

NDB LIST CLE No. 198 320 - 334.9 kHz 18 - 21 Sept. 2015, 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	hw	Hartmut Wolff, Near Wolfsburg
ENG	ag	Alan Gale, Whitworth, Lancashire
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	re	Ray Evans, Bolsover, Derbyshire
FIN	jt	Jarno Fält, Tampere
FRA	ea	Eric Angevin, Kercabellec
FRA	jj	Jean Jacquemin, Trepied, near Le Touquet
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	wb	William G Buchanan, Alessandria
NOR	g5	Geir Laastad, While at Sandbu, Treungen (Telemark)
SUI	ps	Peter Schleuss, Winterthur

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. 18 indicates logged between 18:00-18:59 UTC).

Cou	kHz	Call	Location	CZE my	CZE ze	DEU hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps
ALG	331	HRM	Hassi R Mel Tilrempt											23					
AUT	327	LNZ	Linz Horsching	18	19	17	21	21	20	04	20	20	00		20	00	21		10
AZR	331	SC	Santa Cruz das Flores											03		03			
BEL	323	ONC	Charleroi Gosselies	00		20		11	16	01		21		02	20	10			
BUL	321	BU	Burgas	00	21	20													
DEU	320	HA	Hannover East		19														
DEU	321	GL	Berlin Tegel East	00	19	17			20	02		22	19			23		02	18
DEU	323	GT	Hamburg North	19	22	17		21	20	02		19	00			23			
DEU	325	DP	Diepholz		23	04		4		04									
DEU	327	LV	Kohn Bonn	00	19	20			22	04		22				00			
DEU	330	ABU	Altenburg Nobitz	19	19	17	02	21	23	04		21				00		23	
DEU	330	HC	Heringsdorf		23	19													
DEU	333	PI	Schwerin Parchim	19	19	17				03			02					02	
DNK	321	VO	Vojens Skrydstrup	00		17	01	11	16	12		22	00			10		01	
DNK	328	VJ	Stauning			22		20	21	22		22			21	10		01	
DNK	330	SB	Sonderborg	19	23	20	02	22	23	00		21				10		23	
DNK	334	FAU	Ronne Bornholm	20	22	19										03		02	
ENG	321	STM	Scilly Is. St. Marys						23										
ENG	322	LCY	London City					11	16			20			20	10			
ENG	323	SBL	Sherburn in Elmet				21	10	16	12	20	20				05			
ENG	327	TNL	Tatenhill				21	11	16		20	20				14			
ENG	328	BLK	Blackbushe					11	16			22			21	10			
ENG	328	CL	Carlisle			03	21	11	17	22	20	21				10			
ENG	331	GST	Gloucestershire				21	11	16			21				10			
ENG	332	SHM	Shoreham			22	22	11	16			21		21	00	10			
ENG	332.5	CAM	Cambridge			04	22	11	16	01	20	21			00	10			
ESP	325	AST	Asturias			04	21	19		05		23		14	21	00			
ESP	330	AI	Alicante											21					
ESP	330	G	Gerona													22			
ESP	330	RMA	Malaga											01					
ESP	332	EAL	Almagro						21	04				21		00			
FIN	324	AS	Kemi Tornio	01					23	22		23	18			00			
FIN	333	G	Kemi Tornio	01					23	03		22	19			22			

