).

November 4, 2012 -- Under "DX History/Equipment & Advertising," we have posted an undated Radio Shack catalogue that is numbered "47," but is actually from 1941, when Radio Shack was one store in Boston. This was the company's third annual catalogue, and these are the pages showing their shortwave receivers. As you can see from the "Time Payment Schedule," you could buy an SX-28 for \$15.95 down and 12 monthly payments of \$12.68 each. Radio Shack and Allied Radio merged in 1970. For a near-complete collection of Radio Shack catalogues and other Radio Shack memorabilia, go to <http://www.radioshackcatalogs.com/> (click on "Radio Shack Catalogue Archive" at the bottom of the page). -- Also this time, under "Specialized Resources," "Wavescan," this new entry from Adrian Peterson: "American Shipboard Radio Stations No. 10 - Other Radio Ships in the Pacific" (October 28, 2012)

November 11, 2012 -- This time, under "DX History/Philately," we have posted a first day cover from Montserrat with four stamps showing radio stations on the island--Radio Montserrat, Radio Gem FM, Radio Antilles, and Cable & Wireless. (Mediumwave Radio Antilles and the BBC-DW Relay Station were both part of the Antilles Radio Corp. Ltd.). And we have posted a file containing five postal items from Uruguay: (1) a cover and (2) a postcard bearing the 1974 "50 Aniversario Radiodiusora Nacional" stamp; (3) a 1998 cover with the "70 Aniversario de Radio-Carve" stamp; and (4) and (5), two covers, each with a different four-stamp block of "SODRE" stamps issued on the occasion of SODRE's 70th anniversary in 1999. -- We have also posted under "Specialized Resources," "Wavescan," another entry from Dr. Adrian M. Peterson: "The Story of Radio Free Asia - Part 2: The Shadowy Radio of Free Asia" (November 11, 2012).

November 25, 2012 -- Under "CPRV," "CPRV QSL Gallery," "Shortwave Broadcast," we have posted a third group of Scandinavian Club QSLs. These are QSLs that were issued by various Scandinavian clubs for special broadcasts that they arranged in the 1950s and 1960s. This group of QSLs includes: DX-Klubben Eterpiraterna, Sweden (for ORU, 1955); Tyringe DX-Club, Sweden (R. Prague, 1963); Hofors DX-Club, Sweden (Polskie Radio, 1956); KDXC, Norway (ORU, 1955); Vasteras Radioklubb, Sweden (ORU, 1953); "The DX-boys," Sweden (R. Prague); Goteborgs DX-klubb, Sweden (R. Africa Tangier, 1957); DX-Klubben Ornen, Sweden (various stations, 1958); and DX-Listeners Club, Norway (R. Moscow, 1956). -- And under "Specialized Resources," "Wavescan," there are three new entries from Adrian Peterson: "Australian Radio Ships in the Pacific" and "Ancient DX Report 1901" (November 11, 2012), and "The 3rd Radio Free Asia or The Voice of Free Asia: Was there also a 5th Radio Free Asia?" (November 18, 2012).  
(Jerry Berg)

## Radio Free Asia Upgrades Automated Reception Report System

NOVEMBER 2012

Radio Free Asia (RFA) is ready to launch a new automated reception report system! For years DXers have been able to submit reception reports to RFA at: [www.techweb.rfa.org](http://www.techweb.rfa.org) and receive a QSL card in the mail. In a few days RFA will relaunch the site with system upgrades including:

- an easier-to-navigate interface
- DXer registration
- option to submit anonymous reception reports

### Background

The Q-code was developed and instituted in 1912 in order to facilitate communication between maritime radio operators of different nationalities. It is for this reason that the Q-prefix has been excluded from call-signs.

Shortwave radio listeners, or DXers, direct their "QSL" request (Can you verify transmission?) to radio stations around the world they happened to have monitored. "D" in DX is for distance and the "X" refers to the unknown. DXers are hobbyists who enjoy DXing or trying to pick up radio stations from a distance.

These reception reports are valuable to radio stations as they assist in evaluating transmission signal strength and quality. Radio stations usually reply by mailing a "QSL Card". The QSL card acknowledges the receipt of the report and confirms the details of the transmission.

To make the best of changing propagation conditions, RFA rotates frequencies during the summer and winter seasons to maintain the best possible coverage. As a shortwave broadcaster, Reception Reports are important to RFA in helping determine the best frequencies to use in order to reach our target audience.

RFA is a private, non-profit corporation that broadcasts news and information to listeners in Asian countries where full, accurate, and timely news reports are unavailable. Created by Congress in 1994 and incorporated in 1996, RFA currently broadcasts in Burmese,

Cantonese, Khmer, Korean to North Korea, Lao, Mandarin, the Wu dialect, Vietnamese, Tibetan (Uke, Amdo, and Kham), and Uyghur. RFA strives for accuracy, balance, and fairness in its editorial content. As a 'surrogate' broadcaster, RFA provides news and commentary specific to each of its target countries, acting as the free press these countries lack. RFA broadcasts only in local languages and dialects, and most of its broadcasts comprise news of specific local interest. More information about Radio Free Asia, including our current broadcast frequency schedule, is available at [www.rfa.org/english/about/frequencies.html](http://www.rfa.org/english/about/frequencies.html).

Reception reports are also accepted by email at [qsl@rfa.org](mailto:qsl@rfa.org), and for anyone without Internet access, reception reports can be mailed to us at:

Reception Reports

Radio Free Asia

2025 M. Street NW, Suite 300

Washington DC 20036

United States of America



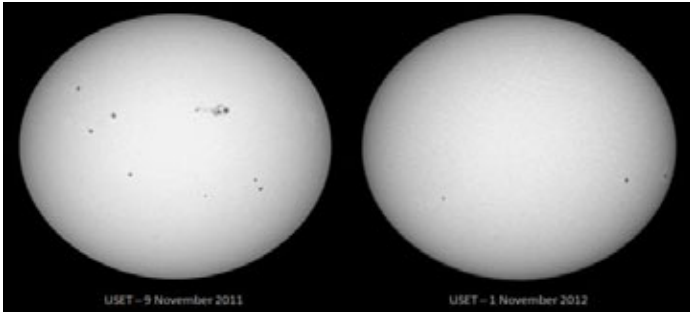
(via John Wright)

## Has SC24-Maximum Passed?

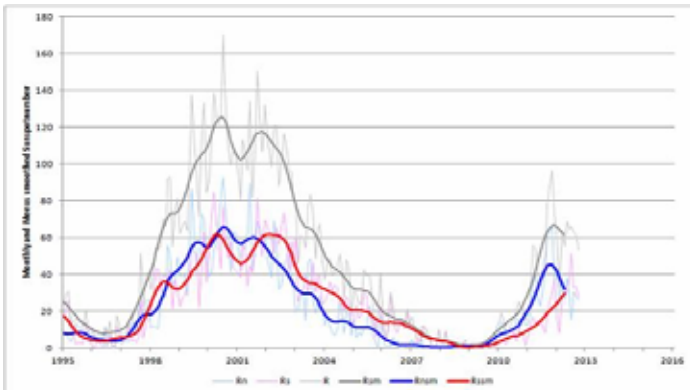
(29 Oct 2012 - 4 Nov 2012)

Once again, last week's activity was not particularly exciting: Just a few small single sunspots, that was it! Also, the SIDC (<http://www.sidc.be/index.php>) announced that the provisional sunspot number for October was 53.3. That is the lowest since February this year. What a difference with the sunspot

activity one year ago: Several groups dotted the solar surface during that November month, and also the biggest sunspot group so far this solar cycle (NOAA 1339) made its appearance. Obviously, one wonders if SC24-maximum has already passed.



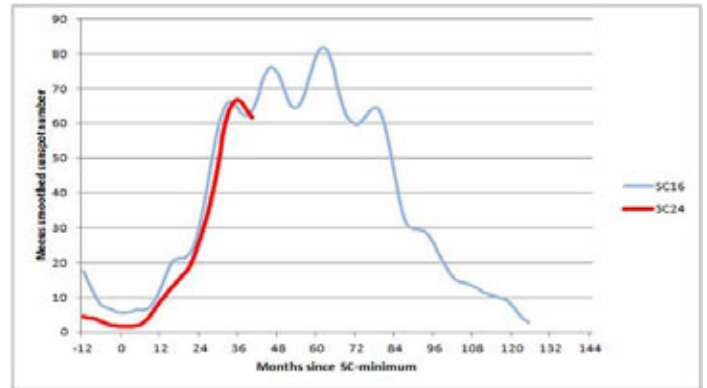
Though the smoothed International Sunspot Number (ISN) shows a maximum late 2011, chances are very low that this is the true maximum of SC24. There are several reasons to come to this conclusion. For example, a maximum late 2011 would mean that the time of rise (i.e. the time needed for a solar cycle to rise from its minimum to its maximum) would only be about 3 years. Such short rise times are usually reserved for very active and short cycles such as SC22 which only needed 37 months to reach its maximum sunspot number of about 160 in October 1989. In contrast, lower amplitude cycles like SC20 in 1969 and SC23 in 2000 needed already more than 4 years to reach their resp. maximum.



One can also see that last year's "maximum" was mainly due to activity on the northern solar hemisphere, which

produced most of the big groups and strong flares. Since then, northern activity has subsided somewhat, while that on the southern hemisphere has gradually been increasing. It is reasonable to

expect that when the southern sunspot maximum peaks, a new and higher sunspot maximum will occur, and that this might be the true SC24-maximum. Low amplitude sunspot cycles are also known for a broad maximum with several ups-and-downs. Graph underneath compares the smoothed monthly sunspot number of the ongoing solar cycle with that of SC16. Clearly, one can see that a solar cycle can have multiple maxima, and that the first sunspot peak does not necessarily have to be the highest.



The average latitude at which the sunspot groups appear, is currently also very normal indicating that the true maximum is still to come. The groups on the northern hemisphere appear on the average a few degrees closer to the solar equator than on the southern, consistent with the higher activity that took place on the northern hemisphere late 2011.

All the above arguments are of course only indirect indications for a maximum that has not happened yet. Moreover, solar observers are well aware that the Sun isn't shy of pulling a new trick out of her sleeve. Nonetheless, a SC24-maximum that is yet to come (2013 - see SIDC-prediction charts at [http://www.sidc.oma.be/sunspot-index-graphics/sidc\\_graphics.php](http://www.sidc.oma.be/sunspot-index-graphics/sidc_graphics.php)) is at the moment a lot more likely than the claim that the maximum took already place (late 2011).

