

NDB LIST CLE No. 213 240-259.9 and 420-439.9 kHz 25-28 Nov. 2016, midday-midday local time

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

AUT	pc	Patrick Robic, Leibnitz
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	me	Mike Thayne, Whitley Bay
ENG	pt	John Pitty, Horsham, West Sussex
ENG	px	Peter Greateorex, Bolsover, Derbyshire
ENG	re	Ray Evans, Bolsover, Derbyshire
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola
FIN	r0	Raimo Karjalainen, while at Siikalatva, Rantsila
FIN	ro	Raimo Karjalainen, Laukaa, near Jyväskylä
FRA	ea	Eric Angevin, Kercabellec
FRA	fb	Franck Baste, St Bonnet de Rochefort
FRA	jj	Jean Jacquemin, Trepied, near Le Touquet
HOL	rb	Roelof Bakker, Middelburg, Zeeland
IRL	fo	Finbar O'Connor, Malin Head (Trawbreaga Bay)
ITA	sp	Stefano Paolini, Vimodrone
NOR	gl	Geir Laastad, Svelvik
RUS	vp	Victor Puzanov, Mozhaysk
SCT	ds	David Atkins, Tighnabruaich, Argyll

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

Cou	kHz	Call	Location	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA ji	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds			
ALG	423	BJA	Bejaia Soummam		00	18 03 00								21		22			16	19	22	19								
ALG	435	IGZ	In Guezzam			19																23								
AUT	420	INN	Innsbruck	19	18	15 15 19								22	19	19			18	23	19	21	16	16	22	16		22	02	23
AUT	426	GBG	Gleichenberg for Graz	17	19	15 15 19			22	23	19	18	00	17	18	23	21	20	05	17	22	11	18			15	17	00		
AZR	428	GC	Santa Cruz de Graciosa																03											
BIH	425	DNC	Mostar		20	16 03 23							23						20	18		16					21			
BLR	247	GM	Gomel													18														
BLR	247	MV	Gomel				13	22																			14			
CYP	432	LCA	Larnaca																								19			
CYP	435	GKE	Gazimagosa Intl																								19			
CZE	258	N	Ostrava Mosnov.		18		02	23								21	20					00								
CZE	422	UR	Hradec Kralove	17	19	12 14 19				22	19	15	23	16	21	20	20		02		22	16	18			22	21	00		
CZE	429	B	Brno Turany Borek		21	21 15 23					20	01									23	04								
CZE	432	PK	Pardubice Prvek	17	19	16 14 19			22	23	19	23	00	17	18	19	21	20	20		22	20	18			16	20	01		
CZE	434	KNE	Kunovice		20	04 14 23					19	21				04					22	05				00	20			
CZE	438	K	Praha Kbely		19	16 14 23					20	23				23					23	18	19							
DEU	425	ERT	Erfurt		19	12 14 23			22	17	19	23	20	16	18	02	21	21	21		23	16	18			22		00		
DEU	426	MIQ	Mike for Ingolstadt	21	19	12 14 23					19	18			20	18	23		20	21		22	17			21		00		
DEU	427	BRU	Braunschweig		01	12 14 22			22		19	00				20					22	20				21				
DEU	429	OBI	Oberpfaffenhofen		23	20 15 22					20										22									
DEU	431	KBA	Karlsruhe Baden Baden		23	16 03 23			22	23	19	23		16	18				20	19	22	20				21		01		
DNK	423	FE	Odense Beldringe		20	15 14 23			22	23		18	23	16	18	07	20	19	05	19	22					15	19	00		
ENG	421	BUR	Burnham				23	23	22	11	14	17	23	15	18				04		23	11	15					00		
ENG	423	CWL	Cranwell				23	23	22	11	19	12	23	16	18	22			18		22	11	15					00		
ENG	426	SH	Shobdon																									12		
ENG	433.5	HEN	Henton			01	21	23	22	12	19	12	00	16	18				01		22	11	17			22		02		
ESP	420	SPP	Sevilla San Pablo							01	20			20	22				00	20	22	20	18					04		
ESP	421	GE	Madrid Getafe.		22					22	18	18	22	21	19	23			11	18	22	11	18					00		
ESP	422	PAM	Pamplona			01	22	22		01	21	05			19				11	16	23	11	18					00		
ESP	424	RUS	Reus		21	20	03			21	18		20	21	18				11	18	22	23	18					00		
ESP	433	JER	Jerez				23			23	18	00		21	20	00			01	21	22	21	17					01		

