

NDB LIST CLE No. 133 320 - 334.9 kHz 30 July - 2 Aug. 2010, midday-midday local time

**COMBINED RESULTS
EUROPE**

For overall statistics, please see the covering email.

Reporters:

CZE	jv	Jaroslav Tomek, Ostrava
CZE	ze	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	bd	Bernhard Hein, Dessau-Roßlau
DEU	db	Dietmar Birkhahn, Lindlar, 30km east of Cologne
DEU	eb	Eike Bierwith, Leipzig
DEU	ho	Joerg Hochheimer, Nr Frankfurt
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
DEU	mz	Matthias Zwoch, Arnsdorf, Nr.Dresden
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	me	Mike Thayne, Whitley Bay
ENG	px	Peter Greatorex, Bolsover, Derbyshire
ENG	py	Peter Conway, Hastings
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
FIN	te	Torre Ekblom, Ristiina
FRA	jj	Jean Jacquemin, Bethune, Merville, near Lille
HOL	pl	Pieter Lamers, Oosterhout, Noord Brabant
HOL	rb	Roelof Bakker, Middelburg, Zeeland
IRL	fo	Finbar O'Connor, Malin Head (Trawbreaga Bay)
NIR	ry	Robert Connolly, Kilkeel
SAR	gc	Giorgio Casu, San Gavino Monreale
SWE	bn	Bo Nensen, Hanabäckliden, Örnsköldsvik

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. 19 indicates logged between 19:00-19:59).

Cou	kHz	Call	Location	CZE jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn
AUT	327	LNZ	Linz Horsching	19	20	0		0		14	2	23	21	2	21	23	0			22	22	3	23		22	
AZR	331	SC	Santa Cruz Das Flores														2					3				
BEL	323	ONC	Charleroi		22	0	22		1	14	22	23	11	14	13	19	14			3	20	10	22			
BLR	321	GK	Minsk							22																
BUL	321	BU	Burgas	21	23					20							23					23			22	
CAN	326	FC	Fredericton, NB							2																
CZE	328	VRI	Vrchlabi		20					2																
DEU	320	HA	Hannover East		22	17	22	23		13	17	23			20		0				8	10				
DEU	321	GL	Berlin Tegel East		20	17	22	2		13	17	23					1									
DEU	323	GT	Hamburg North		2	15	0			13	17	23			1		0				23	0				
DEU	325	DP	Diepholtz		0	23	22			13	17	23	2		21		23				23	10				
DEU	327	LV	Kohn Bonn		20	1	22		0	14	2	23					16				22	10				
DEU	330	ABU	Altenburg Nobitz		22	17	22	2		13	17	23					0					2				
DEU	330	HC	Heringsdorf			2				13	17						0									
DEU	333	PI	Schwerin Parchim		0	17				13	17	23					0									
DEU	334	HDM	Coleman		2	1	22		12	20	0	23	2		21		0			2		2				
DNK	321	VO	Vojens Skrydstrup			1				19	17	23	13	1			23					10				
DNK	324	ML	Aarhus Tirstrup							13	17		2		21		23				23	10				
DNK	328	VJ	Stauning			23				21	17	23	20	1	16		22				23	10				
DNK	330	SB	Sonderborg			2				21	17						0					10				
DNK	334	FAU	Ronne Bornholm		0					14	17						0									
ENG	321	STM	Scilly Is. St. Marys							0			2				14									
ENG	322	LCY	London City										11	14		19	13				7	10				
ENG	323	SBL	Sherburn in Elmet							0			11	14	13	19	14					10				
ENG	325	OF	Filton										11	14		19	14					10				
ENG	327	TNL	Tatenhill							21			11	14		20	14					10				
ENG	328	BLK	Blackbushe										11	14		20	14					10				