(STCE Newsletter via Nigel Holmes)

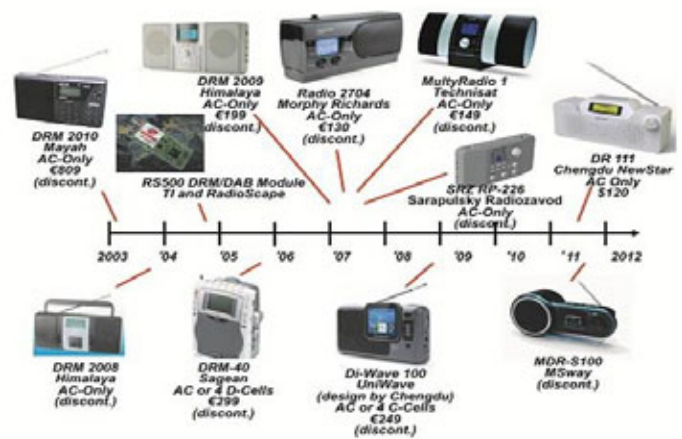


Figure 3: The evolution of DRM shortwave "stand-alone" portable receivers has left many artifacts behind.

(CS) 🤖



# Broadcast Band & Utility

edited by John Wright

**Address:** 29 Milford Rd, Peakhurst NSW 2210.

**Email:** dxer1234@gmail.com

**Phone:** 0416 766 490 for any items for the column.

Hi folks, John Volpato, from Canberra.  
A few logs this evening:

8867 USB @1148z Hawaiian 466 wkg San Francisco with position report (JV)



8903 USB @ 1043z Jetstar Asia 764 Osaka to Manila wkg Manila with selcal check BFAL (JV)

8942 USB @ 1037z Singapore wkg Indonesian 8203 advised to contact Singapore radar on 123.7 (JV)

8942 USB @ 1214z Singapore radio wkg MLM 021 (Comlux Malta / 9H - AFK / cn 2592) selcal DLMR (JV)

8942 at times a cacophony of voices - propagation from both Singapore and Philippines booming into VK this evening a couple of nights ago there was HFDL Shannon IRL ground station traffic as well. (JV)

Good DX to all from Canberra 73's John in VK 1 using a NRD545 Wellbrook ALA 100 antenna.

John Wright, Peakhurst NSW Icom R8500 EWE antennae. No reports but plenty of listening on the broadcast band.

I was listening to 1665 2MM in Sydney and they were talking about the surprise of getting letters from Finland and the USA, but people hearing the station via a "Real Radio", not connected to the internet! You have to laugh. Also they had an ID and mentioned their station on 8MM 1656 kHz Darwin, so that's a new one for the lists.

## QSLs

666 Radio Yesteryear (pirate), AHOY mates! ARDXC prepared card and SASE received a postcard stuck to the prepared card. Power stated as unknown! 2 weeks (Wright).

1647 4UCB Mackay and 4UCB 1692 Nanango QSL received in 2 weeks from "Catherine", who thanked me for the extensive reports for SASE also received car stickers for these locations. (Wright). 407 QSLs and 35 countries.

Folks, we could do with some contributions for the next edition. Merry Xmas Johnno.

## Coast comes to Gisborne



Coast, a music radio station for Gisborne's baby boomers is officially launched on Monday 19<sup>th</sup> November on 88.3FM.

"Coast 88.3FM fills a major gap in radio listening, catering for the 45-65 age group with a unique timeless music format," says The Radio Network's Gisborne sales manager Treva Rice.

"Coast plays songs from the late 50s to the early 80s, a special blend of artists such as Frank Sinatra, Neil Diamond, The Carpenters, Barbara Streisand and Elton John."

Extended news coverage is a feature of the station. Coast broadcasts Newstalk ZB news bulletins half hourly at breakfast, lunch and in the late afternoon.

"The Coast format is the result of extensive research by TRN into the preferences of the 45-65 age group," says Raylene Ramsay Coast content director.

"Baby boomers are the most influential and affluent generation in this country and have responded well to this music format we developed to appeal to them."

Coast has been a big success all around New Zealand, achieving number one ratings in a number of cities including Auckland, Rotorua and Invercargill in the recent October audience survey results\*.

"We see Coast 88.3FM growing the Gisborne advertising market," said Mr Rice. "It's a sign of The Radio Network's confidence in the district to have made this investment that complements our other very popular stations already serving Gisborne; Classic Hits, Newstalk ZB, Hauraki and ZM."

\* Research International, National Database 2 2012, 10+ Share Monday to Sunday 12mn-12mn

(Radio Network, [http://www.radionetwork.co.nz/trn/press-releases/all-press-releases\\_coastgisborne](http://www.radionetwork.co.nz/trn/press-releases/all-press-releases_coastgisborne)) – via NZ DX Radio League

# Shortwave DX Report

Editor: Kelvin Watts

**NEXT DEADLINE:** Friday February 1<sup>st</sup> 2013

**Address:** PO Bo 7106,  
Penrith South LPO, NSW 2750.

**E-mail:** [swdxreport@gmail.com](mailto:swdxreport@gmail.com)

*This section is for your musings; let us know what reports you have sent and what QSLs you have received. This is your Club, and saying that it would really be nice to know what you have been up to in the pursuit of our hobby. Also please take the time to update the Ladders. Thank you.*

Welcome one and all to the final SWDXR for 2012. This is a year I really wish to forget about. So hopefully 2013 will be so so much better. I must thank Johno for stepping in whilst I was away on holidays last month. Normally I can work around it but this time I made the conscious decision NOT to take the laptop with me. Instead I took my trusty iPad instead. Well without taking up much more time here, I will wish you all a very Merry Christmas to you all and all your families. I hope your New Year will bring everyone the wishes of your thoughts and manifest them in ways that you would not think possible. (That is of course if we survive 21<sup>st</sup> Dec). Take care one and all. Kel

**Eric Crocker, Adelaide SA.** Icom R70, Sangean ATS 803A, Longwire, Helical wound Vertical, Palstar AA30 Active Antenna.

Report on my recently purchased Palstar active antenna. (Thanks Paul). Reception on SW using built in whip is quite poor, but improves considerably when connected to a picture rail antenna, but when it is connected to a long wire a gain of 1 to 2 "S" points is obtained on the Sangean. On LW it raises NDB beacons from zero to strength 3 with no breakthrough from my 3 friendly MW transmitters which are quite close, and tuning is quite sharp on LW and MW. Palstar showed slighter better gain than my Realistic active antenna which only tunes from 4 to 30 megs, whereas Palstar covers from 300 KHz to 30 MHz Strangely enough the Palstar did not give much improvement on my old Icom. I don't have room here for a long antenna so my 15m long wire is connected at the far end to the top of a helical wound vertical which has improved signals quite considerably!! 73's Eric

## **Bruce Portzer**

Welcome to the Shortwave DX Report Bruce. His contribution came via Johno and you will find all Bruce's QSL information in the trail below. (*Great to have you with us Bruce - Kel*)

**Dennis Allen, Milperra, NSW** Icom R75, Dipole

Reports Out: Radio Japan via Kranji 11740 @ 1000;  
R. Romania International 17780 @ 0630.

Here we are with the final report for the year. Looking back it's been a fairly good year for me with a steady (although fairly small) supply of reports out and QSL's in. Which reminds me, I had a bit of a whinge about VOA's lack of replies last month and, lo and behold, a short time later I received a large package in the mail! However all it contained was this year's calendar and a pocket world atlas, so still no QSLs!

Still, on a much more cheerful note, I had a great time at the Bathurst AGM, mingling with some familiar although not often seen faces, and the time was made much more enjoyable by the hospitality and friendship shown to us by the Bathurst members.

On that pleasant note I would like to wish all members a "Merry Christmas" and a "Happy New Year", and return to updating my bandcharts (*Dennis, please accept my apology over my stupid mix-up on your October musings. I will try harder-Kel*)

**Börje Jansson, Sweden,** Sangean ATS 909" 'mini-receiver' & 36mtrs of army surplus wire

For the first time in years, I've been able to do some serious SW-listening. An old DX-friend invited me to join him, and his dog, at he's lakeside cottage 'in the wilderness', or outback as you say. A four day trip to an absolutely QRN-free location (closest neighbour is 800 miles away) produced some great hearings, at least compared to what I hear from home. To you guys, the stations I managed to pick up might not be 'DX', but to me they are... With help from two guys from the local radio club, two long wires (50m & 80m long) were put in place. RX used was an ICOM R75. Propagations favoured Asia/Pacific and Africa. Not a single station from South America was heard, which is a bit disappointing. No reports out as usual. To me, these days, it's enough to hear/log the stations. I hope to re-visit this great QTH in March-April next year, when, hopefully, the show is gone. You guys enjoy your summer while I battle the snow for the next 4-5 months!

73 de Börje ARDXC749

**Eric Gauja, Peakhurst , NSW** Perseus SDR, Collins R390A, Tecsun PL660, Homebrew multiband dipole.

Since my last contribution in August, I have undergone somewhat of a "seachange" in my equipment lineup. I had been less than impressed in the past with computer controlled SDR receivers, but reading Dave Onley's comments on his Perseus, and researching past SDR reviews, led me to buy the Perseus SDR (designed and made in Italy). My decision was influenced by the current good \$AUD exchange rate, which meant a very good price for the Perseus from the Martin Lynch company in the UK, with no VAT or GST payable. I did also consider the Winradio Excalibur, but this was more expensive than the Perseus, and in my opinion its RF design is not as good as the Perseus (which has a bank of preselector filters at its input – you have to pay out a lot more for the Excalibur Pro model to get preselector filters from Winradio). The other problem that I had with SDR's was the computer,

which in my past experience could cause a lot of RF interference. However, the combination of the Perseus with my current HP laptop showed no RF interference! I was very pleasantly surprised. The Perseus itself is powered by a 5V plug pack switchmode supply which I thought I would have to replace with a linear supply, but it seems to have no RF hash associated with it. Perhaps the fact that the switch mode supply is made in Germany rather than China is significant?

I have spent the last few weeks familiarising myself with the Perseus, and it is very nice indeed. Signals sound very clear, and you can adjust filter widths to whatever you want, pass band tune, noise reduce and noise limit etc. The spectrum scope display is fantastic for checking band conditions and occupancy at a glance. A lot of tuning and adjustment can be done using the mouse wheel, and I am actually now preferring this to conventional knob twiddling. A really useful feature is that you can download the latest Eibi schedule information, and have it displayed in a section of the Perseus receiver screen – you tune a signal, and if it is in the Eibi schedule, all the relevant information comes up, at the correct time! It is almost like cheating – Craig may have to ban or handicap Perseus owners from the Trail! And I have not yet even tried the Perseus recording/playback facility, which is another main reason for the popularity of SDR's.

