

CLE247 COORDINATOR'S COMMENTS:

Hello all

Our 247th coordinated listening event was by far the best supported of all 19 of our August CLEs so far - its 51 logs were 5 more than the previous highest way back in August 2011. It wasn't due to the end of summertime storms - nearly half of the listeners commented on the bad static from them. We last concentrated on the 320-344 frequency range at the end of May last year when there must have also been plenty of static, but each of the NOW-THEN average statistics was much better this time. Steve in AZ logged 322.0 CI across the Pacific, 10,707 km away on the Chatham Islands (NZL).

We welcome Ivan (RUS) and thank him for his first CLE log - and welcome back to Robert (NIR) and Bengt (SWE).

You might be interested in a few comments about the 'Harvesting' process - the things that Joachim and I do with your logs to make the combined CLE results. The 'New Harvester' (NH) program was written in Excel by Joachim and has been in use for over two years, replacing my original and hard-to-run system that used a combination of QBasic, Access and Excel programs!

In contrast to the old harvester, the NH program is very user-friendly. Whenever possible, Joachim and I each separately input the CLE logs to our copies of the program. When most of the logs are 'in' we compare notes to make sure that we've found a log from all of the same listeners.

After the final deadline (usually on the Wednesday morning) for normal CLEs we use a way to make sure that all of Joachim's results are virtually identical with mine for everyone. The usual Excel table that compares THEN and NOW shows distance statistics for each listener. We make sure that our figures in the NOW columns (shown below in bold), especially the Averages at the bottom, are identical. If they're not, one or more of the individual lines will be different, indicating which listener(s) data needs to be checked so we can find and correct whatever caused the difference.

	THEN		CLE232 - 320-334.9 kHz - 25.05.2018 - 28.05.2018					
	NOW		CLE247 - 320-334.9 kHz - 23.08.2019 - 26.08.2019					
Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	km x	km x			km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
AUS, TA et	2865	2749	32	27	11	10	5607	5607
CAN, BC co	694	1084	7	12	10	11	1444	4336
CAN, BC jb	853	434	7	2	8	4	1550	887
CAN, BC sm	1503	1732	27	28	18	16	4308	4499
USA, AZ sr	1693	3667	15	44	9	12	3473	10707
USA, CA ha	1793	2468	16	25	9	10	3765	4158
USA, CO ac	1355	1293	28	16	21	12	2486	2387
USA, IL dt	568	920	7	20	12	22	1569	2127
USA, MO dp	1068	913	12	13	11	14	2484	2106
USA, NE dn	1267	1284	13	24	10	19	2576	2489
USA, NH jc	1011	1184	17	28	17	24	2448	2448
USA, NJ rs	844	1172	4	8	5	7	1633	1995
USA, TX du	1343	1508	32	35	24	23	3322	3206
USA, UT mu	1241	1917	6	19	5	10	1939	4713
Averages:	1293	1595	16	21	12	14	2757	3690
% Increase:		23		35		14		34

The other usually smaller table, for the reporters who only sent a log for this event, is checked in the same way.

Differences can be due to a missed report, any incorrect NDB Ident or any NDB or reporter whose location (Locator or Lat./Long.) is different, etc.

If our THEN-NOW tables are identical it is pretty certain that all the other tables in the results are the same.

I am afraid that, using the old harvester, there must often have been mistakes getting into the results.

Copy/pasting each log from the reporter's email into the NH program is a bit tedious, as it has always been, but after that the NH does its number crunching and making all the Excel results in the same time that it takes me to make a cup of tea!

Coming CLEs:

CLE248 Fri. Sep.27 - Mon. Sep.30 (special)

CLE249 Fri. Oct. 25 - Mon. Oct. 28 ; (normal)

(The dates are provisional at present)

Good listening, all

Brian

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