ENG	328	CL	Carlisle				22			21	2		11	2	12	20	22					10	22	22		
ENG	331	GST	Gloucestershire							0	23		11	14		20	15					17	10			
ENG	332	SHM	Shoreham										11	14			15						10			
ENG	332.5	CAM	Cambridge							1	23		11	14	11	20	2				2	17	10			
ESP	321	ABT	Albacete											1		21	0						3			22
ESP	325	AST	Asturias							21			2	2			22						23			
ESP	328	HIG	San Sebastian							2			1	2	21	20	0						3	23	22	
ESP	330	LEN	Leon Virgen del Camir										21	2		22	0						2	23		
ESP	332	EAL	Almagro											2			2						3			
EST	329	IB	Tallinn		23	21		0		21	23	23	23	1	21		23	21	21			22	21			
FIN	322	KOR	Helsinki Korso	20	21					20	23		21		1		0	20	20				23			21
FIN	324	AS	Kemi Tornio							23			22		1		0	20	22			23	21			21
FIN	325	JOE	Joensuu							21	23	23	22				0	20	15				0			21
FIN	326	SUI	Tampere Suini							0							0	20	15							21
FIN	328	KIT	Kittila							23																
FIN	333	G	Kemi Tornio	21						22			22		0		0	21					23			
FIN	334	S	Kuopio							21								21	15							21
FRA	320	LSU	Limoges Bellegarde		21	21				20	23	23			20		14						2			
FRA	320	TY	Troyes Barberey		21		3			20	2	23	11	1	20	23	13				22	8	10			
FRA	320	VE	Valence Chabeuil							2																
FRA	321	ABY	Albert Bray					2		20	23		11	14	14	19	13				22	20	10			
FRA	322	ORS	Orleans							2			11	3			14				0	13	10			
FRA	322	RL	La Rochelle							3							18									
FRA	322	TLN	Hyerres Le Palyvestre		22		3			20							21						2			22
FRA	323	AB	Albi Le Sequestre							23																
FRA	324	MOU	Moulins							21			11													
FRA	326	LM	Le Mans							20			11				14									
FRA	327	MVC	Merville Calonne		23	2				13	18	23	11	14	13	23	14				2	20	10			
FRA	330	MB	Montbeliard							2							21									
FRA	331	TUR	Tours			21				20	22	23	11	2			15				2		10			
FRA	331.5	TLF	Toulouse Francazal			20				21		23	20		21	22	20						2			
FRA	332	LL	Lille Lesquin		0	2	0		2	22	22		11	14		20	15				19	20	10			
FRA	334	BGW	Paris Le Bourget							2	2		11				15						10			
FRA	334	SAL	Salon de Provence							3							22									
FRA	334	YN	La Roche sur Yon														15									
HNG	326	C	Debrecen			1				1	23															
HNG	329	HA	Budapest Ferihegy		21	2				1	1	23					22						0			

HOL	326	LLS	Lelystad			2	0			1	22		11				14				20	10					
HOL	330	SO	Eelde Groningen							21	17		11	2			2				17	10					
HOL	332	NV	Amsterdam Schiphol				22			22	22		11	2			2				20	10					
HRV	325	VG	Zagreb Velika Gorica		23					23																	
HRV	330	ZRA	Zadar Kakman		21	23	22			20	0				21	22	22					3				21	
IRL	321	CRN	Galway Carnmore							22			3				0						22	22			
IRL	326	RSH	Dublin Rush																				22				
IRL	330	NSM	Inishmaan Aran Is.										3		0		0					0					
IRL	334	GMN	Gormanston							22	2		2	3	11	20	0					2	22	22			
IRL	334	KER	Farranfore Kerry										3				23					22					
ISL	320	DO	Djupivogur							0	0		2	1			22				2	2	22				
ISL	325	NF	Nordfjordur																			2					
ITA	324	PTC	Salerno Pontecagnand																							22	
ITA	325	RCA	Reggio di Calabria		2	23				0	0	23			21	21	22					22					
ITA	330	SRN	Milano Saronno							2												10					
ITA	331	GRT	Grottaglie							20	0						22										
ITA	333.5	VOG	Voghera		0	1	0		2	21	23	23	2	20		22	22			1	21	2			22		
ITA	334	AME	Amendola														1										
JSY	329	JW	Jersey							22			11	18		20	15			2		10					
NIR	328.5	EGT	Londonderry Eglinton																			22					
NIR	332	OY	Belfast Aldergrove							22	23			2	11		0					22	22				
NOR	320	IL	Bodo Ilstad							22																	
NOR	324	HE	Notodden Heddal							0	23				1											21	
NOR	324	MS	Mosjoen							23																21	
NOR	326	FSK	Bodo Fauske																			23					
NOR	326	TO	Trondheim Malvik							23																	
NOR	329	NMS	Namsos							21	23	23	23		0	23	23				22	0	22			21	
NOR	334	OPA	Oslo Oppaker							21	23		2		22							23				21	
POL	322	GDN	Gdansk	19	20	0		0		15	19	23			20		23	22				2				21	
POL	326	KTW	Katowice Pyrzowice	19	23	19				1		23			22		23										
POR	322	MIO	Montijo														23					4					
POR	327	POR	Porto							2			2	2	21		1			22		3	22				
POR	332	FAR	Faro							0			2	3			2					3	23			21	
RUS	320	DM	Moscow Domodedovo							20							20										
SAR	331	DEC	Decimomannu							20							22					3				21	
SCT	328	IVR	Inverness							21													22	22			
SCT	331	GLW	Glasgow							22	21		2	2	12		1					2	22				

