

NDB LIST CLE No. 211 385 - 399.9 kHz 23 - 26 Sept 2016, midday-midday local time

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

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	hh	Brian Heath, Stapleton, Leicestershire
ENG	mt	Mike Trodd, Yapton, near Arundel, W Sussex
ENG	px	Peter Greatorex, Bolsover, Derbyshire
FIN	jt	Jarno Fält, Tampere
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA	ea	Eric Angevin, Kercabellec
FRA	jj	Jean Jacquemin, Trepied, near Le Touquet
HOL	rb	Roelof Bakker, Middelburg, Zeeland
NOR	G5	Geir Laastad, While at Sandbu, Treungen (Telemark)

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. 01 indicates logged between 01:00 - 01:59 UTC).

Cou	kHz	Call	Location	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5
ALG	397	CNE	Constantine Mohamed Boudiaf.															20		
BAL	394	IZA	Ibiza	01	21	00	02		04			00			02		00	04	02	
BEL	386.5	SLV	Spa La Sauveniere	01	01	19	18		03	22	22		19	02				22	10	02
BEL	399.5	ONO	Oostende	21	21	17	19		00	11	22	19	16	03	20		23	04	11	23
BIH	397	LU	Banja Luka	00	21		03													
CAN	390	JT	Stephenville, NL	02			01		03	01							05	04	02	
CAN	392	ML	Charlevoix, QC				04			02									02	
CAN	396	JC	Rigolet, NL				02		04	01									02	
CNR	389	BX	La Palma								23	00	22				02		02	
CNR	397	FV	Fuerteventura														02			
COR	387	CT	Ajaccio Campo dell'Oro.	01	00	19	03											23		
CZE	386	RAK	Rakovnik	18	19	14	16	01		21	22			17	02			23	18	00
DEU	387	SLT	Sylt Westerland	01	23		18	21			23		22	01	17			04	10	
DEU	392	RW	Berlin Tegel West	19	19	14	16	19	22		22		21	17	17			04	19	00
DEU	394	LYE	Lubeck Blankensee	19	19	17	16	21	03	18	22		21	17	17			04	19	01
DEU	399	TST	Wiesbaden? (testing)	20	20	16	19		04	02	22			02	01			23	01	02
DNK	395	GE	Billund	00	00	18	16	01		02	00			02	19	20		04	11	01
DNK	398	GL	Aalborg	21	21	19	16		00	21	22		20	22	18			04	19	02
ENG	385	WL	Barrow Walney Is				02		23	11	22	19	16		01		04	04	10	23
ENG	386	BZ	Brize Norton				02		23	11	18	21	16		00		02	16	10	23
ENG	391.5	EAS	Southampton Eastleigh				02		00	11	00	22	16				22	04	10	
ENG	393	EMW	East Midlands				01		03	11	22		16						10	
ENG	395	S	*(Non-NDB) BC control signal?						04			07								
ENG	397	LZD	Lydd				19			11	18	22	16					04	11	
ESP	387	AV	Asturias Aviles				02		20	22	22	21	22				15	04	02	

