

Latest DXpedition from Masset, BC 27 Decemember 2018 to 2 January 2019

Well, another DXpedition under the belt to my favourite DX cottage off the north coast of British Columbia, Canada. Conditions for the most part were very good, although I think I just caught the tail end of the superb TA conditions. If only I could have been up in Masset a day or two sooner! Asian conditions were, as always, very nice with excellent openings to Japan, Korea and China. Plus, some interesting Filipinos, especially a new one for me on 1611, a smattering of Australia including armchair 4KZ 531 Innisfail, and Bangladesh was back one morning with 693 until 17:30 sign-off. This time of the year, the DX keeps on coming, with the TPs carrying on until the afternoon hours, locally. The Iranian buzzer on 1575 heard frequently in Victoria was a daily visitor, both in our mornings, and into the afternoons/early evenings, as was 1539 Asianet via the UAE. I've collected many GB of Perseus wav files to enjoy for years to come. There was plenty of time to experiment with antennas. I had a total of 5 to choose from: The best, as always, is my 750' WNW BoG. Then, the 2nd most used was the 500' due north over the Pole Beverage. My permanent ALA 100LN large diameter loop oriented NE/SW is a good reference antenna. I erected a permanent 65' x 35' FLG 100 corner fed loop antenna this time around, and swung the direction to the S overnight, and to the north in the evenings with results perhaps about 75% as good as the Beverage/BoG. Finally, I toyed with a staggered // BoG and a phaser with occasional useful results. Not sure whether it was worth the effort, though! Besides the DX, there was always time for good food (thanks to my wife's family in Masset....fish, deer roast, pies, chili...yum!), and exercise with golf and the polar bear swim on New Year's Day. That's me diving into the water! And, of course the famous Wullenweber array at the Canadian Forces Station in Masset. The latter is still functional, although remotely now via Ottawa, ON. I've been told that the usage has increased owing to the antics of Vladimir Putin!



Now onto the really good stuff! Receivers were 2 Perseus SDRs only, each fed to it's own laptop. Errors, as always, are my own, and I appreciate comments and corrections. Sometimes one gets a little bleary eyed in the early morning or late nights! 73 and the best of 2019 to all, Walt Salmaniw, Victoria.

153 NORWAY Ingoy 100 kW NRK, Jan 1 0057 - Good reception tonight with all western music. Joined by both Icelandic frequencies at good levels (189 and 207), as well as 162 (OC), 198 BBC, 234 Luxembourg and 252 RTE. Into news at 01:00, clearly Norwegian. Probably the best LW propagation I've heard on this trip, but not translating to anything in the MW band. (Salmaniw,Masset, BC)

153 ROMANIA Brasov Bod 200 kW ND Antena Satelor (tent) vs more likely NRK Norway, Dec 29 1431 - Something totally unexpected, but weak audio hear on the over the Pole Beverage. Makes sense as the Grayline for transmitter LSS is over Romania now. Too weak to make out any content, though. Improved and just about readable at 15:00. Will be interesting whether other LW from Europe will be audible as sunset goes across western Europe! Much better on recheck at 15:59 with an English song. No time pips at TOH, but into presumed news, first by a YL, and then OM. Still no other LW audible this morning. Later in our local evening (00:57 UTC 30 Dec), reception again at fair to good level. ***Now I'm confused. This might in fact be NRK according to MW List with 100 kW in Ingoy. I had thought they had left the air on LW and MW long ago??? So could very well be Norway and not Romania?? Grayline passed through Norway at the same time. Have to admit, the intonation sounds more Norwegian than Romanian. At same time (01:00 UTC 30 Dec), besides 189, I'm also hearing 252 weakly (sounding more English than Arabic), but no one else from Europe on LW. (Salmaniw,Masset, BC)

189 ICELAND Gufuskalar 300 kW Rikisutvarpid Ras, Dec 29 0548 - Compared to last night, tonight is practically a write-off, except for Iceland. Yesterday, the LW band was extremely noisy, but with the steady drizzle today, the presumed salt spray build up on the power lines have washed away, leaving Iceland to be heard at good level. // rarely heard 207 also quite strong (but in the middle of beacons). Going out for dinner, I left the recorder going and a very interesting thing happened. The signal died away, but at 04:37, it suddenly increased in strength to near armchair level. Next day at 00:55 30 Dec 2018, again very nice reception on the North Beverage (with added 5 ground radials for what they're worth!). (Salmaniw,Masset, BC)

207 ICELAND Gufuskalar 100 kW Rikisutvarpid Ras, Dec 29 0551 - Rarely heard, indeed, and almost as strong as 198. Surrounded, though, by strong beacons make this one a challenge. (Salmaniw,Masset, BC)

531 ALGERIA F'Kirina 600/300 kW Jil FM, Dec 28 0137 - Often outstanding reception with Arabic music. 549 is a difficult channel here to check for //. Lower frequencies have a bit of power line noise here in Masset. (Salmaniw,Masset, BC)

531 AUSTRALIA Dalwallinu W Australia 10 kW 6DL ABC Midwest & Wheatbelt (tent), Dec 30 1500 - While listening to this channel before the TOH, I could hear some English being spoken under the dominant NHK 1 program. At 15:00, there was the ABC Fanfare, so does this mean that it must be 6DL? Occasionally rises over NHK briefly. (Salmaniw,Masset, BC)

531 AUSTRALIA Innisfail, Queensland 5 kW 4KZ, Dec 30 1558 - Commercial ads now in English, and no sign of NHK1. Ads for tackle and bait, and motorcycles and more. No ABC fanfare at TOH this hour, so

not ABC. Time pips likely NHK 1's. Very good level by 16:03 with news by YL. 'Live on the internet, 4KZ.AU' at 16:03:30. Perfect! I had thought of checking // 5055 and a minute ago, I did so, and though weak on the SW frequency, still same female voice. Marine weather after 16:04. TC for '5 after 3'. (Salmaniw,Masset, BC)

531 UNID unid, Jan 2 1434 - Who's the EZL music station heard cochannel to JOQG Morioka, the dominant channel here? Confirmed not 4KZ, and style doesn't match Avtoradio Sakhalin (if they're still on the air). NHK sometimes fades down to reveal others cochannel. I happened to tune back just after 16:02 and there was a national anthem in progress. Possibly a Filipino? Will need to go back and go over the Perseus wav file. (Salmaniw,Masset, BC)

540 JAPAN Yamagata 5 kW + others NHK 1, Dec 31 1751 - It's all NHK 1 all the time, on every channel! Japanese opera like singing, heard on 531, 540, 549, 567, 576, 585, 594, 603 (under Korea), and 612, and that's just on the lower channels! On 540, there are 6 transmitters, so it could be any of them, with 1 or 5 kW. A shame NHK 1 doesn't ID as conveniently as the NHK 2 network. (Salmaniw,Masset, BC)