SCY	329	PRS	Palermo Punta Raisi							2						22								22		
SVK	330	OB	Bratislava Stefanik So	4	22	2				2	0	23				2										
SVN	328	KAM	Ljubljana Dolsko		21					23						23										
SVN	334	MR	Maribor	2	22	1	22	23		2		23	22	2	22		23				2					
SWE	320	OL	Lycksele							22											0				21	
SWE	322	OD	Ornskoldsvik							23							21				0				21	
SWE	322	OU	Stockholm Bromma		0	20				21	0	23					23								21	
SWE	324	ON	Norrkoping	20	0	20				21	23	23	1		1		0	21		23	23				21	
SWE	325	DH	Oskarshamn							21	2															
SWE	325	NUT	Hemavan																						21	
SWE	325	PG	Trollhattan Vanersborg		1					0	23		1		1		0				0					
SWE	326	KG	Kramfors Bjartra							23							20								21	
SWE	326	OG	Gavle Sandviken							0	23															
SWE	327	Y	Sveg							23	0		1		0			21			0				21	
SWE	328	DK	Vilhelmina							23	0		1		0		23	21			0				21	
SWE	329	VX	Vaxjo Kronoberg		1	23				21	19				0		0								21	
SWE	329	WU	Umea							23							21				23				21	
SWE	330	LNA	Lena Enkoping			22				23	0	23					21				0				21	
SWE	330	SKS	Karlstad							1	0		2		0		0			22	0				21	
SWE	333	LE	Vasteras Hasslo	21	0	0				21	22	23	2		0		0	21			0				21	
UKR	330	HR	Kharkov Osnova	20	0	20				21	0	23					0				0				21	
UKR	330	RD	Rovno	4						22																
UKR	334	VI	Verkhnie Vysotske		0	2				20	23															
WLS	320	CAE	Caernarfon							1	0			1	11							22				
WLS	323	WPL	Welshpool										3	2		19	3									
XOE	326	YW	Tyra West		0	0	22		0	14	17		11	14	13	20	14			20	10	22				
XOE	333	GFC	Statoil Gulfaks C							23	0		2			22	23				2					
XOE	333	SHO	Sean A										11				15				10					
XUE	329	M	(UNID)	4	0	2												15								
XUE	330	BER	(UNID)							2															22	
XUE	330	T	(UNID)	4	0																					
Cou	kHz	Call	Location	CZE jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn

COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.

