

CLE327 COORDINATOR'S COMMENTS:

Hello all

for our 327th Coordinated Listening Event, each of us was trying to log NDBs on 10 self-selected frequencies in the frequency range 190 – 1740 kHz.

The following tables show, how many of us chose a certain frequency and how many signals we logged on it. It also shows the average number of beacons heard per frequency.

QRG	CZE my	CZE ze	DEU hw	ENG jms	ENG nw	ENG px	HOL prk	HOL rb	ITA ado	ITA vti	# of reporters on QRG	avg num of beacons heard
404	6	5	7	5	6	5	5		4		8	5,4
345	6	3	8	6	8		3	7			7	5,9
330	5	5		5	6			6	2		6	4,8
375	6	3	6	6		2	3				6	4,3
397	4	4		3	4		1		3		6	3,2
348			8	6	7			4			4	6,3
316					6		4	5			3	5,0
351				6		4	3				3	4,3
360	4	3		5							3	4,0
400		5					4		2		3	3,7
418	5	5						5			3	5,0
420			6		7				3		3	5,3
320				3	3						2	3,0
355	3							3			2	3,0
358				6					3		2	4,5
368			6				3				2	4,5
384							4		2		2	3,0
385			6	4							2	5,0
405								2	1		2	1,5
410							3	2			2	2,5
412		2						1			2	1,5
318		2									1	2,0
321								3			1	3,0
323						2					1	2,0
328						3					1	3,0
338				5							1	5,0
340						3					1	3,0
369								4			1	4,0
370						1					1	1,0
372										1	1	1,0
374						2					1	2,0
380			6								1	6,0
395								3			1	3,0
398						4					1	4,0
403						1					1	1,0
424	2										1	2,0
428								4			1	4,0
430			5								1	5,0
432			6								1	6,0

QRG	CAN, BC sm	USA, AZ sr	USA, CA od	USA, CO ac	USA, IN trs	USA, NH jc	USA, TX du	USA, VT se	USA, WA so	USA, WA wo	# of reporters on QRG	avg num of beacons heard
356	2		1	2	1	3		2	1	1	8	1,6
257	1		1	1			3	1	1	1	7	1,3
332	1		1	1	2	3	2		1		7	1,6
365	3			2		3	1		1	2	6	2,0
382	2				2	3		2	1		5	2,0
385	1		1	1		3	2				5	1,6
407		1		1	1		3	2			5	1,6
329			1	1		3		1			4	1,5
379				1	1	3		2			4	1,8
400		1	1	2			2				4	1,5
338	1	1		1							3	1,0
404	1	1							1		3	1,0
203								2	1		2	1,5
251								1	1		2	1,0
326		2						1			2	1,5
341					1	2					2	1,5
218									1		1	1,0
250										1	1	1,0
269										1	1	1,0
272							1				1	1,0
278							3				1	3,0
293							2				1	2,0
305		1									1	1,0
311										1	1	1,0
320										1	1	1,0
323						2					1	2,0
346										1	1	1,0
362						3					1	3,0
371					2						1	2,0
380		1									1	1,0
383		1									1	1,0
388								1			1	1,0
397		1									1	1,0
402		1									1	1,0
418							1				1	1,0

As in CLE306, there was no case where two listeners chose all 8 frequencies equally.

The following table shows how many different signals and countries have been logged by reporters from Europe and North America during CLE327.

Region	No. of different signals heard	No. of countries logged
Europe	172	45
North America	84	35

This gives a total of **256** different signals from **80** radio-countries including Africa, Asia, Europe, International Waters and North America!

As we applied slightly different rules in CLEs 258 and 306 (**5** self-selected frequencies in CLE258, **8** self-selected frequencies in CLE306, **10** self-selected frequencies in CLE327) a direct comparison between these three CLEs does not seem appropriate. One would normally expect the average number of signals received across 10 self-selected frequencies in CLE327 to be significantly higher than across 5 self-selected frequencies in CLE258.

This is all the more true given that CLE258 took place in July, when nights are significantly shorter than at the end of April.

However, we only see a difference of +15% in Europe and as much as -24% in North America.

Surprisingly (maybe not), this demonstrates precisely the effect that led us to adjust the rules, namely the increasing decommissioning of NDBs

CLE	Date	No. of Reporters		Reporters' average km		Reporters' average total km (x1000)		Reporters' average number of NDBs		Reporters' average max. km	
		REU	RWW	REU	RWW	REU	RWW	REU	RWW	REU	RWW
258	July 2020	13	14	530	1037	19	15	33	17	1855	2453
306	July 2024	16	12	1021	1298	33	20	31	15	2663	3012
327	April 2026	10	10	1104	1072	46	14	38	13	2680	2425
3-event overall averages		13	12	885	1135	33	16	34	15	2399	2630

The following table shows the number of signals received per distance range:

Distance range [km]	No. of signals logged	
	Europe	North America
<1000	162	67
1000 - 1999	165	56
2000 - 2999	39	8
3000 - 3999	4	1
4000 - 4999	2	
5000 - 5999	1	
6000 - 6999		1
>7000		

This clearly shows that again the majority of the signals were logged over distances of less than 2,000 km.

Coming CLEs: (The dates are provisional at present)

CLE328 Fri. May 22nd – Mon. May 25th

CLE329 Fri. June 26th – Mon. June 29th