



Black Bear (Ursus americanus) investigating my BOG 10 meters from my back door!

DXpedition to Haida Gwaii 19 August to 9 September 2008

During this past August and September I was able to seriously DX from my cottage sight near Masset, BC on the Queen Charlotte Islands, now more commonly known by their Haida name, Haida Gwaii. This year I put good use to a newly obtained AOR 7030+ (for exclusive use in Masset), as well as two SDR receivers: The SDR-IQ which I also used last September during the now infamous DXpedition along with notable DXers John Bryant, Guy Atkins, Chuck Hutton and Bruce Portzer, and the Perseus SDR which was not yet available last September. I have nearly 1.5 TB of audio files to have many month (?years) of fun searching for many more loggings than just the ones listed below. A back up receiver used mostly for parallel frequencies was my old NRD 535D. Antennae used were my permanent NS mini Beverage (about 400' terminated in the ocean with 950 ohm resistance), a 900' BOG to the NW and 2 ALA large circumference vertical loops....one N/NW to Europe used especially in the latter half of the dxpediton, and one to the W/SW used during the first half.



View of my beach looking northeast towards Tow Hill and Rose Spit at high tide. My permanent mini-Beverage terminates in the sand below the high tide zone here.

A first was also an overnight 12v DXpedition to Rose Spit, the north-east very long sandy spit extending many km into Hecate Strait/Dixon Entrance. At the time I had a number of issues with my Perseus receiver (which ended up being damaged due to heat from a loosely connected 5.5 v power supply and therefore was unusable for the rest of the DXpedition....an expensive repair! Still, while going through my loggings, I realized that this was truly a remarkable site with numerous loggings heard only there, and not in Masset (about 20 km distant, but 20 km away from the electrical grid as well!) and especially fantastic conditions to Australia/NZ. I was able to lay out several BOGs to the North (for Europe...mostly unsuccessful), to the NW (great for dawn enhancement to Asia), and SW (fantastic for Australia/NZ).



My Mazda B4000 4X4. Not a very comfortable vehicle to DX overnight, but essential to reach this site due to the very soft sand



Note the very tall grass growing on the sand, which was very difficult to walk through laying down the BOGs. There's ocean several hundred meters in the distance, in front, and about 50 meters to the right of the vehicle.

As I logged this very lengthy report, I suspect that I exceeded the totals from last years DXpedition, but then again I did DX for more than three times longer, although I was alone, vs the group effort last year! It's amazing to witness the huge changes that have taken place over the last couple of years with the introduction of the SDR. I simply can't imagine being without my Perseus SDR, which is now capable of recording the entire LW and MW spectrum with 1600 kHz bandwidth. On those very good openings, I think that it's an absolute necessity enabling one to check every frequency of interest during the TOH IDs, or interval signals, time pips or jingles. Well, enjoy the following list. As you'll see, I mostly concentrated on TP MW reception, although there is a smattering of TA stations (with my highlight being TWR in Benin on 1566 kHz), as well as a few Alaskan and Hawaiian stations. I'm looking forward to getting back to Masset (and also Rose Spit) for future DXpeditions!

Walter Salmaniw, Victoria, BC 24October, 2008.

153 RUSSIA Komsomolsk Radio Rossii, Sep 9 1247 - Heard virtually every morning. After 279, probably the most regular Russian LW heard this DXpedition, with levels often at 9. NW BOG or ALA 100 usually preferred antenna. // to other RR LW stations. 1200 kw listed power and it shows!. (Salmaniw, Masset, BC)

162 FRANCE France Inter, Allouis, Sep 6 0533 - Heard in French at 7.5 to 8 level on a decent TA evening. 1000 to 2000 kW sure helps!. (Salmaniw, Masset, BC)

162 FRANCE Allouis France Inter, Sep 6 0533 - 7.5 to 8 level signal with French programming, only heard once, and that was during a 12v DXpedition to Rose Spit. Great signal except for some digital hash...likely from my laptop. (Salmaniw, Masset, BC)

171 RUSSIA Yakutsk Radio Rossii, Sep 1 1235 - Not heard often, but on the best LW mornings, this frequency would propagate. 8 level on the 1st. Must be from Yakutsk (and not Oyash as I had reported last September as Novosibirsk is in central Siberia while Yakutsk is much further east, but still well away from the Pacific coast which probably explains it's infrequent appearance. Also listed as 150 kw with FPI of 500 kw). (Salmaniw, Masset, BC)

180 RUSSIA Petropavlovsk Radio Rossii, Sep 6 1215 - Another regular on most mornings. Heard at 9.5 level at Rose Spit. About the 3rd most common Russian LW station. 150 kw listed from the Kamchatka Peninsula site, so should make it out well. (Salmaniw, Masset, BC)

189 ICELAND Rikisutvarpid, Gufuskalar, Aug 31 0445 - This 300 kW LW station was often the only TA station heard. Never very strong, but often at 7 to 7.5 level. Often best using my ALA 100M antenna aimed N/NE. (Salmaniw, Masset, BC)

189 ICELAND Gufuskalar Rikisutvarpid Ras, Aug 31 0445 - Often heard in the evenings, even when no TA activity was otherwise noted. At times 8+ although this evening, it was only a 7/10 level. Mostly modern music heard. Apart from France, the only 'European' LW frequency heard. (Salmaniw, Masset, BC)

189 RUSSIA Belogorsk Radio Rossii, Sep 6 1215 - Another regular heard most mornings. Another 9.5 at Rose Spit // to all the other LW channels. 1200 kw listed for this Amur station. (Salmaniw, Masset, BC)

209 MONGOLIA Mongolyn Radio, Aug 30 1235 - Only heard on 2 days (28 August the other) with only snippets of audio. Same was true for 164. Not enough for a definite ID, though. (Salmaniw, Masset, BC)

234 RUSSIA Arman Radio Rossii, Aug 30 1233 - Magadan 1000 kw transmitter on the Pacific east coast. Heard at 9+ levels many mornings. (Salmaniw, Masset, BC)

243 RUSSIA Razdolnoe Radio Rossii, Aug 31 1300 - My PAL lists this one as inactive since 2004, but I did hear them twice. On the 31st, they were at an 8 level, and on the 24th at 6 level. Perhaps I had interchanged 234 for 243, but on the 24th, anyway, I had both frequencies listed. (Salmaniw, Masset, BC)

279 RUSSIA Yuzhno-Sakhalinsk Radio Rossii, Sep 9 1247 - The strongest and most consistent station every morning, although a bit difficult in Masset due to a NDB nearby. Heard every morning, usually at 9 level. 500 kw listed from Sakhalin Is., so geographically the closest to us (north of Hokkaido). (Salmaniw, Masset, BC)

531 AUSTRALIA NSW 93.5 FM Super Radio Network 2PM Kempsey, Sep 6 1140 - Heard on many of the mornings when the DU stations were opened. For example, at Rose Spit on 6Sep08, I began hearing them at 08:33 and they increased to very strong levels with the only IDs heard were: '93.5 FM Radio 531 on the Super Radio Network'. At the same time, I did hear some cochannel Aussies, but not strong enough for an ID. On another morning, 1 Sept, I heard an ad at 12:35 mentioning New South Wales, so perhaps this is 2PM. Another morning I also heard C&W music. Thanks to Chuck Hutton for confirming the ID as 2PM Kempsey, NSW with 5 kw only!. (Salmaniw, Masset, BC)

531 JAPAN Iwate Pref. NHK1 Morioka, Sep 9 1250 - The usual station heard on this frequency on most mornings, often stronger than 594 Tokyo. At certain times, I noticed that they were not in // to 594. For example at 12:55 on 6Sep08 I heard lots of mentions of Morioka. After 13:00 they joined the other NHK1 stations. Often heard at 9 level. (Salmaniw, Masset, BC)

540 CHINA CNR1, Aug 21 1304 - Olympic coverage at 7 level // to 5030. Also heard on the 25th, On the 29th and 30th, the CNR1 programming was heard with echo indicating different sites. Most other mornings, NHK1 dominated the channel. (Salmaniw, Masset, BC)

540 JAPAN NHK1, Sep 6 1323 - Lower powered 1 or 5 kw stations on this channel. Normally heard when the NAM stations faded out later after dawn, and usually there over CNR1 (but not always). At 8 level this particular day at Rose Spit (particularly good morning, too!). (Salmaniw, Masset, BC)

549 JAPAN Okinawa NHK1 Naha JOAP, Sep 6 1443 - The only NHK1 listed on this frequency, and it was a regular visitor to 549 heard on perhaps 1/4 of mornings, but not as often as the Russian. 8 level this morning at Rose Spit. (Salmaniw, Masset, BC)

549 RUSSIA Primorskiy Radio Rossii Tavrichanka, Aug 22 1230 - A regular visitor, especially in late August with Mayak programming, // to the stronger 576. Usually 7 to 8 level when Okinawa not heard. 500 kw listed for this site, which PAL lists as signing off

at 0800. Suppose, it could also be the Magadan 500 kw (or Amurskaya with 150), but they all list 08 or 09 sign-off. (Salmaniw, Masset, BC)

558 SOUTH KOREA Daegu KBS 2 Yeong-il HLQH, Sep 5 1258 - 8 level, originally thought I was hearing JOCR, but instead this was // to the other KBS2 station on 603. Heard audio on 558 many mornings, but didn't stay around long enough to ID, so I'm sure I also hear JOCR frequently as well. (Salmaniw, Masset, BC)

567 JAPAN Hokkaido Pref. JOIK NHK1 Sapporo, Sep /200 1305 - Virtually always a strong performer, at 9 levels on the good Asian mornings. Only once heard another station on this frequency. (Salmaniw, Masset, BC)

567 SOUTH KOREA Jeollabuk-do HLKF KBS 1 Jeonju, Aug 25 1255 - I recorded this one just once in my log book, although, I'm sure it'll be there more regularly when I check my Perseus files. Reported as cochannel (presumably JOIK). Usually I identified the KBS 1 at the TOH with their distinctive IDs and by // with the main channel of 711 kHz. 100 kw listed on this channel. (Salmaniw, Masset, BC)

570 CANADA Yukon CFHW Whitehorse, Aug 25 1230 - I didn't do much domestic DXing this time, but when I did check, I often heard CBC programming // to 690 CBU Vancouver at good levels, especially early in the mornings, pre-dawn. (Salmaniw, Masset, BC)

576 RUSSIA Kamchatka Rst. Mayak Petropavlovsk, Aug 19 1300 - Judging from the locations listed in PAL, this would be the most likely site on the Kamchatka Peninsula. 150 kw listed, although PAL states an 0800 sign-off (Angarsk, Irkutsk is listed as a 1700 s/off, so I suppose it could be them, but they are very much interior compared to Kamchatka...north of Mongolia). Mayak usually owned the channel with often 9 level audio throughout my stay in Masset. Most recently 9+ level yesterday 8Sep08 (as I type this) at 13:10 and 13:29. (Salmaniw, Masset, BC)

585 JAPAN Hokkaido Pref. JOPG NHK1 Kushiro, Aug 27 1328 - Presumed (as there are 3 other NHK1 sites at 0.1 to 0.5 kw) 10 kw station, not heard very often during the past month, but on good Asian mornings, came in rather well. // to the other NHK1 stations. Also heard at good level at Rose Spit at 14:15 on 6 Sep 08. One would think this one would get out better being on Hokkaido, the closest Japanese Is. to us. (Salmaniw, Masset, BC)

594 AUSTRALIA Victoria 3WV ABC Western Victoria, Horsham, Sep 6 0940 - On my one overnight DXpedition at Rose Spit, heard an English ball game play by play at good level, so a presumed logging for this 50 kw station. Only audible on my NZ aimed BOG. (Salmaniw, Masset, BC)

594 CHINA Shandong Shandong JGD, Sep 8 1334 - I recall some reports that this station has the echo effect of multiple transmitters, very slightly out of sync. I may be wrong,

but on several mornings the Chinese programming with echo was heard under JOAC.
(Salmaniw, Masset, BC)

594 JAPAN JOAK NHK 1 Tokyo, Sep 9 1247 - Of course the main NHK1 station on the network was heard daily...sometimes at near 10 levels, and other times much weaker, but there every day. On many mornings, they were cochannel with a Chinese station.
(Salmaniw, Masset, BC)

603 CHINA Hainan Voice of Russia Dongfang, Sep 5 1300 - This is a tentative logging. Heard co-channel with CNR1 at 13:00 with the VOR IS, but too jumbled to make anything more out. PAL lists VOR Vietnamese from 12 to 13, so perhaps it was them at sign-off. Under the more dominant KBS 2 and NHK 1 stations. (Salmaniw, Masset, BC)