HNG	386	PTB	Pusztaszabolcs	18	19	17	18	19	23		22	22	17	20			23	18		
HNG	390	SAG	Sajohidveg	20	18	18	18	01	23		00	22	17	21			20	02	01	
HOL	386	STD	Stad aan het Haringvliet	00			19		03	11	22	21	19		02		01	04	10	
HOL	388.5	CH	Amsterdam Schiphol	00	21	01	19	22	03	11	18	20	16		19		01	16	10	01
HOL	395	OA	Amsterdam Schiphol	01	00		18			11	21		21					04	11	
HOL	397	EHN	Eindhoven	20	21	18	16		21	11	22							20	11	00
HRV	385	BO	Zadar Bokanjac	17	22		20				21						01	20	20	
HRV	397	CV	Dubrovnik Cavtat	20	22	20	19				21			22	02		01	20	03	
IRL	387	CML	Clonmel				02		23	01	18		22				00	20	02	02
IRL	395	FOY	Foynes for Shannon				02		04	21	18	22	20				02	04	02	
IRL	397	OP	Dublin				02		00	10	18	22	16				23		01	02
IRL	398	OK	Connaught				02		00	02	22		19				02	20	02	
IRN	385	MSD	Mashhad				01							01						
IRN	393	RST	Rasht				21							17	17	19			23	
IRN	395	TBS	Tabas	00			21							16	17	19			23	
ISL	387	NB	Akureyri Botn				01												01	
ISL	392	KF	Keflavik				02		00		22							04	03	
ITA	386	LNE	Milano Linate (MI)	18	22	18	18	19	21	22	18	21	19	02	02		22	04	18	01
ITA	390	AVI	Aviano (PN)	18	19	17	18		03	22	22	20	21	21	00		22	04	19	00
ITA	392.5	TOP	Torino Poirino (TO)	19	19	18	18		00	21	22	21		22	01		23	04	19	
ITA	396	RON	Ronchi dei Legionari (GO)	19	19	17	18		22	02	18		21	22	19		00	04	19	01
ITA	398	PRU	Perugia San Egidio (PG)	20	21	17	18		00	02	22		20	17	03		23	04	19	
LBY	390	OV	Nafoora M4				22													
LBY	392	LAB	Labraq El Beida	00			03								01					
LTU	385	AVN	Vilnius	20	18	19	18	21	21		01		21	17	17	19		22	02	23
MLT	395	MLT	Malta	00	01	19	19		01		01	22		23	22		02	23	19	
MRC	390	KNT	Kenitra						04									04		
NOR	386	HK	Hasvik												23	19				
NOR	389	HN	Orsta Volda Hovden	01	20	00	18	00	23	21	00		22	22	20	18		04		00
NOR	393	TAT	Molde Tautra	00	23	21	18	19	00	02	22	22	23	17	01	18	02	04	19	00
NOR	396	FS	Harstad Fjellstad												20	19				
NOR	396	YG	Rygge Enge	20	19	21	18	19	00	21	18	22	20	02	21	18		04	19	01
NOR	399	BV	Berlevag											17						
ORK	395	KW	Kirkwall	00			02		00	23			23		19			04	11	01
POL	385	NWT	Leczyca (miskeys 'NJ')	17	18	16	16	19	23	22	22	21	22	17	17	18	04	04	18	23

POL	388	BDG	Bydgoszcz Szwederowo	18	19	16	16	19	03		22		22	17	17	18	02	04	18	23
POL	397	OL	Szczecin Goleniow	19	18	18	16	19						02	17			20		02
POR	389	CP	Lisbon Caparica	00	01	20	02	01	23	21	22	21	18	02	21		02	04	19	01
PTR	391	DDP	San Juan Dorado				02		03	02	23						02	04	02	
RUS	387	MA	Levashovo (Kasimovo).				18				18			16	11	17				
SCT	394	DND	Dundee	01	01		01		00	21	22	22	20		19			04		01
SCT	395	LAY	Islay				02		21		23		20				01			
SCT	399	NGY	New Galloway	00			19		00	21	22	23	16				23	04	19	02
SRB	387	AD	Kraljevo	01			01				00	00		01						
SRB	390	VAL	Valjevo	18	18	19	02	19	23		18		22	21	17	19	23	04	18	
SVK	391	OKR	Bratislava Stefanik	19	19	16	16	01	03	18	18	00	21	17	17	19	23	04	19	00
SVN	388	PZ	Portoroz	20	20	17	02	01	01					23			03	23	20	
SWE	388	COR	Corner for Bromma	18	21	18	18	00	23	21	22	00	22	16	17	18		04	19	00
SWE	390	PAJ	Pajala											17	17	17			01	
SWE	390	SS	Skovde	01		01	18							01	22					00
SWE	393	AB	Hagfors	01			02							17	01				01	01
SWE	394	NB	Stockholm Bromma	19	19	21	18			21	00			16	17	18			02	01
SWE	397	LM	Borlange Rommehed	00		03	02							17	17	17				01
SWE	397	NF	Falkoping	01																
SWE	398	PEO	Stockholm Skavsta	00	20	20	18			21	22			02	17	17			19	02
SWE	399	FM	Trollhattan Vanersborg	21	21	01	18		00	22	22		20	03	17	18		20	19	02
XUE	394	RAS	(UNID) Ras Mishab, ARS?				20								23					
XUE	397	XR	(UNID)													19				
Cou	kHz	Call	Location	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5

* The strange 'S' signal logged by Mike and Alan around 395 kHz is suspected to be the harmonic of a control signal transmitted as part of the BBC Radio 4 signals on 198 kHz. Although probably not an NDB, it is included for completeness in most of these CLE results.

