

## **Grayland, WA DXpedition 25 – 27 February, 2011** *by Walter Salmaniw, Victoria, BC, Canada.*

*Written aboard the M.V. Coho enroute to Victoria.*

After a severe winter storm the day before departure, Harold Sellers and I embarked on the M.V. Coho ferry from Victoria, B.C. to Port Angeles, WA in the late afternoon of Thursday February 25, 2011. It was Harold's first visit to the "DX Mecca" of the Pacific North-West. For me, it had been about three or four years since my last DXpedition there, and I was eager to get back for another visit. Guy Atkins had planned on coming, but due to heavy work commitments, he was unable to attend, at the last minute. Bill Whitacre, out of the Washington, DC area rounded out this small group of enthusiastic DXers. Despite nearly a foot of snow on the ground in Victoria, and very cool temperatures, the drive to Grayland was a pleasant one, with the skies clearing as we entered the western outskirts of Olympic National Park. We stopped for a few minutes to enjoy the cloudless sky, the sounds of the Pacific, and a very dark sky with seemingly millions of stars above us. Quite breath-taking!

As it was, we arrived in Grayland about 10:30 PM and immediately unloaded our gear into the "very comfortable" Grayland Motel and got down to serious DXing. Bill, thankfully, had arrived earlier via Seattle and proceeded to erect a Dual Delta Phased array, which occupying only 40 meters between the two center mast supports, performed very well. I also helped Bill erect a much more sophisticated Dual Pennant Phased Array, which although very attractive, was not a good performer. Oh well, back to the drawing board!



*A beautiful sunset view of our Dual Pennant Phased Array, which, although very attractive in the setting sun, proved to be a poor performer.*

Solar indices were mostly so-so, with no large spikes in A/K indices, but with the solar flux in the 80s. No TA MW activity was noted, although this was not a target, as our antennae were oriented to the West. Trans Pacific MW activity was rather marginal, although there was a certain amount of Australia/New Zealand action. Tahiti on 738 also was heard rather well. Still, with the disappointing TP results, we had some fabulous 60 and 90 meter activity. After years of giving up on shortwave, it was nice to be able to DX some rather exotic stations on the tropical bands. Shortwave hasn't quite given up the ghost!

MUFs were on the upswing with many stations noted on 15 and 17 MHz, even relatively early in the morning, and into the evenings as well. The solar cycle indeed seems to be coming to life! A certain amount of pirate activity also contributed to some excitement during the early to mid evenings!

On Saturday afternoon, Bill, Harold and I went for a beach explore. Just to the north of DX central, we found a large ocean buoy. One can just imagine the power of the ocean!



*Bill Whitacre (L), and Harold Sellers (R).*

Further south, we came across Wash-a-way beach. This part of the coastline is eroding at an incredible 100 feet per year! No wonder we saw several homes lost to the ocean!



*No plans on real estate investing in this part of the coast! Wash-a-way beach. One would think that you'd get the picture rather quickly with a name like that!*

On our last evening, we were blessed by a visit from Guy Atkins from Puyallup, WA. Having the evening off, he came for dinner and an hour or two of enjoyable radio talk. We chose a very nice seafood restaurant in nearby Westport. A superb meal, enjoyed by all!



*Harold Sellers enjoying a feast of fresh Dungeness Crab, while we also enjoyed fish and chips, and seafood chowder. Yumm!*

Now on to some of the highlights of the trip: our loggings. As always, we have many hours of excellent mp3 recordings, as well as Perseus .wav files to enjoy well into the future. Enjoy!

FEDERATED STATES OF MICRONESIA 4755.449, 0646-, The Cross Feb 25 Nice reception already with religious style vocals, but marred by a weaker het originating from 4754.846. Not sure who that might be. 4755.47, 10:00-, The Cross Feb 25 ID at 10:00 as, 'It is 9:00 o'clock, and this is the Cross on 88.5 FM'. Marred by a presumed fishermen's network co-channel, as well as a possible Brazilian station just below 4755. Also CODAR evident as well. Not as strong as it was earlier in the evening. I was hoping to hear the sign-off, but no luck so far. Listened as long as I could before succumbing to the need for sleep. Left the Total Recorder Pro running. They signed off this morning in mid-song at 10:35 UTC at good level. (Salmaniw, Grayland, WA)

VANUATU 7260, 0710-, Radio Vanuatu Feb 25 Good reception with news sounding program in Bislama. Fair amount of static crashes. (Salmaniw, Grayland, WA)