So at the moment, I am very fortunate in having examples of both state of the art (Perseus) and classic vintage (Collins R390A) receivers to play with. I will say however, that when properly tuned and adjusted, the Collins sounds just as good as the Perseus, so the 390A is still a keeper for me. There is a terrific 390A support group on the internet-a while back, I had the local audio output transformer fail in my Collins – I was able to continue listening by switching to the line audio output, and an email to the group regarding any spare output transformers got me 3 replies within a few days – within another two weeks I had a replacement transformer sent to me by another group member, just for the cost of postage!

Another year has just about finished, and I would like to wish everybody reading this a good and peaceful Christmas season and happiness and health in 2013.

**Craig Seager**, Bathurst NSW (Icom R75, Racal RA-6790/GM, Racal RA17, Horizontal Loop, Folded Dipole, Homebrew Loop)

Thought I'd better drop a note for the last issue of the year. Apart from preparing for the summer VHF DX season; have been playing around with broadband loops. John Schache put me onto a design, which incorporates a low noise amplifier that comes in kit form from Bulgaria (of all places). You can read about the AAA-1B at <http://active-antenna.eu/>. Finally put one together a week or two ago, and I have to say I'm mightily impressed. The main objective was directionality on mediumwave, which has been a washout from home – but I have to say that performance across the HF range is very good as well. Although the wire antennae here have better gain on a couple of bands, across the range the loop has far better recovered audio, and when situated away from the house, is a more compact and effective solution that has fundamentally rekindled my enthusiasm. Further

experimentation is needed, particularly with placement and height, but for something like \$130 including the kit, control board & a few other bits and pieces from Bunnings to make the loop itself, I wouldn't bother too much with expensive commercial designs from the likes of Wellbrook.

Another project has been connecting up my R75 and R7000 to the computer, so that I only have one control panel to operate. This has also been successful, using a free download called Ham Radio Deluxe. Gives full control of all R75 functions, and limited control of the older R7000 – all via serial interface. Other features include built-in gray-line maps, logbook and frequency database. I think I'm only just scratching the surface so far, but very useful!  
73 Craig

**Jack Wachtershauser, Kelmscott, WA** Grundig 400 Yacht Boy. With a 5 metre high cable to TV antenna.

Reports Out:

All India Radio, 11670 @ 00:00; 9705 @ 00:00.  
Deutsche Welle via Rwanda. 15275 @ 06:00; 13780 @ 06:00. Voice of Vietnam, 9840 @ 23:00; 12020 @ 23:00.  
Voice of Russia, 21820 @ 08:30; 9560 @ 12:30.  
China Radio: 11790 @ 23:00;  
.Radio Japan: 17400 @ 12:00; 9560 @ 11:00.  
Voice of Taiwan, 7445 @ 11:00; 15320 @ 03:00.  
Vatican Radio: 9580 @ 00:00, 12035 @ 23:15.  
Voice of America: 11840 @ 23:00; 15185 @ 01:00.

It is certainly warming up over there in the eastern states of Australia, and over here it felt more like winter last week, with very strong winds and rain. There was no power for about 9 hrs however there was no damage done to our units.

As for QSL cards, Russia sent an email the day after I sent the report in. China Radio sent a schedule, + The Messenger. Radio Japan a schedule. Vietnam sent 9 QSL's covering Sept. It looks like QSL cards are a thing of the past, doesn't it? There was an email from Ying Lian from CRI China, with a survey, all to do with the internet, smart phones & ipads etc, something I know nothing about. Cheers for now, Jack & Sue.

**Stewart Lessel**, Tokyo, Japan (Sony ICF SW 7600GR Receiver, Sony Antenna An-12)

Reports out: KBS World Radio 9580 0200, China Radio International 13590 0400, Voice of Russia 15360 0400, All India Radio 15410 1000.

QSLs received: Radio New Zealand International 11725, WYFR Family Radio Network 9465

Stewart will also report about visiting Okinawa, in the next edition.

**John Wright**, Peakhurst NSW (Icom R8500 EWE antennae, Tony Magon pre amp))

Reports to Iran 21575 1030, WEWN 15610 2330, Veritas 15400 0000, WHRI 9620 0630, KJES 7555 0630, QSL's Seoul 9860, CRI via Cerik (Albania) 13710, Hanoi 9845, Veritas 15400. At least got some reports out but not all that exciting. Xmas is only just over 3 weeks away, the year has flown past, Merry Xmas to all. John

## QSL REVIEW

### BULGARIA

Mighty KBC 9500 kHz, e-mail QSL in 5 hours for an email report to [themightykbc@gmail.com](mailto:themightykbc@gmail.com) (Portzer)

### CHINA

China Radio International 13720. A F/D "De'and Ethnic Minority Group" card in 2 months. Also a "Thank You" card V/S Ying Lian. (Allen)

### COSTA RICA

Radio Exterior de Espana, sent QSL cards for Dec 2011 report (9675 kHz) in 276 days and August 2012 report (9630 kHz) in 30 days. Both were for Spanish email reports sent to [ree@rtve.es](mailto:ree@rtve.es). The two QSLs were mailed in separate envelopes but arrived on the same day. Both cards were F/D except for tx site. (Portzer)

### ECUADOR

[and non] - HCJB Mt. Pichincha site, 6050 kHz, sent QSL cards for June and December 2011 reports in 437 and 276 days, respectively. The station also enclosed a short note apologizing for the delay. Both were for postal reports with audio CDs and MS or \$3. The cards were sent in the same envelope with a QSL card for the 11920 kHz Portuguese service via Germany (59 days). All three reports had been sent to HCJB Global Voice, Casilla 17-17-691, Quito, Ecuador. (Portzer)

### JAPAN

R. Nikkei 9595. A F/D card with views of Radio Nikkei buildings and studio in 10 days. (Allen)

R. Japan 11740. A F/D "Fallen Autumn Leaves on a Lake" card in 20 days. (Allen)

### RUSSIA

Voice of Russia Arabic Service 12060 kHz via St Petersburg, sent attractive F/D QSL card, sticker, calendars, & pennant in 50 days for report with audio CD and IRC mailed to Mikhail Timofeev, Saint Petersburg Regional Centre, 3 Akademika Pavlova St, Saint Petersburg 197022, Russia. (Portzer)

### SRI LANKA

IBB Transmitting Station (VOA 12075 kHz) sent nice F/D QSL card in 113 days. The report was mailed to the P.O. Box listed in WRTH, but the return address on the envelope was c/o the U.S. Embassy, 210, Galle Road, Colombo 3. (Portzer)

### TAIWAN

Sound of Hope 9450 kHz, sent QSL card and stickers in 50 days. I initially sent an email report with an MP3 file to [info@sohnetwork.com](mailto:info@sohnetwork.com) and then a postal report with audio CD to Sound of Hope International, 6-4, Lane 84, GuoTai Street, North District, Taichung 404 Taiwan. I don't know which one resulted in the reply. (Portzer)

R. Taiwan International 9465. F/D "Courtyard with Banana Tree" card in 6 weeks. Also a newsletter and a small "Heart with Arrow" battery-powered desk light! (Allen)

### TURKEY

Voice of Turkey 7205. F/D card showing an example of Ottoman architecture in 5 weeks. Also included a drinks coaster with a view of Cappadocia. (Allen)



## Shortwave Ladders

Name	C o u n t r i e s	D e l e t e d	S t a t i o n s	Q S L s	U p d a t e d
John Wright	172	8	622	1565	Sep 12
Bill Smith (USA)	157	-	-	-	Aug 12
Alex Wellner	143	7	253	373	Aug 12
Borje Jansson	139	26	270	350+	Sep 12
Dennis Allen	134	5	291	823	Dec 12
Colin Stewart	134	-	252	2124	Jul 12
Chris Elliott	130	1	284	526	Sep 12
Hans Kiesinger	122	4	225	619	May 11
Kelvin Watts	117	5	189	271	Dec 12
Gavin Hellyer	111	2	195	242	May 12
Glenys Dunn	110	4	231	294	Sep 12

If you wish to be on the ladder, or your details are incorrect, please contact Kelvin Watts.



Image courtesy of Western  
Historic Radio Museum

# Clippings



***A roundup of  
radio-related  
information from  
the world press.***

**Compiled by Craig  
Seager**

## **Radio "Mayak" Gone From a Rural Road and Air Soon.**

RTR decided to stop with January 1, 2013 broadcast on "Mayak / Lighthouse" program in the long and medium waves, causing radio silent outside cities.

After January 1, 2013 of the "Lighthouse" will be broadcast only in FM and VHF. These FM frequencies used for broadcasting in the cities because of the small radius of the transmitter.

Russian State Television and Radio Broadcasting Company (RTR) last week sent a letter to the state company RTRS notice of termination of funding for services RTRS broadcasting radio "Mayak" on long (LW) and medium (SW) waves across Russia. This "News" said a source close to the RTR. In addition, since the beginning of the new year is significantly reduced and foreign radio "Voice of Russia", and some of the country areas will stop by broadcasting altogether.

Transmission is in LW and SW heard almost the entire populated area of the country, including remote and rural areas, as well as roads outside built-up areas. Therefore, termination of broadcasting "Mayak" in these bands will make it inaudible in rural, suburban areas and on the roads.

According to the source, "Izvestia", the cessation of broadcasts of "Mayak" in the LW and MW due to economic factors:

RTR profitable to spend money on it because of the virtual absence of broadcasting in non-urban air advertising revenue of the company. With the departure of "Mayak" from LW and MW in most parts of Russia outside the city the population will become available for the first in the USSR laundry information and music radio, operating since 1964. In the "provincial" air, so there will be only "Radio Rossii".

The decrease in broadcasting on January 1, take and Radio "Voice of Russia", working in foreign countries.

Deputy chair Alexander Shirokov Nov 8th informed the RTRS letter, the content of which acquainted "Izvestia". Of the letter that reduced broadcasting company in all frequency bands with transmitters located in Russia.

In particular, short wave (SW), total broadcasting reduced to about 26 hours a day compared to 50 hours in 2012. Also, in the letter of broadcasting is defined only for the 1st quarter of 2013, whereas usually the "Voice of Russia" RTRS agrees with the scope of services for the broadcasting of their programs for at least six months, or even a year.

