

## NDB LIST CLE No. 187

**DX and HOME** 24 - 27 Oct. 2014, midday-midday local time

NDBs more than 2,000 km (1,250 miles) away and ones in the listener's 'Home' radio country

### COMBINED RESULTS

#### EUROPE

For overall statistics, please see the covering email.

#### Reporters:

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
DEU	<b>je</b>	Joachim Rabe, Norderstedt, north of Hamburg
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>hh</b>	Brian Heath, Stapleton, Leicestershire
ENG	<b>me</b>	Mike Thayne, Whitley Bay
ENG	<b>px</b>	Peter Greatorex, Bolsover, Derbyshire
ENG	<b>re</b>	Ray Evans, Bolsover, Derbyshire
FIN	<b>jt</b>	Jarno Fält, Tampere
FIN	<b>ks</b>	Kari Syrjänen, Aitomaki, near Kouvola
FIN	<b>ro</b>	Raimo Karjalainen, Laukaa, near Jyväskylä
HOL	<b>rb</b>	Roelof Bakker, Middelburg, Zeeland
ITA	<b>mr</b>	Marino Ferrero Giacminet, Settimo Torinese, Turin
ITA	<b>rz</b>	Roberto Rizzardi, Porto Santo Stefano (GR)
ITA	<b>ti</b>	Daniele Tincani, Livorno
SAR	<b>gc</b>	Giorgio Casu, San Gavino Monreale
SCT	<b>ds</b>	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 )

## COUNTRIES HEARD:

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

The **nn** boxes show the HOME radio country counts.

Cou	Country	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	HOL rb	ITA mr	ITA rz	ITA ti	SAR gc	SCT ds
ALB	Albania							1	1	1										
ALG	Algeria	1	1	1	4	1	2	1	2			1	2		4					
ASC	Ascension Is.				1			1	1											
ATG	Antigua and Barbuda														1					
AZR	Azores				1		1	3	4			1			4					
BUL	Bulgaria						1	3	3	1		2	2		1					
CAN	Canada MB								1											
CAN	Canada NB														1					
CAN	Canada NL	1			6	3	7	6	8	2					9				2	
CAN	Canada NS				1		1	1	1						1				1	
CAN	Canada NU				1															
CAN	Canada QC				3	2	3	1	3	2					3				1	
CHN	China (PRC)				1															
CNR	Canary Is.						2	3	2						3					
COR	Corsica												1							
CPV	Cape Verde Is.	1	1		1	1	1	1	1			1			1				1	
CYP	Cyprus				1															
CZE	Czech Rep.	15	19																	
DEU	Germany			70	72	66														
DMA	Dominica														1					
ENG	England						51	51	45	48	45									
ESP	Spain				1	1			1			2								
FIN	Finland	4	1				13	10	1					38	2					
FRA	France												13							(3)
GEO	Georgia	1	1		3							1	2		2					
GRL	Greenland	1	1		1	1	1	1		1		1			1					
HOL	Netherlands							(1)							14					
HRV	Croatia											1								
IRL	Ireland												3							
IRN	Iran	2			6							9	4		1					

ISL	Iceland				2	1									2							
ITA	Italy							1	2				10	23			44	6	6			
JMY	Jan Mayen				1		1								1							
JSY	Jersey									(1)												
KAZ	Kazakhstan	1			4				1				5		2							
LBY	Libya	5	3	1	4	2	1	4	3	2		2	1		5							
MDR	Madeira				1		1	1	1						1						1	
MLT	Malta						1	1				1										
MNE	Montenegro								1			1	1									
MNG	Mongolia												2									
MRC	Morocco				1		2	2	1						2							
NGR	Niger				1																	
NOR	Norway	2					3														1	
PAK	Pakistan											1										
POR	Portugal	1	1	1	1	1						1										
PTR	Puerto Rico				1	1	1	1	1	1		1			1				1	1		
ROU	Romania							6	5	1												
RSE	Russia (East)												1									
RUS	Russia (Eu)	2		1	6			3	10	1			3		3							
SAR	Sardinia																			6		
SCT	Scotland																				10	
SCY	Sicily							3				1	1									
SRB	Serbia							1	4			1	1									
TUN	Tunisia							1														
TUR	Turkey				3	1		1	1			1	2		1						1	
UKR	Ukraine						2	2	4 (5)	1					1						2	
USA	USA NC				1	1									1						1	
UZB	Uzbekistan				1							1	2									
XUE	UNID												2									
<b>Cou</b>	<b>Country</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>DEU je</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FIN ro</b>	<b>HOL rb</b>	<b>ITA mr</b>	<b>ITA rz</b>	<b>ITA ti</b>	<b>SAR gc</b>	<b>SCT ds</b>		

