

**NDB LIST CLE No. 197 240 - 259.9 and 420 - 439.9 kHz 21 - 24 August 2015, midday-midday local time**

**COMBINED RESULTS  
EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

CZE	<b>jv</b>	Jaroslav Tomek, Ostrava
CZE	<b>my</b>	Milos Holy, Lhota pod Radcem
CZE	<b>ze</b>	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	<b>bd</b>	Bernhard Hein, Dessau-Roßlau
DEU	<b>hw</b>	Hartmut Wolff, Near Wolfsburg
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>hh</b>	Brian Heath, Stapleton, Leicestershire
ENG	<b>px</b>	Peter Greateorex, Bolsover, Derbyshire
ENG	<b>re</b>	Ray Evans, Bolsover, Derbyshire
FIN	<b>jt</b>	Jarno Fält, Tampere
FRA	<b>jj</b>	Jean Jacquemin, Trepied, near Le Touquet
HOL	<b>rb</b>	Roelof Bakker, Middelburg, Zealand
NOR	<b>g5</b>	Geir Laastad, While at Sandbu, Treungen (Telemark)
SCT	<b>ds</b>	David Atkins, Tighnabruaich, Argyll
SUI	<b>ps</b>	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. 02 indicates logged between 02:00-02:59 UTC).

Cou	kHz	Call	Location	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	ENG bk	ENG hh	ENG px	ENG re	FIN jt	FRA jj	HOL rb	NOR g5	SCT ds	SUI ps
ALG	423	BJA	Bejaia Soummam												02	02		
ALG	432	HMB	Hammam Bou Hadjar													02		
AUT	420	INN	Innsbruck	20	19	20	19	18			21	22			22	22		20
AUT	426	GBG	Gleichenberg for Graz	17	00	20	00	18	02	21	22	20	22	22	19	00	01	18
BIH	425	DNC	Mostar	20	20	23		01							22			00
CZE	258	N	Ostrava Mosnov	18	19	05		03										
CZE	422	UR	Hradec Kralove	17	13	20		18	20			20			22			19
CZE	429	B	Brno Turany Borek	17	00	06		01										
CZE	432	PK	Pardubice Prvek	17	13	20	19	18		21		20	19	22		01	01	19
CZE	434	KNE	Kunovice	17	00	23		19					19			00		00
CZE	438	K	Praha Kbely		13	21	01	02										
DEU	425	ERT	Erfurt	19	14	20	12	18	02	21	22	22	19	22	00	00	01	20
DEU	426	MIQ	Mike for Ingolstadt		13	21	19	01							03			21
DEU	427	BRU	Braunschweig				12	18										
DEU	429	OBI	Oberpfaffenhofen		00	23		01										
DEU	431	KBA	Karlsruhe Baden Baden		00	20	00	02		21		22		21	03			03
DNK	423	FE	Odense Beldringe	19	00	22	19	18	02		22	23	19		11	23	01	
ENG	421	BUR	Burnham					22	11	21	20	18		01	11		02	
ENG	423	CWL	Cranwell						11	21	20	18	22	02	11	23		
ENG	426	SH	Shobdon						11	21	22	20			11		00	
ENG	433.5	HEN	Henton						11	21	21	18	22	01	12		01	
ESP	420	SPP	Sevilla San Pablo						02			23		04	03			
ESP	421	GE	Madrid Getafe.				20	03	22	21	20	20		04	03		00	
ESP	422	PAM	Pamplona						03	00				01	20		01	
ESP	424	RUS	Reus					03	03	21				01	04			
ESP	433	JER	Jerez						21	21		21		01	01		01	
ESP	433	VON	Vigo						03	21		22		01	03			
EST	432	G	Amari Air Base.			21		19					17			02		
FIN	432	AKU	Ivalo Akujarvi		00		00	01					19		22	00		
FRA	420	LMT	Auch Lamothe					04	04					00	04			