567 JAPAN Sapporo, Hokkaido 100 kW JOIK, Dec 28 1712 - Huge signal totally in the clear with blues music. Cochannels weakly audible as well. Clearly a nice post LSR enhancement to Japan. Just when I was planning on heading back for breakfast! // to other NHK1 outlets, such as 594. and others in the vicinity, but none as strong as Sapporo!. (Salmaniw,Masset, BC)

594 JAPAN Tokyo NHK1 300 kW JOAK, Dec 29 1401 - For second day, besides the ever dominant JOAK, there's a cochannel. At this time, they're playing Elvis Presley's 'Heartbreak Hotel'. This is different from the usual up here. I assumed this was the Filipino, DZBB. We'll see (and I see PAL lists off on Sundays from 16:00 which will be useful). (Salmaniw,Masset, BC)

594 PHILLIPINES Super Radyo Quezon City 20 kW DZBB (tent), Dec 28 1733 - Predominantly JOAK Tokyo with an American Jazz program, but every once in a while, another station fades up and dominates to good level. Quite certain it's DZBB, as it fits the Super Radyo format. Not in English, but presumed Tagalog. Would be nice if it was one of the other exotics on channel like Burma or Jakarta!. (Salmaniw,Masset, BC)

675 VIETNAM My Van 700 kW Dai Tieng noi Viet Nam (VOV 1), Dec 28 1452 - Armchair copy at times in the lovely sing song Vietnamese language. Did fade down significantly before returning. Tells me there are interesting things happening in the ionosphere. Of course they faded down before the TOH, only to return strongly at 15:01. Gone are the days of strident, North Korean like presentation!. (Salmaniw,Masset, BC)

684 JAPAN Nagasaki 5 kW JOAG and others, Jan 1 1731 - I'm hoping to find India on this frequency (has been heard in past), and there were tantalizing traces of Indian sounding music. Nonetheless, the NHK 1 network is playing classical music this morning which is easy to follow. Just before 17:30, I quickly checked and noted the same program on 531, 540, 549, 567, 576, 585, 594, 603, 612, 621, 648, 666,

675, 684, 729, 756, 819, 837, 846, 891, 945, 963 and, then I ran out of steam!!! On 684, though, the dominant is IBC with the main transmitter being JODF in Morioka with 5 kW, and 3 other translators of 0.1 and 1 kW. Way over the NHK 1 sender. (Salmaniw,Masset, BC)

693 BANGLADESH Dhaka 1000 kW Bangladesh Betar, Jan 1 1644 - Very good reception in Bangla with many mentions of Bangladesh. It's been a while since hearing this one, and I'm most pleased! Best heard on the north Beverage. Did fade down some. But returned a number of times at good level! Checked in just before 17:30, and indeed, they seemed to go off without any announcements. Just some music. (Salmaniw,Masset, BC)

693 UNID Unid, Jan 1 1459 - Another interesting channel once JOAB signs off from Tokyo with 500 kW leaving an OC. Once again a mish mash of signals. Up to the TOH, EZL music sounded religious in nature. Perhaps a Filipino, but of course, the TOH fanfare splatter from 690 destroys any chance for an ID. Many signals measured on the zoom function: 692.987 (very weak), 692.998, 693.000 (likely JOAB), 693.002, 693.003, and 693.004. (Salmaniw,Masset, BC)

702 NORTH KOREA Chongjin 50 kW KCBS, Dec 31 1734 - Huge buzzy OC, with Australia 2BL ABC Sydney clearly heard underneath. 100 Hz tones visible above and below (9 are visible on the waterfall). Also a het on 703.0. (Salmaniw,Masset, BC)

747 JAPAN Sapporo, Hokkaido 500 kW JOIB, Jan 2 0511 - Pretty rare to report audio at this early hour, as Sapporo is still almost 2 hours from LSS. English lesson at fair to good level, mostly problematic due to very loud 750 splatter (KFQD Anchorage with S9 + 50 signal....ouch!!!!. No way to phaser them out!). Instead, easier to tune to 702 JOKD which is much as strong (despite 10 kW) and more in the clear. Kitami is at the northern end of Hokkaido, so closest to LSS. Rechecked 702 at 05:46, very strong with now Spanish language lesson. S9+25!. (Salmaniw,Masset, BC)

774 CHINA Wuhan 200 kW Hubei RGD (tent), Jan 1 1445 - Another morning that NHK 2 network signed off at 14:40. Of course JOUB from Akita with 500 kW dominates totally, then leaves the OC on. There are numerous stations on the waterfall, all about equal strength, so a mish mash of speakers. I measure 6 frequencies: 773.977 (very weak), .996, 774.000 (presumably Akita), .007, .026, and very weakly .051. Akin to listening to 1610 TIS frequency. A lot of speakers all at once without anyone being strong enough to dominate. Chinese music is heard at 14:54, so one of their transmitters, perhaps Hubei RGD (200 kW listed on one sender from them). No hint of DU activity yet. Music improved towards the TOH. (Salmaniw,Masset, BC)

774 JAPAN Akita 500 kW JOUB, Dec 31 1440 - I was happily listening to their English lesson, when they suddenly pulled the plug and went into their sign off routine (after JOUB ID). Normally at the end of their language lessons, they say, 'Goodbye', etc. Very good. (Salmaniw,Masset, BC)

803.66 NORTH KOREA Hwadae 500 kW Pyongyang Bangsong, Dec 28 1749 - Buzzy, highly variable carrier with Korean vocals, typical of North Korea. Constantly drifting several hundred Hz. Seems // to 3320.

Down to 803.3 at 17:52 and heading back up. Nominal 801 has someone there, but under a strong, seemingly unmodulated carrier with a bit of a buzz, too. Same Pyongyang transmitter?.
(Salmaniw,Masset, BC)

803.81 NORTH KOREA Hwadae 500 kW Pyongyang Bangsong, Dec 31 1739 - Buzzy, drifting, almost FM like signal continues here today with typical North Korean strident vocals. Drifted up to 804.31 by 17:45. // 3320. (Salmaniw,Masset, BC)

810 CHINA Hangzhou 200 kW Zhejiang RGD, Dec 31 1800 - A presumed logging, with what sounds like a TV feed. PAL lists many transmitters with Hangzhou strongest, but with others between 1 and 10 kW. No echos heard, though. South Korean jammer comes up every once in a while. Mostly very good reception. Was looking for AFN, but no joy. (Salmaniw,Masset, BC)

828 JAPAN Osaka 300 kW JOBB, Dec 30 1531 - One never knows for sure when the NHK2 network signs off. Since arriving several days ago, it seems they signed off at 14:40, but today when tuned in at 15:31, they were already into their xylophone portion of the sign off, so presumably 15:30 today. Very good reception. (Salmaniw,Masset, BC)