## BEACONS HEARD:

Beacons are shown in kHz order within each country

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 23 indicates logged between 23:00-23:59).

( A few entries are shown in brackets in these first two tables and should be ignored -  
For an explanation, please see Sheet 2 )

Cou	kHz	Call	Location	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	HOL rb	ITA mr	ITA rz	ITA ti	SAR gc	SCT ds
ALB	290	TR	Tirana Rinas							23	20	21										
ALG	268	ZAR	Zarzaitine				23										0					
ALG	283	BIS	Biskra				23															
ALG	356.5	OU	Ouargla	1	22	21	23	23	21		22			22	2		0					
ALG	407	BCR	Bechar						22	21							23					
ALG	423	BJA	Bejaia Soummam								22				1							
ALG	435	IGZ	In Guezzam				23										23					
ASC	360	ASN	Ascension Is. Wideawake.				22			23	23											
ATG	369	ZDX	Coolidge Saint Johns														3					
AZR	341	GP	Lajes				22			22	2						2					
AZR	351	PD	Ponta Delgada								3						2					
AZR	360	HT	Horta							21	3						2					
AZR	380	FIL	Horta Faial Is						22	21	4			3			1					
BUL	284	GRN	Gorna Oryahovista						21	21	20	22										
BUL	312	BOZ	Bozhurishte							21					2							
BUL	321	BU	Burgas											19								
BUL	350	DWN	Devnya for Varna														22					
BUL	450	PDV	Plovdiv								22			18	16							
BUL	490	WAK	Vakarel							18	22											
CAN	220	BX	Blanc Sablon, QC				23	3	2			23					1					
CAN	250	YMH	Mary's Harbour, NL														6					
CAN	263	QY	Sydney, NS				1		2	0	3						6				23	
CAN	276	YHR	Chevery, QC				2	3	2	2	2	23					6				23	







DEU	417	LI	Dusseldorf			20	11	23											
DEU	419	WUN	Wunstorf			5	5												
DEU	425	ERT	Erfurt			7	11	23											
DEU	426	MIQ	Mike for Ingolstadt			20	16	23											
DEU	427	BRU	Braunschweig			7	11	23											
DEU	429	OBI	Oberpfaffenhofen			20	16	21											
DEU	431	KBA	Karlsruhe Baden Baden			5	16	23											
DEU	448	LQ	Landsberg			20	16	23											
DEU	452	ANS	Ansbach			20	16	1											
DEU	468	FTZ	Fritzlar			7	11	23											
DEU	484	HOF	Hof			7	16	20											
DEU	488	ILM	Illesheim			7	16	20											
DEU	489	SIL	Siegen Siegerland			20													
DMA	273	DOM	Marigot Melville Hall											2					
ENG	277	CHT	Chiltern						11	12	12	15	18						
ENG	316	EPM	Epsom for Heathrow						11	12	12	15	18						
ENG	318	BPL	Blackpool						12	12	12	15	18						
ENG	321	STM	Scilly Is. St. Marys						6	1		15							
ENG	322	LCY	London City						11	12	12	15	18						
ENG	327	TNL	Tatenhill						11	12		16	18						
ENG	328	BLK	Blackbushe						11	12		17	20						
ENG	328	CL	Carlisle						11	12	12	17	18						
ENG	331	GST	Gloucestershire						11	12	16	17	18						
ENG	332	SHM	Shoreham						11	12	6	17							
ENG	332.5	CAM	Cambridge						11	12	12	17	18						
ENG	335	WCO	Westcott						11	12	12	17	18						
ENG	337	EX	Exeter						11	12	6	17	18						
ENG	337	WTN	Warton						11	12	12	17	18						
ENG	338	FNY	Robin Hood Doncaster						11	12	12	17	18						
ENG	339	BIA	Bournemouth						11	12	12	17	18						
ENG	340	LSH	Lashenden Headcorn						11	12	12	17	20						
ENG	342.5	NWI	Norwich						11	12	12	17	20						
ENG	343	YVL	Yeovil						11	12	6	17	18						
ENG	345	LUT	London Luton						11	12	12		18						