AUSTRALIA 2325, 0906-, ABC Tennant Creek Feb 25 Already present at this early hour at fair to good level. // 2310 Alice Springs at weaker level, and 2485 Katherine just barely audible. (Salmaniw, Grayland, WA)

INDONESIA 3325.008, 1359-, RRI Palangkaraya Feb 25 Very good reception with an IS I didn't recognize at 13:59 and then into Bahasa Indonesian programming just before the TOH. (Salmaniw, Grayland, WA)

INDONESIA 3995.015, 1404-, RRI Kendari, Sulawesi Feb 25 Good reception with Indonesian music. A ham cochannel same frequency marred things a bit, so best using USB. (Salmaniw, Grayland, WA)

INDONESIA 9525.960, 1511-, Voice of Indonesia Feb 25 Fabulous signal from VOI in English, as pointed out by Harold Sellers. Not normally here in English at this time. News, then into a commentary on why Qaddafi has to leave. At 15:14:15, 'That ends commentary'. Very strong modulation, with clipping, as well as a transmitter hum. (Salmaniw, Grayland, WA)

KAZAKHSTAN 7515, 1530-, Golos Pravoslavyya (Voice of Orthodoxy) Feb 25 Good reception except for some serious splatter from 7520 (VOA special English from the Philippines). Open carrier about 10 minutes before start. Church bells briefly at 15:00 and into an orthodox hymn, and then into Russian sermon. A bit under modulated, but otherwise well heard. Tuesdays and Fridays only. (Salmaniw, Grayland, WA)

SRI LANKA 11905, 1543-, Sri Lanka Broadcasting Corporation Feb 25 Good reception with Hindi sounding music. No sign of Polish Radio in Ukrainian via Wofferton. (Salmaniw, Grayland, WA)

FRANCE 15605, 1614-, Radio France International Feb 25 Thanks again to Harold Sellers for pointing out RFI in English at very strong level, but with short path/long path echo. 500 kW listed from Issoudun. (Salmaniw, Grayland, WA)

SOUTH AFRICA 9675, 1624-, TWR Feb 25 Listed as 250 kW from Meyerton until 16:27, but off suddenly in mid-song African at 16:24. Was watching a bizarre sick transmitter varying between about 9670 and 9685, but that too disappeared. Don't think it was anything local, since it was too narrow to be a noisy wall wart, etc. (Salmaniw, Grayland, WA)

U.S.A 6925, 0132-, KARR Mobile Feb 26 Very strong pirate in USB with excellent punchy modulation playing rock music. Also sounds like Northern Relay Service is on at this time just above 6930.234 kHz in AM mode, but not as strong. ID'd as 'KARR Mobile from the west coast of the U.S.A. Hello from KARR' just after 01:35 UTC. Many thanks! Unfortunately, no internet access at Grayland so will have to wait to post until I get home on Sunday. Nice mp3 file. (Salmaniw, Grayland, WA)

MOLDOVA 7290, 0145-, Voice of Russia World Service Feb 26 Excellent reception of their English service. Parallel to 7250 (a mess with cochannel Voice of Justice, also in English). (Salmaniw, Grayland, WA)

SERBIA 6190, 0147-, International Radio Serbia Feb 26 Nice English ID then back into Serbian music. Not bad, as the sun hasn't set yet in Grayland. (Salmaniw, Grayland, WA)

ARGENTINA 11710.732, 0200-, RAE Feb 26 One of my favourite interval signals. Harkens to a time long past, with multiple language IDs, and then into their English program. Sure happy they didn't leave shortwave at the end of last year! (Salmaniw, Grayland, WA)

BRASIL 11780, 0203-, Radio Nacional Amazonia Feb 26 Very strong with full ID, including 'potencia' and frequency in Portuguese at 02:04. 'Quattro minutos', etc. Many Radio Nacional IDs. (Salmaniw, Grayland, WA)

ERITREA 7175, 0330-, Voice of the Broad Masses of Eritrea 2 Feb 26 Tentative reception with non-stop talk. My lists show them signing on at 03:55, but they were clearly on much earlier. Brief Horn of Africa music at 03:59, then a musical bridge, and back into talk at 04:00. Strongest of the channels from that part of the world. (Salmaniw, Grayland, WA)