840 CANADA Camrose AB 50/40 kW CFCW, Dec 31 2352 - C&W music, of course mixing with several other cochannels. The strongest is the Albertan. (Salmaniw,Masset, BC)

850 ALASKA Nome 50 kW KICY, Dec 31 0440 - Good reception with detailed weather report. I log this one since conditions are more southerly tonight. I have a number of antennas to choose from individually: ALA 100 LN to NE/SW, North Beverage, NW BoG and a second shorter BoG parallel to the first, unterminated about 2 to 3' from the main BoG, and S/SW directed corner fed to FLG 100LN loop. None of these on their own could hear KICY, but phasing the 2 BoGs, I'm able to hear clear copy. Nice!. (Salmaniw,Masset, BC)

1116 AUSTRALIA Brisbane 17/6.3 kW 4BC, Dec 28 1625 - Nice ID at 16:26, and best heard on the ALA 100 aimed SW/NE. Good reception, but not super strong. (Salmaniw,Masset, BC)

1170 ALASKA North Pole 50 kW KJNP, Dec 28 1437 - Drawn to the American National Anthem followed by full legal ID including translators throughout Alaska (starting with Barrow) at good level, with only slight otherwise domestic cochannel, and no sign of Korea, which is the usual dominant. (Salmaniw,Masset, BC)

1188 JAPAN Kitami Hokkaido 10 kW JOKP, Jan 1 0547 - Despite there being over an hour to LSS at transmitter site, we were already hearing NHK 1 Kitami at pretty decent levels. Precious little activity to the south tonight, it seems. Another Hokkaido station on 1287 HOHR in Sapporo also in, as is JOIB Sapporo on 747. Nothing very strong tonight, however. Interesting, I didn't think that Christmas Is was

even on tonight on 846, but using the phaser, I was able to see the waterfall, phasing the 2 // staggered BoGs. (Salmaniw,Masset, BC)

1260 CANADA Edmonton 50 kW CFRN, Dec 31 2110 - Driving into town (about a 10 minute drive), of course I checked the AM band on the Nissan Frontier truck radio. The upper band especially was alive with signals every 10 kHz, but alas no hets indicating TA signals. One of the strongest was from Edmonton, a good distance away, but about a similar latitude in Alberta. ID for TSN. Excellent, of course. (Salmaniw,Masset, BC)

1305.093 IRAN Bushehr 50 kW IRIB Radio Bushehr, Dec 28 0237 - Clearly off channel, with Middle Eastern chants, dominating the channel. Het from on-channel station(s), likely Spain, although here, I also see 2 channels, on 1305.003 (stronger) and 1304.998 (now about equal). Overall is an unpleasant hum. Weak modulation all around. (Salmaniw,Masset, BC)

1440 MULTIPLE Unid, Jan 1 1514 - 1440 is another challenging frequency. I'd love to hear one of the two AFN Korea stations on this frequency, but it's an uphill battle. Besides domestics, JOWF is the ever dominant force with 50 kW from Sapporo. Mauno Ritola on FB kindly provided the information for the AFN stations, as there's been some changes. Camp Humphreys in Pyongtaek with 5 kW is measured on 1440.012. No one like that here today, while Camp Carroll in Waeguan is also 5 kW on 1439.989 which I DO see this morning. Here are the readouts on the waterfall: 1439.989 (quite strong), .991, .993 (strong), .996 (strong), .997 (strong), .998, 1440.000 (strongest, so maybe STV), and 1440.008. One day, perhaps, AFN will sneak through! An internet feed (if I had internet) would be very helpful!. (Salmaniw,Masset, BC)

1440 SAUDI ARABIA Ras al-Khair 1600 kW SBC Radio Riyadh (tent), Dec 31 1621 - I'm thinking this is the Saudi on this busy channel. Music sure would match. Was over the Japanese and domestics for a while, but never any voice, so tentative only. (Salmaniw,Masset, BC)

1467.385 IRAN Qom 100 kW IRIB Radio Qom, Dec 31 1616 - To prove that Asian signals are possible in our mornings, I'm getting a good het on this off channel, which is highly likely to be Iran. Another station on fundamental, but not that strong. Het is heard only on the north Beverage. Also the on-channel frequency also best heard on the north Beverage. ? Saudi. (Salmaniw,Masset, BC)

1485 UNID unid, Jan 2 0047 - One of the few frequencies with some audio tonight. 1485 is pretty much a graveyard channel. Nothing very powerful. Certainly from Europe/Africa/Central Asia at this time, but who. Had an Arabic hint to the music, but too weak to be sure, yet. I suspect it may be present on other nights monitored, so a frequency to watch for sure, as most powers are all 10 kW or less. (Salmaniw,Masset, BC)

1485 UNKNOWN Unid, Dec 31 0012 - Wonder who's here playing an English language ballad. Only low powered stations listed in MWList. Strongest is 10 kW (Spain, Egypt, Ethiopia, and Iran). I'm guessing most likely Spain. So far, Iran on 1575 is by far the loudest. (Salmaniw,Masset, BC)

1494 TAIWAN Taizhong and Wanhua 10 kW BEE32 Educational Broadcasting System, Jan 1 1624 - Unid is solved! Everything falls into place now. I'm hearing French at good level over Japan. ?French....that's most unusual. Digging into PAL further, it's now obviously BEE32, which lists 2 transmitters (hence the echo) with BBCWS from 15 to 16 (what I heard earlier), and now RFI in French from 16 to 17. Solved!. (Salmaniw,Masset, BC)

1494 UNID unid, Jan 1 1537 - An English speaker here! Up to a minute ago, the RSK network dominates (JOYR Okayama has 10 kW, and JOTL HBC from Nayoro Hokkaido has 1 kW plus relays), but then a slightly DU accented YL began to dominate in English, before the JJ speakers returned. There is the Kiwi station in Hamilton with 3 kW (Star) which would match their tone, and another in Timaru (Radio Sport) at 2.5 kW, and 2AY Albury NSW with 2 kW. Even V6AI in Colonia Yap FSM, with 10 kW would not be excluded. Then there are the Filipinos. Doesn't sound like a Filipino, though. What troubles me is the presence of occasional echoing. Why from the English speaker? At 15:45, they faded up again, and sounds like talk about suicide. Possibly heard BBC WS ID at TOH. I'm leaning towards NZ on this one, but a real challenge. ***Solved!**** See next 1494 entry!. (Salmaniw,Masset, BC)

1539 UAE Al-Dhabbaya 600 kW Asianet Radio, Jan 1 1607 - Clearly them at good level with Indian type music, but faded down to a jumble, likely China (not CNR 1). (Salmaniw,Masset, BC)

