

NDB LIST CLE No. 169 335 - 349.9 kHz 26 - 29 Apr. 2013, midday-midday local time

**COMBINED RESULTS
EUROPE**

For overall statistics, please see the covering email.

Reporters:

AUT	pc	Patrick Robic, Leibnitz
CZE	jv	Jaroslav Tomek, Ostrava
CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	bd	Bernhard Hein, Dessau-Roßlau
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	ag	Alan Gale, Whitworth, Lancashire
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	ds	David Atkins, Abbots Langley
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	me	Mike Thayne, Whitley Bay
ENG	px	Peter Greatorex, Bolsover, Derbyshire
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA	jj	Jean Jacquemin, Bethune, Merville, near Lille
HOL	rb	Roelof Bakker, Middelburg, Zeeland
HOL	z1	Dan Petersen (WA), University of Twente, Enschede
ITA	ti	Daniele Tincani, Livorno
SUI	ps	Peter Schleuss, Winterthur
SWE	bn	Bo Nensen, Hanabäckliden-Örnsköldsvik
SWE	gn	Goran Norstedt, Lomma, near Malmo

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@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. 00 indicates logged between 00:00-00:59 UTC).

Cou	kHz	Call	Location	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ro	FRA jj	HOL rb	HOL z1	ITA ti	SUI ps	SWE bn	SWE gn
ALG	342	OA	Algiers Houari Boumediene			00	23		01													01		
AZR	341	GP	Lajes																02					
BAL	344	MN	Menorca			01	23	01	23				01	22	03	22		01	22	20		22		23
BIH	340	BLK	Banja Luka	21	19	18	20	19	22	00	01		00	00	20	21		02	22			20		
CAN	339	YFT	Makkovik, NL																00					
CAN	340	YY	Mont Joli, QC						03			04							02					
COR	341	IS	Ajaccio Campo del Oro	22	22	00	00	22	01			03		23				01	22		23	19		
COR	349.5	SZA	Solenzara	21	20	01	22	23	02	00								22	22		00	19		23
CZE	345.5	CF	Caslav Chotusice		20	16	20	14	12	18		00		21	01			02	22	20		21		01
DEU	337	LHR	Lahr Schwarzwald			00	22	23	23	00	01			01	02				22	01		06		
DEU	338	MNW	Munchen			14	22	18	18	00	00				20				02	01		12		
DEU	339	HOS	Hamburg			01	23	18	12	17	21			03	11				22	01				05
DEU	340	ZIG	Leipzig			14	22	14	12	17	01								02					
DEU	341	ALG	Memmingen Allgäu			01	22	21	22													12		
DEU	343	SBN	Saarbrucken Ensheim			01	23	21	20	00	01			01	02	22		21	22	20		06		
DEU	344	CB	Cochstedt Schneidlingen			14	22	14	12	17	01			23	02			01	22	20				22
DEU	344	HN	Hohn			01	20	21	12	17	01	11		03	11	20			10	20				19
DEU	345	EMD	Emden						12	17									10	20				
DEU	349	KAS	Kassel Calden				22																	
DNK	339	SD	Sindal			01			19	00					02				02				20	
DNK	341	LO	Billund			00	00	01	12	17	01	10	00	23	11			01	10					20
DNK	346	AU	Stauning							00					11				00					
ENG	335	WCO	Westcott			01			21	00	14	11	22	12	12	11		03	09	00			20	
ENG	337	EX	Exeter			00			01		14	11	22	12	01	11		02	09					
ENG	338	FNY	Robin Hood Doncaster						01		15	11	22	12	12	11		01	09					
ENG	339	BIA	Bournemouth						01	01	15	11	23	12	01	14		01	09					
ENG	340	LSH	Lashenden (Headcorn)						01		15	11	23	12	11	11		03	10					
ENG	342.5	NWI	Norwich						01		15	11	00	12	12	12		21	10					
ENG	345	LUT	London Luton								15	11	01	13	12	11		21	10					
ENG	347	MTN	Manston						02		15	11	01	13	11	11		03	10					
ENG	347	NQY	Newquay			01			01		15	11	01	13	23	14			01					
ENG	347.5	TD	Teesside			00			01	23	15	11	02	13	12	12		02	10					
ENG	348	FOS	Fairoaks								15	11	02	13		11		02	10					
ENG	349.5	LPL	Liverpool						01		15	11	02	13	12	12			23					
ESP	335	L	Madrid Getafe								01				03				03					
ESP	340	PND	Valencia Pinedo				00	00	20		01			23	01				02					
ESP	340	SEO	Seo de Urgel										00						03					
ESP	342	VLD	Valladolid								01		01	01	02				04					
ESP	344	ARM	Armillia								01		01	23		22		01	01					
ESP	348	ZZA	Zaragoza											18	03				02					
FIN	336	M	Mikkeli				23										17						19	
FIN	337	KAJ	Kajaani		20	00	23	23	19	01	01	22		21	20	21	17		22				14	21
FIN	339	V	Kokkola Kruunupy						19	00					23		20		22				14	01