ETHIOPIA 7235.190, 0404-, Voice of Peace and Democracy Feb 26 Tentative reception at poor to fair level, with a het audible from an on-frequency station (?Belarus). Low level talk, but not much else audible. Listed // is also off frequency on 9560.335 and also very weak. (Salmaniw, Grayland, WA)

RWANDA 6180, 0410-, Deutsche Welle Feb 26 English to Africa heard at good level as well as all the listed parallels: 9450 (Kigali): fair, 5905 and 5945 (Portugal): fair/good. (Salmaniw, Grayland, WA)

ROMANIA 6130, 0416-, Radio Romania International Feb 26 Superb reception with English to North America with commentary about a Russian gas pipeline. No other parallels heard. Once again, an example of a small country doing very good work. A lesson for others! Perhaps relay arrangements should be considered for other stations? (Salmaniw, Grayland, WA)

DIEGO GARCIA 4319, 1328-, AFN Feb 26 Good reception this morning with NPR programming. // 5765U excellent via Guam. (Salmaniw, Grayland, WA)

AUSTRALIA (NON) 2368.5, 1330-, Radio Symban Feb 26 For the second morning in a row, no signs of either Radio Symban or the 3210 station. (Salmaniw, Grayland, WA)

JAPAN 5985, 1401-, Shiokaze Feb 26 Excellent reception with jamming just audible in the background. Not in English today (it's either Japanese or Korean today). Multiple mentions of Shiokaze with their usual theme music. (Salmaniw, Grayland, WA)

THAILAND 9725, 1421-, Radio Thailand Feb 26 Fair to good reception in English to Asia/Pacific with report on disaster response. (Salmaniw, Grayland, WA)

SINGAPORE 6676, 1423-, Singapore VOLMET Feb 26 Excellent reception with English VOLMET for various airports in the Singapore area. 'Broadcast ends, Singapore Radio out' at 14:24:45. American accented rather than British accented computer generated male voice. Can't quite make out who came on next (very weak). (Salmaniw, Grayland, WA)

INDONESIA 4750, 1456-, RRI Makassar Feb 26 A very good morning for 60 meters with the most stations I've seen in a good long while (a welcome change!). Starting with 4750 with RRI dominating. Earlier it was a real mishmash with China and probably Bangladesh cochannel. Now the cochannels are much weaker. Nice RRI ID just after TOH. Could here time pips underneath as well. I can see 4 transmitters: 4749.955, 4749.990, 4749.000, and 4750.011. Interesting for sure! (Salmaniw, Grayland, WA)

INDIA 4760, 1508-, AIR Feb 26 I'm hearing weak audio from AIR. On the waterfall there are two transmitters: 4760.000 and 4760.011, so presumably both AIR transmitters? (Salmaniw, Grayland, WA)



TAJIKISTAN 4765.075, 1514-, Radio Tajikistan Feb 26 Good reception with central Asian music. Note off frequency. (Salmaniw, Grayland, WA)

INDIA 4775.009, 1515-, AIR Imphal Feb 26 Presumably them at poor to fair level under CODAR interference with talk. (Salmaniw, Grayland, WA)

DJIBOUTI 4780, 1516-, RTV Djibouti Feb 26 Fair, almost good reception (if not for CODAR) with talk by a male. Possibly in French. I'm measuring 4799.999 on the Perseus. (Salmaniw, Grayland, WA)

KYRGYZSTAN 4795, 1519-, Kyrgyz Radio Feb 26 Only just at threshold, with a possible logging. Still lots of CODAR interference. (Salmaniw, Grayland, WA)

CHINA 4800, 1521-, CNR 1 Feb 26 CNR 1 dominates over AIR Hyderabad. Generally at good level. (Salmaniw, Grayland, WA)

INDIA 4810, 1523-, AIR Bhopal Feb 26 Two stations cochannel, with the dominant on 4809.988 and another on 4810.000. Presumably one is AIR Bhopal and the other Armenian National Radio. Fair reception. (Salmaniw, Grayland, WA)

TIBET 4820, 1525-, Xizang PBS, Lhasa Feb 26 Good reception with Chinese programming. No sign of the AIR station in Kolkata. Frequency right on 4820.000. (Salmaniw, Grayland, WA)

ZIMBABWE 4828, 1528-, Voice of Zimbabwe Feb 26 Decent carrier, but too weak yet for audio. I see it's still over an hour until LSS at the transmitter, so quite impressive reception. Right on frequency. (Salmaniw, Grayland, WA)