1539 UAE Al-Dhabbaya 600 kW Asianet Radio, Dec 28 0132 - Very powerful signal, easily overpowering domestics on 1540. Indian sounding music. Heard very well hours ago, too, today, in the middle of our afternoon. S9 + 10 signal. (Salmaniw,Masset, BC)

1539 UAE Al-Dhabbaya 600 kW Asia Net, Dec 30 2356 - Presumed audio from them, at least briefly. At this time, also seeing activity on 1593, 1566, 1557, 1539, 1503 (Koran recitation it sounds like at 23:59, so presumably Egypt). 1485, 1467.43 (presumably IRIB), and 1467, 1458, 1422, 1413 (good audio, Radio Vesti), 1341, 1278, 1269, surprisingly 1215 only a weak carrier so far, 1161, 1098, and 531. Also and LW are 198, and esp 189 with good audio, and 153. Interesting that the opening is mostly upper half of the band so far. Earlier 531 was coming in with pretty decent audio. (Salmaniw,Masset, BC)

1539 UAE Al-Dhabbaya 600 kW Asianet Radio, Dec 31 1610 - Good reception, especially on the North Beverage. Switched here when I noted the loud Iranian buzzer again on 1575. Very good at 16:29 recheck with Indian type music. Totally dominating the channel and it's still 45 min or so until my LSR. (Salmaniw,Masset, BC)

1548 AUSTRALIA Emerald, Queensland 50 kW 4QD ABC Central Queensland, Dec 28 1725 - The post dawn enhancement continues with a general enhancement to China, Korea, and now strong to 4QD, Australia, but only briefly, as they faded down soon after, but came back again a minute later. An interesting ionosphere today, indeed!. (Salmaniw,Masset, BC)

1548 KUWAIT Al-Kuwayt/Umm al-Rimam 300/600 kW Radio Sawa, Dec 31 2003 - Almost certainly them. A difficult channel 24/7 due to a lower mainland very powerful 1550 transmitter, so always a lot of splatter to contend with, but style fits Sawa. Fair during fade ups. (Salmaniw,Masset, BC)

1557 TAIWAN Kouhu 300 kW directional Music Interactive Network, Jan 1 1612 - I've been watching 1557 because of a rumbly noise in the background, and wide tracing on the waterfall. Multiple equally spaced lines are visible on both sides of 1557. Presumably Taiwan with good level of Chinese speaking. Pretty sure I heard 'Taiwan' at 16:15 and into fanfare and something 'official' sounding. Does not sound at all like a music channel. Clearly a sick transmitter (more like a North Korean!), with buzzy audio with music when rechecked at 17:38. Strong signal, otherwise. (Salmaniw,Masset, BC)

1575 IRAN Abadan 800 kW Iranian jammer, Dec 28 1629 - Easily heard, best on the North Beverage, as one would expect. Cochannel to VOA Thailand. Interesting that I don't hear AFN today, as usually is the case when the jammer can be heard. Strong at times. I take that back. No AFN on the North Beverage, but there equal to VOA on the NW BoG (and the jammer barely heard). (Salmaniw,Masset, BC)

1575 IRAN Abadan 800 kW Iranian jammer, Dec 30 2351 - Nothing like my first afternoon and evening here, yet, there are some signs of life for TA activity. A number of stations are being received including the loud Iranian buzzer jammer. Let's see whether anything will come to pass! Fingers crossed. I just erected a North directed corner fed loop (with FLG 100) and it's performing as well as my 500' Beverage. I can switch it around quite easily to make a southerly loop for tomorrow morning, if conditions permit. (Salmaniw,Masset, BC)

1575 IRAN Abadan 800 kW Super loud buzz, Dec 28 0221 - Have been hearing the buzzer all afternoon, and it continues unabated, but at 02:23, presumed Radio Farda came to dominate for a few seconds with 'Smooth Operator'. S9 + 10 signal. (Salmaniw,Masset, BC)

1575 JAPAN AFN Misawa, Iwakuni and Sasebo AFN, Dec 30 1707 - 3 transmitters here, and I have heard all 3 with sometimes different programs. Today, I'm only hearing one feed spread out between 1574.999 to 1575.002, and another weaker channel on 1574.993, and possibly another weaker 'smudge' on 1574.998. Good reception of the mostly music program after Fox sports. S9+ 15 signal shows what's available here in Masset! As for the Iranian jammer, no sign of them now. ID at 17:11 as, 'If you want oldies, see your grandma. Serving America's best, The Eagle'. PSA at 17:14:30 (pick up after your pet). Local ad for a pick up service after a night of drinking. Should be able to track down which transmitter, here, although it's normally Misawa. (Salmaniw,Masset, BC)

1575 JAPAN AFN network AFN, Dec 30 1542 - AFN is coming in well at this time with American pop music. Also very strong is the Iranian Jammer, especially so with my over the Pole Beverage. I taped the next 2 hours, and have listened to them later in the day. At 18:26, the signal improved to very good level, just in time for a perfect local ID, with the Misawa Radio Report. Mentioned building 106, then into Air Force Radio news, and back to Eagle music programming.. (Salmaniw,Masset, BC)

1575 UAE Al-Dhabbaya 800 kW Radio Farda, Jan 2 0033 - Ever present jammer nice and loud tonight, but so is the audible programming from Radio Farda. Not much else at this time besides weak audio on 1215. One question about 1575: Just before heading out for some golf this afternoon, I quickly tuned 1575, and there they were in English! No time to check for details, but this should have been long past AFN fading out (and it wasn't their style at all). Does Farda have any English, including lessons? I did start the Perseus recorder, so can go back to check! Not sure whether anything will develop tonight. As so often is the case, the late afternoon looks promising, only to fizzle later. Certainly LW is poor tonight compared to last night. Notice that 1539 is at good level at 00:38 with typical Asianet programming, too. Had the chance to trial a 30 to 35' height x 45 foot horizontal corner fed to FLG 100 loop aimed virtually N/S and reversible. In general, the loop performed well. I'd say about 75% as good as the 500' Beverage. For space limitations, it's a winner. I will likely leave that one up, as it's close to the shack and simple to maintain. I also have a DKAZ here, but not erected this time, so cannot compare it with the loop. The loop is much better than a simple ALA 100, although the latter is a lovely all round antenna for LW to SW. Not so much for heavy duty DXing. I even experimented with ground loops according to directions provided by Nick Hall-Patch (from a ham publication). I used a square 30' a side (double the size of the article). While better than nothing, it was the weakest of all of my antennas. It most definitely needed the FLG 100 for a boost. Deaf otherwise. I don't think I'll bother with it in the future. Bottom line, the Beverage/BoG still wins hands-down on Haida Gwaii!. (Salmaniw,Masset, BC)