COUNTRIES HEARD:

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

Cou	Country	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5
ALG	Algeria															1		
BAL	Balearic Is.	1	1	1	1		1			1			1		1	1	1	
BEL	Belgium	2	2	2	2		2	2	2	1	2	2	1		1	2	2	2
BIH	Bosnia-Herzegovina	1	1		1													
CAN	Canada NL	1			2		2	2							1	1	2	
CAN	Canada QC				1			1									1	
CNR	Canary Is.								1	1	1				2		1	
COR	Corsica	1	1	1	1											1		
CZE	Czech Rep.	1	1	1	1	1		1	1			1	1			1	1	1
DEU	Germany	4	4	3	4	3	3	2	4		3	4	4			4	4	3
DNK	Denmark	2	2	2	2	1	1	2	2		1	2	2	1		2	2	2
ENG	England				5		5	5	5	5	5		2		3	4	5	2
ESP	Spain		1	1	4		4	4	4	4	4				4	4	4	
EST	Estonia	2	2	2	2	1	1	1	1	1	1	2	2	2		1	1	2
FIN	Finland	3	3	3	3	1	2	3	3	1	3	3	3	3		3	3	3
FRA	France	16	13	13	22	1	16	19	16	17	16	2	7		22	22	22	4
GRL	Greenland	1			1												1	
HNG	Hungary	2	2	2	2	2	2		2		2	2	2			2	2	1
HOL	Netherlands	4	3	2	4	1	3	4	4	2	3		2		1	4	4	2
HRV	Croatia	2	2	1	2				2			1	1		2	2	2	
IRL	Ireland				4		4	4	4	2	4				4	3	4	2
IRN	Iran	1			3							3	2	2			2	
ISL	Iceland				2		1		1							1	2	
ITA	Italy	5	5	5	5	1	5	5	5	3	4	5	5		5	5	5	3
LBY	Libya	1			2								1					
LTU	Lithuania	1	1	1	1	1	1		1		1	1	1	1		1	1	1
MLT	Malta	1	1	1	1		1		1	1		1	1		1	1	1	
MRC	Morocco						1									1		
NOR	Norway	3	3	3	3	3	3	3	3	2	3	4	5	5	1	3	2	3
ORK	Orkney Is.	1			1		1	1			1		1			1	1	1
POL	Poland	3	3	3	3	3	2	1	2	1	2	3	3	2	2	3	2	3
POR	Portugal	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1

PTR	Puerto Rico				1		1	1							1	1	1	
RUS	Russia (Eu)				1			1				1	1	1				
SCT	Scotland	2	1		3		3	2	3	2	3		1		2	2	1	2
SRB	Serbia	2	1	1	2	1	1		2	1	1	2	1	1	1	1	1	
SVK	Slovakia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SVN	Slovenia	1	1	1	1	1	1					1			1	1	1	
SWE	Sweden	8	4	6	7	1	2	4	4	1	2	8	8	6		2	6	7
XUE	(UNID)				1								1	1				
Cou	Country	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5

LISTENING TIMES:

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

UTC (hh)	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5
00:00 - 00:59	24	4	3		2	22		7	6			2		14		1	13
01:00 - 01:59	15	7	5	9	6	2	4	3			4	7		4		5	15
02:00 - 02:59	1	2	4	26			10				9	9		11		23	10
03:00 - 03:59			1	10		13	1				2	2		2		4	
04:00 - 04:59			1	2		11								4	56		
05:00 - 05:59														1			
06:00 - 06:59														1			
07:00 - 07:59									3								
08:00 - 08:59																	
09:00 - 09:59																	
10:00 - 10:59							2										13
11:00 - 11:59							18					4					6
12:00 - 12:59																	
13:00 - 13:59																	
14:00 - 14:59			2											1			