INDIA 4835, 1531-, AIR Gangtok Feb 26 Fair to poor reception. On frequency exactly. (Salmaniw, Grayland, WA)

INDIA 4840.004, 1533-, AIR Mumbai Feb 26 Fair reception with news in I'm sure English. Slightly on the high side at 4840.004. (Salmaniw, Grayland, WA)

INDIA 4879.997, 1534-, AIR Lucknow Feb 26 Poor reception slightly below frequency. (Salmaniw, Grayland, WA)

INDIA 4895.036, 1535-, AIR Kurseong Feb 26 Fair to good reception in English. Note: they're quite off frequency! (Salmaniw, Grayland, WA)

TIBET 4905.003, 1537-, Xizang PBS, Lhasa Feb 26 Chinese music at good/very good level. Very slightly on high side of 4905. (Salmaniw, Grayland, WA)

INDIA 4910.005, 1539-, AIR Jaipur Feb 26 Just at threshold level, slightly above nominal frequency. Carrier relatively strong, but modulation very weak. (Salmaniw, Grayland, WA)

TIBET 4920, 1541-, Xizang PBS, Lhasa Feb 26 Both Lhasa and AIR Chennai are here in English at this time. Both are right on channel, and both are in equal strength. English news from India, and Tibetan music at the moment. One of the strongest on the band this morning. (Salmaniw, Grayland, WA)

BOTSWANA 4929.997, 1544-, VOA Feb 26 3 Hz low, with good to very good reception with modern American music. (Salmaniw, Grayland, WA)

CHINA 4940, 1547-, Voice of Strait Feb 26 Good to very good reception in Chinese. On frequency exactly. (Salmaniw, Grayland, WA)

CHINA 4950, 1548-, Voice of Pujiang, Shanghai Feb 26 Very good reception in Chinese. On channel exactly. (Salmaniw, Grayland, WA)

INDIA 4965, 1549-, AIR Shimla Feb 26 Decent carrier, and on-frequency, but with very low modulation (we are getting well after dawn, though). Potentially also could just be an OC. (Salmaniw, Grayland, WA)

INDIA 4970.008, 1551-, AIR Shillong Feb 26 Fair to good reception with music. Slightly on the high side. (Salmaniw, Grayland, WA)

TAJIKISTAN 4975.004, 1554-, Voice of Russia Feb 26 English broadcast (I think) from VOR at fair level. Better earlier when checking the Perseus .wav file (yes definitely English with probably an interview with an American accented male at 15:13). Later suffered from utility interference. ID'd at 15:30, after 'Goodbye', then 'You're listening to the Voice of Russia'. (Salmaniw, Grayland, WA)

CHINA 4980, 1530-, Xinjiang PBS, Urumqi Feb 26 Good reception with the CNR 3 Minority service. May be in Uighur? Seems a tad low on 4979.994 kHz. (Salmaniw, Grayland, WA)

INDIA 4989.989, 1530-, AIR Itanagar Feb 26 Tentative at best. Very weak, and marred by CW interference. Low on frequency. Could also be the Chinese (PBS Hunan). (Salmaniw, Grayland, WA)

RUSSIA 4996, 1647-, RWM, Moscow Feb 26 Presumably them. Tone noted at top of the minute. Fair reception. (Salmaniw, Grayland, WA)

CHINA 5000.000, 1530-, BPM, Xian Feb 26 Three time signal stations audible here. Just before 15:30 one hears WWVH, then BPM, and finally WWV. The Hawaiian is extremely strong, followed by BPM (fair/good), and finally WWV. Interesting! (Salmaniw, Grayland, WA)

JAPAN 5006.000, 1530-, JG2XA Feb 26 Weakly audible with CW ID just before 15:30. Not very often reported, but always there when I check. (Salmaniw, Grayland, WA)

MADAGASCAR 5010.006, 1530-, Radio Madagasikara Feb 26 Another fascinating frequency. Time pips just before 15:30 and time check and into English news from AIR Thiruvananthapuram, but under a stronger Madagascar. Interesting stuff! Both quite strong, but the African is dominant. Madagascar is in grayline zone at this time. (Salmaniw, Grayland, WA)

TURKMENISTAN 5015.000, 1527-, Turkmen Radio Feb 26 Tentative here. Strong carrier, on frequency, but with a loud hum. Unable to make out any audio though. Suspect this is Turkmen Radio, but can't confirm. Does not have utility characteristics. (Salmaniw, Grayland, WA)

