

**NDB LIST CLE No. 147 320 - 339.9 kHz 30 Sept. - 3 Oct. 2011, midday-midday local time**

**COMBINED RESULTS  
EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

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>ho</b>	Joerg Hochheimer, Nr Frankfurt
DEU	<b>hw</b>	Hartmut Wolff, Near Wolfsburg
DEU	<b>mz</b>	Matthias Zwoch, Arnsdorf, Nr.Dresden
ENG	<b>ag</b>	Alan Gale, Whitworth, Lancashire
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>cy</b>	Chris McCarthy, Ispwich, Suffolk
ENG	<b>ds</b>	David Atkins, Abbots Langley
ENG	<b>hh</b>	Brian Heath, Stapleton, Leicestershire
ENG	<b>mt</b>	Mike Trodd, Yapton, near Arundel, W Sussex
ENG	<b>px</b>	Peter Greatorex, Bolsover, Derbyshire
ENG	<b>tg</b>	Tracey Gardner, Foston, Lincolnshire
FIN	<b>jt</b>	Jarno Fält, Tampere
FIN	<b>ks</b>	Kari Syrjänen, Aitomaki, near Kouvola
FRA	<b>jj</b>	Jean Jacquemin, Bethune, Merville, near Lille
HOL	<b>ft</b>	Frank Thijs, Hoeven
HOL	<b>pl</b>	Pieter Lamers, Oosterhout, Noord Brabant
HOL	<b>rb</b>	Roelof Bakker, Middelburg, Zeeland
IRL	<b>fo</b>	Finbar O'Connor, Malin Head (Trawbreaga Bay)
SUI	<b>ps</b>	Peter Schleuss, Winterthur
SWE	<b>bn</b>	Bo Nensen, Hanabäckliden, Örnköldsvik

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. 16 indicates logged between 16:00-16:59).

Cou	kHz	Call	Location	CZE my	CZE ze	DEU bd	DEU ho	DEU hw	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG mt	ENG px	ENG tg	FIN jt	FIN ks	FRA jj	HOL ft	HOL pl	HOL rb	IRL fo	SUI ps	SWE bn
AUT	327	LNZ	Linz Horsching	16	21	15	2	17	20		4		23	2	19	21	20	21	18	18	4	4	20		13	
BEL	323	ONC	Charleroi	19	22	19	2	20		22	11	20	22	18	13	21	17			18	2	21	10	22	19	
BLR	321	GK	Minsk					3																		
BLR	321	NE	Minsk					3											3							
BUL	321	BU	Burgas	19	1	19		3											1			22	19			
CZE	328	VRI	Vrchlabi	16	21	2		2																		
DEU	320	HA	Hannover East	3	23	15	19	17	20				21	1	21		20	21	22	23	2	22	10			
DEU	321	GL	Berlin Tegel East	16	22	15		17	20					0				21	22		2	22	2			
DEU	323	GT	Hamburg North	19	1	19		17			18	3	22	2	21		19	3	22	3	2	4	2			
DEU	325	DP	Diepholz	19	21	15	2	17	21		21	3	22	2	21	18	17	21		2	3	4	10			
DEU	327	LV	Kohn Bonn	1	21	19	2	20	20			5		2		21				2	4	4	10			
DEU	330	ABU	Altenburg Nobitz	16	22	15		17	21				0	1				21			3	17	22			
DEU	330	HC	Heringsdorf					17																		
DEU	333	PI	Schwerin Parchim	19	0	15		17										21					2			
DEU	334	HDM	Coleman	16	21	19	1	17	20		0		2	3	21	23	19	2		2	4	21	10			
DNK	321	VO	Vojens Skrydstrup	0	2	18		17			20		21			19	16	3	0	2			10			
DNK	324	ML	Aarhus Tirstrup	1	2			20			20												10			
DNK	328	VJ	Stauning	1		0		17			20			19			17	21		23	12	4	10			
DNK	330	SB	Sonderborg					20															10			
DNK	334	FAU	Ronne Bornholm	2	23	22		17	20								20	21	1					23		
ENG	322	LCY	London City							22	11	20	21	12	13	18	17			0	11	22	10			
ENG	323	SBL	Sherburn in Elmet					2		22	11	2	22	13		19	17					22	10			
ENG	325	OF	Filton					20		22	11	20	23	12	13	19	17			0	3	4	10	22		
ENG	327	TNL	Tatenhill							22	11	5	23	12		19	17			3			5			
ENG	328	BLK	Blackbushe							1	11	21	23	12	13	19	17					4	10			
ENG	328	CL	Carlisle					3		22	11	5	11	12		19	17			4	12	21	10	16		
ENG	331	GST	Gloucestershire					3		22	11	20	1	13	13	18	17			3	3	17	10			
ENG	332	SHM	Shoreham								11	21	1	13	13	18				23	3		10			