1590 USA Netarts OR 5 kW KTIL, Dec 31 2337 - Amazing that way up north, driving in my truck to town, I pick up 1520 from the Oregon coast at armchair level! Don't think I ever hear them in Victoria. Oldies format. Of course no issue at the shack here, although there are others here as well, depending on the antenna choice. (Salmaniw,Masset, BC)

1611 AUSTRALIA Vision Radio Network (tent) NOT, Dec 28 1422 - Very nice reception this morning and in fact, likely the best I've ever heard them. Super 8 Grocery ad at 14:26. Several others in succession. 'World Class Quality'. Numerous carriers noted, so it's difficult to be sure who this one belongs to: 1610.940, .984, .996, 1611.000, .011, .015 and .023. The on-channel station sounds best. Most likely Vision Radio Network, as there's a Christian song at 14:31. Several sites are listed: Sydney, Tarnworth, Melbourne, Margaret River, Grafton, Chiltern, and Adelaide. All with 400 watts. Deep fades at times, only to come back to good level (pretty common in the X-band). Rechecking at 15:44, they're not in English anymore. Unid language, so now I'm not so sure who this is. Did hear 'Jerusalem', so likely a religious program. Rete Italia/Niche Radio does list other languages, so perhaps them? See Philippines below!. (Salmaniw,Masset, BC)

1611 PHILIPPINES Naga City 1 kW DWNX Radyo Mo Nationwide, RMN, Dec 28 1543 - Almost certainly them, after all, as they ID'd. 'Nationwide' clearly heard. Sounds like sign-off announcements at 15:50. Phone numbers given. 'Ladies and Gentlemen, the Phillipines National Anthem' at 15:51:30, so I suspect that it was them all along! A new one for my logbook! Very nice reception on 31 Dec as well, with 'Radio Mo' jingle at 15:43. 15:58, 'Happy New Year', and then into a new year song. Often a very good level, but when fades a bit, a lot of 1620 splatter. Lots of mentions of RMN (the network = Radyo Mo Nationwide). (Salmaniw,Masset, BC)

1611 PHILIPPINES Naga City 1 kW DWNX, Dec 31 1704 - Excellent reception with almost armchair copy with continuous music. Presumably on late for New Year's. A bit of splatter from 1620 only. Sounds a lot like the Dutch hobby pirates, with similar music, and few IDs! Caught them just as they were signing off before 17:22. With a prayer, 'help us to live in peace with one another as brothers', then suddenly off. Rechecking at 19:51, and they (presumably them) back on the air at fair +(at times) level. Same 1620 splatter as always. PAL lists them from 20:00 to 15:00, so either holiday hours or outdated information. (Salmaniw,Masset, BC)

1656 AUSTRALIA unid, Dec 28 1730 - Pretty decent audio at times, but not fitting with Hindi (Radio Rhythm, Melbourne), nor Voice of the Australian Chinese (Brisbane and Sydney). ? 2ME, but they're in Arabic, with an emphasis on Hit songs, so who knows. Latter listed in Perth, though. (Salmaniw,Masset, BC)

1663.5 JAPAN Tahara, Aichi prefecture Isewan Martis, Dec 28 1649 - Not often (ever?) reported, but fair reception of this maritime station. Shared with Nagoya, Osaka, and Tokyo, but matches this time. Some noise from 1665. In Japanese. Heard better notching 1665 and opening up the bandwidth a tad. (Salmaniw,Masset, BC)

1860 USA Wentzville, Missouri WA0RCR, Dec 30 0405 - Good reception with Gateway 160 meter program. ID'd and into a repeat of a net from Dec 19th (I think). WOR is scheduled tomorrow night. WOR heard at another time, though: 05:17 in mid report at good level UT Sunday. Nice to hear Glenn actually on the radio, instead of just downloading his program!. (Salmaniw,Masset, BC)

3325 INDONESIA Palangkaraya, Kalimantan 10 kW/ND Voice of Indonesia, Dec 30 1400 - Non-descript music until 14:02 with Voice of Indonesia heard and continued in Indonesian at excellent level into presumed news (with music in background). (Salmaniw,Masset, BC)

3915 SINGAPORE Kranji 250 kW or 100 kW BBCWS, Dec 29 2212 - Fair to good reception in English, but with very broadbanded OTH radar (?Chinese). Some sources state 100 kW at 160 deg, while others have 250 kW at 0 degrees. Take your pick. Also occ ham here. 40 watts, then up to 95 or 100 watts. KL7AA. The other guy is running 1200 watts into a ground loop. He notes the pulsing noises as well (now gone). // weaker 5845 also from Kranji. (Salmaniw,Masset, BC)

4010.223 KYRGYZSTAN Bishkek 100 kW/ND Kyrgyz Radio 1 (Birinchi Radio), Jan 1 0118 - Aoki reports them in English at this time. Wouldn't that be nice, but perhaps New Year's Day is not the best time to check that. Only non-stop vocals heard, though. Strong enough S5 signal, in the clear, but the audio (speech) was a little low and muffled. Can't tell the language. Thought for a minute they were reading numbers (like an address), but wishful thinking. Not in English, nor Russian. I can only assume it's Kyrgyz. They mentioned 'Radyo' at 01:29 (OM), then a female announcer. Again, the same 'Radyo' at the BOH. Listening at 01:35, sure sounds German to me. I see that German is listed for them at other times (like 14:10 to 14:20), so possible. Seemed to follow a speech (boring...remember Soviet times?)

On and on, presumably in Kyrgyz). Rapidly went downhill, unfortunately, despite transmitter LSR isn't until about 02:30. (Salmaniw,Masset, BC)

4010.226 KYRGYZSTAN Bishkek 100 kW/ND Kyrgyz Radio 1 (Birinchi Radio), Dec 31 0225 - Good reception in presumed Kyrgyz. Right on the grayline within a couple of minutes. Unfortunately, will unlikely hold up when they're scheduled in English, Russian, and even Ukrainian. Wow, even within a few minutes the signal deteriorated from very nice reception to only poor/fair (by 02:30). Unuseable afterwards. (Salmaniw,Masset, BC)

4015 NORTH AMERICAN PIRATE WDBR Radio, Jan 1 0208 - Good reception with piano music. Much stronger than 4063U, on at the same time. Yes, an SSTV image at 02:10! Looks like the main character from My Favorite Martian! Recognize the antenna (lol)! The caption looks like Basdar 3000 Radio, but I stand to be corrected! ID sounds like WDBR radio at 02:17. Numerous SSTV images subsequently including Andrew Yoder Radio, Redhat Radio (twice), Tree House SWI Radio, a whale image with caption missed, Dr Strangelove Radio, Dickweek Radio, DXCAN Radio (and a shout out to Alberta listener), and most recently Tuco Radio around 05:36. Obviously the last pirate standing. Still going at 06:17 (and I'm fading!). Last SSTV was for Ranco Radio. Might have to pull the plug on this one! One more SSTV image of a helicopter at 06:36. Can't quite make out the caption, although maybe just, 'Helicopter Radio'. Getting progressively very weak. Thank goodness for my very low noise floor. No joy earlier in the evening from my friend, Colin Newell in a suburban environment in Victoria. Looks like he finally left the air at 06:50 as I no longer hear anything. Thanks for the long pirate radio evening!!! (Salmaniw,Masset, BC)