FIN	340	KAI	Utti Kaipi		22	00	21	22	19	01		21		21	21		17		01				20	00
FIN	340	KS	Kuusamo						23	01							19							00
FIN	341	POR	Pori			01	00	22	22	01	21	21	00	21	21	21	17	00	22	20		00	14	00
FIN	344	L	Kittila						00	01					01				22				20	
FIN	345	SUS	Kauhava Susi		20	01	00	23	21	00		21		21	21		17		02				14	21
FIN	346	MI	Mikkeli Korpikoski			00		23	02	00				22	00		17		00				20	00
FRA	335	MC	Montlucon Domerat						23	01				00					22					
FRA	338	GU	Brest Guipavas									11		00										
FRA	338	NC	Nice Cote d'Azur			01	20	23	23	00												22		
FRA	339	FG	Montpellier Mediterranee			01		23	01	00	01											22		
FRA	339	GI	Amiens Glisy									10							03	09				
FRA	339	NE	Nancy Essey				20	01	19				23	03	01				01	09		16		
FRA	341	AMB	Amboise						01			11	00	21	02				21	10				
FRA	341	BZ	Biarritz			00				01	03	23	00	23										
FRA	342	VA	Vannes Meucon			01					21	11	00	21	02				00					
FRA	343	AR	Aurillac					01	01	00	01											22		
FRA	343	MS	Marseille Provence			01			01	00												00		
FRA	344	TR	Villefranche Tarare			01			01	01	02	23			01				01			21		
FRA	345	CS	Carcassonne			00		21	01	00	03											00		
FRA	345	LN	Lannion								03	11												
FRA	346	CH	Chambery Aix les Bains			01		23	01	00												21		
FRA	346	LHO	Le Havre Octeville			01		02	01	01	15	11	01	13	11	11			03	10				
FRA	347	CVT	Chalons Vatry			02	00	23	01	01		10			11				03	10	00	01		00
FRA	348	CL	Cahors Lalbenque			00		01	01	00	21										00			
FRA	348	SCL	Apt St Christol			00		23	01	01					23				22			00		
FRA	349	RS	Rennes St Jacques			00			01			11	02	22	02				02					
FRO	337	MY	Myggenaes		20	00	23	22	23	00	01	21	22	21	11				23	22	01			
FRO	348	VG	Vagar			02			01					23	23					00				
GRC	345	THS	Thessaloniki Makedonia			01			21															
HNG	335	BL	Budapest Ferihegy			14	22	22	19	00	21				00									
HNG	343	A	Budapest Ferihegy			01	22		21	00														
HNG	346	Y	Nyiregyhaza				00																	
HNG	348	SVR	Sagvar	21	20	02	21	20	01	20	21			21	23	19			01	22	00	21		
HRV	344	VAR	Varazdin	21		01	23	21	21						00									
HRV	348	ZK	Zadar			01	00	01	02	01														
IRL	339	OL	Shannon								03		00	00	01				02	02				
IRN	341	BUZ	Bushehr						21															
ISL	340	GJ	Gjogur												02					02				
ISL	345	HL	Vestmannaeyjar Helgafell								03			00	02	22				01				
ISL	348	HA	Vopnafjordhur Hofsa			01			02					23	02					01				
ITA	340	FOG	Foggia	21	21		23		01						01					22				
ITA	342	PES	Pescara				23	22	01	00					01	22				22				
ITA	343	FER	Ferrara			01	22		01	23	02	00		01	21					22		01		
ITA	343	GRA	Grazzanise			01	23	23	00	22	01	23								22		00		
ITA	345	FW	Roma Fiumicino				23																	
ITA	345	TZO	Trezzo sull'Adda for Milano			01	20	22	01	00	02	01		01	01	22			01					
LTU	343	KUS	Kaunas Karmelava		20	18	21	20	01	18	21	22	01	21	21	20	19		22			20	20	00