The decline in broadcasting "Voice of Russia" corresponds to a reduction of financing services company RTRS. The notification "Voice of Russia" states that it plans to submit in 2013 to pay for their broadcasts radio centre RTRS from Russia no more than 220 million rubles, compared to about 550 million rubles in 2012.

At the same time, according to informed sources in the industry, the "Voice of Russia" in the coming year and will refuse to lease three of the four foreign transmitters, which were conducted with the broadcasting company. As a result of these factors, some of the country's "Voice of Russia" does no longer broadcast. Among them, for example, Serbia, Croatia, Spain, Portugal, Iran, Afghanistan, as well as Ukraine and Moldova.

Official representative of the RTRS Igor Stepanov confirmed a downward trend in recent years of broadcasting "Voice of Russia". As for the care of "Mayak" with LW and MW bands, at the moment he does not know about the official notification to this effect.



Source "News" in the "Mayak" confirms plans to stop broadcasting on long and medium waves and maintain the existing network broadcasting in FM and VHF.

IT specialists are concerned about the fate of the powerful broadcasting due to the reduction of its use for an inclusive broadcasting in Russia and other countries, because the public broadcasting station "Radio Russia", "Mayak" and "Voice of Russia" today provide the main load of this type of broadcast.

The corresponding reduction in pay for the powerful Russian broadcasting, according to experts, is threatening to collapse. According to them, the situation became critical after this June, the Russian government has decided to stop funding the modernization of powerful

broadcasting. Before that, it was planned to allocate from the state budget 13.7 billion rubles for the installation of new equipment and replacement of the existing, worn which is 80-100%.

Chairman of the consortium, "Digital Broadcasting Technology Platform" (CTPD) Andrew Bryksenkov believes that reducing the revenues from broadcasting "Mayak" and "Voice of Russia" can lead to the complete closure of some centres transmitting RTRS. Among these centres in St. Petersburg, Krasnodar, Khabarovsk, Kamchatka and in the suburbs.

In turn, the disabling of a powerful radio broadcasting centres can lead to negative consequences, including a reduction in the reliability of systems alerting the public in emergency situations, and reduced levels of security and defence. This is especially evident from the fact that now in Russia there are only 65 transmitters, providing a powerful internal national radio, against 624 in China and 637 in the United States - said the expert.

Media specialists believe that the failure of "Mayak" from broadcasting on long and medium waves may be associated with cost optimization.

This step is quite logical, because the "Lighthouse" thus concentrates its listeners on shortwave. And those students who live in remote parts of the country, can listen to "lighthouse" on the wired radio, which has not been cancelled - the president said Media Holding Alexander Shkolnik.

Anyway, people in rural and remote areas will have to forget the call sign of "Mayak", since wire radio in these places, or never had, or has been curtailed in recent years. Today, networks wired radio preserved mainly in the big cities - Moscow, St. Petersburg, Novosibirsk, etc. In most regions of Russia wire radio active retirement. For example, it turned out, "News", outside Novosibirsk in wire radio all stopped working. Around the Krasnodar region registered only about 100 thousand pixels wired radio, and even in fairly large cities the number of users wired radio does not exceed 1-2% of the population.  
(*Izvestia, via WWDXC Top News*)

## **New Iban Language Radio Station in the Offing**

Posted on November 21, 2012, Wednesday

KUCHING: Radio Kenyalang will be the latest radio station to be transmitting through short wave, and it is bound to be courting controversies once it gets on air soon.

Reliable sources said the RK, which will broadcast in Iban, is linked to Sarawak Workers Party (SWP). And just like SWP, RK will be BN-friendly but will hit out at Parti Rakyat Sarawak (PRS) the party it declared it would contest against in the coming election.

The source also mentioned that RK will be something like Radio Free Sarawak (RFS).

It will be headed by Lester Melanyi, who is the SWP media

unit chief. Lester, who has vast experience in journalism mostly in the print media, was at one time with RFS in London for a year.

When interviewed via email, Lester said he and a group of friends were in Kuala Lumpur and in London to work out the details on how to operate the station. "We will get our airwave right from World Radio Network in London, meaning we will broadcast direct from London," he said.

Asked whether RK will be based in London or Sarawak, Lester was evasive and merely said: "We are more than happy to operate from home but then again, we don't want to be harassed or watch our back all the time." "Let's just wait and see. Moreover, we hope the radio will be up and running in a matter of weeks. For a start, we will go on air for an hour," he added.

SWP prime mover and now advisor Dato Sng Chee Hua also has years of experience in the media industry. He was once the owner of The Malaysian Today, a local tabloid.  
(*Borneo Post*)

## **New Transmitter Allows Radio Hargeisa to be Heard Worldwide**

By Barkhad Dahir in Hargeisa

November 08, 2012

Radio Hargeisa can now be heard across Somalia and beyond after the station acquired a shortwave radio transmitter with a 100-kilowatt capacity.

The government-owned radio station, which was established in 1944, was the first radio station in Somalia. It was badly damaged in the late 1980s but was rebuilt in 1992 after the collapse of the Somali central government.

For the past 20 years, the radio station has operated on an FM frequency with a broadcasting capacity limited to Hargeisa. But now that has changed.

"The new radio transmitter, which has a capacity of 100 kilowatts, was officially opened on October 18th, and that has for the first time enabled Radio Hargeisa to be heard all over the world," station director Said Aden Egeh told Sabahi.

The older transmitter had a radius of only 40 kilometres, whereas the new antenna can reach audiences worldwide if the right frequency is used, he said.

Hargeisa-based Brothers Trading Company was issued the contract to import the new radio transmission equipment, according to Somaliland Ministry of Information Director General Abdirashid Jibril Yusuf.

The equipment was purchased from and installed by BBEF, a Chinese technology company, at a cost of about \$1.4 million to the Somaliland administration, Yusuf told Sabahi. Importing and installing the equipment began in April and took about six months to complete.

"For more than ten years, the government has wanted to

complete this task, and we are happy that we finally reached our goal," Yusuf said.

"People [outside of the city] can for the first time listen to the sound of Radio Hargeisa," Egeh said. "That will give them an opportunity to listen to the news, announcements, programmes and also the entertainment we broadcast."

Egeh said the new radio transmitter is important to help citizens stay informed about the laws, announcements, decrees and services of the regional government. The radio station broadcasts in Somali, English and Amharic ten hours per day. As preparations are under way for Somaliland local council elections, the station's expanded reach is important so that citizens can keep up with political campaigns, he said.



Egeh said the radio station tries to be neutral in its coverage of political parties and candidates. "We have allocated equal time for the political parties so they can inform the public on their political agendas," he said.

The government-owned radio station is the only radio station currently operating in Hargeisa. Ibrahim Ahmed Shine, a 30-year veteran technician of Radio Hargeisa, said the government has not done enough to allow private radio stations to enter the market.

He said the ruling party Kulmiye promised in the 2010 election campaign to allow the opening of independent stations, but it has not kept that promise, even though private radio stations are proliferating in the rest of Somalia.

"The law permits their opening, but the government refuses to issue independent radio station licences," he told Sabahi.  
(Sabahi)

## Adventist World Radio Increasing Language Offerings in Africa, Asia

Nov. 06, 2012 Silver Spring, Maryland, United States

Adventist World Radio next year will increase the frequency or length of several programs in Asia and Africa, bringing the amount of content close to previous levels before cost-cutting measures several years ago. Adventist World Radio's flagship studio in Guam broadcasts

programming across Asia in more than 30 languages. [photo courtesy AWR]

At a recent meeting of AWR's board of directors, leaders approved a nearly \$600,000, or 20 percent, increase in airtime budget to fund local language programming. Last year's budget for airtime was slightly less than \$3.3 million.



That move will also increase broadcast hours by about 20 percent next year, to more than 32,000 hours, up from 27,000 hours. The action specifically increases programming for 21 languages that AWR regional directors have identified as underserved. Those languages include Amharic, Somali, Panjabi, and Urdu.

"We are very grateful to God that we are able to expand this ministry wider and wider so that more people can hear the gospel in these languages," said AWR President Dowell Chow. "We are able to make this welcome change thanks to several years of solid financial stability."

This latest step is part of a wider expansion of the Seventh-day Adventist Church's broadcasting in the Eastern hemisphere. In July, Hope Channel, the church's official television network, announced investment for more programming in Africa, especially in local languages. AWR is also planning programming and developing infrastructure for broadcasts reaching Myanmar, Bhutan and Pakistan. Officials are also expanding the capabilities of the network's operations in Guam. There, several huge antennas broadcast programming in more than 30 languages into Asia.

The number of subscribers to AWR podcasts is also on the uptick. As of August this year, the ministry reported close to 2 million podcast subscriptions. From January to November of last year, there were more than 200 million total podcast downloads. Adventist World Radio is the official global radio ministry of the Seventh-day Adventist Church. Its mission is to broadcast the Adventist hope in Christ to the unreached people groups of the world in their own languages. AWR's programs can be heard in nearly 100 languages through AM/FM and shortwave radio, on demand, and podcasts at [awr.org](http://awr.org).  
(Adventist News Network)

(CS) 🗣️

# MUTINY ON THE BOUNTY

## **Sam Dellit - VK1DXA - Member ARDXC, MWC & NRC**

Since my earliest years of DXing, I'd always been intrigued by reports of DXers taking receivers and loop antennas on cruises. By checking out reception with unimpeded sea water paths in all directions, they were emulating the radio propagation research of the US Navy in the early 1900s. The more technically inclined will remember the development of the Austin-Cohen formula for estimating ground wave field strength and how that in turn laid the basis for the development of the theory of radiofrequency wave propagation at low and medium frequencies.

So when a decision was made to do a cruise of the South Pacific, a briefcase packed with a Perseus SDR, HP laptop and Seagate 3TB external hard drive was included with the luggage. Pam and I had signed up for 16 nights on the P&O Pacific Jewel, 7-23 October. Itinerary included Noumea, 3 ports in Fiji, 3 ports in Tonga and Norfolk Island. The cruise was themed on the Mutiny on the Bounty; sailing over the recorded location of the mutiny itself (west of Tonga); a scenic cruise around Tofua Island where Bligh set footfall after the mutiny and where he made his decision to sail directly to the Dutch East Indies; and finally a day on Norfolk Island, where many of the descendants of the Bounty mutineers were relocated to from Pitcairn Island in 1856.