4055 GUATEMALA Chiquimula 1 kW/ND Radio Verdad, Dec 29 0557 - Clearly, propagation is favouring a southerly path tonight, as last night, Verdad was only weakly heard, while tonight, at sign-off it's very strong. Choral NA . Open carrier remains on several minutes after sign-off. (Salmaniw,Masset, BC)

4063 NORTH AMERICAN PIRATE Pirate, Jan 1 0159 - I suppose the pirate community has given up on below 41 meters with the low MUF, so more activity down here. Just noted another music pirate on 4063 with classic soul music vocals. Piano fanfare at 02:01 (apparently just the next song). Generally pretty weak. Listened to the mp3 and no IDs heard until past 02:20. Will need to check HF Underground. (Salmaniw,Masset, BC)

4080 NORTH AMERICAN PIRATE Yet another pirate!, Jan 1 0226 - This is the place to be tonight. Yet another pirate came on at 4080 just now. Not as strong as 4015, but not too shabby, either. (Salmaniw,Masset, BC)

4080.179 UNID Pirate, Jan 1 0113 - Not sure whether a Europirate or a North American. Fair reception with C&W song. I noted the transmitter to be intermittent, but once the song started, it stayed on alright. OOps, spoke to soon, as at 01:15:00 it was off for a second or so, before resuming another song. SNR seems best on the North Beverage, but weak all around. Gone on recheck at 01:34 (I did tape it, so

I'll have a listen). Seems to have left the air at 01:31 without any obvious IDs, although something was said at 01:18:35. (Salmaniw,Masset, BC)

4905 TIBET Lhasa 50 kW/ND PBS Xizang, Dec 30 1630 - Good reception today with Holy Tibet program in English. Same intermittent digital signal 1 kHz above, and CW 1 kHz below. //4920 slightly weaker, with AIR also there in background. Other listed frequencies are 6025 (poor/fair and ruined by CNR's own DRM on 6030, so have to use LSB), 6110 and 6130 not heard, 6200 fair/good level, 7255 (poor), and 7385 poor/fair with splatter from much stronger RNZI on 7390. Mostly music program today. CW decodes as QW2E (or QW2A) DE G5VD whoever that might be. (Salmaniw,Masset, BC)

4905 TIBET PBS Xizang Lhasa 50 kW/ND Holy Tibet, Dec 28 1607 - Decent reception, but with the usual very difficult to follow heavily accented intonation. Also a CW intruder 1 kHz low, and intermittent data bursts 1 kHz above marris reception. // 4920 is cochannel AIR (both about equal). The CW IDs as G5VD, 'DE G5VD G5VD V QW2A QW2A DE G5VD...' Who's that, I wonder? Very strong CW, in any case. (Salmaniw,Masset, BC)

4920 INDIA Chennai 50 kW/ND AIR Chennai, Jan 1 0014 - The unmistakable sound of the AIR IS audible under cochannel PBS Xizang in Tibet. Signal is strong enough, but modulation low. (Salmaniw,Masset, BC)

4920 TIBET Lhasa 50 kW/ND PBS Xizang, Dec 29 2208 - Amazingly good reception // 4905 in Tibetan. All this at 2:00 PM local. One can easily DX here 24 hours/day. Nice Tibetan music. (Salmaniw,Masset, BC)

4930 BOTSWANA Moepeng Hill 100 kW/20 deg VOA, Dec 28 1819 - Strong reception, but with very heavily accented English making it a difficult copy. Some static crashes. Day 8 of a doctors strike apparently. Government threatening to fire all of them. Courts have ruled the strike as anti-constitutional. Not sure which African country they are referring to. (Salmaniw,Masset, BC)

4949.741 ANGOLA Mulenvos 25 kW/ND Radio Nacional Angola, Jan 1 0019 - It's rare to hear any audio, but tonight I can, weakly, but there in Portuguese. No Indian (yet). I see they're scheduled for 00:30 sign on. (Salmaniw,Masset, BC)

4950 INDIA Srinagar, Kashmir 50 kW ND AIR Srinagar, Dec 31 0210 - Good to very good signal in an unknown language (later determined to be likely Kashmiri). Non-stop talk, then off suddenly at 02:15. Matches this station. (Salmaniw,Masset, BC)

4965 ZAMBIA Lusaka 100 kW/ND Voice of Hope, Dec 28 1616 - Good reception regarding the Voice of Hope transmitter in Israel. The only Christian broadcaster in the Middle East broadcasting in Arabic (they say) and asking for donations. Any amount and any denomination. Very nice signal into Masset. (Salmaniw,Masset, BC)

5055 AUSTRALIA Innisfail North Queensland 1.5 kW ND Radio 4KZ, Dec 28 1358 - Fair reception with what clearly sounds like a relay. A lot of static crashes this morning. Into Australian accented news at 14:00. Still going at 14:15. Power appears much improved from previous sessions here. The next night, I recorded the frequency overnight from 06:00 to almost 14:00. I note that LSS at Innisfail is about 08:53, but I was already hearing audio about 07:49, over an hour before LSS! Signal was good by 08:10 (with Heh, Jude). 6:00 time check at 08:00 UTC. Marine forecast at 8:06 and ID with AM, FM, and SW 4055 announced. Good at this point already. By 09:00 more static crashes noted. 'National news on 4KZ' at 09:00:30. Weather at 09:06 again, and same ID at 09:07. Signal seemed to improve again towards 09:30 before fading off before 10:00. Signal continued, though at fair to good level right through 13:56 tune out. (Salmaniw,Masset, BC)

5130.518 USA Monticello ME 50 kW/245 deg Uncle Bill's Rockless New Year's Eve Special, Jan 1 0002 - Well, here's the North American edition from Uncle Bill's Melting Pot. Gypsy type music just now (from Bulgaria, I think he said). It's still 30 min until LSS, so propagation should improve over the course of the hour, although I never receive WBCQ very well on the west coast. Note I don't really have any antennas pointed that far east, either. Note how far off frequency they are! Must be a bit drift, as at 00:32 they measured on 5130.481. Scotland the Brave at 00:43. Initially the N Beverage worked best, but now as LSS is here, the NW BoG is giving more signal strength, so switched. Frequency is now 5130.475. Much better now at 00:55. I recognize this as the same program from this morning via Bulgaria. Frequency now 5130.469. Good level. Into a program sponsored by guns and ammunition, a family owned business. Maine Military.com Food, water, gold and silver aren't enough! For all your surplus needs!. (Salmaniw,Masset, BC)