603 CHINA Shaanxi CNR 1 Baoji, Sep 5 1300 - This was a particularly challenging frequency with often just a jumble heard. I was able to tease out a number of stations, though. Baoji is listed as the site for CNR 1 heard at 1300 // to 5030 (the usual CNR 1 channel I check for //). Never very clear due to the pile-up. (Salmaniw, Masset, BC)

603 JAPAN Hokkaido JOOG NHK 1 Obihiro, Sep 5 1300 - This presumed NHK 1 outlet (being in Hokkaido vs JOKK in Okayama) was heard many times under or over KBS 2. On this day, no less than 4 stations identified on the same frequency at the same time! On many other days, I just commented 'a jumble'. (Salmaniw, Masset, BC)

603 RUSSIA Amurskaya Rst. Mayak Skovorodino, Aug 22 1329 - Only heard Mayak on one day. PAL lists 2 30 kw units in this oblast, with the other being at Belogorsk (with a nominal 0900 sign-off there....but these as I've seen are highly variable). That would make 5 different stations heard on this frequency...I'm sure there are plenty of others!.
(Salmaniw, Masset, BC)

603 SOUTH KOREA Seoul HLSA KBS 2 Namyang, Sep 5 1300 - The usual dominant station with 250 or 500 kw with ID at 13:00 cochannel about equally with JOOG and well over CNR 1 and VOR interval signals! What a jumble!. (Salmaniw, Masset, BC)

610 CANADA Yukon CKRW Whitehorse, Aug 31 1255 - I didn't do much domestic listening, but did check this one at 12:55 to be rewarded with an ID as '610 The Rock, 96.1 Whitehorse'. This indicates that they're likely moving to FM and are simultaneously broadcasting for a time on AM and FM, a common practice in Canada. (Salmaniw, Masset, BC)

612 AUSTRALIA Queensland 4QR Brisbane, Aug 24 1351 - Heard on some days, when the DU were coming in, but overall, not nearly as regular as they are in Victoria.
(Salmaniw, Masset, BC)

612 CHINA Sichuan CNR1 Chengdu, Sep 2 1300 - Only have a CC station listed once cochannel with JOLK. A strong Asian morning. 10 kw listed in PAL. (Salmaniw, Masset, BC)

612 JAPAN JOLK NHK 1 Fukuoka, Sep 8 1420 - The usual station on this frequency heard on some days. The 8th was quite an exceptional morning with many very strong Asians. 100 kw listed for this one. (Salmaniw, Masset, BC)

612 PHILIPPINES Cebu DYHP Radio Mindanao Network RMN, Cebu City, Aug 25 1405 - A very strong signal heard at 14:05 just heard twice, the other day being 19 August with typical Filipino style programming. On the earlier date, news and sports heard at 14:15. (Salmaniw, Masset, BC)

621 CHINA Heilongjiang Heilongjiang RGD Satellite Harbin, Aug 28 1348 - One morning, could hear Chinese language programming with echo. I believe that John Bryant has IDd the echo as coming from Harbin. Tentative. (Salmaniw, Masset, BC)

621 JAPAN Hokkaido JOCG NHK1 Asahikawa, Sep 8 13:53 - Presumed to be as it's in Hokkaido and 3 kw, vs 3 others at 1 kw and further south. 8 level, and cochannel North Korea. 9 level on the 4th at 13:50 cochannel a Filipino. Heard several times. (Salmaniw, Masset, BC)

621 NORTH KOREA Hamgyong Pukdo Pyongyang Bangsong Chongjin, Aug 25 1324 - 7 level, cochannel with NHK1. // to SW outlet (3250, I believe) and also 657. Heard a few times more in September. (Salmaniw, Masset, BC)

621 PHILIPPINES unid, Sep 4 1350 - On this particularly good morning, a Filipino station heard cochannel to NHK1 and North Korea. (Salmaniw, Masset, BC)

621 RUSSIA Khabarovskiy Radio Rossii, Khabarovsk, Aug 22 1334 - 50 kw listed for this one. Heard again on the 27th // to 279, at 13:37. This might be special as, on the 28th, they switched networks. All Radio Rossii outlets on the MW band switched to Vesti FM (ie News FM) network, so this was a lucky catch. Not heard often during my time in Masset. (Salmaniw, Masset, BC)

630 AUSTRALIA Queensland 4QN ABC North Queensland, Townsville, Sep 6 0944 - During my overnight DXpedition to Rose Spit, conditions to DU were remarkably good, using a 1200 foot BOG aimed more or less between NZ and Australia. 9 level on this antenna only, with a Rugby game between the Cowboys and the Sharks. I'm not 100% sure that it wasn't Radio National from Wellington, as I heard no IDs heard for sure. 4QN though, according to Patrick Martin is commonly heard at his location. (Salmaniw, Masset, BC)

630 CHINA CNR2, Sep 8 1356 - 4 transmitters listed for CNR2 in PAL. 9 level on the 8th (a particularly good opening to China and Asia). Still going strong at 14:20. Parallel to 621. Hmm, I don't see a CNR2 transmitter listed in PAL on 621, though. (Salmaniw, Masset, BC)

630 PHILIPPINES unid, Aug 27 1340 - Tentative with Filipino sounding programming. Will need more investigation to confirm. No other dates noted, but at 8 level. (Salmaniw, Masset, BC)

630 RUSSIA Khabarovskiy Voice of Russia, Komsomolsk, Aug 28 1350 - Japanese programming, heard a number of times during my stay in Masset, with Russian folk songs. 8 level reception. 500 kw listed. (Salmaniw, Masset, BC)

630 SOUTH KOREA KBS 1, Sep 2 1255 - 2 sites listed for 630 from Korea, Inje in Gangweon-do at 5 kw, and Yeosu, Jeollanam-do at 10 kw. Not sure who this is, other than it was running in // to 711. Heard once only at 7 to 8 level. (Salmaniw, Masset, BC)

639 CHINA CNR 1, Aug 25 1329 - Multiple sites listed on PAL, at 9 level on the 25th...a particularly excellent Asian opening. Heard a few other times during my Masset stay. (Salmaniw, Masset, BC)

639 FIJI Drasa Radio Fiji 1, Sep 6 0708 - I hadn't realized how many stations I actually heard at Rose Spit, but as I type this report (many hours of work, but I'm on a ferry back to the mainland of BC and it's 6+ hours), I see that many of my best loggings occurred at Rose Spit...was it coincidental, or low noise to the extreme (12v dxpedition), or luck with excellent conditions. I don't know...probably a combination of all of them. Islands style music, typical for Fiji. Later on towards dawn, this channel is spoiled by loud IBOC noise until late dawn. On most average mornings, I either just wrote 'IBOC' or skipped the frequency entirely. (Salmaniw, Masset, BC)

639 JAPAN JOPB NHK2 Shizuoka, Aug 24 1411 - Heard once at 8 level // to other NHK2 channels. An unusual channel, as there's 3 Japanese stations on this same frequency....STV on Hokkaido (which I would have expected to hear), and NHK1 in Oita. (Salmaniw, Masset, BC)

647.89 PHILIPPINES Cebu DYXR Aksyon Radio Cebu, Talisay, Aug 19 1334 - I'm told that this is the station that is always present on the low side of 648, producing a significant heterodyne. Not sure whether I heard much audio, though, from them....more study needed. (Salmaniw, Masset, BC)

648 JAPAN JOIG NHK1 Toyama, 8 1344 - While listening to the huge Russian transmitter cochannel, I was also hearing NHK1, which is listed as a 5 kw from Toyama. (Salmaniw, Masset, BC)

648 RUSSIA Primorskiy Voice of Russia and VOA, Ussuriysk, Aug 25 1333 - A lot of confusion in trying to sort out VOA or VOR both in Korean. On the 25th at this time, I was hearing Russian folk songs, which would indicate VOR (even though my PAL lists VOA at this time). On the 27th, I did hear a VOR IS at 13:59. At 14:01, I heard, 'From Washington, you are listening to the latest news', and another VOA ID at 14:03 in English (with the rest of the programming in Korean), so PAL is incorrect.. 1000 kw listed (and sounds like it too!). (Salmaniw, Masset, BC)

656.98 NORTH KOREA Pyongyang Pyongyang Pangsong, Kangnam, Sep 4 1422 - Huge 1500 kw transmitter listed. Never sounded that strong, but usually dominated the frequency. Usually affected by some IBOC in the early morning. 9 level on the 28th. Parallel to 3250. Wasn't 100% sure whether this is IBOC noise, or jamming, though. No other stations heard according to my preliminary notes. (Salmaniw, Masset, BC)

666 JAPAN JOBK NHK1 Osaka, Aug 27 1339 - The commonest station heard on 666, usually over Mayak. Frequently heard during my stay. (Salmaniw, Masset, BC)

666 PHILIPPINES NCR DZRH Manila Brdcstg Company, Aug 19 1336 - Heard on my first morning in Masset, and only one other day on the 24th. 9 level. DZRH presumed (Chuck Hutton has heard this one here). (Salmaniw, Masset, BC)

666 RUSSIA Khabarovskiy Rst. Mayak Komsomolsk, Sep 8 1303 - Clearly heard // to the normally very strong 576. Other days, often heard cochannel to the NHK1 station. (Salmaniw, Masset, BC)

675 JAPAN Hokkaido JOVK NHK1 Hakodate, Sep 8 1425 - Presumably this NHK1 station, as it's the closest to me (the other being JOUG Yamaguchi, also 5 kw). Well over a cochannel. IBOC interference on most mornings. Heard several times. (Salmaniw, Masset, BC)

675 VIETNAM Hung Yen Voice of Vietnam 1 My Van, Aug 25 1325 - Not heard with any great consistency, but clearly them on this day. Have a few other logs of them, but usually cochannel with the Japanese station. (Salmaniw, Masset, BC)

684 CHINA unid, Aug 29 1346 - Unid CC speaker with cochannel at 7 level. Heard once only. (Salmaniw, Masset, BC)

684 FIJI Radio Fiji 1, Labasa, Sep 6 1248 - A tentative logging with choral music (and some cochannel interference). Normally IBOC on this channel, but on this day, it must have been turned off. Heard while at Rose Spit. (Salmaniw, Masset, BC)

684 PHILIPPINES unid, Aug 27 1358 - Unid Filipino station heard on the 28th, 27th, and 24th of August. Cochannel but mostly IBOC! More study needed. (Salmaniw, Masset, BC)

693 JAPAN JOAB NHK2 Tokyo, Sep 9 1252 - 500 kw cornerstone station of the NHK2 network. Not usually the strongest, but a regular. On good Japanese openings, 9 level. Occasionally weak cochannel audible. No other TP stations heard on this frequency. (Salmaniw, Masset, BC)

700 ALASKA KBYR, Anchorage, Oct 20 1220 - Ran across this one by accident with nice ID at 12:20. 10 kW listed. (Salmaniw, Masset, BC)

702 AUSTRALIA NSW 2BL ABC Sydney, Sep 6 0957 - Heard at Rose Spit with a ball game, // to 738. A presumed logging, as no definite ID heard. 9 level. (Salmaniw, Masset, BC)

702 JAPAN Hokkaido JOKD NHK2 Kitami, Sep 8 1431 - Presumably this NHK2 as it's closer (the other being JOFB Hiroshima, also 10 kw) over North Korean. Often at 9 level on good Japanese openings. (Salmaniw, Masset, BC)

702 NORTH KOREA Hamgyong Pukdo KCBS Chongjin, Sep 5 1318 - // to 2850 making this a KCBS transmission. Heard many mornings. 50 kw listed. (Salmaniw, Masset, BC)

711 SOUTH KOREA Seoul HLKA KBS1 Sorae, Sep 9 1252 - The dominant station on this channel, usually used to identify // frequencies. Often at very good levels, and would remain there late into the dawn period. Loud jammer noted there on the 3rd. Occasional cochannel Chinese speaker heard. No references to the NHK1 station reported by Nick Hall-Patch and John Bryant. Will need to look into the Perseus files more. (Salmaniw, Masset, BC)

719.9 NORTH KOREA Chagang Do KCBS, Kanggye, Sep 5 1324 - // to 2850 with 500 kw listed. Heard on many mornings. (Salmaniw, Masset, BC)

720 CHINA CNR2, Sep 8 1350 - Multiple sites listed for CNR2 network. Heard with echo with English lessons, called 'Studio Classroom Worldwide' with American accented presenters. // to 630. 8 level. (Salmaniw, Masset, BC)