The excitement started even before we boarded the ship. The Perseus and peripherals came close to being confiscated immediately prior to embarkation. Sydney security staff took one look at the X-ray of my briefcase and called in the dogs. The sight of small coils of coax cable, common-mode chokes, impedance matching transformers and the like must have set off a chorus of alarm bells. A flat cardboard box with Perseus, preamplifiers and small batteries secured with cable ties and a host of interconnecting cables, I could see in hindsight, bore an uncanny resemblance to a homemade bomb. Over the next 45 minutes, I was grilled at length on the nature and purpose of each and every item. Fortunately, I had come equipped with my work security pass and a copy of my amateur radio licence. At one stage there were 6 security staff surrounding me. Prospects of cruise DX dimmed rapidly until Benny, P&O's chief of security arrived on the scene. Benny was a former marine radio operator and spoke my language. In the end only a small toolset was confiscated and the essential gear accompanied us to our cabin.

Despite all the initial trauma, DXing was not high on the agenda as part of the cruise. We spent a lot of time dancing on the several dance floors of the ship, watching the entertainment shows, and walked for hours checking out each of the ports we visited, (Noumea, Nandi / Port Denarau, Suva, Dravuni Island, Nuku'alofa, Neiafu, Kingston). But most non-port sunsets I would grab the

Sangean ATS-909 and pop out to the viewing platform on level 10 at the bow of the ship for 15 minutes of listening to the Pacific Islands stations (558, 666, 729, 1017, 1152, 1566) and the odd Hawaiian and North American on AM. On two evenings around midnight, I strung out 20 metres of wire across the sunbathing platform on level 10 at the stern of the ship and set up the Perseus for spectrum recordings. With almost 3000 persons onboard, the pedestrian traffic and ship security precluded any chance of sunset Perseus DX.

The following logs are all for around 1200z (+/- 2 minutes) on 15 October 2012. The ship was about 150km south of Tofua Island in the Tonga Group headed south for Nuku'alofa on Tongatapu. There's not much startling DX but it does give a good picture of semi-local reception in the region on the AM band. Absence of a directional antenna ensured constant low level splash from ANZ stations while absence of an electrical ground on the heavily marine painted deck made it impossible to properly ground and common-mode isolate the antenna from the laptop with frequent switch-mode spurs throughout the AM band. Once things settle down at work, I will post the spectrum recordings to the cloud in case anyone would like to experience AM radio from Tonga. Enjoy.



Pacific Jewel docked at Suva; Perseus listening from Deck 10, here the most heavily populated level.



Radio Norfolk outside broadcast van





Pacific Jewel docked at Noumea and dominating the streetscape, Sangean listening from platform above bow sign.



Sam enduring the harsh DX conditions at Neiafu while logging the local FM stations on the Sangean.



Tofua Island from the Pacific Jewel boardwalk.



A3Z, Nuku'alofa, Tonga antenna (believe me!) In amongst the palm trees, centre background. View from Pacific Jewel at anchor



Pacific Jewel at anchor Neiafu, Vava'u Group, Tonga.



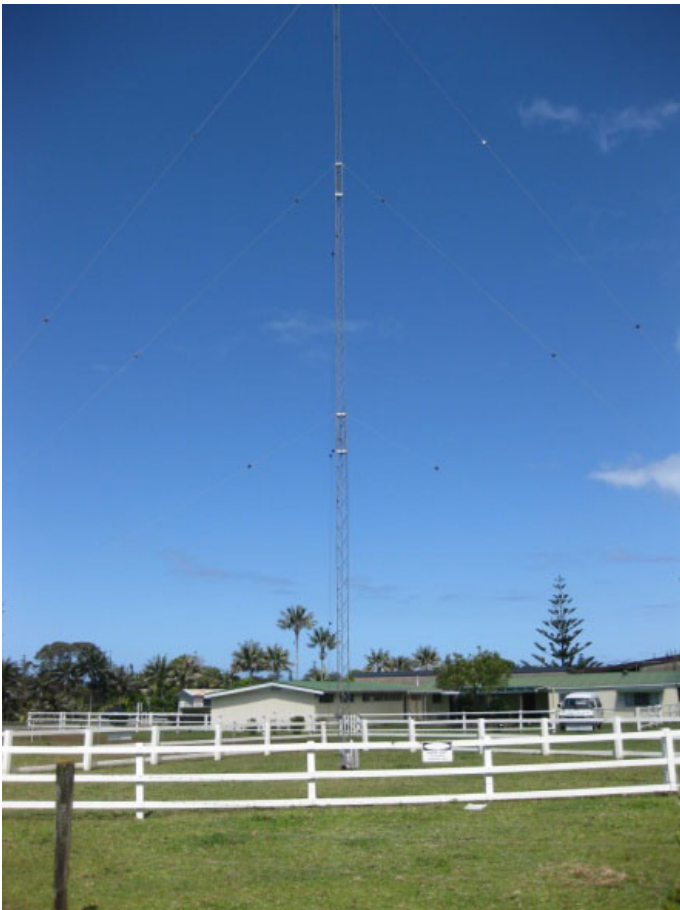
FM Broadcast and Comms tx site, Mt. Pitt, Norfolk Island



Sam on the bow with the Sangean, Dravuni Island, Fiji in the background.




Terrorist Sam and the bomb a.k.a. Perseus, preamps and batteries



Radio Norfolk, AM antenna with studios and facilities in the background.



Poster for R. Djiido at Kanak Cultural Centre, Noumea.

- 531 "531 PI", Auckland, NZL, exc 1200z w/another way under, w/island mx 1159, then Pacific language anct
- 540 "New Zealand's Rhema", New Plymouth + Tauranga synchronos, NZL, exc 1200z, w/promo 1202z "Have you ever jumped in the car and flicked on the radio and caught the tail end of an interview or segment that sounded exactly like something you wanted to hear more of, it's rough when you miss out, but you don't need to, a lot of our interviews and segments can be listened to online at rhema.co.nz, so next time you don't get the full story, head to www.rhema.co.nz and catch up on what you missed. Keeping you up to date on New Zealand's Rhema"  
R.2AP, Apia, Samoa, no evidence of this station, Rhema just too strong
- 549 "New Zealand's Rhema", Kaitaia, NZL, gd 1200z mxd/Trackside + another, w/contemporary Christian music  
R. Trackside, Napier-Hastings, NZL, gd 1200z mxd Rhema + another, w/horse racing commentary
- 550 KMVI, Wailuku, Hawaii, pr 1200z, pres. this w/solid carrier and audio at times, too weak to ID
- 
- 558 R. Fiji 1, Naulu, FJI, gd 1200z o/7BU + NZL, island mx then ID  
7BU, Burnie, Tas, fr 1200z u/FJI & mxd/NZL, w/local ads  
R. Sport, Invercargill, NZL, pr 1200z u/FJI & mxd 7BU, w/sports talk
- 560 Unid NA, pr 1200z, w/solid carrier & occasional audio
- 567 RNZ National, Wellington, NZL, exc 1200z o/another, w/6 kHz time pips then ID before nx 1200 "Radio New Zealand news at 1 o'clock, (Maori phrase), good morning, I'm Lloyd Scott"
- 576 2RN, Sydney, AUS, gd 1200z mxd "The Word", w/nx  
"The Word", Hamilton, NZL, fair 1200z mxd 2RN, w/relig tlk
- 580 KMJ, Fresno, California, pr 1200z u/switchmode QRM, w/tlk
- 585 7RN, Hobart, Tas, gd 1200z o/switchmode noise, w/talk & several mentions of "RN"
- 590 KSSK, Honolulu, Hawaii, pr 1200z, presume this, weak audio through switchmode spurs
- 594 NZ's Rhema, Timaru+Wanganui synchronos, NZL, fr 1200z o/another, w/EZL christian mx  
3WV, Horsham, Vic, gd 1200z mxd/Rhema, w/talk and several ABC mentions
- 603 R. Waatea, Manukau, NZL, gd 1200z o/2RN, w/island mx & Maori chants  
2RN, Nowra, NSW, gd 1200z mxd/Waatea, w/talk and "RN" mentions
- 610 KEAR, San Francisco, California, pr 1200z, presume this w/solid carrier and some weak audio
- 612 4QR, Brisbane, Qld, exc 1200z o/Rhema, canned promo "at 6-12 we're into it while the other breakie shows are still asleep, reporting the news, interviews, what's going on in Brisbane, breakfast from 5 weekday mornings on 6-12 ABC Brisbane"  
NZ's Rhema, Christchurch, NZL, fr 1200z u/4QR, EZL christian mx
- 620 KHNU, Honolulu, Hawaii, pr 1200z no ID, solid carrier + weak audio at times
- 621 3RN, Melbourne, AUS, gd 1200z o/Rhema, w/ABC nx  
NZ's Rhema, Dunedin+Whangarei synchronos, NZL, gd 1200z u/3RN
- 630 4QN, Townsville, AUS, gd 1200z mxd/2PB+RNZ, w/ABC nx  
2PB, "ABC NewsRadio", Sydney, AUS, gd 1200z mxd/2 others, w/ABC nx  
RNZ National, Napier-Hastings, NZL, gd 1200z mxd/2 others
- 639 2HC, Coffs Harbour, AUS, exc 1200z o/another, w/spot for Doust & Fitzgerald Ford Dorrigo, then canned ID 1200z "Complete news and information for the Coffs Coast, 2HC 6-39 AM, FM 100.5", always good to hear this stn since I planned the AM freq around 1980, then the FM translator a few years ago  
RNZ National, Alexandra, NZL, pr 1200z u/2HC, w/talk
- 640 KFI, Los Angeles, California, gd 1200z o/switchmode noise, w/talk
- 648 2NU, Tamworth, AUS, gd 1200z o/another, ABC nx
- 650 KRTR, Honolulu, Hawaii, fair to gd w/deep fades 1200z, EZL format, canned ID 1202 "Continuous relaxing easy favourites, on the all new 6-50 AM, KR-TR AM Honolulu"
- 657 Southern Star, Wellington+Tauranga synchronos, NZL, exc 1200z o/another, w/canned ID by MA at 1201 "great music, good company and a message of hope, Southern Star"
- 666 R. Nouvelle Caledonie, Noumea, NCL, gd 1200z o/another, w/FF tlk  
2CN, Canberra, ACT, fr 1200z u/NCL, w/ABC nx theme and into nx
- 670 KPUA, Hilo, Hawaii, pr 1200z, pres. this w/some audio in talk
- 675 RNZ National, Christchurch, NZL, gd 1200z o/another, w/6 kHz time pips then ID before nx @ 1200 "Radio New Zealand news at 1 o'clock, (Maori), good morning, I'm Lloyd Scott"  
2CO, Corowa, NSW, gd 1200z mxd/RNZ, w/Nightlife px before nx
- 684 2KP, Kempsey, NSW, gd 1200z o/NZL, w/ABC nx  
NZ's Rhema, Gisborne, NZL, fr 1200z u/2KP, w/contemporary Christian mx
- 690 KHNR, Honolulu, Hawaii, fr 1200z o/another, w/Fox Sports Radio
- 693 3AW, Melbourne, Vic, exc 1200z o/another, w/canned IDs "Talking Melbourne" & "3AW 6-9-3 News"  
4KQ, Brisbane, Qld, pr 1200z u/3AW, w/talk