ENG	332.5	CAM	Cambridge				20			22	11	20	1	13	13	22	17			3	11	19	10				
ESP	321	ABT	Albacete								21	2	22	1	22	20				4			22	21			
ESP	325	AST	Asturias								21		22	0	22	19				2			4	21	23		
ESP	328	HIG	San Sebastian	2		22	3	21		22	21	2	0	19	22	18	20			4			21	21			
ESP	330	AI	Alicante								0												23				
ESP	330	LEN	Leon Virgen del Camir				23	3		22	21	2	1	2	21	22				3	0	1	22				
ESP	332	EAL	Almagro										1	3		22				3			22				
FIN	322	KOR	Helsinki Korso	0	1	23	3	20			1			0			0	15	16	2	2	22	20				16
FIN	324	AS	Kemi Tornio	0			22	21			1			0		21	20	2	16	2		4	20				15
FIN	325	JOE	Joensuu	1	23		21	20					23	0				15	16				0				16
FIN	326	SUI	Tampere Suini	1		21	23	20						0				15	16			21					16
FIN	328	KIT	Kittila																16								
FIN	333	G	Kemi Tornio	1			2	20						1		22		15	16	3			2				16
FIN	334	S	Kuopio				2											15	16								16
FRA	320	LSU	Limoges Bellegarde	0	1		20	20			10		20			19				4			19				
FRA	320	TY	Troyes Barberey	0	1	22	20				11	5	20	0	18	19	20	0		4	2	22	10				
FRA	320	VE	Valence Chabeuil	0	20		3	20	20														2				18
FRA	321	ABY	Albert Bray	1			19	20	20	21	11	20	21	12	13	19	17			18	2	21	10				19
FRA	321	TL	Tarbes Lourdes				22													22			19	23			
FRA	322	ORS	Orleans								10						17			4			10				
FRA	322	RL	La Rochelle				23				20			1	19					21		22	23	22			3
FRA	322	TLN	Hyeres Le Palyvestre	19	20		20	3						1						4		22	21				18
FRA	323	AB	Albi Le Sequestre	0			1	21				5	22		21	20				1		4					3
FRA	324	MOU	Moulins				21				11				18	22				4		4	2				
FRA	326	LM	Le Mans Arnage	1			4			22	11	3	23	13		19	17			18		4	12	23			
FRA	327	MVC	Merville Calonne	20	2	20	0	22	20		11	3	23	12	13	21	17	3	3	18	3	4	10				
FRA	330	MB	Montbeliard				21															1					13
FRA	331	TUR	Tours Val de Loire	1			22	3			11	5	1	4	13					3		1	10				
FRA	331.5	TLF	Toulouse Francazal	2			1	3		22	20		1	19						3		1	1				21
FRA	332	LL	Lille Lesquin	20	1	21	2	20			11	20	1	13	13	18	17	0		18	3	19	10	22			21
FRA	334	SAL	Salon de Provence																	3							
FRA	334	YN	La Roche sur Yon								11				13								4				
HNG	326	C	Debrecen	20	2	20	4	21										22	3	22			22				
HNG	329	HA	Budapest Ferihegy	16	21	19	2	17	20					1				21	3		4	1	22				
HOL	326	LLS	Lelystad				22				11	3	23	2		19	19			4	4	4	10				
HOL	330	SO	Eelde Groningen	2			22	3		22	11	2	11	2		19	17			2	3	17	10				
HOL	332	NV	Amsterdam Schiphol	1			20				20	2	1	17			17			3	4	19	10				