MALAYSIA 5030.025, 1530-, RTM Sarawak Feb 26 Superb reception, strongest of the stations on the band. Very enjoyable music mix. Best thing that CNR1 did was to leave this frequency! (Salmaniw, Grayland, WA)

INDIA 5040, 1530-, AIR Jeypore Feb 26 Fair reception, and right on frequency. CODAR interference. Into English news at 15:30 (I'm fairly sure). (Salmaniw, Grayland, WA)

CHINA 5050, 1530-, Beibu Bay Radio Feb 26 Excellent reception in Vietnamese. Must have announced frequencies, since lots of 'FM' and 'kHz' heard. Nothing in English. Right on frequency. (Salmaniw, Grayland, WA)

CHINA 5059.985, 1530-, Xinjiang PBS Feb 26 Tentative logging. Transmitter seems a little variable, and audio very weak. Could possibly also be Voice of Oromo Liberation (according to EiBi)? (Salmaniw, Grayland, WA)

? CONGO 5066.426, 1530-, Radio Candip Feb 26 Highly tentative. Note on the waterfall a transmitter with perhaps threshold audio. No dark in Congo for a while yet. If not them, then who? (Salmaniw, Grayland, WA)

CHINA 5075, 1530-, Voice of Pujiang, Shanghai Feb 26 Excellent reception, and // to 4950 in Chinese (4950 just a bit stronger). (Salmaniw, Grayland, WA)

ROMANIA 7220, 2314-, Radio Romania International Feb 26 Fair to good reception in English, // to 7300 (also fair/good). Amazing, since it's only 3:15 pm local, and the transmission is direct from Europe. (Salmaniw, Grayland, WA)

CANADA 6929.933, 0120-, Northern Relay Service Feb 27 Nice ID for the Northern Relay Service at 01:20. Then into the song, 'Know when to fold them'. Very variable transmitter tonight. Left the recorder going and went out to dinner with Bill, Harold, and Guy. (Salmaniw, Grayland, WA)

ASCENSION ISLAND 7415, 0447-, BBC Feb 27 Instead of WBCQ The Planet, the only transmitter audible was from the BBC in French at good level, although there is some ute interference on the high side. (Salmaniw, Grayland, WA)

BELARUS 7255, 0504-, RS Belarus 1st Program Feb 27 Excellent reception with? Belarussian (or Russian) modern pop music, well over cochannel BBCWS from Ascension Is. Note that Belarus is in dawn grayline now. Belarussian DJ at 05:06. Back into music at 05:08. Rechecking at 05:15 already shows Belarus fading rapidly, and the BBC starting to dominate, as Belarus emerges into daylight. (Salmaniw, Grayland, WA)

FRENCH POLYNESIA 738, 0517-, RFO Tahiti Feb 27 Probably the best reception I've heard from Tahiti, on an otherwise uninspiring MW session these past 3 nights and 2 mornings at Grayland, WA. French talk, then into music at 05:20. No TA activity was noted at all during our stay, and TP activity was modest only. The first night (Thursday) yielded fairly good DU reception during the late evening and after midnight, while last night failed to do so. This morning TP activity on MW was very subdued, but 60 m activity to Asia and Africa was probably the best noted in a number of seasons. (Salmaniw, Grayland, WA)

PIRATE 6925, 0300-, Wolverine Radio Feb 27 Fair reception, but too close to the very powerful pirate on 6930 in AM, but ID'd at 03:00 as Wolverine Radio. Left the air right after that. Other station was the Northern Relay Service on 6930.172 (much stronger than last night). That made three pirates heard while at Grayland. (Salmaniw, Grayland, WA)

PIRATE 6925, 0313-, unid Feb 27 Another weak pirate came on at 03:13:20 with 60s music. Suffering from some splatter from 6930 (Northern Relay Service). NRS signed off at 03:20 with 'Up from the ashes, reborn, and rising like the phoenix. Northern Relay Service gmail.com. You know who we are'. 6925U pirate became much stronger after NRS signed off, and especially after 03:25:30. No ID so far to 03:39. (Salmaniw, Grayland, WA)

PIRATE 6930, 0340-, Radio Ga-Ga Feb 27 Unid pirate signed on at 03:40:30 on 6930 USB at fair level. Transmission seemed intermittent with dead air, then into music pieces, sometimes at good level (like at 03:51:10). Sounds like the Doors at that time. Johnny Cash's Ring of Fire at 04:26. Finally ID'd at 04:30 as, 'Radio Gaga, transmitting live from the center of? Lake.' Reception reports to Radiogaga6925@gmail.com. Thanks! (Salmaniw, Grayland, WA)