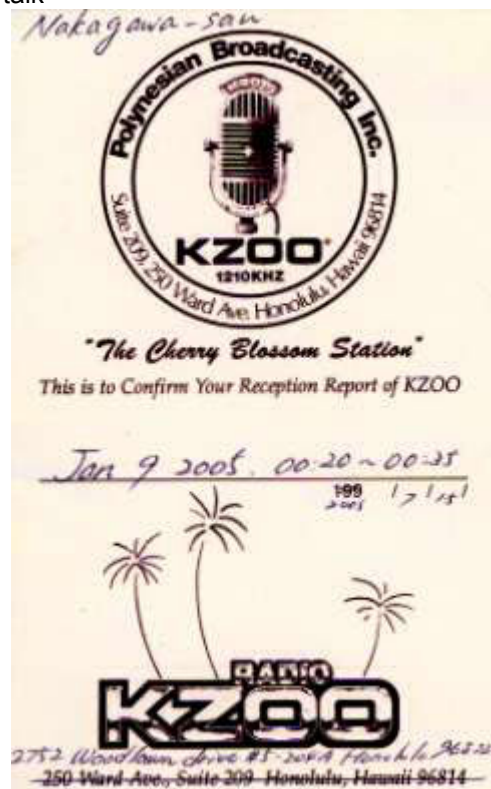
- 702 Livesport, Auckland, NZL, gd mxd 2BL w/canned ID @ 1200 "Radio Live, entertaining talk & news as it happens" 2BL, Sydney, NSW, gd 1200z u/Livesport, w/ABC nx
- 710 KIRO, Seattle, Washington, pr 1200z, w/talk
- 711 4QW, St George, Qld, fr 1200z o/another, w/ABC nx
- 720 RNZ National, Invercargill, NZL, exc 1200z o/KUAI, w/RNZ nx  
KUAI, Eleeele, Hawaii, fr 1200z u/RNZ, nx
- 729 R. Sport, Whangarei, NZL, exc 1200z o/NCL, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLBC coverage on the radio. We are Fox Sports Radio", no local ID  
R. Nouvelle Caledonie, Touho-Popome, NCL, gd 1200z mxd/R. Sport, FF sports nx 1200
- 738 Livesport, Christchurch, NZL, pr 1200z u/2NR, w/canned ID "Radio Live, entertaining talk and news, as it happens" then into nx  
2NR, Grafton, NSW, gd 1200z, w/ABC nx  
R. 1ère Polynésie, Papeete, French Polynesia, pr 1200z u/2NR + NZL, w/FF talk
- 740 KCBS, San Francisco, California, fr 1200z, w/nx



- 747 Newstalk ZB, Rotorua, NZL, gd 1200z o/another, w/breakout for local spot for chicken store in Rotorua Supermall, then networked px resumed for canned promo before 1200 nx  
4QS, Toowoomba, Qld, gd 1200z mxd/ZB + another, w/ID for "ABC Local Radio Queensland" then into ABC nx
- 750 Unid NA, pr 1200z
- 756 RNZ National, Auckland, NZL, exc 1200z o/another, tlk px w/6 time pips across talk
- 760 KGU, Honolulu, Hawaii, gd 1200z, canned ID "KGU Honolulu"
- 765 R. Kahungunu, Napier-Hastings, NZL, gd 1200z o/another, island mx
- 774 3LO, Melbourne, Vic, exc 1200z 0/Sport + 4TOO, w/canned ID by FA "774 ABC Melbourne, on radio, on line and on digital", then ABC nx theme and into nx by John Hall
- R. Sport, New Plymouth, NZL, fair 1200z u/3LO, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLBC coverage on the radio. We are Fox Sports Radio", no local ID  
Likely 4TOO, Townsville, Qld, very poor 1200z u/3LO + Sport, likely this
- 783 Access Radio, Wellington, NZL, exc 1200z, w/promo "Community Zone, Monday to Thursday, 5 to 6 pm on Wellington Access Radio, 783 AM"
- 790 KKON, Kealakekua, Hawaii, pr 1200z, presumed this w/solid carrier and some audio
- 792 R. Sport, Hamilton, NZL, gd 1200z o/4QG, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLBC coverage on the radio. We are Fox Sports Radio"  
4QG, Brisbane, Qld, fr 1200z u/R. Sport, w/ABC nx
- 801 NZ's Rhema, Nelson, NZL, fr 1200z o/asian, w/Christian contemporary mx
- 810 RNZ National, Dunedin, NZL, gd 1200z o/2BA, w/nx  
2BA, Bega, NSW, gd 1200z u/RNZ, w/ABC nx
- 819 RNZ National, Tauranga, NZL, gd 1200z o/2GL w/nx  
2GL, Glen Innes, NSW, gd 1200z u/RNZ, w/ABC nx
- 828 R. Trackside, Palmerston North, NZL, gd 1200z o/3GI, w/horse racing commentary  
3GI, Sale, Vic, fr 1200z u/NZL, w/ABC nx
- 830 KHVH, Honolulu, Hawaii, fr 1200z, splash 828 w/talk
- 837 RNZ National, Kaitaia+Whangarei synchronos, NZL, exc 1200z o/4RK, w/6 1kHz time pips then ID before nx at 1200 "Radio New Zealand news at 1 o'clock, (Maori phrase), good morning, I'm Lloyd Scott"  
4RK, Rockhampton, Qld, pr 1200z u/RNZ, w/ABC nx
- 846 2CY, Canberra, ACT, exc 1200z o/ZB, w/ABC nx  
Newstalk ZB, Masterton, NZL, pr 1200z u/2CY, w/nx
- 850 KHLO, Hilo, Hawaii, pr 1200z, w/tlk
- 855 NZ's Rhema, Hamilton, NZL, gd 1200z o/another, w/Christian contemporary mx
- 860 KTRB, San Francisco, California, fr 1200z o/another, ranchera mx & SS ancts
- 864 Newstalk ZB, Invercargill, NZL, gd 1200z o/another, breakout for local spot then network nx
- 873 2GB, Sydney, NSW, gd 1200z o/ZB + Trackside, w/Macquarie National News  
Newstalk ZB, Ashburton, NZL, fr 1200z u/2GB + mxd/Trackside, w/nx  
R. Trackside, Tauranga, NZL, gd 1200z u/2GB+ mxd ZB, w/horse racing commentary
- 880 KHCM, Honolulu, Hawaii, fr 1200z o/another, w/tlk
- 882 Southern Star, Auckland, NZL, exc 1200z o/another, w/canned ID by MA at 1201 "great music, good company and a message of hope, Southern Star"
- 891 TAB, Townsville, Qld, gd 1200z o/another, horse racing talk

900	7AD, Devonport, Tas, gd 1200z, mxd/2 others, w/promo "just go to 7AD.com.au and click on .."	1020	KTNQ, Los Angeles, California, fr 1200z o/another, w/canned ID 1200
909	Southern Star, Napier, NZL, gd 1200z o/another, w/spot then EZL Christian mx	1026	Newstalk ZB, Kaitaia+Whangarei "synchros", NZL, exc 1200z o/another, w/talk till 1158:30 then into local ads incl Thomson Bagley Auctions, audio echoing about half second behind, clearly out of synch
918	RNZ National, New Plymouth+Timaru synchros, NZL, gd 1200z o/another, w/nx	1030	XESDD, "La Tremenda", Puerto Nueva, Mexico, pr 1200z, pres. this w/SS tik
927	Newstalk ZB, Palmerston North, NZL, gd 1200z, w/talk	1035	Newstalk ZB, Wellington, NZL, exc 1200z o/another, w/talk till 1158:30 then into local ads incl Rutherford & Bond Toyota, into network nx
936	Chinese Voice, Waiuku, NZL, gd 1200z, w/CC tik		2EA, Wollongong, NSW, fr 1200z u/ZB, w/jingles for "SBS Pop Asia" px
940	KFIG, Fresno, California, gd 1200z in clear, w/ESPN pxing, new callsign and format ex KYNO, see also KYNO 1430 directing listeners to this new frequency for ESPN	1040	KLHT, Honolulu, Hawaii, gd at times 1200z but long deep fades, w/ID K-Light after light mx
945	Newstalk ZB, Gisborne, NZL, fr 1200z mxd/another, w/canned network ID	1044	Newstalk ZB, Dunedin, NZL, gd 1200z o/another, w/local spot "Beaumont & Bridgemount Optometrists, opposite the post office South Dunedin", then canned ID for Newstalk ZB by MA, then into network news
950	Weak NA, pr 1200z, solid carrier and audio at times, no chance of ID	1050	KTCT, San Mateo, California, gd at times 1200z but deep fades, w/ESPN sports coverage
954	R. Trackside, Hamilton, NZL, exc 1200z o/Coast + 2UE, w/horse racing commentary Coast, Dunedin, NZL, pr u/Trackside & mxd 2UE, w/easy listening 2UE, Sydney, NSW, pr 1200 u/2 NZ, w/talk	1053	Newstalk ZB, New Plymouth, NZL, gd 1200z o/another, w/canned EE ID 1200 "Wake up w/ Hosking, drive home with Williams, THE names in talk radio, on THE name in talk radio, Newstalk ZB" then into news
960	KNEW, Oakland, California, fr at times 1200, pres this w/talk		Anti-Imperialist National Democratic Front, Haeju, DPRK, gd at times 1200z mxd/ZB and ROK jammers, w/KK talk and military marches
963	4WK, Warwick, Qld, gd 1200 mxd/NZL, w/ID then into nx Southern Star, Christchurch, NZL, gd 1200 mxd/4WK, w/canned ID "Great music, good company and a message of hope, Southern Star"	1060	Weak NA, pr 1200z, solid carrier w/audio at times but no chance to ID
970	Weak NA, fr at times 1200z, too weak to ID	1062	R. Sport, Wanganui, NZL, fr 1200z o/another, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLBC coverage on the radio. We are Fox Sports Radio", no local ID
972	2MW, Murwillumbah, NSW, gd 1200z over Rhema and JJ?, w/ID "News, talk, sport and music, you're tuned to the Coast's most entertaining station, Radio 97", then into nx "New Zealand's Rhema", Wellington, NZL, poor 1200 u/2MW & mxd JJ?, w/promo 1202z HLCA, Dangjin, KOR, pres. this poor in JJ 1200z under 2MW & mxd/Rhema	1070	KNX, Los Angeles, California, gd 1200z o/another, w/US election talk, 1159 w/ID "This is KNX 10-70 News Radio"
980	Weak NA, fr at times 1200z, too weak to ID	1071	RNZ National, Masterton, NZL, fr 1200z mxd/3EL + R. Sport, w/talk R. Sport, Ashburton, NZL, fr 1200z mxd/3EL + RNZ, w/racing commentary
981	RNZ National, Kaikohe, NZL, gd 1200z mxd another, w/nx Southern Star, Timaru, NZL, pr 1200z mxd/2NM u/RNZ, canned ID then Christian contemporary mx 2NM, Muswellbrook, NSW, pr 1200z mxd/Sth Star u/RNZ, w/oldies	1080	Newstalk ZB, Auckland, NZL, exc 1200z o/another, w/local ads 1159 incl British American Tobacco New Zealand 2MO, Gunnedah, NSW, gd 1200z mxd/ZB, w/nx KWAJ, Voice of Samoa, Honolulu, Hawaii, pr 1200z u/ZB & 2MO, pres. this with talk in Samoan
990	R. Apna, Auckland, NZL, gd HH 1200z o/4RO + KIKI, w/Indian mx then HH ancts incl Bollywood style jingle "Radio Apna, totally yours" 4RO, Rockhampton, Qld, fr 1200z mxd/KIKI u/Apna, w/nx KIKI, Honolulu, Hawaii, fr 1200z mxd 4RO u/Apna, w/talk	1089	Radio Sport, Palmerston North, NZL, fr 1200z mxd/another, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLBC coverage on the radio. We are Fox Sports Radio", no local ID 2EL, Orange, NSW, fr 1200z, w/pop mx CNR6, Shenzhou zhi Sheng, Fuzhou, CHN, gd 1200z mxd/R. Sport + 2EL, pres this w/CC talk
999	Access Manawatu, Palmerston North, NZL, gd 1200z mxd 2ST, w/BBC WS nx 2ST, Nowra, NSW, fr 1200z mxd NZL, w/nx	1090	KPTK, Seattle, Washington, gd at times 1200z
1008	Newstalk ZB, Tauranga, NZL, exc 1200z over another, local ad 1159 for "Acorn Foundation" then 1200 network nx 4TAB, Brisbane, NSW, fr 1200z u/ZB, w/horse racing commentary		
1017	2KY, Sydney, NSW, exc 1158z o/another, w/canned ID by FA "Here, there, everywhere, you are listening to Sky Sports Radio, number one in		