LUX	346	WLU	Luxembourg			02	23	22	12	19	21	22	01	13	22	19		03	10	20		12		23
MDR	338	PST	Porto Santo								01	03	23	22	01				02					
MNE	345	TAZ	Tivat			01	20	21		02														
MRC	345	CSD	Daouarat											23										
NOR	335	LR	Mosjoen Laksfors						21	00									22				14	
NOR	336	BTA	Bergen Flesland Bratta			01	00	01	23	02	00	20	02	22	12			00	22				19	
NOR	336	RS	Roros			00			00	01		21			01				02				14	
NOR	338	RST	Rost						20	00					22				22					
NOR	339	LS	Forde Langeneset						22	02				23	23				23					
NOR	342	LL	Leirin Fagernes	20		01	20	22	20	01	01	21		21	21	20	21	01	22			02	20	22
NOR	345	BN	Kristiansand Birkeland			01	23	22	21	19				22	21			01	10					20
NOR	345	FT	Forde Fleten					01	02	02				00					02					
NOR	345	STM	Strommen Mo I Rana						00	00		23			01								20	00
NOR	348	SAD	Leknes Sandsund			02		01	01	01		21	02	21	23			23	22					00
NOR	349	TAR	Orland Tarva			00	00	01	01	10		22	02	21	23	22		00	22				14	
POL	341.5	JAS	Rzeszow Jasionka	20		01	23	23	23	23							19					01		
POL	345	NB	Malbork	20		01	23		00	19					01									
ROU	349	OPE	Bucharest Otopeni				22	00	01	23														
RUS	335	FV	Venev						01														19	
RUS	345	PW	Syktyvkar														20						20	
SAR	337	AH	Alghero	20		00	23	23	01	01		00							22		22	22		
SCT	341	EDN	Edinburgh						01	00	01			03	12				02					
SCT	344	WCK	Wick			01		01	00	01			03	00	12									
SCT	348	ATF	Aberdeen Dyce			00			01	01				00	12	11			10					
SCY	335	PAN	Pantelleria			00	23	19	23	21		22		23				00	22					
SRB	337	VRN	Vranje	21	20	00	23	23	20	00									02			00		
SRB	348	TPL	Topola	21	20	02	21	20	01	18	02	00	01	22	22		20	00	22	20	00	19	20	
SUI	335	BER	Bern Belp			00	22	02	21	00					00					00		12		
SWE	335	NAK	Stockholm Bromma Nacka				23																	
SWE	336	LT	Halmstad			02	23	23	12	19	01	21			01			01	22				19	20
SWE	338	OA	Jonkoping	20		00	22	23	19	19	01	21		00	01		21	01	22	01		00	20	20
SWE	341	NKS	Karlstad			00		01	22	00	01	21			02		20						20	23
SWE	342	SL	Goteborg Landvetter			02	22		19	00													20	
SWE	342	SUT	Hemavan																				20	
SWE	346	GS	Gavle Sandviken			01		01	01			21	01	22	21		19	01					14	21
SWE	346	TG	Gallivare																				20	
SWE	348	GUN	Storuman Gunnam																				14	
SWE	348	WA	Stockholm Arlanda	20			00	23	01	01	02				23		20		02				14	
SWE	349	JX	Vaxjo Kronoberg			02	22	20	01	19	01				01			01	02	00			20	20
TUR	347	SAB	Sabiha Gokcen						01															
UKR	335	DP	Dnepropetrovsk						19															
UKR	335	DR	Dnepropetrovsk						23															
UKR	348	OD	Odesa						20															
UKR	348	OE	Odesa						01															
WLS	340	HAW	Hawarden						21	02	15	11	23	12	12	11		02	10					
XOE	337.5	GNT	Gannet A												10									
XOE	340	HEI	Heidrun			01	00		22	00		21	00	21	21			00	22				20	

