

CLE305 COORDINATOR’S COMMENTS:

Hello all

For our 305rd Coordinated Listening Event, we were trying to log NDBs in the frequency ranges 240 – 269.9 kHz and 420 – 1740 kHz. It was the first time that we have used these “wider” ranges. The reason, why we chose to merge two of the old “normal” CLE challenges into a single new one was to try and give everyone the chance to log some signals. This applied especially in North America, where the number of signals has decreased noticeably in the recent past.

Normally, our next CLE in turn would have been the frequency ranges “260 - 269,9 kHz and 440 – 1740 kHz”. Our research showed, that only 29 beacons had been logged from North America since 01.01.2024 in the range 260 - 269,9 kHz and none in the range 440 – 1740 kHz. Nearly the same thing applies for our other challenge on the ‘next door frequencies’, where we have used the ranges “240 – 259,9 kHz and 420 – 439,9 kHz”. There, 47 Beacons have been logged from North America since 01.01.2024 in the range 240 – 259,9 kHz and none in the range 420 – 439,9 kHz.

By merging all of those frequency ranges in CLE305, a total of 59 NDBs could be heard!

Usually we try to analyse and compare all the more recent CLEs when we used the same frequencies and ‘rules’. By merging the two challenges into one, unfortunately this is no longer possible. Nevertheless we have tried to visualize the data for you as follows:

		No. of reporters		Reporters' average km		Average total km (x 1000)		Average number of NDBs		Average max. km		“OLD” CLE Type 240 - 259.9 & 420 - 439.9
CLE	Date	REU	RWW	REU	RWW	REU	RWW	REU	RWW	REU	RWW	
182	20140523	13	20	929	1268	43	20	41	18	2483	2560	
197	20150821	15	18	940	984	35	21	38	20	2125	2074	
213	20161125	24	23	1138	1580	52	52	45	33	2585	3728	
230	20180323	24	26	998	1303	53	39	50	28	2406	2825	
246	20190726	15	24	987	1089	47	18	44	15	2347	2207	
262	20201120	19	28	1284	1628	80	49	59	30	4160	3731	
277	20220225	15	26	1240	1602	76	43	56	28	3524	3498	
291	20230421	18	16	1069	1212	46	15	41	12	2530	2239	
8-event averages		18	23	1073	1333	54	32	47	23	2770	2858	

		No. of reporters		Reporters' average km		Average total km (x 1000)		Average number of NDBs		Average max. km		"OLD" CLE Type 260 - 269.9 & 440 - 1740
CLE	Date	REU	RWW	REU	RWW	REU	RWW	REU	RWW	REU	RWW	
175	20130925	23	29	1278	1450	73	44	56	31	3247	3895	
191	20150120	18	27	1302	1300	74	34	56	26	3137	3028	
210	20160826	15	19	1202	1144	47	12	37	11	3054	2063	
228	20180126	22	28	1389	1356	78	34	55	23	4256	3511	
244	20190524	14	21	1271	1110	64	8	44	8	3003	2173	
260	20200925	15	27	1630	1460	118	20	66	15	3706	3051	
276	20220128	19	25	1721	1484	162	21	91	15	3989	2985	
290	20230324	17	16	1580	1015	104	8	64	7	3355	2219	
8-event averages		18	24	1422	1290	90	23	59	17	3468	2865	

		No. of reporters		Reporters' average km		Average total km (x 1000)		Average number of NDBs		Average max. km		"NEW" CLE Type 240 - 269.9 & 420 - 1740
CLE	Date	REU	RWW	REU	RWW	REU	RWW	REU	RWW	REU	RWW	
305	20240621	16	16	1204	1247	94	17	72	13	2576	2640	
1-event data		16	16	1204	1247	94	17	72	13	2576	2640	

The first table shows the averages for those challenges, when we listened in the frequency ranges 240 - 259.9 kHz and 420 - 439.9 kHz. The second table shows, the averages for those challenges, when we listened in the frequency ranges 240 - 269.9 kHz and 420 – 1740 kHz.

The third table shows the averaged data for last weekend's CLE.

To our surprise, we realized, that we never did one of the dual-frequency range challenges in June before – therefore a comparison is rather difficult.

Looking at the average number of NDBs heard, listeners in Europe clearly benefitted from the rather wide frequency range more than the listeners from RoW. However – we do not know how the numbers would have looked if we had not merged the two challenges.

We also know, that nearly everyone was plagued by noise from thunderstorms and poor propagation!

Coming CLEs: (The dates are provisional at present)

CLE306 Fri. July 26th – Mon. July 29th

CLE307 Fri. August 23rd – Mon. August 26th

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