720 HAWAII Kauai KUAI Eleele, Sep 6 1000 - Nice ID at 10:00 while at Rose Spit. Didn't check for other Hawaiians, but I might find one or more on my SDR-IQ wav files. Good/very good reception. (Salmaniw, Masset, BC)

720 RUSSIA Sakhalinsk Voice of Russia, Yuzhno-Sakhalinsk, Sep 4 1355 - Listed as 1000 kw, and often sounds like it. Excellent reception with VOR Japanese program, best in USB to avoid North Korea on the low side of the channel. On the 8th, heard a JJ ID at 13:43 for the Voice of Russia. (Salmaniw, Masset, BC)

729 CHINA unid, Sep 3 1327 - Unid Chinese speaker heard some mornings. John Bryant last September assumed this to be Jiangxi RGD in Jiangxi province (3 sites). Heard also on the 2nd. (Salmaniw, Masset, BC)

729 JAPAN Aichi Pref. JOCK NHK1 Nagoya, Sep 9 1434 - Heard at 8 to 9 level with network NHK1 programming. IBOC noted on many mornings. Olympic coverage noted around 1300 on 21Aug08 at 9 level. (Salmaniw, Masset, BC)

738 AUSTRALIA NSW 2NR ABC North Coast, Grafton, Sep 6 0830 - A presumed logging with play by play rugby game, and // to 702 at 9:57 during my 12v DXpedition to Rose Spit. 9 level. (Salmaniw, Masset, BC)

738 JAPAN JORR or JOLR, Sep 5 1255 - Often heard under HLKG was a Japanese speaker. 2 are listed in PAL: JORR from Naha, Okinawa with 10 kw running RBC (Ryukyu Hosu), while JOLR is 5 kw (plus a 1 kw retransmitter in Takaoka) running KNB (Kita Nihon Hosu) programming from Toyama. More research will be needed to differentiate the two stations. (Salmaniw, Masset, BC)

738 KOREA Daegu HLKG KBS1 Gyeongsan, Sep 5 1255 - Often a jumble of stations heard, but HLKG was the most commonly heard, but often with cochannel stations. 9 level on this particular day, // to 711. (Salmaniw, Masset, BC)

738 TAIWAN Penghu BEL2 Yuye Guangbo Diantai (Taiwan Area Fishery Brdcstg Stn, Baisha, Sep 6 1432 - Chinese was often heard in addition to Korean and Japanese (and also some English), so a very busy frequency. I was able to // the Chinese speaker this day (while at Rose Spit) to a weaker 1143, making the Taiwan station the likely ID. Heard at 9 level. (Salmaniw, Masset, BC)

747 JAPAN Hokkaido JOIB NHK2 Sapporo, Aug 22 1348 - Always a powerful presence with 500 kw of power. English lesson cochannel this day with KBS1. A virtual 10 signal otherwise. Heard daily. Particularly enjoyed the Italian lessons heard after 14:00. (Salmaniw, Masset, BC)

747 SOUTH KOREA Gwangju HLKH KBS1 Bia, Aug 22 1348 - Often heard weakly cochannel JOIB. Parallel to more powerful 711. 100 kw listed. Heard perhaps on about 1/4 of mornings. Noted that on 1 Sept08, they were actually over JOIB. (Salmaniw, Masset, BC)

750 ALASKA KFQD, Anchorage, Aug 20 1228 - No problems hearing this one with 50 kW. Nice ID. (Salmaniw, Masset, BC)

756 CHINA CNR1, Sep 1 1300 - Heard a couple of times with Olympic coverage, and with echo effect, // to 5030. Lot's of sites listed in PAL. (Salmaniw, Masset, BC)

756 SOUTH KOREA Gyeonggi-do HLKA KBS1 Yeosu, Sep 5 1330 - Noted with a 7 signal over another cochannel. Heard several times only during the dxpedition. Frequency seemed weaker than most others in the vicinity. (Salmaniw, Masset, BC)

765 JAPAN unid, Sep 5 1332 - Did hear 2 cochannels here at times, but never stayed around to positively ID them. In my notes, I usually just said 'JJ or KK'. Never very strong. Most likely JJ commercial stations (4 listed) or less likely HLCQ, MBC South Korea. More listening to wav files necessary for this frequency. (Salmaniw, Masset, BC)

774 AUSTRALIA Victoria 3L0 ABC Melbourne, Aug 24 1407 - A tentative logging. Heard under cochannel JOUB with DU programming. Recorded just once during my stay. 2 DU are listed 3L0 has 50 kw, while 4T0 in Townsville, Queensland has 5 kW. I'll have to listen for a positive ID. (Salmaniw, Masset, BC)

774 JAPAN Akita JOUB NHK2 Akita, Sep 9 1255 - With 500 kw, always a very strong performer heard all days during the dxpedition. Often a weak cochannel could be heard under this massive signal. (Salmaniw, Masset, BC)

790 ALASKA KCAM Glennallen, Sep 9 1300 - Nice ID for KCAM, Glennallen, AK. Didn't spend a huge amount of time this expedition listening for the Alaskans. Rather, I just stumbled across them on the bands. (Salmaniw, Masset, BC)

792 AUSTRALIA Queensland 4RN Brisbane, Sep 6 1009 - Presumed logging heard at Rose Spit at 8 level with English talk. A relatively difficult channel on many mornings. I have quite a few mornings listed only as, 'several cochannels'. Several mornings only noted 'EZL music'. One other comment of 'presumed 4RN'. (Salmaniw, Masset, BC)

792 JAPAN NHK1 translator, Sep 5 1335 - 10 low power (0.1 to 1 kW) NHK1 translators are listed on this frequency. The most likely being Embetsu (1 kW) or Esashi (0.4 kW) on Hokkaido, presumably. Heard cochannel under stronger 50 kW HLSQ from Goyang, South Korea. One of the best Asian mornings on this visit. (Salmaniw, Masset, BC)

792 SOUTH KOREA Seoul HLSQ SBS ('Love FM') Goyang, Sep 5 1335 - Korean heard this morning with weaker cochannel NHK1. 8 level. A particularly good morning. (Salmaniw, Masset, BC)

801 CHINA Unid, Sep 5 0508 - Numerous Chinese stations listed. Noted on a couple of mornings only, but always cochannel with North Korea and/or KTWG. (Salmaniw, Masset, BC)

801 GUAM KTWG Agana, Sep 6 1459 - My last TP MW station captured on my overnight trip to Rose Spit. Heard late, well after sunrise from 14:35 tune-in. Continuous religious music with no announcements until 14:59. Also heard on several other mornings, cochannel to North Korea and Chinese stations. ID heard at 13:57 on 4 September. Appears they never ID at the TOH, but instead a few minutes before the TOH. Heard on about 25% of the mornings. 'Through the Bible' program noted at 13:27 on 2 Sept. (Salmaniw, Masset, BC)

801 NORTH KOREA Hamgyong Pukdo Pyongyang Bangsong Hwadae, Sep 5 1338 - Noted on this morning cochannel KTWG and China. On 1 September, noted on 801.2. Same frequency on 31 August. 8 level, but difficult with the cochannels. (Salmaniw, Masset, BC)

810 CHINA unid, Aug 25 1402 - Numerous Chinese stations listed on this frequency. Always a struggle with more usual Russian and AFN Tokyo heard here. Heard on many mornings battling it out. (Salmaniw, Masset, BC)

810 JAPAN Saitama AFN Eagle 810 Tokyo (Yokata Air Base), Aug 25 1402 - ID for 'AFN' at 14:02. Usually cochannel with other Asians (and domestics early). Heard at 8 level on an excellent Asian morning. Probably best heard on this day. (Salmaniw, Masset, BC)

810 RUSSIA Primorskiy Vesti FM Razdol'noe, Sep 8 1410 - Often heard, always late in the session in Russian. Presumably this is due to the North American stations fading out after dawn. Nice ID for 'Vesti FM' at 14:15. Replaced all MW Radio Rossii stations. 8 level. 150 kW listed. Noted also at 14:49 in Russian after cochannel AFN and Chinese faded. Heard many mornings. (Salmaniw, Masset, BC)

819 AUSTRALIA NSW 2GL ABC New England, Glen Innes, Sep 6 0858 - Presumably this one with song, 'Like a Rose' and into news at 09:00. Heard cochannel another English station (prob. Radio National, Tauranga, New Zealand) at same time. Heard during a very good DU opening while at Rose Spit. Sports play by play noted at 10:12 recheck. (Salmaniw, Masset, BC)

819 CHINA CNR1, Sep 1 1340 - CNR1 programming noted under North Korea on this particularly good Asian morning. Not noted on other mornings. (Salmaniw, Masset, BC)

819 NORTH KOREA KCBS Pyongyang, Sep 2 1337 - 500 kW goes a long way! Heard on a number of mornings with powerful signals, and // to 2850. Often 9 level on good Asian mornings such as this one. Jamming also noted (or perhaps IBOC hash?). (Salmaniw, Masset, BC)

819 VIETNAM Dac Lac Voice of Vietnam 4, Buon Me Thuot?, Sep 4 1216 - A very tentative logging, since I heard what sounded like Vietnamese music at this time at 7 level. Only noted that one morning. (Salmaniw, Masset, BC)

828 AUSTRALIA Victoria 3GI ABC Gippsland, Sale, Sep 6 0856 - Presumably this one in English. Also noted cochannel NHK2 at 10:15 during my overnight trip to Rose Spit. 10 kW listed. Not heard any other morning, however. Normally, though, I wouldn't be listening at this time!. (Salmaniw, Masset, BC)

828 CHINA unid, Sep 1 1313 - Several Chinese stations listed. Heard cochannel to NHK2, and sometimes at equal levels on good Asian mornings. Heard several times during my stay. Usually much weaker than JOBB, though. (Salmaniw, Masset, BC)

828 JAPAN JOBB NHK2 Osaka, Sep 9 1300 - Heard every morning, of course, with the usual NHK2 programming. My favourite was always the Italian lessons after 14:00! Usually 8 to 9+ signal from the 300 kW transmitter. Lots of English lessons as well. Occasionally would hear cochannel stations as well. (Salmaniw, Masset, BC)

837 CHINA unid, Sep 1 1314 - One of several stations heard on this jumbled frequency. Didn't stick around to try and identify it. SDR files might show up something. 8 level. I

also wondered about a possible Thai station here on the same morning. (Salmaniw, Masset, BC)

837 JAPAN JOQK NHK1, Niigata, Sep 5 1343 - A difficult channel, with usually a few cochannels. Heard with NHK1 programming. Could also be the 1 kW relay from Nayoro, Hokkaido rather than the 10 kW Niigata station. A particularly good Japanese morning. Heard at 8 level on 31 August in the clear at 14:22. Heard on a number of mornings. (Salmaniw, Masset, BC)

837 SOUTH KOREA HLKY CBS, Seoul, Sep 2 1340 - Heard at 9 level on a very good Asian morning, cochannel. Presumably this Christian station with prayers in Korean. (Salmaniw, Masset, BC)

846 JAPAN NHK1, Sep 5 1344 - Many synchros listed here between 0.1 and 5 kW. 8 level, and of course, // to 594. Heard about 1/2 the mornings. No other comments made, though. (Salmaniw, Masset, BC)

855.05 NORTH KOREA Pyongan Namdo Pyongyang Bangsong, Sangwon, Sep 5 1345 - Particularly well heard this morning at 8 to 9 level. Modulation often not very strong. // to 3250. Off frequency het often heard, but audio not that commonly. Didn't hear any other station on this frequency. (Salmaniw, Masset, BC)

864 JAPAN unid, Sep 5 1348 - Never got a good handle of this frequency. On this day, not KBS1, so presumed one of the Japanese networks. Not sure of which. Not often heard with audio. SDR may prove more fruitful. (Salmaniw, Masset, BC)

873 AUSTRALIA OR NEW ZEALAND unid DU, Sep 6 1017 - Heard during my one night at Rose Spit, cochannel to NHK2 with English talk. Could be either 2GB in Sydney or Radio Trackside in Tauranga, or Newstalk ZB in Ashburton, NZ. Might be able to glean more from SDR files. (Salmaniw, Masset, BC)

873 JAPAN JOGB NHK2, Kumamoto, Sep 9 1306 - Heard many mornings with network programming, but often cochannel with the North Korean. Sometimes over, and other times under them. 500 kW doesn't get out quite as well as the other NHK2 powerhouses. 9 level on the best JJ mornings, such as 4 Sept. (Salmaniw, Masset, BC)