5850 USA Okeechobee, FL 100 kW/315 deg VORW, Dec 28 0109 - Excellent S9 + 15 reception with Beatles music, then shout outs to various listeners. // 7780 is at good level, while scheduled 9395 not heard at all. Pleasant listening. Including a listener on Vancouver Island. Close! Most listeners are via Sound Cloud. (Salmaniw,Masset, BC)

5857.5 SOUTH KOREA HLL Seoul-Gangseo 3 kW/ND Seoul Meteorologic Radio, Dec 28 1639 - Strong reception with English weather broadcasts. A strange modulation, as can be heard distorted in all modes, AM, SSB and FM. Must be missing something. Changed language at 16:42:35. (Salmaniw,Masset, BC)

5857.5 SOUTH KOREA Seoul 3 kW HLL Seoul Meteorologic Radio, Jan 1 1428 - Good reception of English marine weather forecast not in accordance to EiBi which lists Japanese and then Korean. A bit distorted due to transmission mode. Switched over to oriental language just before 14:35. Use USB to avoid OTH radar which extends just up to this frequency. (Salmaniw,Masset, BC)

5930 ROMANIA Tiganesti 100 kW/30 deg Radio Romania International, Dec 31 1959 - IS, then into Ukrainian program, announcing daily program to Ukraine at 18, 20, and 22 hours Ukrainian time. Almost good reception with over the Pole Beverage. Some ute interference 1 kHz low. (Salmaniw,Masset, BC)

5955 ROMANIA Tiganesti 100 kW/210 deg Radio Romania International, Dec 31 1932 - Fair level in listed Macedonian. Not in DRM which some sources claim. Heard only on the over the Pole Beverage antenna. Program ended at 20:26 when back into RRI IS. (Salmaniw,Masset, BC)

5955 ROMANIA Tiganesti 100 kW/30 deg Radio Romania International, Jan 2 1612 - A triple crown. I've now heard all 3 Ukrainian language programs from Romania. This is the earliest one. Heard at good level, besides some ?local noise. Likely the strongest of all I've heard, but not unusual, as it's still dark here. A program about ?orphaned children. ID at 16:16. Then into classical music at 16:17. Continued on until RRI IS at 16:26. (Salmaniw,Masset, BC)

5955 ROMANIA Tiganesti 75 kW/30 deg Radio Romania International, Jan 1 1803 - 2 for 2 with RRI's Ukrainian broadcast. Heard yesterday at 20:00, and today audible at fair level with New Year's broadcast. A bit of splatter initially from 5950 (?WRMI), but gone within a minute or two. Ukrainian might as be as rare on SW these days as Hebrew. Compared to the cold war and the 90s, there are precious few broadcasters using the language anymore. (Salmaniw,Masset, BC)

6030 CHINA Beijing 30 kW/ND CNR 1, Dec 29 2219 - Partial audio decoding. 17.46 kbps UEP (22.2%) AAC+ P-Stereo and Chinese (Mandarin) on the DReaM readout. AM would be perfect copy. Later in our local evening 01:17 UTC, I see a weak DRM signal (presumed China) on 13850. Too weak to decode, though. Nothing on listed 13825, nor 17800 or 15250, but instead almost decent copy on 15580 with occ drop outs. Again, very high bit rate makes it difficult to decode properly. NOPE, it's my laptop. I switched over to my ASUS and it's decoding 100%. I can only guess I was tasking the Dell a little too heavily! For some reason, the SNR is vastly different on the 2 machines. The Dell only reads 13.8 dB, while the Asus is 27.4. Big difference!. (Salmaniw,Masset, BC)

6035 BHUTAN Thimphu 100 kW/ND Bhutan BS, Dec 28 0128 - Presumptive diagnosis with S Asian sounding music, then talk by a YL at 01:29 in presumed listed Sharchop. Some slop from 6030, but otherwise about an S5 signal. In any case sounds nothing like a PBS station. (Salmaniw,Masset, BC)

6950 NORTH AMERICAN PIRATE Radio Boo Boo, Dec 29 0044 - Good reception with Jazzy vocals. SSTV image at 01:07 depicting a bear looking into a window, with the caption, Radio Boo Boo at the bottom. First for me for a station with this name. (Salmaniw,Masset, BC)

6951 NORTH AMERICAN PIRATE Unknown, Jan 1 0028 - First noted a few minutes after 00:00 at fair to good level. Interesting choice of frequencies. No one else on the air that I can hear so far (remember the days of Radio Yellowknife, years ago, that I enjoyed during the deepest of winter, and perhaps on New Year's Eve as well!). Played Rocky Mountain Way until 00:39, then gave a computer generated ID 'Thanks for listening, and Happy New Year', then transmitter cut. Didn't quite catch the ID, if there was one. No SSTV either. (Salmaniw,Masset, BC)

6968 INDIA All India Radio, Dec 28 0113 - Sick transmitter at strong level, and fairly good audio drifting upwards. Started at 6968, and within a minute or so had drifted up 600 Hz. Very wobbly signal. Rechecked at 02:17 and it was on 6972.4. (Salmaniw,Masset, BC)

7280 VIETNAM Sontay 100 kW/320 deg Voice of Vietnam, Dec 28 2131 - Fair to good reception in English to Europe. Some deep fades, but otherwise decent reception. Don't try this in the summer. Despite mid day, propagation on 41 meters from Asia continues!. (Salmaniw,Masset, BC)

7320 ALASKA Anchor Point 100 kW/300 deg KNLS, Dec 28 1539 - Usual very strong programming in Russian. Anchor Point must be down to a single transmitter, as the listed Chinese broadcast on 11890 is not on the air. A tight fit with some splatter from CRI on 7325 and CNR 2 on 7315. Probably not the best choice for frequencies. (Salmaniw,Masset, BC)

7530 AUSTRALIA Kununurra WA 100 kW/335 deg Reach Beyond Australia, Dec 28 1520 - Special English regarding the first Christmas tree (perhaps in Riga, Latvia), followed by birth of Jesus. Perfectly readable at good to very good level despite only a S8 to S9 strength. With little or no noise, works just fine! Beamed to SE Asia and Japan. Signed off with announcements and the Kukuburra just after 15:32. The latter surprised me!. (Salmaniw,Masset, BC)

7730 USA Okeechobee FL 100 kW/285 deg Adventist World Radio, Dec 29 0055 - Very good reception of the Wavescan program with Bob Padula's DX news and Christmas program. Bob Padula must only be heard on this program compared to the previous years, where he was widely heard. Sounding a lot older now, too. (Salmaniw,Masset, BC)