FRA	423	TS	Toulouse Blagnac															
FRA	424	LOE	Limoges Bellegarde					01	21	21	20	00		02	04		00	
FRA	424	PHG	Phalsbourg	20	00	21	19	01	02	21	20	22			11	23		20
FRA	426	CTS	Castets						03	21								
FRA	427	RY	Royan Medis		00			02	21	21	21			01	03		00	
FRA	428	BST	Lanveoc Poulmic					04	11	21		20	22	03	00		00	
FRA	428	CTX	Chateauroux Déols				23	01	21	21	21	21		22	22		23	01
FRA	428	MUS	Nice Cote d'Azur		00			01						01				01
FRA	430	SN	St. Yan	20	00	23	23	02	21	22	21	21		21	22	00	01	19
FRA	432	PRD	Peyrehorade						22			23			02			
FRA	434	MV	Melun Villaroche		00		20	02	11	21	21	21	23	01		00	00	
GEO	430	LU	Batumi	19				01								02		
HNG	420	HM	Budapest Ferihegy		20	20		19										
HNG	430	BUG	Bugac	20	20	20	23	18		21		23			22	02		01
HNG	436	SME	Sarmellek Balaton	18	00	22		02							01			19
HRV	420	GS	Pula		19	21	00	19	20			22	22		19		22	
HRV	421	SAL	Zadar Sali	20														
HRV	422	OSJ	Osijek	20	19	20	00	19		21		21		01	19			00
HRV	424	PIS	Zagreb Pesarovina	20	19	20	20	18	19	21	22	20		00	19	23	00	19
HRV	429	LOS	Losinj	20	20	20	19	18	02	21	22	21		01	19	00	01	18
HRV	433	CRE	Cres	19	20	20	19	18	19	21	22	21	20	01	19	00		19
HRV	438	KO	Rijeka Krk Kozala	19	20	21	20	19		00	22	22		00	19			19
ITA	420	ABN	Albenga (SV)												03			
ITA	421	FN	Roma Fiumicino (RM)			21		19										
ITA	423	FOR	Forli (FC)		19	20	20	19	19	00		00			00	01	00	22
ITA	425	MMP	Gallarate Malpensa (VA)		19	23	21	01		00		22						
LBY	435	GHT	Ghat		00			02							00			
MKD	432	IZD	Ohrid Izdegavlje	21	00	00		02							02			01
MNE	420	GO	Podgorica	20	00	23		00										
NIR	420	HB	George Best Belfast City					00	03	21	18	18	21			23	23	
NOR	258.5	HL	Svolvaer Helle					02										
NOR	258.5	MO	Molde Aro					00	01						02	01		
POL	423	M	Cewice			22											01	
POL	423	NT	Lask		00	23	19	01								23		
POL	437	NP	Tomaszow Mazowiecki	21	20	02		02							02	02		

POR	425	EVR	Evora						02			23		03	22			
POR	426	CB	Coimbra							21								
ROU	256	BSE	Bucharest Baneasa		19	00		00										
ROU	426	BC	Bacau	19				18					18					
ROU	428	TGM	Targu Mures	18	20	20	00	18		21	21	23	23		03			20
RUS	245	NG	Nizhny Novgorod					00					19					
RUS	425	HJ	Mamadysh										18					
RUS	427	OH	Saratov Tsentralny										00					
RUS	430	AJ	Staritsa					01					18					
RUS	430	MB	Chernukha.										18					
RUS	435	ER	Yegorlykskaya										00					
RUS	438	OR	Kirov										23					
SCT	431	SAY	Stornoway					01				23	00		03	00	01	
SRB	255	NS	Nis					19							02			
SRB	423	ZO	Nis Zitorada	20	20	20	23	00		22		23			20			20
SRB	435	BR	Brdjani	20	20	23		02							03			
SVK	425	KE	Kosice	20	00	20		01								01		
SVK	429	D	Bratislava		00	20		02										
SVK	438	B	Bratislava Barka	21	01	20		19								02		
SVK	438	PE	Poprad Tatry East	19	20	21	23	19		21		21			19	02		21
SWE	421	BL	Borlange Dala.	21	23	22	00	23		00			17		01	23		
SWE	421	MF	Halmstad	20	00	21	19	23	02	21		20	19		20	23	00	21
SWE	427	LUE	Kramfors Lunde		01			02					17		23	00		
UKR	425	PI	Pii					18					18					
UKR	430	LI	Lykhacheve	19	00			20	19				18			01		
UKR	432	BB	Bibrka	19	00	22	00	18		21		22	18		00	02		
XOE	420	LGS	Conoco Loggs					22	11	21	18	18		00	11	00		
XUE	257	T	(UNID)	18														
XUE	433	VNS	(UNID) (Castor UGS XOE?)		00			02	02					01	02			
XUE	435	S	(UNID)					02										
Cou	kHz	Call	Location	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	ENG bk	ENG hh	ENG px	ENG re	FIN jt	FRA jj	HOL rb	NOR g5	SCT ds	SUI ps