VANUATU 7260, 0649-, Radio Vanuatu Feb 27 Great reception with a long talk about upcoming programming after a long lively light musical piece. Mentioned Radio Vanuatu, 6:00 o'clock, news. All in Bislama. Back into music at 06:50:30. Lots of commercials at 06:55, many in English. At 07:00, time check for '6:00 o'clock'. Then drums and conch shell, then into news....'People are celebrating', etc. News until 07:10, and then into sports. Very good at times, although with deep fades at times. News from Radio Vanuatu at 07:12, then into a jingle: 'Radio Vanuatu, good for you'. Then mentioned frequencies, i.e. 1179 kHz, and 1165 kHz, as well as others. Back into islands music at 07:15. Very enjoyable! Checked // 3945 at 07:18, and it's way over Radio Nikkei 2 cochannel. Also very strong! (perhaps even stronger than 7260). Rechecked at 09:43, and noticed that they were well over another cochannel. Both transmitters are off frequency: 7259.949 (Vanuatu) and 7259.989 (possibly Mongolia or PBS Xinjiang). At 09:56 3945 is stronger and in the clear vs. // 7260 with a hymn. (Salmaniw, Grayland, WA)

FEDERATED STATES OF MICRONESIA 4755.466, 0724-, The Cross Feb 27 Best reception yet, with sermon at good/very good level. Kept an eye on them all evening. Finally cut transmitter at 09:59:30 without any announcements at all. Darn! (Salmaniw, Grayland, WA)

SOLOMON ISLANDS 5019.894, 0741-, SIBC Feb 27 Very strong, with excellent modulation with some English announcements, and then into what sounds like a South African vocal. Best heard in LSB to avoid the splatter from Cuba. News in Tok Pisin and English at 08:00. Continued to 08:14. Mentioned a program coming up at 'Half past seven'. Into a religious program. 0845- Very good reception with shipping information. // 1035 weakly heard as well. Into children's choir at 08:46 then into a children's religious program. 945 tentatively also in //. (Salmaniw, Grayland, WA)

AUSTRALIA 4835, 0819-, ABC VL8A Alice Springs Feb 27 Good reception with a caller. // to slightly weaker 4910 VL8T Tennant Creek. 5025, of course is obliterated by Radio Rebelde. Scheduled to change to 120 meter band shortly. (Salmaniw, Grayland, WA)

AUSTRALIA 2368.462, 0837-, Radio Symban Feb 27 After an absence the last couple of days, Radio Symban first appeared around 08:00 (thanks to sharp ears, Harold Sellers for noticing this). Measured frequency is 2368.462 on the Perseus. Still too early for anything but threshold audio, though. Greek music at weak level at 10:19 recheck. As for the other Australian on 3210, there appeared to be an open carrier earlier, but I don't see anything there now. (Salmaniw, Grayland, WA)

PAPUA NEW GUINEA 3385, 0911-, Radio East New Britain Feb 27. Very strong reception. The first to be heard over an hour ago, and now with English news (presumably from Port Moresby?). Appears to be the case, as they mentioned 'NBC, Port Moresby'. Final item regarded M. Gadhafi. Into a ukulele vocal at 09:13 and Pidgin. (Salmaniw, Grayland, WA)

CHINA 5050, 1432-, Beibu Bay Radio Feb 27 Listened carefully at 14:30, and sure enough, it sounds like they ID as 'BBR' briefly in English, with the rest being in Chinese. The IDs sound multilingual, though. Excellent reception. Transmitter breaks at 14:34 revealing a weak cochannel. Another superb 60 meter (and 90 meter) morning. (Salmaniw, Grayland, WA)

CHINA 4940, 1510-, Voice of Strait Feb 27 Excellent reception in English with the program 'Focus on China'. I had it listed on 15:30 Sundays, so I might have incorrectly listed it later. 300 Hz hum audible. Otherwise very powerful with excellent modulation and excellent enunciation. Continued to 15:26. Short musical bridge, then continued with English. Gradual fading with post dawn here. Continued until 15:34. Gave postal address as well, and program ID. Back into Chinese at 15:35 with Chinese female vocal. Still very strong. (Salmaniw, Grayland, WA)