873 NORTH KOREA Pyongan Pukdo KCBS, Sinuiju, Sep 9 1306 - Heard over cochannel NHK2 parallel to 2850. Frequency sometimes bothered by IBOC hash from 880. Heard about as often as NHK2, especially on good Asian mornings. Also // to 819. Usually at 8 level. (Salmaniw, Masset, BC)

882 JAPAN Hokkaido JOWS STV, Kushiro, Sep 2 1405 - A difficult channel with IBOC hash. Heard a number of stations here, but finally able to // this one to STV 1440. 3 STV, Sapporo TV Hosonuma listed on 882, all on Hokkaido of course, at 0.1, 1 and 3 kW. I'm assuming it's most likely JOWS, the 3 kW outlet. Frequency also marred by an off-frequency transmitter on 882.35 (?North Korea). (Salmaniw, Masset, BC)

882.35 NORTH KOREA Kangwon KCBS Wonsan, Aug 31 1345 - Finally able to ID this off-frequency channel. Audio seldom heard, but carrier often there mixing with IBOC to make an unpleasant listening experience. Possibly jammed as well, although difficult to distinguish from IBOC hash. Many mornings, just recorded as 'several cochannel'. (Salmaniw, Masset, BC)

891 AUSTRALIA Queensland 4TAB Innisfail, Sep 6 0820 - ID and mentions of South-east Queensland at 08:20. Horse race play by play at 08:21. Again noted at 10:21 with a horse race, this time cochannel with another English station...either 5AN ABC Adelaide, S. Australia or 2XW The Breeze in Wellington, NZ. Heard on my extremely productive night at Rose Spit. The cochannel, according to my notes were carrying a ball game with the Kangaroos vs ?Melbourne. Cochannel then, much more likely Adelaide. (Salmaniw, Masset, BC)

891 JAPAN Miyagi JOHK NHK1, Sendai, Sep 5 1354 - This 20 kW over 250 kW KBS1 at this time with 9 signal level. Same strength on 22 and 30 August. Usually well over the Korean here. (Salmaniw, Masset, BC)

891 SOUTH KOREA HLKB KBS1, Busan, Sep 5 1354 - Sometimes heard under cochannel NHK2. For 250 kW, doesn't put out that great of a signal. Noted this morning // to 711, though. (Salmaniw, Masset, BC)

900 JAPAN Hokkaido tentatively JOHO HBC, Hakodate, Sep 5 1356 - Probably one of the most difficult channels now. In past, Village 900 from Victoria would dominate. Now it's a powerful IBOC channel. Sept 5 seemed to be one of the best Asian mornings of my entire stay. Japanese was noted hear. I'm guessing this was most likely JOHO from Hakodate, Hokkaido with 5 kW, although I didn't check for // to 1287. Chuck Hutton noted this one last September from Masset. Most other mornings, I didn't bother to stay on this unpleasant channel. (Salmaniw, Masset, BC)

909 CHINA unid, Sep 1 1323 - Heard Chinese programming at this time. Many Chinese and Taiwanese stations listed, so have no idea who it was. Perhaps my SDR files might be of help here. 9 level reported. (Salmaniw, Masset, BC)

909 JAPAN Aichi JOCB NHK2, Nagoya, Sep 2 1348 - Heard at 9 level on another very good Asian morning, cochannel one other station. Heard a number of other stations on different mornings here. Also noted on 30 August at 13:51 at 9 level. (Salmaniw, Masset, BC)

909 JAPAN Hokkaido JOVX STV, Abashiri, Sep 5 1358 - Noted on perhaps the best Asian opening on 5 Sept, cochannel to KBS1 and another station. 8 level. Interesting that I heard NHK2 on another morning as well. Presumably JOVX, as there's another translator listed for STV from Engaru, but only 0.1 kW. (Salmaniw, Masset, BC)

909 SOUTH KOREA Gyeongsangbuk-do HLQY KBS1, Gumi, Sep 5 1358 - Heard over cochannel STV on this very good Asian morning at 8 level. 10 kW only listed. Heard a number of other stations on other days on 909. (Salmaniw, Masset, BC)

918 CHINA Shandong Shandong News Channel, Jinan, Sep 2 1350 - Tentative logging. On good Asian mornings, heard in Chinese with echos, at 7 level this morning. Same on 24 Aug. Stronger on 29 and 30 Aug, without mention of echo. Possibility of 'JJ or KK music' on 5 Sep, so will have to check SDR files for those. (Salmaniw, Masset, BC)

920 ALASKA Kenai Peninsula KSRM Soldotna, Aug 24 1234 - Although not a primary target during my month in Masset, I came across them by accident with a nice KSRM ID at 12:34 at very good level. Often difficult due to the very strong signal from KTKN, Ketchikan on 930. (Salmaniw, Masset, BC)

936 CHINA Anhui Anhui RGD, Hefei, Sep 2 1351 - Presumed logging at 8 level with weaker cochannel. Also noted on 24 August with closing ceremonies from Beijing, with echo. Heard on most good Asian mornings. (Salmaniw, Masset, BC)

945 CHINA Jilin CNR1 Jiaohe, Sep 3 1354 - 9 level, with a weaker cochannel. Best // to check is always 5030 in the Tropical band. On 2 Sept noted under a stronger cochannel. Echo noted on 29 Aug. Never did get who the cochannel station(s) were. (Salmaniw, Masset, BC)

954 CHINA unid, Aug 20 1255 - I'll need help on this one. Chinese programming, cochannel JOKR, and into English news. A number of CC stations are listed here to choose from. (Salmaniw, Masset, BC)

954 JAPAN JOKR TBS, Tokyo, Sep 5 1404 - Heard a number of times with 9 level, usually cochannel to China. Also well heard on 24 Aug, and again on 20 August. (Salmaniw, Masset, BC)

954 PHILIPPINES NCR DZEM mChristian Era Bctg Service, Bulacan Metro Manila, Aug 21 1352 - Tentative logging. Heard one day only with Filipino type programming. 7 level only. Bruce Portzer heard same last September in Masset. (Salmaniw, Masset, BC)

954 SPAIN Onda Cero Radio, Aug 31 0433 - 8 level at this time. Iberian stations seemed to be the best heard during this expedition. (Salmaniw, Masset, BC)

963 CHINA unid, Sep 5 1405 - Another CC station here cochannel to CRI in Russian. Heard one day only (as listed anyway) at 9 level. Again, the best Asian day. Note that Chuck Hutton heard Liaoning // 1089 last September in Masset. (Salmaniw, Masset, BC)

963 CHINA CRI, Aug 20 1307 - Frequency of course dominated by CRI in Russian at 9 level. Occasional cochannel also heard. On most days. (Salmaniw, Masset, BC)

963 JAPAN NHK1, Aug 21 1353 - 5 NHK1 synthros to choose from between 1 and 5 kW. Heard well over CRI for a little while, but later totally dominated by CRI. Also heard well over CRI on 8 Sept, using an ALA 100 antenna. (Salmaniw, Masset, BC)

963 PORTUGAL Radio Sim, Seixal, Aug 31 0433 - I think it was them with 6.5 to 7 level, although it could also have been Radio Euskadi. Didn't stay long enough to try and differentiate. (Salmaniw, Masset, BC)

963 SOUTH KOREA KBS1, Aug 20 1307 - 2 KBS1 stations listed here with 10 kW. Heard under cochannel CRI in Russian. Either HLCR in Andong or HLKS in Jeju. (Salmaniw, Masset, BC)

972 CHINA unid, Sep 3 1355 - Three Chinese stations are listed here. Heard under cochannel HLCA on several days in Chinese, but never identified. Also heard on 2 Sept. (Salmaniw, Masset, BC)

972 SOUTH KOREA Chungcheongnam-do HLCA KBS Hanminjok Bangsong, Dangjin, Sep 9 1309 - With 750 or 1500 kW, it's hard to miss this extremely powerful station. Heard most, if not every morning, often with 9+ signals. Occasionally heard with cochannel, however!. (Salmaniw, Masset, BC)

981 CHINA CNR1, Sep 5 1406 - Numerous CNR1 synthros reported here. Heard with echo, especially on good Asian mornings, such as this day. 9 level on 2 and 3 Sept. 24 Aug was also an excellent Asian opening. (Salmaniw, Masset, BC)

981 PORTUGAL Radio Sim, Sep 2 0510 - Perhaps the best TA night with numerous audio channels, but not anywhere as good as last September, '07. Portuguese programming at solid 8+ level. (Salmaniw, Masset, BC)

990 CHINA unid ?Shanghai News Station, Aug 24 1254 - Just a guess, as it was running // to 5030 CNR1 with Olympic closing ceremonies. I imagine a lot of domestic stations would be carrying the CNR feed for the Olympics. 7 level that morning. (Salmaniw, Masset, BC)

990 CHINA unid, Sep 2 1400 - Chinese station(s) dominated this channel this year. Never stayed around to catch any IDs. Will have to wait for SDR study. At 9 level this particular morning. (Salmaniw, Masset, BC)

990 HAWAII Oahu KHBZ, Honolulu, Sep 6 0854 - Accidentally caught the ID at 8 level while at Rose Spit. Didn't sleep that night, pulling out a lot of DU and Pacific DX. (Salmaniw, Masset, BC)

998.95 NORTH KOREA Hamgyong Namdo KCBS, Hamhung, Aug 24 1259 - Heard several mornings on the slightly low frequency with your typical KCBS programming. Very strong 9 this particular morning with several cochannels. (Salmaniw, Masset, BC)

999 AUSTRALIA NSW 2NB Broken Hill, Sep 6 1323 - Heard during my Rose Spit overnight dxpedition when all sorts of DU stations were being heard. Tentative only, as I only heard EZL music at this time. Another NSW station listed...2ST in Nowra. I also see that PAL lists V6AF in Kolonia, Pohnpei, FSM as being a new Christian station since 2006. Hopefully I'll have something in the SDR-IQ files to check. 8+ level. (Salmaniw, Masset, BC)

999 CHINA Helongjiang CNR1, Heihe, Aug 24 1300 - I have to be careful assuming that this is the CNR1 station at Heihe, as during the Olympics, many regional stations were also carrying the national program. Heard this under cochannel Filipino, and North Korea. (Salmaniw, Masset, BC)

999 INDONESIA RRI Programa 4, Jakarta, Sep 3 1400 - My personal coup for this dxpedition with lovely RRI ID at 14:00. Not an easy channel due to off channel (?North Korea) on 998.96, but at least an 8 level. Not heard on other mornings, but worth digging into the SDR files for sure!. (Salmaniw, Masset, BC)

999 PHILIPPINES Cebu DYSS Super Radyo, Cebu City, Sep 8 1402 - Tentative logging, as I think this was the most likely Filipino of 5 listed. Heard on my 2nd last day at 7 level, especially on the ALA 100. Also heard on 4 Sept at 14:00 without any ID at the TOH. Also 22 August. (Salmaniw, Masset, BC)

999 SPAIN COPE, Aug 30 0425 - One of the best TAs heard with 7.5 to 8 level. Often heard, even on poorer TA nights. (Salmaniw, Masset, BC)

1008 AUSTRALIA Queensland 4TAB Brisbane, Sep 6 0816 - Didn't check for // while at Rose Spit. DU EE sports program. I'm assuming this to be 4TAB. Also noted another DU EE speaker cochannel. Not sure whether the other TAB stations are all cochannel, or carry their own programs. There's also 2TAB in Canberra (only 0.3 kW), and 7TAB in Launceston, Tasmania (5d kW). Cochannel, more likely Newstalk ZB in Tauranga, NZ, however with 10 kW. (Salmaniw, Masset, BC)

1008 CHINA unid, Sep 9 1315 - On my last morning in Masset, noted a Chinese station cochannel to JONR, but didn't stay around to ID it. CNR1 noted here last September. (Salmaniw, Masset, BC)

1008 HOLLAND GrootNieuwsradio, Zeewolde, Aug 30 0525 - I wonder if this was this Dutch station on it's last or next to last evening? Listed in the EMWG as ceasing transmissions on 1 Sept08. 8 to 8.5 level. I didn't take many notes, but the following night I presumed it to be SER in Spain. (Salmaniw, Masset, BC)

1008 JAPAN JONR ABC, Osaka, Sep 9 1313 - 8.5 level with JJ programming. Heard many mornings with cochannel CC station(s). (Salmaniw, Masset, BC)