## COUNTRIES HEARD:

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

Cou	Country	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	ENG bk	ENG hh	ENG px	ENG re	FIN jt	FRA jj	HOL rb	NOR g5	SCT ds	SUI ps
ALG	Algeria											1	2			
AUT	Austria	2	2	2	2	2	1	1	2	2	1	2	2	1	1	2
BIH	Bosnia-Hercegovina	1	1	1		1							1			1
CZE	Czech Rep.	5	6	6	2	6	1	1		2	2	2		2	1	3
DEU	Germany	1	4	4	4	5	1	2	1	2	1	2	3	1	1	3
DNK	Denmark	1	1	1	1	1	1		1	1	1		1	1	1	
ENG	England					1	4	4	4	4	2	3	4	1	3	
ESP	Spain				1	2	6	5	1	4		6	6		3	
EST	Estonia			1		1					1			1		
FIN	Finland		1		1	1					1		1	1		
FRA	France	2	5	2	4	9	10	8	6	7	2	9	8	3	6	4
GEO	Georgia	1				1								1		
HNG	Hungary	2	3	3	1	3		1		1			2	1		2
HRV	Croatia	6	6	6	6	6	4	5	4	6	2	5	6	3	3	5
ITA	Italy		2	3	2	3	1	2		2			2	1	1	1
LBY	Libya		1			1							1			
MKD	Macedonia	1	1	1		1							1			1
MNE	Montenegro	1	1	1		1										
NIR	Northern Ireland					1	1	1	1	1	1			1	1	
NOR	Norway					2	1						1	1		
POL	Poland	1	2	3	1	2							1	2	1	
POR	Portugal						1	1		1		1	1			
ROU	Romania	2	2	2	1	3		1	1	1	2		1			1
RUS	Russia (Eu)					2					7					
SCT	Scotland					1				1	1		1	1	1	
SRB	Serbia	2	2	2	1	3		1		1			3			1
SVK	Slovakia	3	4	4	1	4		1		1			1	3		1
SWE	Sweden	2	3	2	3	3	1	2		1	3		3	3	1	1
UKR	Ukraine	2	2	1	2	3		1		1	3		1	2		

XOE	Offshore					1	1	1	1	1		1	1	1		
XUE	(UNID)	1	1			2	1					1	1			
<b>Cou</b>	<b>Country</b>	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	ENG bk	ENG hh	ENG px	ENG re	FIN jt	FRA jj	HOL rb	NOR g5	SCT ds	SUI ps

### LISTENING TIMES:

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

UTC (hh)	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	ENG bk	ENG hh	ENG px	ENG re	FIN jt	FRA jj	HOL rb	NOR g5	SCT ds	SUI ps
00:00 - 00:59		23	2	9	6		5		2	3	4	5	11	9	3
01:00 - 01:59		2		1	15	1					13	3	5	11	4
02:00 - 02:59			1		15	9					4	8	7	1	
03:00 - 03:59					3	5					2	10			1
04:00 - 04:59					2	1					2	3			
05:00 - 05:59			1												
06:00 - 06:59			1												
07:00 - 07:59															
08:00 - 08:59															
09:00 - 09:59															
10:00 - 10:59															
11:00 - 11:59						7						6			
12:00 - 12:59				2								1			
13:00 - 13:59		4													
14:00 - 14:59		1													
15:00 - 15:59															
16:00 - 16:59															
17:00 - 17:59	5									3					
18:00 - 18:59	4				15			2	5	7					2
19:00 - 19:59	9	8		9	12	3				7		8			7
20:00 - 20:59	14	11	18	6		2		5	8	1		3			5

21:00 - 21:59	4		9	1		5	31	7	8	1	2				3
22:00 - 22:59			5		2	2	2	8	9	5	6	7		1	1
23:00 - 23:59		1	8	5	2				8	3		1	8	2	
<b>UTC (hh)</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>NOR g5</b>	<b>SCT ds</b>	<b>SUI ps</b>
Totals:	36	50	45	33	72	35	38	22	40	30	33	55	31	24	26