XOE	420	LGS	Conoco Loggs			23	00	22	11	14	12	23	15	18	01				22	11	15			23			
XUE	420	BFK	(UNID) ?ALG			03				21			22	21				16	04		20						
XUE	425	O	(UNID)											18													
XUE	430	TST	(UNID)			16																					
XUE	435	SR	(UNID)															19									
XUE	435	UAP	(UNID)			03																					
Cou	kHz	Call	Location	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds

COUNTRIES HEARD:

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

Cou	Country	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds	
ALG	Algeria		1	1	2	1						1		1			1	1	1	2			2			
AUT	Austria	2	2	2	2	2	1	2	2	2	1	2	2	2	1	2	2	2	2	2	2	1		2	2	2
AZR	Azores																1									
BIH	Bosnia-Herzegovina		1	1	1	1					1						1	1			1				1	
BLR	Belarus				1	1								1											1	
CYP	Cyprus																								2	
CZE	Czech Rep.	2	6	5	6	6	1	2	5	5	2	2	2	5	3	2	2		5	6	3		3	3	2	
DEU	Germany	1	5	5	5	5	3	2	5	4	1	3	4	3	1	2	3	1	5	4	1		4		3	
DNK	Denmark		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1	
ENG	England			1	3	3	3	3	3	3	3	3	3	1			3		3	3	3		1		4	
ESP	Spain		2	2	4	1	1	6	6	4	3	5	6	2			6	6	6	6	6				6	
EST	Estonia		1	1	1	1				1				1	1	1				1			1	1		
FIN	Finland		1		1	1				1				1	1	1				1			1			
FRA	France		3	7	9	6	8	9	8	7	9	9	9	3			12	10	7	12	7		2		9	
GEO	Georgia			1	1	1			1	1				1	1					1			1	1		
HNG	Hungary	1	2	2	2	2	1	1	2	2			1	2			1		2	2			2	2		
HRV	Croatia	5	7	7	7	6	3	5	7	7	3	4	6	5		3	5	4	6	6	4		5	4	4	
IRN	Iran																								2	
ITA	Italy	1	4	3	4	3		2	2	2	1	1	1				4	3	3	5		1		1	1	
LBY	Libya		1	1	1	1														1						
MKD	Macedonia	1	1	1	1	1											1			1				1		
MNE	Montenegro		1	1	1	1														1				1		
NIR	Northern Ireland				1		1	1	1	1	1	1	1				1		1	1	1				1	
NOR	Norway				1	1								1	1					1						

POL	Poland		3	3	3	3	1		2	3		1	3	1	2		2	3		2	2				
POR	Portugal						1	1	2	1	1	1	1			1	1		1	1		1			
ROU	Romania	1	3	2	3	3			2	1		1	1	3	2	1	1		1	3		1	3		
RUS	Russia (Eu)			1	2	1			1	2				8	7	3			1		1	11			
SCT	Scotland				1	1	1	1	1	1	1	1	1				1		1		1		1		
SRB	Serbia	2	5	2	5	3		1	2	2	1	1	1	2		1	2	1	2	3	1	1	3	1	
SVK	Slovakia		3	3	3	3			3	3		1	2	3	2	2	2	2	2	3	1	3	2		
SWE	Sweden		2	3	3	2		1	3	3	1	2	3	3	3	2	1	1	2	3	1	3	3	1	
TKM	Turkmenistan													1									1		
TUR	Turkey													3	1								3		
UKR	Ukraine		1	2	2	2			2	2			1	3	3	2			2	2		3	3		
UZB	Uzbekistan													1									1		
XOE	Offshore				1	1	1	1	1	1	1	1	1	1					1	1	1			1	
XUE	(UNID)			1	2				1				1	2			2	1		1					
Cou	Country	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds

LISTENING TIMES:

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

UTC (hh)	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds
00:00 - 00:59		4		3	9				6	10			2			1			1			6		18
01:00 - 01:59		1	3		2		6		2				2			9			1					13
02:00 - 02:59		2		2			1						3			1			5				1	1
03:00 - 03:59			1	13					2				1			1								
04:00 - 04:59			1										1			1	1		7					1
05:00 - 05:59				1					1							5			3					
06:00 - 06:59			1		1				1														1	
07:00 - 07:59													6						1					
08:00 - 08:59										1														
09:00 - 09:59																1								
10:00 - 10:59																								
11:00 - 11:59							4									10			14					
12:00 - 12:59			4				3		4							1								3
13:00 - 13:59				1					1					3										
14:00 - 14:59			2	23				4						1									9	
15:00 - 15:59			12	11					1		3		1	3						7		2	5	

16:00 - 16:59		1	16	1			1				10			2		9	14			11			3	1	
17:00 - 17:59	8		2	4			2		4		4			4		3	3			2	4			5	
18:00 - 18:59	2	2	4		1			6	6	1	5	22	8		2	1	4			2	19			5	
19:00 - 19:59	2	23	5	3	18			30	3	1		6	5		2	1	6			7	2		3	10	
20:00 - 20:59		9	5					14	2	2	7	4	7	10	12	6	1			16			4	5	
21:00 - 21:59	2	3	2	1			4	8	6		7	5	6	5	9	2	1			3			11	13	
22:00 - 22:59	2	5		2	7	23	5		3	1	1	7	11	1		2	1					2	7		
23:00 - 23:59		6	1	15	26	4	13		18	15	4	6	8				2	19		5			2	2	
UTC (hh)	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds	
Totals:	16	56	59	80	64	27	39	62	60	31	41	50	61	29	25	54	33	56	78	32	2	38	55	38	

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 ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds
1	242																					1			
2	245													1	2									2	
2	247				1	1								1										1	
1	250																							1	
2	255		1		1	1								1										2	
1	256		1		1	1								1										1	
1	258		1		1	1								1	1										
2	258.5				1	1								1	1										
12	420	1	5	3	8	4	2	5	6	4	2	5	6	3		1	6	4	5	10	3		1	2	4
6	421		5	4	5	4	1	3	5	5	3	3	4	3	2	2	4	3	5	5	3		2	2	3
3	422	2	2	3	3	3		2	3	3	1	2	3	2	1	1	3	1	3	3	2		2	2	2
7	423	2	5	6	7	6	2	4	4	5	4	6	5	5	2	3	6	5	6	6	3		3	4	5
4	424	1	3	3	4	2	2	4	4	2	3	2	4	2		1	3	3	4	4	4		2	1	4
8	425		4	5	5	4	2	3	5	4	3	2	4	4	3	2	5	3	4	5	2	1	2	4	2
7	426	2	4	3	4	3	2	2	5	2	3	3	3	3	2	2	4	2	2	5	1		2	2	4
4	427		1	3	3	2	2	1	3	3	1	2	3	3	1		1	1	2	3	1		2	1	1
5	428	1	1	3	4	3	2	2	3	3	2	3	3	1	1	1	5	2	3	4	2		1	1	2
3	429	1	3	3	3	3	1	1	3	2		1	1	1		1	1	1	3	2	1		1	1	1
7	430		2	5	3	5	1	2	4	5	1	1	2	6	4	2	2	1	2	5	1		4	5	1
2	431		1	1	2	2	2	2	2	2	1	2	2				2	1	2	1	1		2		2
8	432	2	5	4	5	5	1	2	2	5	2	2	3	5	4	4	3	1	2	6	1		4	6	1
6	433	1	1	1	4	1	2	3	3	3	2	3	3	2		1	3	3	3	3	3		1	4	3