1017 CHINA Guangdong ?Guangdong Satellite, Sep 4 1254 - This is my guess for another weaker cochannel under the Filipino and NHK2 station. In Chinese (not

Korean). Also noted at 14:26 on 26 August, in CC again, not // to other CNR1 stations. (Salmaniw, Masset, BC)

1017 JAPAN JOLB NHK2, Fukuoka, Sep 8 1405 - 9 level with Chinese lesson. Heard a number of mornings. 50 kW listed. (Salmaniw, Masset, BC)

1017 PHILIPPINES ?DXAM Davao City, Aug 23 1405 - Going to have to check on this one, and perhaps Patrick Martin might be of assistance here. There are 5 Filipinos listed here. Good 8 level signal with local talent show. Lot's of vocals noted, some off key. Noted again on 2 Sept with Christian broadcast at 14:12 and again at 12:54 on 4 Sept with call-in Karaoke show and music requests. Hymn noted at 14:10 on 5 Sept. My guess is that this is DXAM In Davao City at 10 kW. Evangelical Christian pgms noted in PAL. (Salmaniw, Masset, BC)

1020 ALASKA ex KAXX, Eagle River, Aug 31 0605 - New call letters heard at 06:05....KABA (or KACA or KAVA) at good level. (Salmaniw, Masset, BC)

1026 CHINA Beijing Jingji GD, Beijing, Aug 24 1304 - A presumed logging. Heard at 9 level on the 24th, and several other days. Not // to CNR1 on 5030. Also heard at 8+ level on 8 Sept after 14:00. (Salmaniw, Masset, BC)

1035 JAPAN NHK2, Sep 5 1410 - 7 NHK2 stations listed between 0.1 and 1 kW here. Heard under CC station. Heard in the clear at 8 level at 14:10 on 3 Sept. (Salmaniw, Masset, BC)

1035 PORTUGAL Radio Club Portugues, Belmonte, Aug 25 0524 - The TAs during my stay in Masset weren't nearly as common as last September 07. Despite a promising start in mid to late August, the A/K indices did not cooperate, and few TA signals were heard on many nights. On this reasonable night, had a solid 7.5 signal with 'Hey Jude' and Portuguese talk. (Salmaniw, Masset, BC)

1035 SOLOMON ISLANDS SIBC Radio Hapi Isles, Honaira, Sep 6 0712 - Heard with 7+ signals for over an hour, // to SW 5019.87 (including at 08:13, 'Killing me Softly'. Another very nice one to catch here!. (Salmaniw, Masset, BC)

1044 CHINA Jiangsu CRI, Changzhou, Sep 8 1405 - Heard on many mornings with CRI JJ programming. Often at 8 to 9 levels. Sometimes cochannel with what sounded like a CC station, but not much listed in PAL. Will have to look into this further. (Salmaniw, Masset, BC)

1044 SPAIN SER Radio, Aug 30 0441 - 7 level on a reasonably good Spanish TA opening. (Salmaniw, Masset, BC)

1053 CHINA unid, Sep 5 1415 - Not sure which Chinese station this would be. Perhaps ?Yanbian RGD?. Heard cochannel with JOAR with 9 strength on this exceptional Asian opening. (Salmaniw, Masset, BC)

1053 JAPAN Aichi JOAR CBC, Nagoya, Sep 4 1410 - 9 level on this particular morning without mention of cochannels, which so often dominate the channel. Heard on about 1/3 of mornings with or without cochannels. (Salmaniw, Masset, BC)

1053 RUSSIA unid, Sep 9 1313 - Noted some Russian with cochannel South Korean jammer and North Korea. This will need more investigation as I have no other reports of same. 2 10 kw listed in PAL in Belogorsk and Krasnoyarsk. The latter listed is Radio Shanson, which I don't think has been on in years. (Salmaniw, Masset, BC)

1053 SOUTH KOREA Jammer, Sep 9 1313 - South Korean white noise jammer heard quite strong. Other mornings absent or barely there. Also heard the North Korean (?I think according to my notes) cochannel. (Salmaniw, Masset, BC)

1053 UK Talksport, Sep 2 0442 - 7 level // to 1089. (Salmaniw, Masset, BC)

1062 PHILIPPINES NCR DZEK Eagle Bctg Corp, Pasig. Metro Manila, Sep 8 1406 - Heard at 8 level with English news. Mentions of 'landslides', and 'local government'. Cochannel with KBS1. Don't notice any other loggings during this dxpedtion. A presumed logging, as there is a 5 kW station listed in Marbel (DXKI FEBC). (Salmaniw, Masset, BC)

1062 SOUTH KOREA Chungcheongbuk-do HLKQ KBS1, Cheongju, Sep 8 1406 - Heard this one cochannel to DZEC on one day only. (Salmaniw, Masset, BC)

1071 ?AUSTRALIA unid, Sep 6 1040 - Possibly 4SB in Kingaroy, Queensland or 3EL in Maryborough, Victoria. Then again, possibly RNZ National in Masterton, NZ. 9 signal with EZL music. Having so much fun, that I didn't stay around for any IDs. Perhaps my SDR files might yield an ID. All this from my night at Rose Spit. (Salmaniw, Masset, BC)

1071 CHINA unid, Sep 5 1415 - A number of Chinese stations listed. Usually just a jumble of noise, but today, could clearly make out STV in JJ and CC cochannel. (Salmaniw, Masset, BC)

1071 JAPAN Hokkaido JOWM STV, Obihiro, Sep 5 1415 - Usually just a jumble, and impossible in Victoria due to our local CFAX on 1070. On the 5th which was an exceptional Asian opening, heard JOWM in JJ, // to 1287 cochannel to a Chinese station at 8 level. Also heard on 2 and 3 Sept, // to 1440. (Salmaniw, Masset, BC)

1080 NORTH KOREA Hwanghae Namdo KCBS, Haeju, Sep 5 1419 - Heavily jammed by South Korean white noise. 8 level. Hard to believe that the North Korean is putting out 1500 kW as the jammer almost always dominates. Many mornings, only the jammer heard. (Salmaniw, Masset, BC)

1089 CHINA Liaoning Liaoning Satellite, Shenyang, Sep 9 1315 - A tentative logging. John Bryant heard this one last year in Masset. 8 level on my final morning in Masset. Usually cochannel with JOHB. On 24 August at 13:08 was // to CNR1 at 9 level during closing ceremonies for Olympics. Impossible to say from where. Perhaps also CNR6 Shenzhou zhi Sheng, from Fuzhou, Fujian with 600 kW would also be a possibility. (Salmaniw, Masset, BC)

1089 JAPAN Miyagi JOHB NHK2, Sendai, Sep 8 1410 - Very strong on this particular morning with some music cochannel. Heard on many mornings. (Salmaniw, Masset, BC)

1089 UK Talksport, Sep 2 0440 - 7.5 level with English sport related programming. // to 1053. (Salmaniw, Masset, BC)

1098 JAPAN unid, Sep 3 1415 - Japanese at 7 level. Just strong enough to know it's not JOFN in Kitahiyama, Hokkaido (not // to 1287). Also reported as JJ on other days, although I suppose my ability to differentiate between JJ and KK is not good enough to exclude HLCJ KBS1 from Jinju with 20 kW. Never a particularly strong channel. Often just a jumble plus the OC of V7AB. (Salmaniw, Masset, BC)

1098 MARSHALL ISLANDS V7AB Radio Marshalls, Majuro, Sep 6 0800 - English news at 08:00, but first tuned in at 07:40 with strong signal except for splatter. 'Blue Bayou' at 11:05 noted, and Elvis music at 10:42. 'Happy Birthday to you, from Mama, Papa and Nancy' at that time in Marshallese. Faded out more or less by their scheduled s/off time of 11:30. Overall very well heard during my overnight stay at Rose Spit. (Salmaniw, Masset, BC)

1107 JAPAN unid, Sep 2 1418 - One of several JJ commercial stations listed. Heard many mornings, although I'll need to rule out Korean MBC which I note is also here with 10 kW from HLAV in Pohang. (Salmaniw, Masset, BC)

1116 AUSTRALIA Queensland 4BC Brisbane, Sep 6 1054 - 4BC and Brisbane ID at 10:54 with a ball game play by play (Panthers vs someone else). Also an ad for an Australian Zoo. Up to 9 level during a night at Rose Spit. (Salmaniw, Masset, BC)



Tow Hill from the east side. My cottage is some 13 km to the west of this landmark. To reach the Rose Spit DXpedition site, one needs to drive about 7 km along this beach, then access a dirt track along the tree line and drive another 10 km to reach the open grass. The results were well worth it, however! This picture incidentally was taken upon my return from my overnight stay at Rose Spit.

1116 CHINA Heilongjiang CNR2 Harbin, Aug 24 1310 - This is a guess on my part, as the programming was // to CNR1 at this time with 8 level. Closing ceremonies for the Olympics. Chinese noted on several other mornings. (Salmaniw, Masset, BC)

1116 NEW ZEALAND RNZ National, Nelson, Sep 6 0746 - A tentative logging, with mentions of Auckland. Cochannel presumably 4BC in Brisbane, which was heard later during the night very well. All this from my 'dpxpedition within a dpxpedition' at Rose Spit. 2 kW listed if indeed it was Nelson. (Salmaniw, Masset, BC)

1116 SPAIN SER Radio, Aug 30 0420 - 7 level on a reasonable TA opening to Spain. (Salmaniw, Masset, BC)

1125 CHINA unid, Aug 29 1313 - Heard this one morning with an echo indicating multiple sites. Not much in PAL to support this, except for Hebei JGD at Shijiazhuang which mentions '2 co-channel relays'. Perhaps it was them. 2 other Chinese stations are listed here as well. 7 level. (Salmaniw, Masset, BC)

1125 JAPAN NHK2, Sep 6 1320 - Now this is a toughie. Heard at Rose Spit at 7 level at 13:20, so hopefully there'll be an ID in there somewhere if recorded. 8 NHK2 synchros to choose from, with the strongest being Haha, Okinawa with 10 kW. The others are 0.1 to 1 kW, but include 3-1 kW Hokkaido stations at Muroran (JOIZ) and Obihiro (JOOC), and Nayoro. Any of these are possibilities as well. (Salmaniw, Masset, BC)

1125 SPAIN Radio Nacional 5, Aug 30 0420 - Heard at 7 level. (Salmaniw, Masset, BC)

1134 JAPAN JOQR NCB, Tokyo, Aug 20 1355 - Heard on most mornings with two equally strong stations, so I usually just noted '2 oriental stations at 9 level' and moved on. On this day, I did note JOQR at 9 level with cochannel South Korea. Not noted obviously from my records is the CNR1 heard last September by John Bryant and Guy Atkins here in Masset, but this may simply from me skipping over this busy channel. (Salmaniw, Masset, BC)

1134 SOUTH KOREA Kyonggi-do KBS Hanminjok Bangsong, Kimpo, Aug 20 1355 - Heard cochannel on most days, especially good Asian mornings cochannel to JOQR. Difficult for me to tell the two apart. KBS listed with a powerful 250/500 kW!. (Salmaniw, Masset, BC)

1152 FIJI Radio Fiji 1, Rakiraki, Aug 31 1340 - Heard one morning only on the ALA 100 only cochannel to NHK2 at 8 level. (Salmaniw, Masset, BC)

1152 JAPAN Hokkaido JOPC NHK2, Kushiro, Sep 3 1356 - Presumably this station as Hokkaido usually is very well heard in Masset. There are 3 other JJ stations listed, though including JORB in Kochi with 10 kW (also NHK2), and Tsuyama (also NHK2 but only 0.1 kW) and ? JORO in Miyako with 0.5 kW. 8 level signal. 9 level on 2 Sept at 14:20. NHK2 heard on a number of mornings during the dxpedition. John Bryant heard both Kushiro and Kochi simultaneously during last September's dxpedition here. (Salmaniw, Masset, BC)

1161 AUSTRALIA unid, Sep 6 0849 - Weak 7 level with lots of splatter. DU English talk noted. Could be 7FG ABC Northern Tasmania in Fingal with 1 kW, or 4FC in Maryborough Queensland with 2 kW (more likely) or 5PA ABC Southeast in Narcoorte in South Australia with 10 kW directional (less likely). I also note that there's a Maori station in Wellington, NZ with 5 kW, but I doubt there would be any English talk. Programming sounded like sports play by play. (Salmaniw, Masset, BC)

