

**NDB LIST CLE No. 200**    335 - 349.9 kHz    27 - 30 Nov. 2015, midday-midday local time

**COMBINED RESULTS**  
**EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

CZE	<b>fr</b>	Frantisek Müller, Praha
CZE	<b>jv</b>	Jaroslav Tomek, Ostrava
CZE	<b>my</b>	Milos Holy, Lhota pod Radcem
CZE	<b>ze</b>	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	<b>bd</b>	Bernhard Hein, Dessau-Roßlau
DEU	<b>hw</b>	Hartmut Wolff, Near Wolfsburg
DEU	<b>je</b>	Joachim Rabe, Norderstedt, north of Hamburg
ENG	<b>ag</b>	Alan Gale, Whitworth, Lancashire
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>hh</b>	Brian Heath, Stapleton, Leicestershire
ENG	<b>me</b>	Mike Thayne, Whitley Bay
ENG	<b>px</b>	Peter Greateorex, Bolsover, Derbyshire
ENG	<b>re</b>	Ray Evans, Bolsover, Derbyshire
FIN	<b>jt</b>	Jarno Fält, Tampere
FIN	<b>ks</b>	Kari Syrjänen, Aitomaki, near Kouvola
FIN	<b>ro</b>	Raimo Karjalainen, Laukaa, near Jyväskylä
FRA	<b>ea</b>	Eric Angevin, Kercabellec
FRA	<b>fb</b>	Franck Baste, St Bonnet de Rochefort
FRA	<b>jj</b>	Jean Jacquemin, Trepied, near Le Touquet
HOL	<b>rb</b>	Roelof Bakker, Middelburg, Zeeland
ITA	<b>mr</b>	Marino Ferrero Giacminet, Settimo Torinese, Turin
ITA	<b>wb</b>	William G Buchanan, Alessandria
NOR	<b>gl</b>	Geir Laastad, Svelvik
POL	<b>ls</b>	Leslaw Sieron, Near Lodz
SAR	<b>gc</b>	Giorgio Casu, San Gavino Monreale
SCT	<b>ds</b>	David Atkins, Tighnabruaich, Argyll
SUI	<b>ps</b>	Peter Schleuss, Winterthur
SUI	<b>ui</b>	Udi Isaenko, Niederlenz

For full details, please see the individual reporters' logs,  
as previously posted by them to the List.  
If you spot an omission or problem in your own details below  
please let me know ( ndbcle'at'gmail.com  
- replace the 'at' by an @ symbol )

**BEACONS HEARD:**

**Beacons are shown in kHz order within each country**

UNIDs and Offshore NDBs appear at the end of the list.

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 20 indicates logged between 20:00-20:59 UTC).

Cou	kHz	Call	Location	CZE fr	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	ITA mr	ITA wb	NOR gl	POL ls	SAR gc	SCT ds	SUI ps	SUI ui	
ALG	342	OA	Algiers Houari Boumedienne			20	22	18	02	00			19							20	19	12	21				04	22				
AZR	341	GP	Lajes.						00				21	02						20		00	20									
BAL	344	MN	Menorca		17	20	22	17	12	00		01	21	01	22	18	07			18	20	00	18	23	01		01	22		01		
BIH	340	BLK	Banja Luka	16	18	19	20	15	02	23	00		21	12	21	18	17	22		18	19	00	20	23	17	21	20	22	00	17	00	
BUL	335	B	Burgas		17																											
CAN	340	YY	Mont Joli, QC																	02												
COR	341	IS	Ajaccio Campo del Oro	21	17	22	20	21	02	00		18	22							20	16	00	19	23	17		23	22		20	00	
COR	349.5	SZA	Solenzara	22	17	22	21	17	03	00										18	16	00	18		00		21	23		17		
CYP	343	DKA	Dhekhella															20														
CZE	345.5	CF	Caslav Chotusice.	16	17	15	21	13	12	23	04	18	21	12	22	18	17	03			20	00	18		00	22	21	23	01	19	01	
DEU	337	LHR	Lahr Schwarzwald	21		15	21	20	12	20			21	02	23		22			16			20				03		23		00	
DEU	338	MNW	Munchen	16		15	20	15	12	23			22	03			01						20				20			21	00	
DEU	339	HOS	Hamburg	21			19		12	22			22	23			01						20				04			00		
DEU	340	ZIG	Leipzig	16		22	20	13	12	01			21	02		19	01						19				20			00		
DEU	341	ALG	Memmingen Allgäu	21	17	20	20	15	02	22							03					00	21				22	23		00	01	
DEU	343	SBN	Saarbrucken Ensheim	22		21	23	15	14	22			21	00						19	02	16	20						00	19		
DEU	344	CB	Cochstedt.	16		22	21	13	12	22	04		21	21		19	18			16	23	00	18			23	21		00			
DEU	344	HN	Hohn	21		22	23	01	12	22	04		21	12	21	20	19			00		00	11				21	15		00		
DEU	345	IGL	Ingolstadt	16		15	21	13	12	23	21		21	23	22	18	20						18				23	23		16	01	
DNK	339	SD	Sindal	22					12	22			23	23			02									21	18					
DNK	341	LO	Billund	22		22	19	22	13	23	01	18	21	12	21	23	16	01				12	11			21	22					
DNK	346	AU	Stauning						14	01			22	12									18									
ENG	335	WCO	Westcott			01			20	22	03	12	16	12	20	17				11	23	12	11						12			
ENG	337	EX	Exeter						21		03	12	16	12	20	18				11	23	12	11						23			
ENG	337	WTN	Warton						00		03	12	16	12	20	18				23		12	20						12			
ENG	338	FNY	Robin Hood Doncaster						23		03	12	22	12	20	18				23		12	11						12			
ENG	339	BIA	Bournemouth						22		03	12	22	12	21	18				11	22	12	11						23			
ENG	340	LSH	Lashenden Headcorn						22		03	11	21	00	21	18				01		12	11									
ENG	342.5	NWI	Norwich						23		04	12	21	12	21	18	01			16		12	11						01			
ENG	343	YVL	Yeovil						23		21	12	21	22	21	18				11	23	12	19						23			
ENG	345	LUT	London Luton						22		04	12	21	12	22	18				22		12	11						00			
ENG	347	NQY	Newquay						22		04	12	21	22	21	18				11	23	12	20						12			
ENG	347.5	TD	Teesside						22		04	12	22	12	22	18	20			21		16	12						00			
ENG	348	FOS	Fairoaks								04	12	22		22	18						12	12									
ENG	349.5	LPL	Liverpool						22		04	12	21	12	22	18				00		12	04							13		
ESP	335	TON	Torralba de Aragon			22		06	18		03	20	16	01	21	23				11	19	00	11					22	23	01		
ESP	340	PND	Valencia Pinedo				00		02		01	06	19							18	19	00	20					22	00			
ESP	342	VLD	Valladolid																										00			
ESP	345	VI	Vigo										22							21		00										
ESP	345	VTA	Vitoria																	15		00	23									
ESP	348	ZZA	Zaragoza																			00										
FIN	336	M	Mikkeli				22		00								16	05	16													
FIN	339	V	Kokkola Kruunupyy			01			00				23	23			16	05	16							01	01					