FRA	320	LSU	Limoges Bellegarde		00	21		2				20		14		03			
FRA	320	TY	Troyes Barberey		00	20	21	11	16			23			20	10			
FRA	320	VE	Valence Chabeuil	00		20		21						21		23	21		18
FRA	321	ABY	Albert Bray	00		20	21	11	16	12	19	20		17	20	10			
FRA	321	TL	Tarbes Lourdes			22		3						21	20	21	22		
FRA	322	ORS	Orleans						23	05		21		03	03	10			
FRA	322	RL	La Rochelle			21	01	19		00		23		14		03			
FRA	322	TLN	Hyeres Le Palyvestre	19	20	20		2	20	00		21		21	20		21		18
FRA	323	AB	Albi Le Sequestre	00		20		3						21	20	00	21		21
FRA	326	LM	Le Mans Arnage	00		04	21	11	23			20		14	00	10			
FRA	327	MVC	Merville Calonne	00	22	20		11	16	06	20	20		17	00	10			
FRA	330	MB	Montbeliard Courcelles	19		20	21	2		23				21	21	22			10
FRA	331	TUR	Tours Val de Loire			20	02	11	21	04		21		14	00	10			
FRA	331.5	TLF	Toulouse Francazal	01	22	20	21	19	21	04		21		14	00	21			21
FRA	332	LL	Lille Lesquin	01	21	20	21	11	16	04	20	21		02	00	10		23	
FRA	334	DX	Dax Seyresse					21	21	04				14		00			
FRA	334	POY	Paris Orly			03		11	23			21		03	00	10			
FRA	334	SAL	Salon de Provence													04			
FRA	334	YN	La Roche sur Yon											14		05			
HNG	326	C	Debrecen	00	21	20				23						00			
HNG	329	HA	Budapest Ferihegy	19	20	17			21	01					20	23			
HNG	330	NY	Nyiregyhaza			22													
HOL	326	LLS	Lelystad			04		11	20	01		16				10			
HOL	330	SO	Eelde Groningen		23	20	02	11	20	03		22				10			
HOL	332	NV	Amsterdam Schiphol			04		11	16	03		21			19	10			
HRV	320	VL	Pula Valtura	18	21	20				22						23			
HRV	325	VG	Zagreb Velika Gorica	19	21	20				22						00	22		18
HRV	330	ZRA	Zadar Kakman		21	19										22	22		
IRL	334	GMN	Gormanston			22	22	2	17	03	22	21				04			
IRL	334	KER	Farranfore Kerry					4	23	04									
ISL	330	HN	Hornafjordur													01			
ISL	334	AR	Akureyri													04			
ITA	324	PTC	Salerno Pontecagnano (SA)	19		22											22		03
ITA	325	RCA	Reggio di Calabria (RC)	20	21	20			0	01		20		02	00	00	21		
ITA	327	OST	Roma Ostia (RM)	01	20	20											22		04
ITA	330	SRN	Milano Saronno (VA)	19	23	20								02		00	23		
ITA	331	GRT	Grottaglie (TA)	01	21	20										03			

ITA	332	PDA	Padova (PD)	19	19	20			22	03		20			00	23		18
ITA	333.5	VOG	Voghera (PV)	19	19	20		19	22	02		21		21	00	04	23	10
JOR	326	AQC	Aqaba															21
JSY	329	JW	Jersey	00		04	21	11	16	04		22		14	00	10		
LBY	327	NC8	Hamada NC 8	00												00		
MNE	332	RO	Tivat	01	22													
MRC	332	SBI	Rabat					3	22			22		03		04		
NIR	328.5	EGT	Londonderry Eglinton			03	21	11	16	22	17	21		21	00	00		
NIR	332	OY	Belfast Aldergrove						16	03		21						
NOR	320	IL	Bodo Ilstad															23
NOR	324	HE	Notodden Heddal			02				01			00			21	01	
NOR	329	NMS	Namsos	01		22				04		23	03			00	01	
POR	327	POR	Porto	01		04	21	21	20	04	20	20		19	00	00	22	04
POR	332	FAR	Faro				22	21	21	02	20	21			00	04		
RUS	320	DM	Moscow Domodedovo			22							18					
RUS	326	DD	Ivanovo Yuzhny			22			21				17			22		
SAR	331	DEC	Decimomannu (CA)		00	20								03				
SCT	331	GLW	Glasgow							02		21						
SCY	329	PRS	Palermo Punta Raisi	01	22	20				00				21	00	23		
SRB	320	PZ	Batajnica	00												21		
SRB	328	SMR	Sremska Mitrovica		21											00		
SRB	330	ML	Kraljevo		23	22												
SVK	330	OB	Bratislava Stefanik South	19	19	20			21	00		20			23	00		19
SVN	334	MR	Maribor	19	20	20		20		22		23		03		20		18
SWE	320	OL	Lycksele			23							18			22	00	
SWE	322	OD	Ornskoldsvik			22				02			18			00		
SWE	322	OU	Stockholm Bromma	00	23	19				00						00	01	
SWE	324	ON	Norrkoping Saab	00	21	19	02	2	20	22		21	03			00	01	
SWE	325	OG	Gallivare							01								
SWE	325	PG	Trollhattan Vanersborg	00	22	19	02	21	20	03		22	02			00	01	
SWE	326	KG	Kramfors Bjartra			22							18					
SWE	326	OG	Gavle Sandviken			19							17			22	01	
SWE	327	Y	Sveg	01		22				22			18			00	01	
SWE	328	DK	Vilhelmina										18			22	01	
SWE	329	VX	Vaxjo Kronoberg	20	21	19		22	20	00			03			23	01	
SWE	329	WU	Umea			03							18			00		
SWE	330	LNA	Lena Enkoping	01		22				22			18			23	01	