1161 CHINA CNR1, Sep 4 1415 - 9 level noted on this good Asian morning in Chinese, but not positively ID'd as // to other CNR1 channels. Will need to go back and confirm as there are several low power CC outlets on this channel, as well as some Taiwanese outlets. Chuck Hutton did note the BCC station here last September. (Salmaniw, Masset, BC)

1170 ALASKA KJNP, North Pole, Aug 21 1357 - Usually heard well in the evening, but on this occasion, heard with an ID at 13:57 with their colourful IDs and weather forecast. Frequency normally dominated by VOA or KBS. (Salmaniw, Masset, BC)

1170 PHILIPPINES La Union DWVA Voice of America, Poro Point, Sep 5 1425 - Very strong VOA jingle at 9 level in listed Cantonese programming. Exceptionally good Asian opening. Other mornings mixing with domestics. Also heard very strong on 4 Sept at 14:16, and at 13:57 on August 23rd with an English lesson. (Salmaniw, Masset, BC)

1170 SOUTH KOREA Jeollabuk-do HLSR, Aug 29 1315 - 'KBS Radio' ID at 13:15 at 9 level. Very strong, and not in accordance with PAL which lists RKI in Chinese at this time (13:00 to 14:00). 500 kW listed, and it sounded like it! Interesting that, like VOA from Poro, it was not heard every day, but when present was very strong. Also heard at 14:00 on 2 Sept. Noticed Bruce Portzer IDing this one last September as 'KBS World Radio' at 13:00 ending JJ and into CC, so perhaps this still makes sense as the ID is not longer RKI, but KBS World Radio. (Salmaniw, Masset, BC)

1179 JAPAN JOOR MBS, Osaka, Aug 21 1358 - JJ noted on a number of mornings, including also 24 and 26 August. Sometimes cochannel. 9 level on 5 Sept. Occasional IBOC hash noted on some mornings. Cochannel with someone else on occ mornings, thought to be Chinese. (Salmaniw, Masset, BC)

1188 CHINA Yunnan CRI, ?Kunming, Aug 24 1326 - Possibly CRI here with a relay of the closing ceremonies of the Beijing Olympics. 300 kW listed here. Could also be the lower power Xingtai RGD, I suppose with 10 kW. Didn't wait around to see. CRI listed in Burmese at this time. (Salmaniw, Masset, BC)

1188 SOUTH KOREA Seoul HLKX FEBC, Inchon, Sep 5 1425 - 9 level with Christian style programming, so presumed HLKX with 100 kW. CC listed at this time. Some mornings cochannels noted. Also very strong on 30 August. (Salmaniw, Masset, BC)

1197 JAPAN Hokkaido STV, Sep 7 1414 - 5 STV transmitters located on Hokkaido between 0.1 and 3 kW with the strongest being JOWL in Asahikawa. Heard at 8 level, // to 1440. Also very strong JJ (presumably also STV) on 2 Sept at 9 level. Some cochannels noted on 24 August. (Salmaniw, Masset, BC)

1205.97 CHINA Jilin Yanbian RGD, Yanji, Sep 7 1415 - Often heard at very strong levels in Korean up to 9 level. Measured very slightly low on one morning at least, but likely there always, as John Bryant commented on it being the usual 50 Hz low last September. (Salmaniw, Masset, BC)

1206 FRANCE France Info, Bordeaux-Neac, Aug 31 0449 - 300 kW makes it out very well. Often heard in Victoria as well. 7 level. (Salmaniw, Masset, BC)

1215 CHINA Liaoning CNR2 Shenyang, Aug 24 1326 - This is a presumed logging with // broadcast to CNR1 with closing ceremonies at the Beijing Olympics at 8.5 level. Heard CC on 4 Sept as well. Otherwise, I don't have any loggings here (part of the reason is that I normally start at the bottom and work up. If things are hopping, I might not even get to the upper half of the band....hence the usefulness of Perseus SDR to record part or the entire MW spectrum!). Two other CC stations are listed here, and I suppose it could also be one of them....Tianshan JGD in Tianshan (unlikely), and Zhongguo Huaxia zhi Sheng CNR7 from Zhujiang, Guangdong....possible. (Salmaniw, Masset, BC)

1215 SPAIN COPE, Aug 26 0448 - Numerous COPE transmitters listed here, with 8.5 signal at 04:48 and again at 05:04. Other times, this frequency is owned by Absolute Radio in the UK. (Salmaniw, Masset, BC)

1215 UK Virgin Radio/Absolut Radio, Aug 31 0450 - Heard at 8 level, but when rechecked at 0506, COPE from Spain had replaced the English station. Still noted the Virgin Radio ID at 04:32 on 2 Sept08 at 9 level!. (Salmaniw, Masset, BC)

1215 UNID unid, Sep 9 1320 - Noticed English programming at this time at 8 level. No idea who this would be, and hopefully I have some SDR files to check. I noticed that Chuck Hutton heard an unid EE religious station at 13:52 on Sept 22 of last year. Wonder if there's a connection? More digging will be necessary. Normally there's not a lot on this channel. (Salmaniw, Masset, BC)

1224 CHINA unid, Aug 24 1325 - Perhaps this is the CNR Shenzhou zhi Sheng in Fujian to Taiwan, relaying CNR1 closing ceremonies of the Beijing Olympics. A very strong morning with this one at 8 level, and // in this case to many frequencies including 1215. (Salmaniw, Masset, BC)

1224 JAPAN Ishikawa JOJK NHK1 Kanazawa, Sep 5 1426 - Heard at 8 level. I will need to verify that this was a NHK1 transmission to ensure I wasn't listening instead to HLAA KBS3 in Gwangju with 20 kW. JOJK is listed with 10 kW, and there are 2 weaker translators of 0.1 and 0.3 kW. Interesting that Chuck heard this one with call letter ID at 13:36 Sept 20, 2007. Do NHK1 stations give local IDs now at this time? That would truly be wonderful to help ID them!. (Salmaniw, Masset, BC)

1224 SPAIN COPE, Sep 2 0438 - 8+ level up from only a 3 signal around 04:15. (Salmaniw, Masset, BC)

1233 AUSTRALIA NSW 2NC ABC Newcastle, Newcastle, Sep 6 1059 - 7.5 level signal from Rose Spit. Noted again at 11:13 with the 'Warriors' in a ball game. Excellent DU opening that night!. (Salmaniw, Masset, BC)

1233 JAPAN unid, Aug 24 1327 - Heard at 7 level on this excellent Asian morning with cochannel. Several low power JJ stations listed here with RAB, WBC, and NBC networks with 0.1 to 5 kW. Also there's 2 KBS1 stations with 1 kW, so I'll need to listen

more on this channel to figure things out for sure, if that's possible!. (Salmaniw, Masset, BC)

1242 JAPAN JOLF NBS, Tokyo, Sep 9 1321 - Heard often at very good levels up to 9 on most mornings. Twice noted a het from a station around 1242.4. I notice that PAL reports Ji'an RGD in Ji'an, Jiangxi 'possibly on 1242.45' and // to 603. Will have to see whether I can dig out any audio from this one. (Salmaniw, Masset, BC)

1251 RUSSIA Primorskiy Voice of Russia, Ussuriysk, Sep 3 1400 - 8 level signal with VOR IS. Also noted on Aug 30th before 14:00 in CC at 8 level too. Chuck Hutton noted the VOR chimes at 13:00 on Sept 20 last year in Masset. Power is not listed in PAL. (Salmaniw, Masset, BC)

1260 JAPAN Miyagi JOIR TBC, Sendai, Aug 24 1330 - Nice jingle ID for 'TBC'. 9 level. Heard often during my month in Masset. 20 kW listed. Will have to check for their listed // of 801, 1215 and 1557. Guy Atkins noted the latter // last Sept. here. (Salmaniw, Masset, BC)

1269 JAPAN Hokkaido JOHW HBC, Obihiro, Sep 5 1431 - 2 HBC stations listed here: Obihiro with 5 kW and Esashi with 1 kW, so I'm probably more likely to here the former. There are also 2 other JJ stations as well as 2 KBS1 stations on the same frequency. This morning they were in the clear at 9 level relaying 1287. Other mornings I usually have heard cochannel....either the other JJ or possibly the KK stations. This might be a misprint, by I noted on 3 September the VOR IS as well on this channel? I know I heard it on 1251 at this time. Hmmm. Back to checking the SDR files! Might also have heard VOR on 1323 with the same IS!. (Salmaniw, Masset, BC)

1278 CHINA Heibei Heibei RGD Comprehensive Channel, Shijiazhuang, Aug 29 1319 - Presumably this one when band is favouring China over Japan. Other days a jumble of both or more. (Salmaniw, Masset, BC)

1278 JAPAN JOFR RKB, Fukuoka, Sep 4 1243 - Heard often at good levels, but on other days jumbled in with others. (Salmaniw, Masset, BC)

1287 AUSTRALIA NSW 2TM, Tamworth, Sep 6 0648 - Either Newstalk 1287 from Tamworth, NSW or Radio Sport in Westport, NZL. Both listed with 2 kW. Heard with English ads at 8 level during my night at Rose Spit. Will need to look into this some more. (Salmaniw, Masset, BC)

1287 JAPAN Hokkaido JOHR HBC, Sapporo, Sep 9 1325 - No need to dwell on this one long. Consistently very strong and regular, and often one of the last JJ stations to fade out in the morning. Often at armchair levels. Very useful to IDing the many other lower powered HBC stations such as 801, 864, 900, 1098, 1269, 1368, 1404, 1449, 1494, and 1557! Nice ID heard at 13:17 on 28 August for 'HBC Radio'. Did notice a weak cochannel on some mornings. (Salmaniw, Masset, BC)

1296 JAPAN Shimane JOTK NHK1, Matsue, Aug 24 1330 - Heard once with NHK1 network programming, cochannel to Chinese station(s). Other mornings, I only noted 'Chinese' stations, although I noted that last Sept, most of what was being heard here was CRI in Vietnamese. I'll have to look into this further. Possibly I was also hearing this (although I think I can tell the difference between VV and CC), or another CC station (perhaps Shanghai Dongfang News station) or a Taiwanese channel (BCC). Sometimes heard at 9 level (the CC one, that is). (Salmaniw, Masset, BC)

1305 SOUTH KOREA Gyeongsangbuk-do HLSV KBS1, Uljin, Aug 30 1307 - Not much recorded on this channel, with me often just mentioning in passing a jumble, or 'strong signal'. Other cochannel(s) likely CNR2 programming. 9 level on this morning. (Salmaniw, Masset, BC)

1305 UNID unid, Sep 5 1433 - Not sure who this is on this very good Asian morning, with an unid language with a call-in show at 7 level. Thailand? Pakistan? India? or just CNR2 or KBS1 sounding different to me. More work needed on this one. (Salmaniw, Masset, BC)

1314 JAPAN JOUF OBC, Osaka, Sep 2 1355 - 9 level with Radio Osaka in JJ. Heard usually when this channel was propagating, although at times heard other weaker cochannel, including an echo on 4 Sept at 14:13 which usually signifies a Chinese station. (Salmaniw, Masset, BC)

1323 CHINA CRI, Sep 3 1400 - CRI in Russian. Multiple sites listed. Heard on many mornings, but not as strong as 963. The consensus is that the transmitter site we hear is most likely from Jilin, Manchuria. The interesting thing is that on this day at 14:00, I also heard the VOR IS. VOR is listed from Huadian, Jilin in KK from 14:00 to 15:00. Now there's also a 'Jilin' listing in PAL stating that they may share tx with CRI. Other CRI RR service transmitters are listed in ?Shuanghyashan, Heilongjiang at 100 kW to Siberia/FE and Urumqi, Xinjiang to Eu/Central Asia. All Very interesting indeed! Would 2 Jilin transmitters be on at the same time from the same region broadcasting two different programs?. (Salmaniw, Masset, BC)

1330 ALASKA KXLJ, Juneau, Aug 19 1445 - Heard testing on their first day with mostly open carrier, but ID'ing at 14:45, 15:01 and 15:50 as, 'Progressive Radio for Juneau, KXLJ 1330' at expected excellent level. Nice to have captured them on their opening day. Normal programming as I recall from the following day. (Salmaniw, Masset, BC)

1332 AUSTRALIA Queensland 4BU Classic Gold, Bundaberg, Sep 6 0847 - Presumably an Australian heard while at Rose Spit overnight. 9+ strength with oldies including 'Mrs Brown you've got a lovely daughter' and Chubby Checkers with Twist. Cochannel to NZ, but much stronger. Could also be 3SH, Classic Hits at Swan Hill, Victoria. Not sure whether they are in parallel or have independent programming. Ideas?. (Salmaniw, Masset, BC)