09:00 - 09:59																								
10:00 - 10:59								2											30					
11:00 - 11:59								23		2														
12:00 - 12:59						1					10							2						
13:00 - 13:59											7	14											3	
14:00 - 14:59																								
15:00 - 15:59			6													8							4	
16:00 - 16:59	9													1	2	18					9		13	
17:00 - 17:59					25						3				26	1				4			3	
18:00 - 18:59	1		7					1			1	3	10		4	8	7		1			5		
19:00 - 19:59	16		10	4	2						4	4	18	4					4	3		3	4	
20:00 - 20:59	5	2	7	2	23	30		11	8	3			3	18						10				
21:00 - 21:59		11	4	1	8	18	2	8	3	4		7	10		11		1		18	6		2		
22:00 - 22:59		6	3	4	7		20	4		9		5	9		3	7	4		12	9	6			
23:00 - 23:59		7	4	2	7			2		11			2		5	2	8			7	8			
<b>UTC (hh)</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU ho</b>	<b>DEU hw</b>	<b>DEU mz</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG cy</b>	<b>ENG ds</b>	<b>ENG hh</b>	<b>ENG mt</b>	<b>ENG px</b>	<b>ENG tg</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FRA jj</b>	<b>HOL ft</b>	<b>HOL pl</b>	<b>HOL rb</b>	<b>IRL fo</b>	<b>SUI ps</b>	<b>SWE bn</b>	

### 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 my	CZE ze	DEU bd	DEU ho	DEU hw	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG mt	ENG px	ENG tg	FIN jt	FIN ks	FRA jj	HOL ft	HOL pl	HOL rb	IRL fo	SUI ps	SWE bn
12	320	6	5	3	3	10	4	1	5	2	4	4	3	4	3	5	5	5	3	3	6	2	1	2
1	320.2	1																						
10	321	4	3	3	1	8	2	1	3	2	3	4	2	3	2	2	4	4	2	4	6	2	1	
11	322	4	5	3	2	7	4	1	4	1	1	5	2	2	5	4	5	6	3	6	9	1	2	3
7	323	4	2	3	2	6	2	3	5	5	5	5	4	5	4	1	1	4	3	5	6	1	3	
8	324	5	2	2	1	7	3		4	1	1	2	1	3	4	3	3	3	1	3	6	1		3
13	325	6	6	5	2	9	6	1	4	4	5	5	3	4	4	6	5	5	5	3	7	2	1	3
11	326	4	3	3		9	4	1	2	2	2	4		3	5	2	7	4	2	4	5	1		2
8	327	4	3	3	3	6	5	2	5	5	4	6	3	5	3	3	5	6	3	5	6	1	1	1
8	328	3	1	3		5	1	3	4	3	3	4	2	3	4	2	2	4	2	4	4	2		1
1	328.5			1		1		1	1			1	1	1	1			1		1	1	1		
6	329	4	3	3	1	6	3	2	3	1	2	3	1	4	2	3	4	3	2	4	6	1		2



18	330	7	5	4	6	13	6	2	6	3	5	6	1	2	4	5	6	5	7	7	13		2	3
5	331	3	1	2	1	5	1	1	4	2	4	2	2	2	2			4	2	2	5	1		
1	331.5	1			1	1		1	1		1	1						1		1	1		1	
9	332	5	2	2	1	7	1	2	6	3	5	7	4	5	5	2	2	6	4	4	6	2	2	
1	332.5					1		1	1	1	1	1	1	1	1			1	1	1				
6	333	3	2	2		5	2		2		1	3		2	1	3	3	3		1	4	1		3
1	333.5	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	
10	334	4	4	4	2	7	4	2	5		3	4	2	3	4	5	4	4	2	2	7	3	1	1
<b>NDBs</b>	<b>kHz</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU ho</b>	<b>DEU hw</b>	<b>DEU mz</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG cy</b>	<b>ENG ds</b>	<b>ENG hh</b>	<b>ENG mt</b>	<b>ENG px</b>	<b>ENG tg</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FRA jj</b>	<b>HOL ft</b>	<b>HOL pl</b>	<b>HOL rb</b>	<b>IRL fo</b>	<b>SUI ps</b>	<b>SWE bn</b>

## MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

kHz	C/S	Location	Cou	Reporter	UTC
320.2	KR	(UNID)	XUE	<b>CZE my</b>	01:28
321	GK	Minsk	BLR	<b>DEU hw</b>	03:33
330	HC	Heringsdorf	DEU	<b>DEU hw</b>	17:13
321	ZAJ	Zanjan	IRN	<b>DEU hw</b>	23:22
325	OD	Bryansk	RUS	<b>DEU hw</b>	02:50
333	GFC	Statoil Gulfaks C	XOE	<b>DEU hw</b>	03:03
328	KIT	Kittila	FIN	<b>FIN ks</b>	16:19
326	DD	Ivanovo Yuzhny	RUS	<b>FIN ks</b>	16:23
320	RN	Rostov na Donu	RUS	<b>FIN ks</b>	18:13
327	XI	Torzhok	RUS	<b>FIN ks</b>	18:22
330	PM	Pechora	RUS	<b>FIN ks</b>	22:22
322	RP	Dashoguz	TKM	<b>FIN ks</b>	01:00
334	SAL	Salon de Provence	FRA	<b>FRA jj</b>	03:03
323	TU	Aktyubinsk	KAZ	<b>HOL pl</b>	04:13
325	NF	Nordfjordur	ISL	<b>HOL rb</b>	04:06
334	AR	Akureyri	ISL	<b>HOL rb</b>	04:07
322	MIO	Montijo	POR	<b>HOL rb</b>	03:07
328	IVR	Inverness	SCT	<b>IRL fo</b>	16:50
330	HN	Fjordhur Hornafirdi	ISL	<b>SWE bn</b>	19:14
325	NUT	Hemavan	SW	<b>SWE bn</b>	16:29

kHz	C/S	Location	Cou	Reporter	UTC
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## TABs

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

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE133 320 - 334.9 kHz 30 July - 2 Aug 2010  
**NOW:** CLE147 320 - 334.9 kHz 30 Sept - 3 Oct 2011

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		885		60		68		2242
ENG ag		571		14		25		1904
ENG cy		613		22		36		1989
ENG ds		753		38		51		2146
ENG mt		600		20		33		1642
ENG tg		840		46		55		2559
FIN jt		1069		50		47		2675
FIN ks		1063		61		57		3226
HOL ft		689		29		42		1739
SUI ps		525		8		16		1196
<b>Averages:</b>		761		35		43		2132

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 ze	704	746	27	36	38	48	1497	1583
DEU bd	654	756	25	36	38	47	1695	1561

DEU ho	351	604	2	16	7	27	659	1473
DEU hw	993	1020	107	116	108	114	5382	3409
DEU mz	747	861	24	42	32	49	1586	1737
ENG bk	809	781	49	52	61	66	2178	2126
ENG hh	668	885	26	60	39	68	1807	2122
ENG px	690	799	19	42	27	52	2135	2005
FRA jj	439	849	6	59	13	69	1856	2106
HOL pl	593	832	16	51	27	61	1908	3592
HOL rb	970	969	78	96	80	99	2985	2519
IRL fo	801	793	14	18	18	23	2035	1625
SWE bn	463	526	11	13	24	24	1834	1834
<b>Averages:</b>	683	802	31	49	39	57	2120	2130
<b>% Increase:</b>		17		57		46		0

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.

CLE147e5.xls  
bk 5 Oct 2011