Cou	Country	CZE jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn	
AUT	Austria	1	1	1		1		1	1	1	1	1	1	1			1		1	1	1		1		
AZR	Azores														1					1					
BEL	Belgium		1	1	1		1	1	1	1	1	1	1	1			1		1	1					
BLR	Belarus							1																	
BUL	Bulgaria	1	1					1							1					1				1	
CAN	Canada, NB							1																	
CZE	Czech Rep.		1					1																	
DEU	Germany		8	9	7	3	2	9	9	8	2		4		9			1	4	6					
DNK	Denmark		1	3				5	5	2	3	2	2		5				2	4					
ENG	England				1			6	3		10	9	3	8	10			1	3	9	1	1			
ESP	Spain							2			3	5	1	3	5					5	2	1		1	
EST	Estonia		1	1		1		1	1	1	1	1	1		1	1	1		1	1					
FIN	Finland	2	1					7	2	1	4		3		5	6	5		1	4					5
FRA	France		5	5	4		2	17	7	5	10	6	5	5	15			6	5	10				1	
HNG	Hungary		1	2				2	2	1					1					1					
HOL	Netherlands			1	2			3	3		3	2			3				3	3					
HRV	Croatia		2	1	1			2	1				1	1	1					1				1	
IRL	Ireland							2	1		4	1	2	1	4					2	3	3			
ISL	Iceland							1	1		1	1			1			1		2	1				
ITA	Italy		2	2	1		1	4	3	2	1	1	1	2	4			1	1	3				2	
JSY	Jersey							1			1	1		1	1			1		1					
NIR	Northern Ireland							1	1			1	1		1						2	1			
NOR	Norway							6	3	1	2		3	1	1				1	3	1				4
POL	Poland	2	2	2		1		2	1	2			2		2	1				1					1
POR	Portugal							2			2	2	1		3				1	3	2			1	
RUS	Russia (Eu)							1								1									
SAR	Sardinia							1							1					1				1	
SCT	Scotland							2	1		1	1	1		1					1	2	1			
SCY	Sicily							1							1									1	
SVK	Slovakia	1	1	1				1	1	1					1										
SVN	Slovenia	1	2	1	1	1		2		1	1	1		2						1					
SWE	Sweden	2	5	5				15	11	4	6		7		7	8			2	10					13
UKR	Ukraine	2	2	2				3	2	1					1					1					1
WLS	Wales							1	1		1	2	1	1	1						1				

XOE	Offshore		1	1	1		1	2	2		3	1	1	2	3				1	3	1			
XUE	UNID	2	2	1				1									1						1	
Cou	Country	CZE jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn

LISTENING TIMES:

This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	CZE jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn
00:00 - 00:59		13	5	5	3	2	10	14				8		27			1		14				
01:00 - 01:59		2	6			1	7	1		5	7	6		4			1						
02:00 - 02:59	1	3	9		2	3	13	7		15	14			7			6		14				
03:00 - 03:59				2			2			4	3			1			1		9				
04:00 - 04:59	4																		1				
05:00 - 05:59																							
06:00 - 06:59																							
07:00 - 07:59																		1					
08:00 - 08:59																		2					
09:00 - 09:59																							
10:00 - 10:59																			31				
11:00 - 11:59										25		4											
12:00 - 12:59						1						2											
13:00 - 13:59							9			1		4		3				1					
14:00 - 14:59							5				13	1		12									
15:00 - 15:59			1				1							8		4							
16:00 - 16:59												1		1									
17:00 - 17:59			4					14										3					

18:00 - 18:59								1			1			1										
19:00 - 19:59	3		1				1	2				6				1								
20:00 - 20:59	3	5	4				14			2	1	4	10	1	6	1		7						
21:00 - 21:59	3	6	3				21	1		3		10	2	2	10	1		1	2			3	24	
22:00 - 22:59		6	1	12			12	6		4		3	5	12	1	1	3							
23:00 - 23:59		5	5		2		14	17	32	2			4	15				6	8	4				
UTC (hh)	CZE jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn	