ENG	347	NQY	Newquay					11	12	16	17	18							
ENG	347.5	TD	Teesside					11	12	12	17	18							
ENG	348	FOS	Fairoaks					11	12		17	20							
ENG	349	KMB	Kemble					11	12	6	17	18							
ENG	349.5	LPL	Liverpool					11	12	12	17	20							
ENG	352	NT	Newcastle					11	12	12	17								
ENG	352	WOD	Woodley					11	12	12	17	18							
ENG	353.5	EME	East Midlands					11	12	12	17	18							
ENG	356	WBA	Wolverhampton					11	12	12	17	18							
ENG	362.5	SND	Southend on Sea					11	12	12	17	19							
ENG	363.5	CT	Coventry					11	12	12	18	19							
ENG	365	KIM	Humberside.					11	12	12	18	19							
ENG	367.5	OX	Oxford Kidlington					11	12	12	18	19							
ENG	368.5	WHI	Whitegate for Hawarden					11	12	12	18	19							
ENG	369	RCH	Rochester					11	12	6	18	19							
ENG	370	CUL	Culdrose RNAS					11	2	6	18	19							
ENG	378.5	NN	Northampton Sywell					11	12	12	18	19							
ENG	383.5	LE	Leicester					11	12	12	18	19							
ENG	385	WL	Barrow Walney Is					11	12	12		19							
ENG	386	BZ	Brize Norton					11	12	12	18	19							
ENG	391.5	EAS	Southampton Eastleigh					11	12	12	18	19							
ENG	393	EMW	East Midlands					11	12	12	18	19							
ENG	397	LZD	Lydd					11	12		19								
ENG	402.5	LBA	Leeds Bradford					11	12	12	18	19							
ENG	406	BHX	Birmingham					11	12	12	18	18							
ENG	414	BRI	Bristol Filton					11	12	12	18	19							
ENG	417	ND	Gt.Yarmouth Nth Denes					11	12	12	18								
ENG	421	BUR	Burnham					11	12	12	18	19							
ENG	423	CWL	Cranwell					11	12	12	18	19							
ENG	433.5	HEN	Henton					11	12	12	19	20							
ENG	850	CIT	Cranfield					11	12										
ESP	421	GE	Madrid Getafe										1						
ESP	433	JER	Jerez			3	23			22			23						
FIN	290	TP	Oulu					20	18						16				