1332 CHINA Jilin Changchun JGD, Aug 29 1320 - Possibly Changchun (heard and ID'd by Bruce Portzer last Sept in Masset), on a very strong Asian morning. In Chinese. 4 other CC stations also possible, but didn't wait around to ID. Perhaps I'll have some luck when reviewing the SDR loggings. Strong 8 to 9 signal. (Salmaniw, Masset, BC)

1332 JAPAN Aichi JOSF Tokai Hoso, Nagoya, Sep 9 1335 - Heard most mornings by itself, but several times cochannel with a CC speaker. Often at 9 signal strength. (Salmaniw, Masset, BC)

1332 NEW ZEALAND Radio Sport, Auckland, Sep 6 0847 - Presumably them under very strong co-channel 4BU (and/or possibly 3SH) in Australia. Play by play sports action. (Salmaniw, Masset, BC)

1350 JAPAN JOER RCC, Hiroshima, Sep 7 1358 - 8 to 9 signal strength along with cochannel Korean. Heard many times during the month in Masset. Will need to check 1530 as a relay to differentiate the two with certainty. Noted at 9 strength at 13:56 at Rose Spit on 6 Sept as well. Heard every morning around 14:00 in mid to late August as well, usually at 9 strength. Cochannel KK seemed to appear later in the visit in September. (Salmaniw, Masset, BC)

1359 CHINA CNR1, Aug 24 1335 - Multiple sites noted with choral music parallel to 5030. Normally a very difficult channel with frequent mentions of 'jumble' on other mornings. (Salmaniw, Masset, BC)

1368 CHINA Xinjiang CNR1, Karamay, Aug 24 1337 - Heard at 8 level cochannel to JJ station. Could very well have been one of the other CC stations in Fujian, Hubei, or Heilongjiang, though, relaying CNR1 during closing ceremonies at the Olympics. Didn't hear any other morning. (Salmaniw, Masset, BC)

1368 JAPAN unid, Aug 28 1416 - Didn't check on who this would be. Most likely JOTS HBC in Wakkanai, Hokkaido with 1 kW (will need to check 1287 for //). Also possible would be any of the 10 NHK1 relays between 0.1 and 5 kW. The latter was also heard last September in Masset. (Salmaniw, Masset, BC)

1377 CHINA CNR1, Aug 2 1236 - 2 CNR1 stations are listed in my PAL: Shijiazhuang, Hebei and Xinyang, Henan with 600 kW. Could also be another regional relaying CNR1 during the Olympics as well. Heard dominating NHK2 on this frequency and occasionally on other days (but more often it was the NHK2 station dominant). 8.5 to 9 level. (Salmaniw, Masset, BC)

1377 FRANCE France Info, Lille-Camphin en Carembault, Sep 2 0417 - Another commonly heard station in Victoria with 300 kW. 7 level, so not surprising heard often in Masset as well. (Salmaniw, Masset, BC)

1377 JAPAN NHK2, Sep 7 1400 - Heard at 9 level on this very good JJ morning. 3 NHK2 stations listed including JOTZ in Hachinohe, Aomori with 1 kW, JOAC in

Nagasaki with 1 kW, and JOUC in Yamaguchi with 5 kW. Heard on a number of mornings. (Salmaniw, Masset, BC)

1386 JAPAN NHK2, Sep 7 1357 - 4 NHK2 stations listed, all with 10 kW. So it'll be one (or more) of: JOHC Kagoshima, JOJB Kanazawa, Ishikawa, JOQC Morioka, Iwate, or JOKB Okayama. Perhaps one of my SDR files will have an ID(s). 8 level. (Salmaniw, Masset, BC)

1386 NEW ZEALAND Radio Tarana, Auckland, Sep 6 0650 - Exceptionally strong Hindi programming at 06:50 at 9 level. Happy Father's Day mentioned at 07:13. Makes sense for the following day, which indeed is Father's Day in NZ. Lot's of good programming recorded for prosperity on my portable mp3 Edirol recorder. All this at Rose Spit. (Salmaniw, Masset, BC)

1386 THAILAND Bangkok Sathaanii Witthayu Pheua Kaan Kaset, Bang Khen, Aug 28 1320 - I'm going way out on a limb. 1386 is dominated by NHK2 in the morning, but often I also heard a cochannel station with a lot of music, especially western music. On this day, the language appeared to be Thai, but I do hope I have more evidence on the SDR files for confirmation. (Salmaniw, Masset, BC)

1395 CHINA Anhui Anhui RGD Siao shuo Pingshu Guangbo, Hefei, Aug 28 1341 - Not really sure which CC is on this frequency, but noted a major echo at 13:41. Didn't hear that any other day, though. 1 other CC station also listed in PAL, being Xilinhot RGD in Xilingol, Nei Menhhu with 10 kW (vs 50 for Anhui). My PAL also has a typo, listing a Surabaya station (Indo) as a CC station. (Salmaniw, Masset, BC)

1395 JAPAN unid, Aug 30 1305 - 4 low powered JJ stations between 0.1 and 1 kW listed for RFC, RKC, and CRK networks. Perhaps more likely I was hearing HLCO KBS1 from Ceorwon, South Korea with 10 kW. 9 level. Both were heard last fall here, so I'll need to review the SDR files to be certain. (Salmaniw, Masset, BC)

1395 UNID unid, Sep 7 1400 - No idea who this could be with an English call-in show. No ID at the TOH. Either Australia (5aa Adelaide, S. Australia with 5d kW, or 2LG ABC Central West Lithgow NSW with 0.2 kW only), New Zealand (Newstalk ZB in Oamaru, North Otago with 2 kW, or one of 3 Filipino stations: DYRC, DZVT, or DWMG. I'll have to go back and check the SDR files if I have them for this frequency. (Salmaniw, Masset, BC)

1404 CHINA Hubei Hubei RGD, Aug 20 1356 - Multiple locations of this station is probably the cause of the echo heard on a couple of mornings. (Salmaniw, Masset, BC)

1404 JAPAN Hokkaido JOQL HBC, Kushiro, Aug 21 1402 - Heard with 5 kW in parallel with 1287. Heard on several mornings at 9 level. (Salmaniw, Masset, BC)

1413 JAPAN JOIF KBC, Fukuoka, Sep 7 1354 - Excellent reception most mornings with occ. cochannel(s) as well. In fact, reported as a 'perfect 10'on 6 Sept, 'KBC Radio' ID at 13:53. (Salmaniw, Masset, BC)

1422 AUSTRALIA Victoria 3XY Radio Hellas, Melbourne, Sep 6 0921 - Greek sounding programming at 7.5 level. Definitely Australia, and didn't sound like the other Aussie listed in Port Douglas (4AM) or 6GS in Wagin, WA. (Salmaniw, Masset, BC)

1422 JAPAN Kanagawa JORF RF, Yokohama, Aug 30 1302 - Heard many mornings at 9 level. English ID as, 'This is JORF' and into an English poem. Het from 1422.8 heard on a number of mornings, possibly from a Filipino station? Often playing EZL music. (Salmaniw, Masset, BC)

1422 PHILIPPINES unid, Sep 5 1436 - Sounds like a Filipino at 7 level this morning, but too weak to ID which one. 4 listed. I didn't note whether this one was off frequency (recall I heard someone/something on 1422.8 on other days). DYZD in Ubay, Bohol is listed at 5 kW and reported on 1422.2 in PAL. More investigation needed. (Salmaniw, Masset, BC)

1431 JAPAN unid, Aug 30 1301 - Heard Japanese twice only, on this day, and also 24 August. A total of 11 transmitters listed between 0.1 and 5 kW with various networks. I'll have to see whether anything turns up in the SDR files. (Salmaniw, Masset, BC)

1440 JAPAN Hokkaido JOWF STV, Sapporo, Sep 9 1330 - One of the strongest of the Japanese stations heard every morning, often at armchair levels. Useful for hearing other // stations. Noticed the occasional cochannel as well. Also often on well into the morning. (Salmaniw, Masset, BC)

1449 JAPAN Hokkaido JOQM HBC, Abashiri, Sep 4 1340 - Heard many mornings, parallel to 1287. Often well heard, at 8 level. (Salmaniw, Masset, BC)

1449 SOUTH KOREA HLQB KBS1, Ulsan, Sep 7 1348 - This 10 kW station heard at 7 level. No other references to this one, other than mentions of cochannel. Normally a Japanese station was heard here. Not an easy frequency. (Salmaniw, Masset, BC)

1458 CHINA Jiangsu Lianyungang RGD, Lianyungang, Sep 7 1400 - Heard several times with Chinese programming, and I'm assuming it's this one, as the other Chinese transmitter (albeit with 150 vs 5 kW) is in Huhhot in Mongolian. 7 level. Heard on a couple of other mornings. An interesting frequency as various languages have been heard here. (Salmaniw, Masset, BC)

1458 PHILIPPINES Negros Oriental DYZZ Bantay Radyo, Guihulgan, Sep 6 1330 - Presumed it's this Filipino at 8 level on a good Filipino morning at Rose Spit. (Salmaniw, Masset, BC)

1467 CHINA unid, Sep 9 1320 - Chinese with echo. 4 Chinese stations listed, so I'm not sure who this would be. The strongest listed is Fujian JGD Caifu Guangbo in Fuzhou, Fujian. Although I recall reading somewhere that the echos were indicative of someone else? 8 to 9 level. (Salmaniw, Masset, BC)

1467 JAPAN NHK2, Sep 4 1404 - 10 NHK2 syncros are listed between 0.1 and 1 kW. I suspect the most likely are 2- 1 kW station on Hokkaido, being JOVB in Hakodate and Wakkanai. Frequently heard in the clear, or cochannel with usually KBS1. (Salmaniw, Masset, BC)

1467 PHILIPPINES unid, Sep 6 0912 - 7 signal level. I wondered about Fiji, or a Filipino station while at Rose Spit. Too weak to be certain, but perhaps I'll garner more information from SDR files. 2 Filipino stations listed. DXVP Catholic Media Network in Bolong with 5 kW, and DWVR Radio Veritas in San Jose at 1 kW. I suspect the former. (Salmaniw, Masset, BC)

1467 SOUTH KOREA Jeollanam-do HLKN KBS1, Mokpo, Sep 7 1401 - 9 level on a very good Asian morning. Heard on 3 or 4 other mornings, but not as often as the Japanese. 10 kW listed. (Salmaniw, Masset, BC)

1475 MALAYSIA Sabah Suara Malaysia, Kota Kinabalu, Aug 28 1328 - Not heard many mornings, but on this morning a solid 9 level. Only heard a couple of other mornings, and then at 6 or 7 level only. (Salmaniw, Masset, BC)

1476 CHINA unid, Aug 29 1325 - Heard Chinese on several mornings. 8 level. Will need to study audio recordings for an ID. (Salmaniw, Masset, BC)

1476 JAPAN Nagano JOSD NHK2, Iida, Sep 3 1405 - 3 NHK2 outlets listed with the strongest being JOSD with 1 kW. The other two are 0.1 kW senders in Ehime Prefecture. Solid 8 level. Sometimes bothered by an off-channel transmitter on about 1476.05 (?Filipino). (Salmaniw, Masset, BC)

1494 FEDERATED STATES OF MICRONESIA Yap V6AI FSM Telecomm, Colonia, Sep 9 1330 - 8 level heard only on my ALA100 aimed towards New Zealand/Australia. Also heard on one other morning. (Salmaniw, Masset, BC)

1494 JAPAN Hokkaido JOTL HBC, Nayoro, Sep 8 1448 - Despite being only 1 kW compared to JOYR in Okayama with 10 kW, this station was the usual one heard. Easy to check // with the ever present 1287. Often cochannel too. (Salmaniw, Masset, BC)

1494 PHILIPPINES NCR DWSS Quezon City, Metro Manila, Aug 20 1348 - Presumed here with monster 9 signal. Heard on one other morning as well. (Salmaniw, Masset, BC)

1500 HAWAII Oahu KUMU, Honolulu, Sep 6 0630 - Very good reception while at Rose Spit with ball game play by play. (Salmaniw, Masset, BC)

1503 JAPAN JOKU NHK1, Akita, Sep 9 1330 - Presumably Akita with 10 kW, although there are 3 other translators of 0.05, 0.1 and 1 kW. Heard on many mornings. (Salmaniw, Masset, BC)

1512 AUSTRALIA NSW 2RN ABC National, Newcastle, Sep 7 1335 - Heard one morning only with US oldies music, mixing with another Asian station. 9 level. Phone number also given....746xxxxx. (Salmaniw, Masset, BC)