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 jv	CZE ze	DEU bd	DEU db	DEU eb	DEU ho	DEU hw	DEU je	DEU mz	ENG bk	ENG hh	ENG me	ENG px	ENG py	FIN ro	FIN te	FRA jj	HOL pl	HOL rb	IRL fo	NIR ry	SAR gc	SWE bn
9	320		3	2	2	1		9	5	3	2	3	4	1	4	1		2	2	5	2			1
8	321	1	2	2	2	1	1	7	3	2	4	3	1	2	7			1	1	4	1	1	2	
9	322	2	4	2	1	1		7	3	2	3	2	2	1	8	3	1	1	2	7			1	4
5	323		2	2	2		1	4	2	2	3	3	3	3	4			1	2	3	1			
7	324	1	1	1				6	3	1	4		4		3	2	1		3	3			1	4
10	325		4	2	1			7	5	3	5	2	3	2	6	1	1		1	7				2
12	326	1	2	4	2		1	10	4	1	3	1	2	1	5	2	1		2	3	1	1		2
6	327	1	3	3	1	1	1	6	4	3	5	4	4	3	5	1		2	4	6	2		1	1
9	328		2	1	1			8	3	1	5	4	4	3	6	1			1	5	3	3		1
1	328.5																				1			
8	329	1	4	4		1		7	4	3	3	2	3	2	6	2	2	1	2	5	1		1	3
16	330	4	5	7	2	1		13	9	4	4	2	3	2	11	1			2	10	1			3
6	331			1				5	4	1	3	3	1	1	6			1	1	5	1		1	
1	331.5			1				1		1	1		1	1	1					1				
6	332		1	1	2		1	4	3		4	6	1	1	6			1	2	5	2	1		1
1	332.5							1	1		1	1	1	1	1			1	1	1				
5	333	2	2	2				4	3	2	4		2	1	5	2				4				1
1	333.5		1	1	1		1	1	1	1	1	1		1	1			1	1	1			1	
12	334	1	4	3	2	1	1	9	6	2	6	2	4	1	9	1	1	1		5	2	1		2

MOBs

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

kHz	C/S	Location	Cou	Reporter	UTC
321	GK	Minsk	BLR	DEU hw	22:25
326	FC	Fredericton, NB	CAN	DEU hw	02:52
328	KIT	Kittila	FIN	DEU hw	23:31
320	VE	Valence Chabeuil	FRA	DEU hw	02:47
323	AB	Albi Le Sequestre	FRA	DEU hw	23:06
320	IL	Bodo Ilistad	NOR	DEU hw	22:39
326	TO	Trondheim Malvik	NOR	DEU hw	23:27
334	YN	La Roche sur Yon	FRA	ENG py	15:18
334	AME	Amendola	ITA	ENG py	01:20
325	NF	Nordfjordur	ISL	HOL rb	02:32
326	FSK	Bodo Fauske	NOR	HOL rb	23:10
328.5	EGT	Londonderry Eglinton	NIR	IRL fo	22:34
326	RSH	Dublin Rush	IRL	NIR ry	22:47
324	PTC	Salerno	ITA	SAR gc	22:06
325	NUT	Hemavan	SWE	SWE bn	21:37

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: CLE 114 320 - 334.9 kHz 20 - 23 Feb 2009

NOW: CLE 133 320 - 334.9 kHz 30 Jul - 2 Aug 2010

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 jv		801		10		12		1809
DEU bd		654		25		38		1695
DEU db		429		8		19		990
DEU eb		444		3		7		1187
DEU ho		351		2		7		659
ENG hh		668		26		39		1807
ENG px		690		19		27		2135
FIN te		244		1		6		492
HOL pl		593		16		27		1908
IRL fo		801		14		18		2035
NIR ry		321		2		7		1225
Averages:		545		12		19		1449

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	927	704	71	27	77	38	2382	1497
DEU hw	1131	993	135	107	119	108	4505	5382
DEU je	1134	745	102	47	90	63	5618	1843
DEU mz	977	747	64	24	66	32	3449	1586
ENG bk	956	809	76	49	80	61	3828	2178
ENG me	1116	994	52	43	47	43	2692	2290
ENG py	1155	957	129	90	112	94	7064	2763
FIN ro	683	461	20	8	29	17	1679	1032
FRA jj	924	439	63	6	68	13	2669	1854
HOL rb	1103	970	124	78	112	80	5543	2985
SAR gc	932	783	31	8	33	10	2962	1596
SWE bn	355	463	7	11	20	24	552	1834

Averages:	949	756	73	41	71	49	3579	2237
% Increase:		-20		-43		-32		-37

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 aerals, 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 aerals, 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.