HOL	395	OA	Amsterdam Schiphol												10				
HOL	397	EHN	Eindhoven												10				
HOL	404.5	RR	Rotterdam Locator												10				
HRV	418	DVN	Split Drvenik								23								
IRL	395	FOY	Foynes for Shannon									3							
IRL	397	OP	Dublin									3							
IRL	398	OK	Connaught									3							
IRN	255	SBZ	Sabzevar								19								
IRN	260	RAF	Rafsanjan								18								
IRN	300	TBZ	Tabriz				1				18								
IRN	310	GGN	Gorgan				21				19								
IRN	321	ZAJ	Zanjan								18								
IRN	337	IFN	Esfahan	1			19												
IRN	355	ARB	Ardabil	1			20				17	17			1				
IRN	370	UMH	Uromiyeh				22				19								
IRN	385	MSD	Mashhad									17							
IRN	393	RST	Rasht								17	17							
IRN	395	TBS	Tabas				22				16	18							
ISL	355	RK	Reykjavik												2				
ISL	375	VM	Vestmannaeyjar				0	23											
ISL	392	KF	Keflavik				0								10				
ITA	285	URB	Roma Urbe (RM)													20			
ITA	292	NOV	Milano Novara (NO)													10			
ITA	301.5	CMP	Campagnano													20			
ITA	306	PAR	Parma (PR)													20			
ITA	312	TAQ	Tarquinia (VT)													20			
ITA	318	GEN	Genova Sestri (GE)								23	22				20			
ITA	323	CAM	Cameri									0				20			
ITA	325	RCA	Reggio di Calabria						21	21		1							
ITA	327	OST	Roma Ostia (RM)									1				21			
ITA	330	SRN	Milano Saronno (VA)													21			
ITA	331	GRT	Grottaglie							21		19				21			
ITA	332	PDA	Padova													21			
ITA	333.5	VOG	Voghera								23	20				21			

ITA	340	FOG	Foggia								1					
ITA	342	PES	Pescara								1			<b>21</b>		<b>23</b>
ITA	343	GRA	Grazzanise (CE)											<b>21</b>		
ITA	345	FW	Roma Fiumicino (RM)								1			<b>21</b>		
ITA	345	TZO	Trezzo sull'Adda Milano (MI)											<b>21</b>		
ITA	350	BLA	Biella Cerrione (BI)											<b>21</b>		
ITA	354	FE	Roma Fiumicino (RM)											<b>21</b>		<b>0</b>
ITA	357	CAS	Torino Caselle.											<b>21</b>		
ITA	357.5	FAL	Falconara Marittima								<b>22</b>	<b>3</b>		<b>21</b>		
ITA	362	BZO	Bolzano											<b>21</b>		
ITA	364	MAL	Milano Malpensa. (VA)									<b>3</b>		<b>22</b>		
ITA	371	LEV	Savigliano Levaldigi (CN)											<b>22</b>		
ITA	371	RIV	Rivolto											<b>22</b>		<b>0</b>
ITA	374.5	ANC	Ancona								<b>22</b>	<b>21</b>		<b>22</b>		
ITA	376.5	ORI	Bergamo Orio al Serio									<b>21</b>		<b>22</b>		
ITA	379	PIS	Pisa								<b>23</b>	<b>21</b>		<b>19</b>		
ITA	379	VEN	Venezia Tessera											<b>22</b>		<b>0</b>
ITA	382	GAZ	Gazoldo											<b>19</b>		
ITA	386	LNE	Milano Linate (MI)								<b>23</b>	<b>23</b>		<b>19</b>		
ITA	390	AVI	Aviano											<b>20</b>		<b>0</b>
ITA	392.5	TOP	Torino Poirino									<b>22</b>		<b>20</b>		
ITA	396	RON	Ronchi dei Legionari (GO)													<b>1</b>
ITA	398	PRU	Perugia San Egidio								<b>22</b>	<b>23</b>		<b>20</b>		
ITA	400	TEA	Teano (CE)											<b>20</b>		
ITA	400.5	COD	Codogno (LO)									<b>23</b>		<b>20</b>		
ITA	401	BPL	Bari Palese (BA)									<b>23</b>		<b>20</b>		
ITA	413	BOA	Bologna (BO)								<b>23</b>	<b>23</b>		<b>20</b>	<b>22</b>	
ITA	417	VIC	Vicenza (VI)											<b>20</b>		
ITA	418	SVC	Aosta											<b>20</b>		
ITA	420	ABN	Albenga (SV)												<b>22</b>	
ITA	421	FN	Roma Fiumicino									<b>21</b>		<b>21</b>	<b>22</b>	
ITA	423	FOR	Forli								<b>23</b>	<b>23</b>		<b>21</b>	<b>22</b>	
ITA	425	MMP	Gallarate Malpensa (VA)											<b>21</b>		
ITA	440	PIA	Piacenza (PC)								<b>23</b>	<b>23</b>		<b>21</b>	<b>22</b>	