15:00 - 15:59															1			
16:00 - 16:59			4	10				1			12	9		5		4		
17:00 - 17:59	2		10									16	19	4				
18:00 - 18:59	7	5	9	29			3	12		2			2	8	1		8	
19:00 - 19:59	9	13	10	12	9			6	3	8			5	8			22	
20:00 - 20:59	11	5	5	2		2	1		2	11			4	1		10	4	
21:00 - 21:59	5	13	3	2	6	4	18	5	13	13		2	3					
22:00 - 22:59		7		1	1	2	9	38	17	14		5	2		3	3	2	
23:00 - 23:59		4				15	2	6	4	4		3	2		14	10	2	8
UTC (hh)	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5	
Totals:	74	60	57	103	24	71	69	77	48	64	50	61	26	57	83	90	46	
						(-1)			(-1)									

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 hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5
7	385	4	4	3	6	2	3	3	4	4	3	3	4	2	5	6	6	3
7	386	5	4	4	6	4	5	5	6	4	5	4	7	2	2	6	6	4
1	386.5	1	1	1	1		1	1	1		1	1				1	1	1
10	387	5	3	3	10	1	5	4	8	4	6	4	3	1	5	7	6	3
6	388	5	5	5	5	3	3	4	4	4	5	4	3	3	4	6	6	3
1	388.5	1	1	1	1	1	1	1	1	1	1		1		1	1	1	1
5	389	3	4	4	4	2	4	4	5	4	5	2	2	1	4	4	4	2
9	390	5	3	4	7	2	6	3	4	2	4	5	6	2	4	6	6	3
1	390.5	1	1	1	1		1	1	1	1		1	1		1	1	1	
4	391	3	2	2	4	1	4	4	4	2	3	1	3	1	4	4	4	2
1	391.5				1		1	1	1	1	1				1	1	1	
6	392	4	3	2	6	2	4	3	4	1	3	2	3	1	1	4	5	3
1	392.5	1	1	1	1		1	1	1	1		1	1		1	1	1	

6	393	4	1	2	6	1	4	4	3	3	3	3	3	2	2	3	6	2
6	394	5	5	4	6	1	4	4	4	3	3	2	6	1	2	4	4	3
11	395	7	5	4	10	1	7	6	7	5	6	3	4	2	6	8	9	2
6	396	3	2	2	4	1	3	4	2	1	2	2	3	2	2	3	5	2
16	397	8	6	6	11	1	3	4	5	2	3	4	4	3	5	6	5	5
8	398	5	6	5	8	1	6	7	7	2	6	4	4	2	4	6	8	3
5	399	3	2	2	4		4	4	4	2	3	3	2	1	2	4	4	3
1	399.5	1	1	1	1		1	1	1	1	1	1	1		1	1	1	1
NDBs	kHz	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG mt	ENG px	FIN jt	FIN ks	FIN ro	FRA ea	FRA jj	HOL rb	NOR G5

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
397	NF	Falkoping	SWE	CZE my	01:46
397	ZR	Beziers Vias	FRA	DEU hw	03:40
390	UV	Natoora M4	LBY	DEU hw	22:08
399	BV	Benevåg	NOR	FIN jt	17:53
397	XR	(UNID)	XOE	FIN ro	19:38
397	FV	Fuerteventura	CNR	FRA ea	02:36
397	PO	Pau Pyrenees	FRA	FRA ea	06:08
397	CNE	Constantine Mohamed Boudiaf.	ALG	FRA jj	20:43

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: CLE194 385 - 399.9 kHz 22 - 25 May 2015
 NOW: CLE211 385 - 399.9 kHz 23 - 26 Sept 2016

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		771		18		24		2222
ENG ag		1162		82		71		6679
FIN jt		1393		70		50		3881
FIN ks		1516		91		60		3714
FRA ea		1001		57		57		6562
Averages:		1169		64		52		4612

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	957	1041	58	77	61	74	2013	5058
CZE ze	966	914	64	55	66	60	2334	2334
DEU bd	981	884	67	50	68	57	2260	2215
DEU hw	1062	1279	103	131	97	102	4730	7522
ENG bk	861	1039	59	72	68	69	2042	6761
ENG hh	1162	1088	105	84	90	77	6714	6714
ENG mt	623	835	17	40	28	48	1513	2859
ENG px	921	939	36	60	39	64	1948	3053
FIN ro	727	1018	9	25	12	25	2136	3863
FRA jj	766	998	29	83	38	83	1687	6893
HOL rb	1115	1186	110	107	99	90	7039	7039
NOR g5	891	896	37	41	41	46	1980	2591

Averages:	919	1010	58	69	59	66	3033	4742
% Increase:		10		19		12		56

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.