9400 BULGARIA Kostinbrod 100 kW/306 deg Uncle Bill's Rockless New Year's Eve Special, Dec 31 1813 - Fair to good reception with nice vocal by an YL. Definitely no rock music hear. Mostly music with intermittent new year's greetings and song introductions from an Irish(?) accented presenter. Improving over the hour to good level. Uncle Bill's Melting Pot ID at 18:30, and mention of Bulgaria relay. Then an ad for Global Radio Guide. Then with a song from South Africa at 18:33. 18:43 played Scotland the Brave. 18:55 'This is a special broadcast on 5130 from the United States and 9400 from Bulgaria', then announced special eQSL for this broadcast, then a Latin American song. Continued past 19:00 with their email address (I think OTILFORDproductions@gmail.com). Ended at 19:00:35. Dead air until 19:02:36 when joined American preaching. Later (19:11) noticed Brother Stair giving his schedule, including WINB 9265 and Overcomer Ministry mentioned. (Salmaniw,Masset, BC)

9505 SUDAN Al-Aitahab 100 kW/210 deg Voice of Africa, Jan 1 1747 - Weak, but in the clear, and I think they're in English at this time, though might also be in French. Just too weak to be perfectly clear. Lots of musical bridges. As I listen more, sounding more French than English to me. Been a lot of years since I've heard them, so nice to hear them again. When Africa is in, I check for 11735 Zanzibar, but no luck with them, so perhaps they're on one of their extended outages. Checked also Sudan's other frequency of 7205. Very strong in Esperanto, but there's clearly an African sounding station cochannel. I had

thought Sudan only had a single transmitter which alternates frequencies, but perhaps they have 2.
(Salmaniw,Masset, BC)

9650 GUINEA Conakry 50 kW ND Radio Guinee, Dec 31 1930 - Fair to good reception with African music.
No one else on channel heard. Noted 40 Hz on high side. (Salmaniw,Masset, BC)

9689.925 NIGERIA Ikorodu 250 kW/248 deg Voice of Nigeria, Dec 28 1814 - A strong signal, slightly off
channel, in African accented English, but low modulation. A shame, as they could be quite strong
otherwise!. (Salmaniw,Masset, BC)

9690 MADAGASCAR Mahajanga 100 kW/355 deg MWV New Life Station, Dec 31 1925 - A poor choice of
frequencies as both dominant RNE in Spanish, and Madagascar are well heard. Latter with a Christmas
carol (Oh Come All Ye Faithful). Clearly the shortwaves have recovered again over the past day or so.
(Salmaniw,Masset, BC)

9780 NEW ZEALAND Rangitaiki 35 kW/35 deg RNZI, Dec 28 1802 - Despite a strong signal, can't quite
demodulate it without a lot of rapid drop outs. I can still follow the news, but it's not an enjoyable
experience. Haven't heard RNZI in DRM for quite a while, with their restricted schedule now. Used to
be a regular for me in our local evenings. (Salmaniw,Masset, BC)

9860 JAPAN (NON) SM Galeria 250 kW/184 deg NHK Radio Japan, Dec 28 0516 - Fair reception with their
English broadcast via Vatican City. Shame Radio Japan hasn't broadcast our way in English for years.
(Salmaniw,Masset, BC)

9940 SWAZILAND Manzini 100 kW/343 deg TWR, Dec 31 1915 - Excellent, armchair copy in listed
Lingala. I forgot the new name for Swaziland (is it, Estevani or something like that?). (Salmaniw,Masset,
BC)

9955 USA Okeechobee FI 100 kW/160 deg World of Radio, Dec 29 2227 - WOR 1962 heard at very
good levels, not a time I was aware of (Saturday), then right into Czech Radio with Christmas
programming, BUT suddenly at 22:30 switched into a Bible huckster program! Darn, I'd rather hear
Czech Radio! Presumably heard off the back end of the beam. (Salmaniw,Masset, BC)

11690 NEW ZEALAND Rangitaki 35 kW/35 deg RNZI, Dec 30 1922 - 100% copy with 15.48 kbps EEP AAC+
Mono. Display field has their DRM schedule as follows: Reception reports to using the QSL option.
1650 to 1750 7330, 1751 to 1850 9780, 1850 to 1950 11690, 1950 to 2050 13840. (Salmaniw,Masset,
BC)

11970 KUWAIT Sulaibiyah 250 kW/100 deg Radio Kuwait, Dec 28 0508 - Too weak to decode audio, but
able to read the ID for Radio Kuwait. 17.46 kbps, and Radio Kuwait DRM. Appears to be a bit on the low

side of the channel. // to AM transmission on 15529.712 at poor to fair level. In English.
(Salmaniw,Masset, BC)

13650 KUWAIT Sulaibiyah 250 kW/350 deg Radio Kuwait, Dec 31 1918 - Almost strong enough to decode, but not quite. DRM_radio_kuwait and 17.46 kbps EEP AAC+ P-Stereo on the display. Listed in Arabic. (Salmaniw,Masset, BC)

15555 USA Milton Fl 1 kW WJHR, Dec 28 1816 - Preaching canned programming. Almost a good signal. Wonder why they went to 15550, then back again here?. (Salmaniw,Masset, BC)

15580 CHINA Dongfang 30 kW/16 deg CNR 1, Dec 28 0206 - Snippets of audio decoded, with 17.46 kbps UEP (22.2%) AAC + P-Stereo and Chinese (Mandarin) listen on the DReaM software. Unfortunately, a very powerful KBS on 15575 doesn't allow for perfect decode, that would otherwise be possible, I think. The same is true for 6030 tuned in at 07:00 UTC. Same issue with an AM carrier on 6030 which, I'm assuming, negates proper reception, as once again, the signal is relatively strong, but no decode.
(Salmaniw,Masset, BC)

15640 PHILIPPINES Tinang 250 kW/270 deg Radyo Pilipinas, Dec 30 0202 - Relatively strong but terrible audio. Worse than telephone quality. What's going on at Radyo Pilipinas? Not nice to listen to at all, despite the strong enough signal! English news. 17700 and 17820 both only weakly heard. About the return of bells from the US, important to the country. (Salmaniw,Masset, BC)

15640 PHILLIPPINES Tinang 250 kW/270 deg Radio Pilipinas, Dec 28 0209 - Excellent reception with English news. Telephone quality only. // 17700 a little weaker, as is 17820. Surprised that in the middle of winter, the MUF holds up to allow reception. (Salmaniw,Masset, BC)

15770 USA Okeechobee Fl 100 kW/87 deg Supreme Master Television, Dec 30 1929 - Very good reception with television feed, 'thank you for watching'. Going green, etc. Auld Lang Sye at 19:32. Next World Plastics at 19:35 to protect our world's oceans from plastics. (Salmaniw,Masset, BC)