UKR	309.5	TR	Mys Tarkhankutskiy																			22	
UKR	402	TM	Tomakivka							22	1												
UKR	430	LI	Lykhacheve								22												
UKR	432	BB	Bibrka								(22)												
UKR	435	SM	Semenivka								22												
UKR	490	KO	Koshany						23														
UKR	525	CH	Chernyakhiv						21	17	22	20											
USA	216	CLB	Wilmington Carolina Bch, NC				1	2								1						0	
UZB	435	ZR	Nukus				22																
UZB	795	UH	Bukhara										18	16									
UZB	983	NU	Urgench											16									
XUE	325	MS	(UNID)											19									
XUE	480	SSS	(UNID)											15									
Cou	kHz	Call	Location	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	HOL rb	ITA mr	ITA rz	ITA ti	SAR gc	SCT ds	

**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 bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	HOL rb	ITA mr	ITA rz	ITA ti	SAR gc	SCT ds
00:00 - 00:59	7	1		6	15		11					3		8			4	2	
01:00 - 01:59	9	1		6	12		6	1			1	13		10			2	1	
02:00 - 02:59	6		1	7	4	12	3	6			2	4		11					3
03:00 - 03:59				2	3	3		5			1	7		1					
04:00 - 04:59				1	1		1	2			2			1					
05:00 - 05:59			5	2	1	5													
06:00 - 06:59		2				1		12						4					
07:00 - 07:59			27																
08:00 - 08:59																			
09:00 - 09:59																			
10:00 - 10:59				18										15	1				

11:00 - 11:59				28		49														
12:00 - 12:59	13	6	5			1	49	37												
13:00 - 13:59		2																		8
14:00 - 14:59		1																		
15:00 - 15:59		1							5		1	2								
16:00 - 16:59				17				2	1		1	8	9							
17:00 - 17:59				11			2		24		2	7	23	1						
18:00 - 18:59	1	5		1			8		17	22	6	1	1	3						
19:00 - 19:59	1	1	3	2			6		2	17	6	6		3	3					
20:00 - 20:59		2	28	11	4	6		2	2	6		4	5		15					
21:00 - 21:59		3	5	1	3	8	12	9	5			5			19	1				
22:00 - 22:59		1		8	2	7	8	31	2		6	3		8	6	5		9	1	
23:00 - 23:59		2		9	37	3	5	2	4		12	8		4			1	6	1	
<b>UTC (hh)</b>	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	FIN jt	FIN ks	FIN ro	HOL rb	ITA mr	ITA rz	ITA ti	SAR gc	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)

I have not included 'mine only' beacons that are in the reporter's Home country.  
These can be seen from the main 'Beacons Heard' list.

kHz	C/S	Location	Cou	Reporter	UTC
327	NC8	Hamada NC 8	LBY	CZE my	00:16
405	VG	Eddib V7 Minquaral	LBY	CZE my	02:45
362	KV	Tromso Kvalsund	NOR	CZE my	01:30
307	LA	Lazarevskoye	RUS	CZE my	00:22
495	AW	Budennovsk	RUS	CZE my	01:03
662	SM	Smolenskaya	RUS	DEU bd	21:10