SWE	Sweden		2	6	6	6	7	6	5	4	1	2	6		4	4	4	2		1	10	5
TUR	Turkey					1																
UKR	Ukraine					4																
WLS	Wales					1	1	1	1	1	1	1	1	1		1	1					
XOE	Offshore - Europe			1	1		3	2		1	1	4				1	2				1	
XUE	UNID								1	1		1		1			1					
Cou	Country	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ro	FRA jj	HOL rb	HOL z1	ITA ti	SUI ps	SWE bn	SWE gn

LISTENING TIMES:

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

UTC (hh)	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ro	FRA jj	HOL rb	HOL z1	ITA ti	SUI ps	SWE bn	SWE gn	
00:00 - 00:59			24	12	2	6	32	2	4	10	9	4			7	4	6	4	5		8	
01:00 - 01:59			35		13	44	20	23	1	11	5	18			17	5	5		4		2	
02:00 - 02:59			9		2	6	5	5		7		12			8	17			1			
03:00 - 03:59						1		5	2	1	4	3			7	2						
04:00 - 04:59									1							1						
05:00 - 05:59																					1	
06:00 - 06:59																			2			
07:00 - 07:59																						
08:00 - 08:59																						
09:00 - 09:59																6						
10:00 - 10:59							1		3			3				18						
11:00 - 11:59									21			9	11									
12:00 - 12:59						9					7	11	3						4			
13:00 - 13:59											9											
14:00 - 14:59			4		3			2					2							10		
15:00 - 15:59								13														
16:00 - 16:59			1																1			
17:00 - 17:59							6							6								
18:00 - 18:59			2		2	1	4				1											
19:00 - 19:59		1			2	9	6						2	4						3	4	1
20:00 - 20:59		15		8	4	6	1		1			3	3	5			9		2	17	5	
21:00 - 21:59	7	1		4	6	10	1	8	13		14	9	3	2	4				4		3	
22:00 - 22:59	1	2		15	10	6	1		5	4	8	3	7	2	1	34		1	5		2	
23:00 - 23:59				21	17	10	4		4	5	11	9			2	2		1			4	
UTC (hh)	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ro	FRA jj	HOL rb	HOL z1	ITA ti	SUI ps	SWE bn	SWE gn	