1512 JAPAN NHK2, Aug 22 1256 - 8 different low power (0.1 to 5 kW) transmitters listed. Heard at 8 level. A busy channel on many mornings. (Salmaniw, Masset, BC)

1512 PHILIPPINES DYAB, Cebu City, Aug 23 1343 - Presumably this one (DZAT also listed) with 15 kW and heard last September. Heard on several mornings with call in show. level. Heard on at least 3 other days, occ. cochannel with a Chinese station. (Salmaniw, Masset, BC)

1521 CHINA unid, Aug 28 1400 - There must be 20 Chinese transmitters listed on 1521, so I have no idea who my logging is from, apart from a description of 'Chinese' in my logging. Normally only NHK2 heard here. Not noted on other mornings. (Salmaniw, Masset, BC)

1521 JAPAN NHK2, Sep 7 1338 - 10 different transmitters listed between 0.1 and 1 kW. Heard on a number of mornings, but never better than a 7. (Salmaniw, Masset, BC)

1530 JAPAN unid, Sep 7 1339 - Several low power networks listed here. Not sure who, but they were in slow English with a JJ tale. 8 level. The Filipino is the more usual station heard here. (Salmaniw, Masset, BC)

1530 PHILIPPINES NCR DZME Capitol Bctg Center, Bulacan, Metro Manilla, Aug 20 1348 - Heard many mornings and particularly well this morning at 9 level with talk about flesh eating bacteria. Often mixing with other cochannels on other mornings. (Salmaniw, Masset, BC)

1539 CHINA CNR1, Aug 31 1327 - PAL states that this transmitter has an unknown site. Heard here with an echo at 8.5 level. Also heard 20 August. Possibly multiple sites due to echo heard. IBOC hash heard here one day only. (Salmaniw, Masset, BC)

1539 JAPAN NHK2, Sep 7 1332 - A total of 17 0.1 kW translators listed, so take your pick! Strong 8 level heard on this occasion. Heard several times more as well. (Salmaniw, Masset, BC)

1540 HAWAII Oahu KREA, Honolulu, Aug 20 1337 - Presumably them at fair level at this time. I didn't specifically target Hawaiians during this DXpedition, but ran across the odd one. (Salmaniw, Masset, BC)

1548 AUSTRALIA Queensland 4QD ABC Central Queensland, Emerald, Sep 6 1339 - Heard while at Rose Spit at 8 level. Also on several mornings in Masset. 50 kW, so no surprise that it's so well heard. Several cochannels often present, and slightly off frequency producing an unpleasant rumble. An interesting program heard on 1 Sept about whaling. (Salmaniw, Masset, BC)

1548 RUSSIA Sakhalinskaya RSt Mayak, Aleksandrovsk, Sep 1 1334 - Just 10 kW listed. Heard quite well under cochannel Australia. Also heard in the jumble on 29 August. Nice ID for Mayak heard at 1330 on 23 August. 9 level on that day. My PAL had listed a 08:00 sign-off, but clearly not the case. (Salmaniw, Masset, BC)

1548 SRI LANKA Deutsche Welle, Trincomalee, Aug 31 1321 - Just as excited this year to hear DW in German. One day only, and not quite as strong as last September, but still near armchair copy (9 level). (Salmaniw, Masset, BC)

1557 TAIWAN Yunlin Family Radio, Kouhu, Sep 9 1332 - 9 level heard many mornings with Open Forum program in English. Heard most mornings in English, and Chinese if before 13:00. Also occasional cochannel, but never strong enough to ID. (Salmaniw, Masset, BC)

1566 AUSTRALIA Victoria 3NE, Wangaratta, Sep 4 1344 - Heard on a good DU opening very strong and cochannel to HLAZ. 9 level. Also heard at 14:05 on 28 August with ID as, 'Solid Gold Hits 3NE' at 9 level. (Salmaniw, Masset, BC)

1566 BENIN Trans World Radio, Parakou, Aug 30 0437 - Very happy to have heard this one on several nights. English, American accented preacher at this time. Never did hear a positive ID, so far, but will need to listed to my audio files for a definite TWR ID. Signals at upto 7 to 7.5 level, or even better. At 04:54, heard: 'Spend the rest of our lives blaming God....' Unfortunately, it faded just at 04:59:30, so missed a chance for an ID. Hymn heard at 05:00 and many mentions of Hallelujah. Gone by 05:40. (Salmaniw, Masset, BC)

1566 SOUTH KOREA Jeju-do HLAZ FEBC, Jeju, Sep 9 1333 - Heard of course every morning from good to armchair copy. Often entirely by itself, and other times, with weak, probably Chinese cochannel station. Will have to study the SDR files to have any chance of IDing the other station(s). One note I have is, 'not CNR1'. Seems clear that it is a CC speaker, though. No luck with AIR this visit, it seems. Did notice a het on 1566.2 once at 08:43 on 6 Sept while at Rose Spit. (Salmaniw, Masset, BC)

1575 JAPAN AFN, Sep 6 1330 - Heard about half of the days in Masset, occasionally equal strength to VOA Thailand. On several days, however, AFN overpowered VOA as was the case at Rose Spit on my 12v overnight dxpedition. Clear AFN ID at 13:30. There are 3 -1 kW transmitters listed as follows: AFN Power 1575 in Iwakuni, Yamaguchi pref., AFN The Edge in Misawa, Aomori pref., and AFN Thunder AM in Sasebo, Nagasaki. I have no idea which one my loggings would represent. I recall last year hearing 2 distinct 'AFN' IDs a few seconds apart, but whether they carry separate

programs or not, I have no idea. I've never heard local IDs...mostly NPR and sports only. While in Tokyo a few years back, I did hear local announcements on the big 50 kW 810 transmitter, though. (Salmaniw, Masset, BC)

1575 THAILAND Aytthaya VOA Ban Phachi, Sep 9 1333 - Obviously a regular heard most mornings with VOA programming, often at armchair levels. At times, can be cochannel with AFN Japan, with the latter at times stronger (but not often). About 50% of the time, AFN could be heard under VOA, however. (Salmaniw, Masset, BC)

1584 CHINA unid, Aug 28 1300 - Unid station in Chinese heard on several mornings. A lot of Chinese stations listed, so I have no idea who. Will have to check the various SDR files I have for possible IDs. A very messy frequency...truly a graveyard channel!. (Salmaniw, Masset, BC)

1584 JAPAN NHK1, Aug 29 1337 - A very difficult frequency with many mornings just a jumble of stations, though on some mornings, I was able to hear NHK1, which has no fewer than 26 0.1 kW translators listed! Also marring many mornings was a het from about 1584.04, which may have been T8AA Voice of Palau in Koror. (Salmaniw, Masset, BC)

1593 CHINA Jiangsu CNR1 Changzhou, Oct 31 1319 - 9 level signal on this very good Asian morning, // to 5030 and well over NHK2. Heard on many (most) mornings. Only heard CNR1, even though there are several other CC stations listed. (Guy Atkins did hear Xinjiang PBS last September 07 in Masset). (Salmaniw, Masset, BC)

1593 JAPAN NHK2, Sep 7 1328 - Only two NHK2 transmitters, both at 10 kW listed here, so this would have been either JOTB in Matsue, Shimane pref, or JOQB in Niigata. Heard over the usual Chinese station at 8 level. Heard on a number of mornings, especially near the end of August. (Salmaniw, Masset, BC)

1602 JAPAN NHK2, Sep 7 1330 - A total of 27 NHK2 translators of 0.1 to 1 kW listed in PAL. Heard on many mornings, often at decent levels, although on this morning it was only at a 7.5 to 8. Heard most mornings at between 6 to 8 level, as long as 1600 didn't splatter too much!. (Salmaniw, Masset, BC)

1611 AUSTRALIA Queensland 4DB Country Music Network, Sep 6 0838 - Presumably 4DB with C&W music. 4 -0.4 kW transmitters are listed here with this callsign from Emerald, Goondiwindi, Roma and St. George all of which are in Queensland, and presumably synchronized. Heard at 7 level while 12v dxing at Rose Spit. Heard quite commonly in the second half of August, but never heard anything like an ID, including at 14:00 on 24 August between 13:57 and past 14:00 at 8 level. (Salmaniw, Masset, BC)

1620 AUSTRALIA Queensland 4KZ, Aug 24 1402 - Only a very tentative logging with DU accented announcer. A particularly good DU opening on the 24th, at 7 level. Only had one or two other loggings at anything more than 5 level during my month stay. (Salmaniw, Masset, BC)

1628.96 AUSTRALIA unid, Sep 6 0838 - Should be able to figure this one out. The transmitter was slightly off frequency. There was a 'PC Radio' ad and a phone number of 49877936 given. A solid 8 signal while at Rose Spit. This will either be NTC Radio (listed as 0.4 kW in Armidale, Bathurst and Dubbo all in NSW), or 4DB Country Music Radio in Dalby, Queensland. Didn't think of checking whether 1611 was in // to 1629 or not. May have heard both networks on 1 Sept 08 at 14:07 or so, I could hear 2 cochannel stations, both with music. IBOC mentioned on one other morning. (Salmaniw, Masset, BC)

1638 AUSTRALIA NSW Radio Lebanon, Sep 6 0834 - 3ME is listed as Melbourne, and 2ME in Sydney. Both with 0.4 kW. Presumably them at 8 level, along with an echo, so perhaps both being heard with a slight delay. Heard while at Rose Spit. Initially I wondered whether I was hearing Hindi and later Italian, but nothing like that fits what's listed in PAL. Heard at a good 8 level also in Masset on 1 Sept at 14:10 on a good Australian opening and again on 26 Aug at 1337. (Salmaniw, Masset, BC)

1647.05 AUSTRALIA unid, Sep 6 0909 - 2 stations listed here in Australia. One a Greek station in Melbourne and another NTC Radio in Canberra, both with 0.4 kW. Only heard a couple of times at very weak level. I noted some weak music here at 6 to 7 level. (Salmaniw, Masset, BC)

1656 AUSTRALIA Queensland unid, Brisbane, Aug 19 1344 - This presumably is the new Chinese language station from Brisbane, heard at 7 level with EZL music. Hets heard on several other mornings. (Salmaniw, Masset, BC)

1665.0 AUSTRALIA NSW 2MM, Sep 1 1404 - Heard with Greek music on this very good DU morning. There's a Radio Symban in Canberra and 2MM in Sydney both at 0.4 kW. Are they both Radio Symban? Finally there's another 0.4 kW transmitter in Perth. Also heard on 24 and 26 August. Many of the X-banders are off frequency, but not this one!. (Salmaniw, Masset, BC)

1683.2 AUSTRALIA NSW Radio Club AM Sydney, Sep 1 1410 - Presumed Sydney, as it's listed on this off-frequency in PAL. Greek programming at 7 level. The other synchro transmitter is located in Canberra, both at 0.4 kW. August 26th was another very good DU morning. Heard on a number of mornings, always off-frequency. Measured between 1683.18 and 1683.3. (Salmaniw, Masset, BC)

1701.00 AUSTRALIA NSW unid, Aug 31 1239 - On good mornings, I was able to hear 2 cochannel Australian X-banders. Normally we can hear Radio Brisvaani in Brisbane with 0.1 kW. On some days, though, another cochannel on the exact frequency is heard, which makes it likely either NTC Radio 16 in Silverwater, or Vision FM/Radio Rhema in Sydney, both with 0.4 kW and both in NSW. (There's another in Perth, but I doubt it's that one). Also heard 25 and 26 Aug. (Salmaniw, Masset, BC)

1701.06 AUSTRALIA Queensland Radio 1701 Radio Brisvaani, Brisbane, Sep 7 1330 - 1701 is by far the most commonly heard Australian X-bander, often being the only one heard on average mornings. 7 level on this particular morning with Hindi programming. Heard other mornings up to 8 level. On those mornings, cochannel 1701.00 also heard. (Salmaniw, Masset, BC)

1737 PAPUA NEW GUINEA Southern Highlands KUT, Kutubu, Sep 6 1125 - All of 50 watts, and heard well at Rose Spit. Don't seem to hear this beacon as often as I used to. I did hear a JJ fisherman network a few times around 12:40 on 1738.5, though, and another morning at 13:26. (Salmaniw, Masset, BC)



Crab boat off Rose Spit as the sun went down and before the DX started to roll in! That's Alaska in the distance. It's actually much further away, but appears closer using a 12x zoom on my Sony digital camera.