SWE	333	LE	Vasteras Hasslo	01		03					23	18			22		02		
TUR	330	KAD	Izmir Kadifekale												21				
UKR	329	KR	Kulbakino	19															
UKR	334	VI	Verkhnie Vysotske	19	19	20									00				
WLS	323	WPL	Welshpool			01	21	11	16	19	17	20			10				
XOE	326	YW	Tyra West		00			3	23	02		17			10				
XOE	331	JDY	Philips Judy			03		11	21	03	20	22	03		05		01		
XOE	333	GFC	Statoil Gulfaks C	01		02		2					03		21		02		
XUE	320	KIE	(UNID)	00															
XUE	328	RK	(UNID)			20													
XUE	328	S	(UNID)	23															
XUE	330	KN	(UNID)		22										23				
XUE	330	RK	(UNID)	19	21														
XUE	332	KR	(UNID)			19													
Cou	kHz	Call	Location	CZE my	CZE ze	DEU hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps

COUNTRIES HEARD:

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

Cou	Country	CZE my	CZE ze	DEU hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps
ALG	Algeria											1					
AUT	Austria	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			
BUL	Bulgaria	1	1	1													
DEU	Germany	5	8	7	1	3	4	6		4	3			4		3	1
DNK	Denmark	3	2	4	2	3	3	3		3	1		1	4		4	
ENG	England			3	6	8	9	3	4	8		1	4	8			
ESP	Spain			1	1	1	1	2		1		4	1	3			
FIN	Finland	2					2	2		2	2			2			
FRA	France	9	6	15	8	16	11	10	3	12		17	13	18	4	1	5
HNG	Hungary	2	2	3			1	2					1	2			

HOL	Netherlands		1	3	1	3	3	3		3			1	3			
HRV	Croatia	2	3	3				2						3	2		1
IRL	Ireland			1	1	2	2	2	1	1				1			
ISL	Iceland													2			
ITA	Italy	7	6	7		1	3	3		3			3	2	5	6	4
JOR	Jordan														1		
JSY	Jersey	1		1	1	1	1	1		1			1	1	1		
LBY	Libya	1													1		
MNE	Montenegro	1	1														
MRC	Morocco					1	1			1			1		1		
NIR	Northern Ireland			1	1	1	2	2	1	2			1	1	1		
NOR	Norway	1		2				2		1	2				3		2
POR	Portugal	1		1	2	2	2	2	2	2			1	2	2	1	1
RUS	Russia (Eu)			2			1								1		
SAR	Sardinia		1	1									1				
SCT	Scotland							1		1							
SCY	Sicily	1	1	1				1					1	1	1		
SRB	Serbia	1	2	1											2		
SVK	Slovakia	1	1	1			1	1		1							1
SVN	Slovenia	1	1	1		1		1		1			1		1		1
SWE	Sweden	7	4	12	2	3	3	8		3	12				12		10
TUR	Turkey														1		
UKR	Ukraine	2	1	1											1		
WLS	Wales			1	1	1	1	1	1	1					1		
XOE	Offshore	1	1	2		3	2	2	1	2	2				3		2
XUE	UNID	3	2	3											1		
Cou	Country	CZE my	CZE ze	DEU hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps

LISTENING TIMES:

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

UTC (hh)	CZE my	CZE ze	DEU hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps
00:00 - 00:59	18	4				1	7			4		15	26		1	

01:00 - 01:59	14		1	2			7				1		1		13	
02:00 - 02:59			2	6	6		7			2	4				5	
03:00 - 03:59			6		4		9			5	6	1	5			1
04:00 - 04:59			8		2		13						6			2
05:00 - 05:59							2						3			
06:00 - 06:59							1									
07:00 - 07:59																
08:00 - 08:59																
09:00 - 09:59																
10:00 - 10:59					1								24			3
11:00 - 11:59					23											
12:00 - 12:59							3									
13:00 - 13:59																
14:00 - 14:59											9		1			
15:00 - 15:59																
16:00 - 16:59						18			1							
17:00 - 17:59			7			2		2	1	2	2					
18:00 - 18:59	2									10						6
19:00 - 19:59	17	10	9		4		1	1	1	2	1	1				1
20:00 - 20:59	3	4	30		2	10		10	13			9	1			
21:00 - 21:59		12	2	16	8	10			21		11	4	7	5		2
22:00 - 22:59		8	14	4	2	4	10	1	11				9	6		
23:00 - 23:59	1	7	1			10	2		7		1	1	10	3	3	
UTC (hh)	CZE my	CZE ze	DEU hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps
Totals:	55	45	80	28	52	55	62	14	55	25	35	31	93	14	22	15