### 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:

<b>NDBs</b>	<b>kHz</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>NOR g5</b>	<b>SCT ds</b>	<b>SUI ps</b>
1	245					1					1					
1	255					1							1			
1	256		1	1		1										
1	257	1														
1	258	1	1	1		1										
2	258.5					2	1						1	1		
9	420	2	4	4	2	7	5	2	3	5	2	4	6	2	2	1
6	421	3	2	3	3	5	3	4	2	3	2	2	4	2	3	1
3	422	2	2	2	1	2	2	2		2		3	2		1	2
8	423	2	4	5	4	4	3	3	2	4	2	3	5	4	3	2
4	424	2	2	2	2	4	4	4	3	3		3	4	2	2	2
7	425	3	4	4	2	5	2	2	1	3	3	2	3	2	1	2
6	426	2	2	2	2	3	3	4	2	2	2	1	3	1	2	2
4	427		2		2	3	1	1	1		2	1	2	1	1	
4	428	1	2	1	2	4	2	3	2	3	2	3	3		2	3
4	429	2	4	4	1	4	1	1	1	1		1	1	1	1	1
6	430	4	3	2	3	5	1	2	1	2	3	1	2	4	1	2
2	431		1	1	1	2		1		2	1	1	2	1	1	1
7	432	3	4	4	3	5	1	2		3	4	1	5	4	1	2
4	433	1	2	1	1	2	4	3	1	3	1	4	4	1	1	1

1	433.5						1	1	1	1	1	1	1		1	
2	434	1	2	1	1	2	1	1	1	1	2	1		2	1	1
4	435	1	2	1		3					1		2			
1	436	1	1	1		1							1			1
1	437	1	1	1		1							1	1		
5	438	3	4	4	3	4		2	1	2	1	1	2	2		2
<b>NDBs</b>	<b>kHz</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>NOR g5</b>	<b>SCT ds</b>	<b>SUI ps</b>

## 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
421	SAL	Zadar Sali	HRV	<b>CZE jv</b>	20:02
257	T	(UNID)	XUE	<b>CZE jv</b>	18:57
258.5	HL	Svolvaer Helle	NOR	<b>DEU hw</b>	02:16
435	S	(UNID)	XUE	<b>DEU hw</b>	02:42
426	CB	Coimbra	POR	<b>ENG hh</b>	21:26
427	OH	Saratov Tsentralny	RUS	<b>FIN jt</b>	00:52
435	ER	Yegorlykskaya	RUS	<b>FIN jt</b>	00:55
430	MB	Chernukha.	RUS	<b>FIN jt</b>	18:55
425	HJ	Mamadysh	RUS	<b>FIN jt</b>	18:58
438	OR	Kirov	RUS	<b>FIN jt</b>	23:23
423	TS	Toulouse Blagnac	FRA	<b>FRA jj</b>	02:08
432	HMB	Hammam Bou Hadjar	ALG	<b>HOL rb</b>	02:51
420	ABN	Albenga (SV)	ITA	<b>HOL rb</b>	03:38



## TABs

Trans-Atlantic Beacons' - NDBs that joined in the fun on both sides of the Atlantic  
*There was NO Trans-Atlantic fun in either direction this time!*

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE182 240-259.9 & 420-439.9 kHz 23 - 26 May 2014  
**NOW:** CLE197 240-259.9 & 420-439.9 kHz 21 - 24 Aug 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
CZE jv		605		21		35		2012
DEU bd		786		26		33		2043
ENG re		1112		44		40		2027
FIN jt		1445		43		30		2303
FRA jj		874		28		32		1638
NOR g5		1204		37		31		2989
SCT ds		1220		29		24		2122
SUI ps		621		16		26		1184
<b>Averages:</b>		983		31		31		2040

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	801	692	45	34	56	49	2334	2758
CZE ze	585	586	23	26	39	45	1130	1130

DEU hw	1121	1020	86	71	77	70	4339	3052
ENG bk	1065	879	44	30	41	34	3722	1667
ENG hh	1203	1068	60	41	50	38	2281	2001
ENG px	1096	878	34	19	31	22	2026	1973
HOL rb	1177	1116	78	60	66	54	4785	2979
<b>Averages:</b>	1007	891	53	40	51	45	2945	2223
<b>% Increase:</b>		-11		-24		-13		-25

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.

CLE197e5.xls  
bk 26 Aug 2015