- o/another, w/talk
- 1098 Newstalk ZB, Christchurch, NZL, gd 1200z mxd/4LG, w/talk 1158  
4LG, Longreach, Qld, gd 1200z mxd/ZB, w/promo for 4LG Breakfast Club
- 1100 KFAX, San Francisco, California, gd at times 1200, w/talk
- 1107 Livesport, Tauranga, NZL, exc 1200z o/2EA, w/ID 1200, "Radio Live, entertaining talk and news as it happens", then news  
2EA, Sydney, NSW, pr 1200z u/NZL, w/jingle for SBS Pop Asia px
- 1110 KAOI, Kikei-Maui, Hawaii, pr 1200z, pres. this w/talk
- 1116 4BC, Brisbane, AUS, gd 1200z o/RNZ, with ID 1159 "4BC news is next, and then the conversation continues with Walter Williams. Join the conversation on ..., 11-16 4BC", then news  
RNZ National, Nelson, NZL, fr 1200z u/4BC, w/talks
- 1120 KPNW, Eugene-Springfield, Oregon, fair 1200z o/another, ID 1200 "11-20 KPNW Eugene-Springfield"
- 1125 R. Sport, Napier-Hastings, NZL, gd 1200z o/another, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLB coverage on the radio. We are Fox Sports Radio"
- 1130 KPFI, Honolulu, Hawaii, pr 1200z mxd another, pres. this
- 1134 3CS, Colac, Vic, gd at times 1200z mxd/another, promo then "3CS news"
- 1140 KHTK, Sacramento, California, gd 1200z o/another, with Fox Sports Radio
- 1143 RNZ National, Hamilton, NZL, exc 1200z o/2HD, time pips then "Radio New Zealand news at 1 o'clock"  
2HD, Newcastle, NSW, pr 1200z u/RNZ, w/canned ID "11-43 2HD"
- 1150 KTLK, Los Angeles, California, gd 1200z mxd SS, w/talk
- 1152 2WG, Wagga Wagga, NSW, gd 1200z mxd/ZB & Fiji, w/ad for Battery World  
Newstalk ZB, Timaru, NZL, gd 1200z mxd/2WG & Fiji, w/network nx  
R. Fiji 1, Raki Raki, NZL, gd 1200z mxd 2WG & ZB, w/island mx
- 1160 KSL, Salt Lake City, Utah, fr at times 1200z o/SS, w/talk
- 1161 Te Reo Irirangi o te Upoko o te Ika, Wellington, NZL, gd 1200z mxd/4MB, w/island mx  
4MB, Maryborough, Qld, gd 1200z mxd/ NZL, w/talkback
- 1170 2CH, Sydney, NSW, gd 1200z o/KLOK, w/canned ID "news and information for Sydney, 2CH" then Macquarie National News  
KLOK, San Jose, California, fr at times 1200z, mxd 2CH & KFAQ, pres. this w/asian lang talk (or KOR in JJ?)  
KFAQ, Tulsa, Oklahoma, fr 1200z mxd/2CH + KLOK, w/talk
- 1179 Radio Ake, Auckland, NZL, gd 1200z o/another, with ID 1159z just "Ah kay", then EE pops
- 1180 Weak NA, 1200z, solid carrier and traces of audio, too weak to ID
- 1188 RNZ National, Rotorua, NZL, gd 1200z mxd/2NZ, w/nx  
2NZ, Inverell, NSW, gd 1200z mxd/RNZ, w/nx
- 1190 KEX, Portland, Oregon, fr 1200z mxd/another, w/nx
- 1197 Newstalk ZB, Wanganui, NZL, gd 1200z, w/network nx
- 1200 2 NA mxd, weak
- 1206 2CC, Canberra, ACT, exc 1200z o/another, w/canned ID "Let's celebrate our national capital and home of the Australian story, 2CC is a celebration supporter of the centenary of Canberra, on air, on line and on your iPhone, we're talking Canberra"
- 1210 KZOO, Honolulu, Hawaii, gd 1200z, JJ songs & talk



- 1215 Newstalk ZB, Kaikohe, NZL, exc 1200z, w/local spot then network canned ID and into nx
- 1220 XEB, San Lorenzo, Mexico, gd 1200z, w/SS mx then ID 1159:30 "XEB" and into promo
- 1224 2RPH, Sydney, NSW, gd 1200, ID "thank you one & all from 2RPH, your radio reading service", then into BBC WS nx
- 1233 2NC, Newcastle, AUS, exc 1200z o/Livesport, w/network promo "join Carol Duncan for great music and conversation, this afternoon from 1 to 3 on 12-33, ABC Newcastle"  
Livesport, Wellington, NZL, pr 1200z u/2NC, w/canned ID "Radio Live, entertaining talk and news, as it happens" then into nx
- 1242 3GV, Sale, Vic, gd 1200z, IDs "Gold 12-42 national news" & "Gold 1242, Ace Radio Network"
- 1251 NZ's Rhema, Auckland, NZL, gd 1200z, w/contemporary Christian mx
- 1260 R. Trackside, Christchurch, NZL, gd 1200z mxd/3SR o/another, w/horse racing commentary