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	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ro	FRA jj	HOL rb	HOL z1	ITA ti	SUI ps	SWE bn	SWE gn
11	335			4	4	3	9	6	3	2	1	3	4	1		2	5	2		1	3	
4	336			3	3	2	3	3	2	3	1	1	3		1	2	3				4	1
6	337	1	4	6	5	5	6	5	4	4	2	4	4	2	1	2	6	2	1	3	1	1
1	337.5												1									
7	338		1	3	3	3	5	4	4	4	2	4	5	1	1	2	5	2		3	1	1
10	339			3	2	3	7	6	4	3	3	5	7	1	1	4	9	1		2	2	2
12	340	2	3	4	6	4	10	6	5	5	5	6	8	3	2	4	11			1	2	2
10	341	1	1	6	4	5	8	5	5	6	4	6	5	1	2	4	6	1	1	3	2	3
1	341.5		1	1	1	1	1	1							1					1		
7	342		1	4	4	2	4	3	3	2	2	3	4	2	1	2	3			2	3	1
1	342.5						1		1	1	1	1	1	1		1	1					
7	343		1	6	5	4	7	7	5	3	1	3	3	2	1	1	4	1	1	5	1	1
8	344	1		6	4	5	7	5	4	2	3	5	7	3		4	5	3		2	1	3
16	345		2	7	6	6	9	9	5	5	1	7	7	3	2	3	6	1		1	3	3
1	345.5		1	1	1	1	1	1		1		1	1			1	1	1		1		1
8	346			5	2	5	5	5	2	3	3	4	5	2	2	3	4	1		2	3	3
4	347			2	1	1	4	1	2	3	2	2	3	2		2	3	1		1		1
1	347.5			1			1	1	1	1	1	1	1	1		1	1					
15	348	2	3	9	4	7	12	8	5	3	3	8	9	3	2	4	10	3	2	2	3	1
8	349			3	4	3	6	4	2	3	2	3	5	2		3	4	1			2	1
2	349.5	1	1	1	1	1	2	1	1	1	1	1	1	1		1	2		1	1		1
NDBs	kHz	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ro	FRA jj	HOL rb	HOL z1	ITA ti	SUI ps	SWE bn	SWE gn

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
349	KAS	Kassel Calden	DEU	CZE ze	22:35
346	Y	Nyiregyhaza	HNG	CZE ze	00:22
345	FW	Roma Fiumicino	ITA	CZE ze	23:16
335	NAK	Stockholm Bromma Nacka	SWE	CZE ze	23:57
341	BUZ	Bushehr	IRN	DEU hw	21:48
347	SAB	Sabiha Gokcen	TUR	DEU hw	01:22
348	OE	Odesa	UKR	DEU hw	01:17
335	DP	Dnepropetrovsk	UKR	DEU hw	19:01
348	OD	Odesa	UKR	DEU hw	20:53
335	DR	Dnepropetrovsk	UKR	DEU hw	23:46
345	CSD	Daouarat	MRC	ENG hh	23:56
337.5	GNI	Gannet A	XOE	ENG me	10:51
341	GP	Lajes	AZR	HOL rb	02:30
339	YFT	Makkovik, NL	CAN	HOL rb	00:26
348	GUN	Storuman Gunnam	SWE	SWE bn	14:24
342	SUT	Hemavan	SWE	SWE bn	20:15
346	TG	Gallivare	SWE	SWE bn	20:37

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: CLE149 335 - 349.9 kHz 25 - 28 Nov 2012
 NOW: CLE169 335 - 349.9 kHz 26 - 29 Apr 2013

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
DEU je		958		78		81		1885
FIN ro		632		11		17		2050
HOL z1		692		14		20		1394
ITA ti		403		2		6		833
SWE gn		792		21		26		1879
Averages:		695		25		30		1608

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
AUT pc	591	472	6	4	11	8	973	774
CZE jv	1067	977	39	19	37	19	1902	2088
CZE my	974	1000	75	75	77	75	2032	2409
CZE ze	885	902	49	54	55	60	1870	1870
DEU bd	886	935	51	57	58	61	1672	1807
DEU hw	1234	1100	163	119	132	108	5428	5305
ENG ag	930	978	31	56	33	57	4481	2550
ENG bk	1011	1027	81	55	80	54	4694	4694
ENG ds	744	814	31	31	41	38	2440	2440
ENG hh	971	1010	69	68	71	67	4575	2481
ENG me	1103	1066	86	90	78	84	4471	2707
ENG px	842	808	46	24	55	30	2543	2038
FRA jj	924	812	61	37	66	46	4922	2028
HOL rb	1091	1123	116	99	106	88	5846	4934
SUI ps	500	670	8	21	16	31	1352	1759
SWE bn	544	664	20	21	37	31	1158	2135
Averages:	893	897	58	52	60	54	3147	2626
% Increase:		0		-11		-10		-17

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.