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 hw	ENG ag	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FRA ea	FRA jj	HOL rb	ITA wb	NOR g5	SUI ps
10	320	4	4	6	1	3	1	1		2	2	2	1	7	1	1	1
6	321	4	2	5	2	3	4	3	1	3	2	2	2	4	1	2	1
6	322	2	2	4	1	3	3	5		4	1	3	3	5	1	1	1
5	323	3	1	4	2	5	4	4	2	4	1	2	2	5	1		1

4	324	3	1	3	1	1	2	3		2	3		3	1	2	1	
6	325	3	4	5	2	3	2	6		3	1	2	2	4	2	1	1
8	326	2	2	6	1	3	4	3		3	3	1	1	7		1	
8	327	7	4	6	3	4	5	5	4	5	2	2	3	7	3	1	3
7	328	1	1	3	1	3	3	2	1	3	1		2	5		2	
1	328.5			1	1	1	1	1	1	1		1	1	1			
7	329	6	3	6	1	2	3	5		2	3	2	3	6		2	
18	330	7	10	11	4	4	4	6		4	1	4	2	12	2	3	2
8	331	1	2	4	2	3	3	3	1	4	1	4	1	5		1	
1	331.5	1	1	1	1	1	1	1		1		1	1	1			1
10	332	3	3	5	3	5	8	6	2	7		4	4	7	1	1	1
1	332.5			1	1	1	1	1	1	1			1	1			
4	333	4	1	3		1	1	2		2	4			3		3	
1	333.5	1	1	1		1	1	1		1		1	1	1	1		1
10	334	3	3	5	1	5	4	4	1	3		4	1	9		1	1

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
329	KR	Kulbakino	UKR	CZE my	19:25
320	KIE	(UNID)	XUE	CZE my	00:08
328	S	(UNID)	XUE	CZE my	23:57
320	HA	Hannover East	DEU	CZE ze	19:27
330	NY	Nyiregyhaza	HNG	DEU hw	22:36
332	KR	(UNID)	XUE	DEU hw	19:05
321	STM	Scilly Is. St. Marys	ENG	ENG hh	23:25
325	OG	Gallivare	SWE	ENG me	01:47
331	HRM	Hassi R Mel Tilrempt	ALG	FRA ea	23:16
330	RMA	Malaga	ESP	FRA ea	01:28
330	AI	Alicante	ESP	FRA ea	21:15
330	G	Gerona	ESP	HOL rb	22:05
334	SAL	Salon de Provence	FRA	HOL rb	04:27
330	HN	Hornafjordur	ISL	HOL rb	01:53
334	AR	Akureyri	ISL	HOL rb	04:53

326	AQC	Aqaba	JOR	HOL	rb	21:17
320	IL	Bodo Ilstad	NOR	HOL	rb	23:47
330	KAD	Izmir Kadifekale	TUR	HOL	rb	21:43

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 (they did hear one!)

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE183 320 - 334.9 kHz 20 - 23 Jun 2014
 NOW: CLE198 320 - 334.9 kHz 18 - 21 Sep 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
ENG re		809		44		55		2162
FIN jt		759		19		25		1594
FRA ea		793		28		35		2461
ITA wb		531		7		14		1471
NOR g5		540		12		22		992
SUI ps		606		9		15		1542
Averages:		673		20		28		1704

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	1002	913	60	47	60	52	2242	2258
CZE ze	713	752	7	32	10	43	1414	1414
DEU hw	965	899	81	70	84	78	4505	1990

ENG ag	700	703	21	20	30	28	1904	1904
ENG bk	305	665	7	35	24	52	785	1968
ENG hh	821	825	41	45	50	55	2086	2718
ENG me	1033	1029	64	64	62	62	3671	2290
ENG px	580	547	16	8	27	14	1876	1876
FRA jj	713	648	23	20	32	31	1777	1777
HOL rb	886	1030	48	95	54	92	4990	3534
Averages:	772	801	37	44	43	51	2525	2173
% Increase:		4		18		17		-14

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.