	3SR, Shepparton, Vic, gd 1200z mxd/NZL o/another, w/sports talk	1368	Livesport, Napier-Hastings, NZL, gd 1200z o/2GN, w/canned ID "Radio Live, entertaining talk and news, as it happens" then into nx
1269	2SM, Sydney, AUS, gd 1200z o/another, w/canned ID by FA "12-69 2SM" then nx		2GN, Goulburn, NSW, fr 1200z u/Livesport, w/pops
1270	KNDI, Honolulu, Hawaii, gd 1200z o/another, w/EE pops and Filipino tlk, no TOH ID, 1202z ID "This is KNDI Radio 12-70 AM"	1370	KUPA, Pearl City, Hawaii, fr 1200z, w/TOH ID "This is KUPA AM 13-70 Pearl City, Honolulu"
1278	Newstalk ZB, Napier-Hastings, NZL, gd 1200z o/3EE w/canned ID	1377	R. Sport, Levin, NZL, fr 1200z mxd/3MP, w/relay Fox Sports Network, canned promo 1200
	3EE, Melbourne, Vic, fr 1200z u/NZL, w/talk		3MP, Melbourne, Vic, fr 1200z u/NZL, w/pops
1280	KXTK, Arroyo Grande, California, fr at times 1200z, pres. this w/ESPN mention	1380	KTKZ, Sacramento, California, fr 1200z o/another, pres this w/talks
1287	2TM, Tamworth, NSW, gd 1200z mxd/R. Sport, w/canned ID "your information station, 12-87 2TM" R. Sport, Westport, NZL, gd 1200z mxd/2TM, w/sport talk	1386	R. Tarana, Auckland, NZL, exc w/EE ID 1200 "Radio Tarana, keeping you up to date with everything Indian in Auckland, news, music, community events and Bollywood, it's all here on your Indian radio station, Radio Tarana 1386 AM", then into HH
1290	NAm, fr at times 1200z, no ID	1390	Unid NA, pr at times 1200z
1296	Newstalk ZB, Hamilton, NZL, gd 1200z o/4RPH, w/local ad 1159z "Colin's Footwear, under the big orange boot, Grey St, Hamilton East", into network nx 1200z	1395	Newstalk ZB, Oamaru, NZL, gd 1200z, w/canned promo "Wake up w/ Hosking, drive home with Williams, the names in talk radio, on the name in talk radio, Newstalk ZB" then into news
	4RPH, Brisbane, Qld, gd 1158z u/NZL, w/tlk then into BBC WS 1200z	1404	NZ's Rhema, Invercargill, NZL, gd 1200z mxd/2PK, w/Christian contemporary mx
1305	R. Dunedin, Dunedin, NZL, gd 1200z o/5RM, w/EZL then anct "Radio Dunedin news" and into nx		2PK, Parkes, NSW, gd 1200z mxd/Rhema, 1158z w/ad "Hozpots Garden Centre, a garden wonderland, No. 1 Cross St, Forbes"
	5RN, Renmark, SA, fr 1200z u/NZL, w/talk	1410	CFTE, Vancouver, British Columbia, fr 1200z o/another, w/ID "Team 14-10 is ESPN Vancouver" then "ESPN Radio, Sports"
1310	KMKY, Oakland, California, gd at times 1200z, pres. this w/tlk between MA & FA, Disney	1413	Newstalk ZB, Tokoroa, NZL, gd 1200z mxd/2EA, w/network nx
1314	RNZ National, Gisborne, NZL, gd 1200z o/Star + HPON, w/tlk		2EA, Newcastle, NSW, gd 1200z mxd/NZL, w/jingle for SBS Pop Asia
	Southern Star, Invercargill, NZL, fr 1200z u/RNZ & mxd HPON, w/contemp Christian mx	1420	KKEA, Honolulu, Hawaii, gd 1200z, w/ID 1200 "Hawaii's home for Warrior football, KKEA Honolulu is E.S.P.N. 14-20" then sports talk
	HPON, Wollongong, NSW, fr 1200z u/RNZ & mxd/Star, w/relay of 2KY and Sydney ads	1422	R. Hellas, Melbourne, Vic, gd 1200z mxd/another, w/Greek ballads
1320	KCTC, West Sacramento, California, fr at times 1200z o/another, pres. this w/ESPN	1430	KYNO, Fresno, California, gd 1200z o/another, very recent new call for KFIG (swap 940), w/continuous loop directing listeners to KFIG 940, "on Fresno's new home for ESPN radio, AM 9-40, switch over to 9-40 right now"
1323	Newstalk ZB, Hawera, NZL, fr 1200z mxd CRI, canned network ID	1431	2RN, Wollongong, NSW, exc 1200z o/NZL, w/ABC nx
	HPON, China Radio International, Canberra, ACT, fr 1200z mxd/NZL, w/tlk in CC		R. Kidnappers, Napier-Hastings, NZL, fr 1200z u/2RN, pres this w/pops
1330	NA, fr at times 1200z, SS ballads, no ID	1440	Te Reo O Tauranga Moana, Tauranga, NZL, gd 1200z mxd/another, pres this Maori talk
1332	R. Sport, Auckland, NZL, gd 1200z o/3SH, w/relay Fox Sports Network, canned promo 1200 "This is Tim McCarver and you are listening to the best MLBC coverage on the radio. We are Fox Sports Radio", no local ID	1449	JOWF, Sapporo, JPN, fr 1200z mxd/NZL, w/JJ talk
	3SH, Swan Hill, Vic, fr 1200z u/NZL, w/oldies and into nx		2MG, Mudjee, AUS, gd 1200z mxd/NZL, w/canned ID for "The Central Tableland's 2MG"
1340	Weak NA, fr at times 1200z, w/talk		RNZ National, Palmerston North, NZL, gd 1200z mxd 2MG, w/nx
1341	Newstalk ZB, Nelson, NZL, gd 1200z mxd/Sky & o/CC, 1158z w/local ads, then 1200z network ID	1450	Weak NA, pr 1200z
	Sky Sports R., Newcastle, Vic, exc 1200z mxd ZB & o/HPON	1458	RNZ National, Westport, NZL, gd 1200z o/another, w/nx
	HPON, Geelong, Vic, gd 1200z u/ZB & Sky, w/CC talk		2PB, Newcastle, NSW, gd 1200z u/RNZ, w/news
1350	2LF, Young, NSW, gd 1200z o/R. Sport, w/spot for Young Office Furniture, Lovell St, then canned ID "13-50 2LF, the sound of the south west slopes" and into news.	1460	KION, Salinas, California, gd 1200z o/KHRA, TOH ID "KION, Salinas" then Fox News Radio news
	R. Sport, Rotorua, NZL, gd 1200z u/2LF, w/relay Fox Sports Network, canned promo 1200		KHRA, "Radio Korea", Honolulu, Hawaii, gd 1200z
1359	Coast, New Plymouth, NZL, gd 1200z w/EZL		

u/KION, w/KK talk  
 1467 3ML, Mildura, Vic, fr 1200z o/another, w/nx  
 1470 Weak NA, pr 1200z  
 1476 R. Trackside, Auckland, NZL, exc 1200z o/4ZR, w/horse racing coverage  
 4ZR, Roma, Qld, fr 1200z u/NZL, w/pops, into nx  
 1480 KYOS, Merced, California, gd at times 1200z, w/ABC nx  
 1485 R. Trackside, Gisborne, NZL, exc 1200z o/another, w/horse racing coverage  
 1494 Southern Star, Hamilton, NZL, gd 1200z mxd/2AY, w/Christian EZL  
 2AY, Albury, NSW, fr 1200z u/NZL, w/nx  
 1500 KHKA, Honolulu, Hawaii, exc 1200z o/another, w/canned ID 1200 by MA "KHKA Honolulu is your radio home for Hawaii news now, Dan Packer and Yahoo Sport, the new AM 15-00, news, talk and sport", then sports news.  
 1503 R. Sport, Wellington, NZL, fr 1200z o/2BS, w/relay Fox Sports Network, canned promo  
 2BS, Bathurst, NSW, gd 1200z mxd/R. Sport, w/pop mx then into nx  
 1510 Weak NA, pr 1200z  
 1512 2RN, ABC RN, Newcastle, NSW, exc 1200z o/another, w/nx  
 1520 KOKC, Oklahoma City, Oklahoma, gd 1200z mxd/KVTA, w/talk



KVTA, Port Hueneme, California, fr 1200z mxd/KOKC, w/ABC nx  
 1521 R. Sport, Tauranga, NZL, fr o/2QN 1200z, w/relay Fox Sports Network, canned promo 1200"  
 2QN, Deniliquin, NSW, fr 1200 u/NZL, w/pops  
 1530 2VM, Moree, NSW, gd 1200z o/NZL, w/ad for Landmark Real Estate  
 The Wireless Station, Napier-Hastings, NZL, fr 1200 u/2VM, w/oldies  
 1539 Rete Italia, Sydney, NSW, gd 1200z, w/talk in II then px intro  
 1540 KREA, Honolulu, Hawaii, fr 1200z mxd/KMPC, w/KK tlk  
 KMPC, Los Angeles, USA, fr 1200z mxd/KREA, w/canned ID "You're listening to southern California's number one Korean language radio station"  
 1548 4QD, Emerald, Qld, exc 1200z o/2 NZL, w/canned EE ID 1200z by MA "ABC Local Radio Queensland" then ABC nx theme mx & into nx  
 R. Trackside, Rotorua, NZL, fr 1200z u/4QD & mxd/Coast, w/horse racing commentary  
 Coast, Palmerston North, NZL, pr 1200z u/4QD & mxd/Trackside, w/EZL  
 1557 Coast, Hawera, NZL, gd 1200z mxd/2RE, w/EZL  
 2RE, Taree, NSW, fr 1200z mxd/Coast, w/news  
 1560 KNZR, Bakersfield, California, fr at times 1200z,

pres. this w/talk  
 1566 3NE, Wangaratta, AUS, exc 1200z o/another, relaying 3AW 693, ID "Talking Melbourne" then nx  
 1570 KUAU, Haiku, Hawaii, gd at times 1200z o/another, concluding px "aloha and thank you for listening" then promo for "Voice of Victory" relig px  
 1575 Otago Access R., Dunedin, NZL, gd 1200z o/AUS, w/BBC WS  
 Rete Italia, Wollongong, NSW, fr 1200z u/NZL, w/II talk  
 1580 KBLA, Santa Monica, California, fr at times 1200s mxd/KMIK, talk in asian lang.  
 KMIK, Tempe, Arizona, gd at times 1200z, w/Radio Disney ID and promo for Winter Wonderland at Disney Land  
 1584 Coast, Napier-Hastings, NZL, gd 1200z o/another, w/EZL  
 1590 KUNX, R. Formula, Ventura, California, fr at times 1200z o/KLIV, w/SS talk  
 KLIV, San Jose, California, fr at times 1200z u/KUNX, w/nx  
 1593 R. Samoa, Auckland, NZL, gd 1200z o/Coast, w/continuous island mx  
 Coast, Christchurch, NZL, pr 1200z u/R. Samoa, w/EZL  
 1600 KGST, Fresno, California, fr 1200z o/another, w/SS talk  
 1602 R. Reading Service, Levin, NZL, gd 1200z mxd/another, w/continuous reading of a book  
 1610 Weak NA, pr 1200z  
 1611 Vision R., Sydney, NSW, gd at times 1200z o/several others, w/contemp. Christian mx  
 1620 2MORO, Sydney, NSW, gd 1200z o/several others, w/ME mx and AA ancts  
 1629 Several AUS MF-NAS mxd  
 1630 Weak NA, pr 1200z  
 1638 Voice of Huaxia, Brisbane, Qld, gd at times 1200z mxd several other AUS, w/songs in CC  
 R. Lebanon, Sydney, NSW, gd at times 1200z mxd several other AUS, w/talk in AA  
 1640 KDIA, Vallejo-San Francisco, California, exc 1200z o/another, TOH ID "This is 16-40 AM Vallejo-San Francisco" then into relig talk  
 1647 Unid MF-NAS, fr 1200z, talks  
 1650 Unid NA, solid carrier and some audio 1200z, no ID possible  
 1656 Voice of the Australian Chinese, Brisbane, Qld, gd at times 1200z o/another, w/CC talk  
 1660 KTIQ, R. Amistad Christiana, Merced, California, fr at times 1200z o/another, SS relig talks  
 1665 "2MM", Sydney, NSW, fr at times 1200z o/another, pres this w/GG talk  
 1670 Weak NA, pr 1200z  
 1674 Lion, Melbourne, Vic, fr at times 1200z, talk  
 1680 KGED, Fresno, California, gd at times 1200z o/another, pres this w/relig talk  
 1683.2 R. Club AM, Sydney, NSW, gd 1200z, w/GG talk and ads  
 1700 KBGG, Des Moines, Iowa, gd at times 1200z o/another, w/ESPN  
 1701 R. Brisvaani, Brisbane, Qld, gd 1200z mxd another, w/HH talk  
 V. of Charity, gd 1200z mxd Brisvaani, w/AA songs