12:00 - 12:59						22			20											28	5									8		
13:00 - 13:59					5	12																								1		
14:00 - 14:59					3	11																										
15:00 - 15:59			5		8																											
16:00 - 16:59	16				1						5																					
17:00 - 17:59	1	18			5	1			1					1	11																	
18:00 - 18:59	4	4			5	5			4	2				28	16	2	5	14														
19:00 - 19:59	1	1	7	2	5	2				10	1			6	3	5	2	10	11													
20:00 - 20:59	8		16	14	4	3	1		3	3				5	7	5	1	5	7	5	6	26										
21:00 - 21:59	18	4	15	21	9	6			6	30	2	17			7	3	1	3														
22:00 - 22:59	23		11	13	5	13	21	4	4	30	8	16	3	3	5	5	3	3	2			1	2	1								
23:00 - 23:59	3			10	2	4	17		4	6	19	2	6			6		4	10			4	11	2								
<b>UTC (hh)</b>	<b>CZE fr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>DEU je</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FIN ro</b>	<b>FRA ea</b>	<b>FRA fb</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA mr</b>	<b>ITA wb</b>	<b>NOR gl</b>	<b>POL ls</b>	<b>SAR gc</b>	<b>SCT ds</b>	<b>SUI ps</b>	<b>SUI ui</b>				
Totals:	61	35	72	65	58	125	60	50	54	93	85	40	51	73	58	16	75	47	82	100	13	27	34	62	31	48	34	31				

### NDB COUNTS, BY FREQUENCY:

The number of NDBs logged by each reporter on each frequency and the number logged by all on each frequency, ignoring offsets:

NDBs	kHz	CZE fr	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	ITA mr	ITA wb	NOR gl	POL ls	SAR gc	SCT ds	SUI ps	SUI ui	
13	335	6	2	9	6	7	11	5	3	3	5	5	2	3	3	3	2	5	5	4	5	1	2	1	5	3	3	3	1	
3	336		1	2	2	1	3	1	1	1	2	2		2	3	2	1	1			1	2			2	2				
8	337	4	2	4	4	3	8	4	3	4	6	6	5	4	4	3		6	3	4	6	1	1		4	2	4	2	3	
12	338	3	4	4	4	4	9	5	3	4	5	4	3	1	7	7	2	5	2	6	6	1	1	1	5	2	4	2	2	
10	339	4	2	4	3	1	9	3	2	4	9	8	1	2	5	2	1	4	3	5	7	1	2	3	6	1	5	2	1	
11	340	4	3	4	5	4	9	4	5	4	7	6	4	5	5	5	1	7	4	6	7	2	1	3	5	3	4	2	2	
8	341	5	3	5	4	4	8	4	3	5	7	4	4	3	4	2		5	3	7	8	1	2	2	4	4	2	2	3	
9	342	3	2	3	4	3	7	4	1	2	5	4	1	1	5	2		4	4	3	5		1	3	4	2	3			
1	342.5						1		1	1	1	1	1	1	1			1		1	1						1			
8	343	6	2	6	5	5	6	4	3	4	5	5	2	2	3	3	1	5	5	6	6	1	3	1	3	2	3	5	3	
7	344	5	2	6	7	5	7	6	4	3	6	5	3	4	6	2	1	5	3	5	6	2	2	4	6	2	3	2	2	
22	345	7	3	7	7	7	13	5	5	5	10	9	3	6	9	9	3	10	4	10	14	2	4	5	6	4	4	5	4	
1	345.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1		1	1	1	1	1	1	1	
10	346	3	1	5	5	4	8	4	4	4	7	6	3	4	4	3	2	4	4	5	6	1	2	2	4	2	3	2	2	
3	347	1	1	1	1	1	3	1	2	2	2	2	2	2	1	1		2	2	2	2		1				2	1	1	
1	347.5						1		1	1	1	1	1	1	1			1		1	1						1			
16	348	5	3	7	4	4	14	5	4	2	8	9	3	5	8	9	1	5	2	8	10		3	4	4	1	2	3	4	
6	349	3	2	3	2	3	5	3	3	3	5	6		3	3	4	1	3	1	5	5			2	2	1	2	1	2	
2	349.5	1	1	1	1	1	2	1	1	1	1	1	1	1				2	1	2	2		1		1	1	1	1		
NDBs	kHz	CZE fr	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	ITA mr	ITA wb	NOR gl	POL ls	SAR gc	SCT ds	SUI ps	SUI ui	

## MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

kHz	C/S	Location	Cou	Reporter	UTC
335	B	Burgas	BUL	CZE jv	17:28
337	IFN	Esfahan	IRN	DEU hw	19:44
346	BRD	Bojnord	IRN	DEU hw	22:02
348	SH	Ostrov Veretje	RUS	DEU hw	04:18
342	PK	St. Petersburg Pulkova	RUS	DEU hw	05:23
342	VD	Vadso	NOR	FIN jt	18:20
345	HT	Hagfors	SWE	FIN jt	01:59
343	DKA	Dhekhella	CYP	FIN ks	20:02
345	BNR	Banak	NOR	FIN ks	05:46
345	X	Perm Bolshoe Savino	RUS	FIN ks	03:02
338	A	Moskva	RUS	FIN ks	23:21
340	RO	Lozovatka Kryvyi Rih	UKR	FIN ks	19:02
340	YY	Mont Joli, QC	CAN	FRA ea	02:04
348	ZZA	Zaragoza	ESP	FRA jj	00:17
342	VLD	Valladolid	ESP	SCT ds	00:11

## TABs

Trans-Atlantic Beacons' - NDBs that joined in the fun on both sides of the Atlantic  
*These results will be available when the N. American logs have been combined.*

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE185 335 - 349.9 kHz 22 - 25 Aug 2014  
**NOW:** CLE200 335 - 349.9 kHz 27 - 30 Nov 2015

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
CZE fr		882		53		60		1898
CZE jv		969		34		35		1836
FIN ks		1157		67		58		2920



FRA ea	1028	77	75	4743
FRA fb	673	32	47	1904
ITA mr	425	6	13	750
ITA wb	538	15	27	1244
NOR gl	697	24	34	2062
POL ls	1025	64	62	2074
SAR gc	783	24	31	2357
SUI ps	646	22	34	1384
SUI ui	651	20	31	1426
<b>Averages:</b>	<b>790</b>	<b>36</b>	<b>42</b>	<b>2050</b>

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
CZE my	913	946	57	66	62	70	1886	2032
CZE ze	842	936	37	60	44	64	1870	1963
DEU bd	920	911	46	52	50	57	1807	1814
DEU hw	1153	1168	122	144	106	123	5305	3953
DEU je	1007	956	62	57	62	60	5212	3098
ENG ag	790	827	14	41	18	50	2550	2550
ENG bk	959	807	56	44	58	54	4694	2404
ENG hh	1127	1043	83	96	74	92	4575	2590
ENG me	1280	1080	119	92	93	85	4471	2707
ENG px	893	761	44	30	49	40	2543	2543
ENG re	920	842	53	43	58	51	2543	2097
FIN jt	1138	1277	53	93	47	73	4262	4262
FIN ro	487	716	5	11	11	16	889	1662
FRA jj	740	923	19	76	26	82	2045	2598
HOL rb	1103	965	98	96	89	100	4934	2764
SCT ds	773	937	13	45	17	48	1959	2682
<b>Averages:</b>	<b>940</b>	<b>943</b>	<b>55</b>	<b>65</b>	<b>54</b>	<b>67</b>	<b>3222</b>	<b>2607</b>
<b>% Increase:</b>		<b>0</b>		<b>19</b>		<b>23</b>		<b>-19</b>

Av. km = Average distance from listener to NDB for all their loggings  
Total km = Sum of distances from listener to NDBs for all their loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance from listener to an NDB logged  
(UNIDs are not included)

#### Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

**The lower table shows statistics for listeners who took part in both the events.  
The bottom lines compare the general conditions found during the two events.**

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

CLE200e5.xls  
bk 2 Dec. 2015