1	433.5			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
3	434		2	2	2	2	1	1	2	2	1	1	1	2	1		1	1		1	2					2	2			1							1	1	1		
9	435	1	2	2	5	2			1	1				2						2	3					2	3										1	4			
2	436	1	2	2	2	2	1			1	2			2						1	2					1	2										1	1			
3	437		1	1	1	1	1			1	2			3	2	2				1	1					1	1										1	3			
6	438	1	4	4	4	4	1		1	4	4	1		2	2	5	2			2	2	1		3			4	3						3	3	1					
1	439													1																					1						
NDBs		kHz	AUT pc	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG pt	ENG px	ENG re	FIN ks	FIN r0	FIN ro	FRA ea	FRA fb	FRA jj	HOL rb	IRL fo	ITA sp	NOR gl	RUS vp	SCT ds															

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
430	TS1	(UNID)	XUE	DEU bd	16:10
435	UAP	(UNID)	XUE	DEU hw	03:36
426	CB	Coimbra	POR	ENG hh	18:26
425	U	(UNID)	XUE	ENG re	18:20
247	GM	Gomel	BLR	FIN ks	18:29
427	OH	Saratov Tsentralny	RUS	FIN ks	02:06
420	YKV	Hakkari Yuksekova	TUR	FIN ks	21:11
258.5	HL	Svolvaer Helle	NOR	FIN r0	17:27
434	ER	Erzurum	TUR	FIN r0	16:00
428	GC	Santa Cruz de Graciosa	AZR	FRA ea	03:30
435	SR	(UNID)	XUE	FRA ea	19:21
420	ABN	Albenga (SV)	ITA	HOL rb	07:01
242	H	Engels-2 Airbase	RUS	ITA sp	22:17
435	GKE	Gazimagosa Intl	CYP	RUS vp	19:42
432	LCA	Larnaca	CYP	RUS vp	19:45
250	BND	Bandar Abbass	IRN	RUS vp	19:41
255	SBZ	Sabzevar	IRN	RUS vp	21:07
433	MI	Ermolino	RUS	RUS vp	06:07
433	CRD	Denizli Cardak	TUR	RUS vp	19:42
426	SH	Shobdon	ENG	SCT ds	12:37
kHz	C/S	Location	Cou	Reporter	UTC

TABs

There were no 'Trans-Atlantic Beacons' this time.

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE197 240-259.9 and 420-439.9 21-24 Aug 2015
NOW: CLE213 240-259.9 and 420-439.9 25-28 Nov 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
AUT pc		349		6		16		736
DEU je		1040		67		64		3172
ENG ag		948		26		27		1738
ENG me		1400		84		60		3448
ENG pt		903		28		31		1874
FIN ks		1648		101		61		3555
FIN r0		1495		43		29		2910
FIN ro		1455		36		25		2157
FRA ea		1080		56		52		2254
FRA fb		738		24		32		1507
IRL fo		1393		45		32		2473
ITA sp		1407		3		2		2769
NOR gl		1319		50		38		2935
RUS vp		1414		78		55		3546
Averages:		1185		46		37		2505

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	586	756	26	42	45	56	1130	2873
DEU bd	786	885	26	51	33	58	2043	2970
DEU hw	1020	1072	71	84	70	78	3052	3701
ENG bk	879	943	30	37	34	39	1667	1886

ENG hh	1068	1273	41	78	38	61	2001	3415
ENG px	878	1120	19	45	22	40	1973	2026
ENG re	1112	1153	44	55	40	48	2027	2027
FRA jj	874	1019	28	57	32	56	1638	2140
HOL rb	1116	1190	60	92	54	77	2979	3557
SCT ds	1220	1313	29	50	24	38	2122	2381
Averages:	954	1072	38	59	39	55	2063	2698
% Increase:		12		57		41		31

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.