283	BIS	Biskra	ALG	DEU	hw	23:10
305	LT	Alert, NU	CAN	DEU	hw	00:13
398	RM	Urumqi Diwopu	CHN	DEU	hw	22:09
435	GKE	Gazimagosa Intl	CYP	DEU	hw	20:46
353	BT	Ali	GEO	DEU	hw	20:50
451	KU	Yubileinyi	KAZ	DEU	hw	01:17
442	UR	Uralsk Podstepniy	KAZ	DEU	hw	20:02
293	ARL	Arlit	NGR	DEU	hw	22:48
507	ND	Bolshevik	RUS	DEU	hw	16:39
515	NV	Rostov na Donu	RUS	DEU	hw	16:42
332	LS	Ulyanovsk	RUS	DEU	hw	20:34
435	ER	Yegorlykskaya	RUS	DEU	hw	20:39
363	CIG	Izmir Cigli Kaklic	TUR	DEU	hw	01:02
330	KAD	Izmir Kadifekale	TUR	DEU	hw	20:32
435	ZR	Nukus	UZB	DEU	hw	22:42
327	POR	Porto	POR	DEU	je	23:22
365	ODD	Harstad Odden	NOR	ENG	bk	02:49
299.5	KN	Svolvaer Skrova	NOR	ENG	bk	21:00
490	KO	Koshany	UKR	ENG	bk	23:21
413	SAK	Casablanca	MRC	ENG	hh	00:47
380	CNL	Kenitra	MRC	ENG	hh	23:48
267.5	OPW	Bucuresti Otopeni	ROU	ENG	hh	00:01
381	SIB	Sibiu Turnisor	ROU	ENG	hh	19:41
342	PK	St. Petersburg Pulkova	RUS	ENG	hh	22:15
412	SIG	Catania Sigonella	SCY	ENG	hh	21:54
375	ZN	Tozeur Nefta	TUN	ENG	hh	23:38
373	1A	Williams Harbor, NL	CAN	ENG	me	02:52
360	PN	Port Menier Anticosti I., QC	CAN	ENG	me	06:36
305	YQ	Churchill, MB	CAN	ENG	me	06:43
420	GO	Podgorica	MNE	ENG	me	22:08
428	TGM	Targu Mures	ROU	ENG	me	22:41
340	XO	Petrozavodsk Besovets	RUS	ENG	me	04:44
360	BD	Bogdanovo	RUS	ENG	me	22:05
375	DB	Pochinok	RUS	ENG	me	22:16
485	CW	Krasnaya Gorbatka	RUS	ENG	me	22:17
493	RW	Maryino	RUS	ENG	me	22:41
350	UK	Yukhnov	RUS	ENG	me	22:47
478	MF	Larionovo	RUS	ENG	me	22:48

468	VTN	Kraljevo Vitanovac	SRB	<b>ENG me</b>	22:21
405	JST	Nis Justic	SRB	<b>ENG me</b>	22:24
432	BB	Bibrka	UKR	<b>ENG me</b>	22:05
435	SM	Semenivka	UKR	<b>ENG me</b>	22:21
430	LI	Lykhacheve	UKR	<b>ENG me</b>	22:42
329	JW	Jersey	JSY	<b>ENG px</b>	17:07
525	PL	St.Petersbourg Pulkovo	RUS	<b>ENG px</b>	23:23
321	BU	Burgas	BUL	<b>FIN jt</b>	19:15
421	GE	Madrid Getafe	ESP	<b>FIN jt</b>	01:42
418	DVN	Split Drvenik	HRV	<b>FIN jt</b>	23:12
260	RAF	Rafsanjan	IRN	<b>FIN jt</b>	18:43
321	ZAJ	Zanjan	IRN	<b>FIN jt</b>	18:49
255	SBZ	Sabzevar	IRN	<b>FIN jt</b>	19:50
387	MT	Multan	PAK	<b>FIN jt</b>	19:49
349.5	SZA	Solenzara	COR	<b>FIN ks</b>	01:05
401	LA	Laval Entrammes	FRA	<b>FIN ks</b>	00:08
383	MAR	Marseille Provence	FRA	<b>FIN ks</b>	00:22
428	CTX	Chateauroux Déols	FRA	<b>FIN ks</b>	01:13
390.5	ITR	Istres Le Tubé	FRA	<b>FIN ks</b>	01:13
413	ALM	Aix Les Milles	FRA	<b>FIN ks</b>	01:23
331.5	TLF	Toulouse Francazal	FRA	<b>FIN ks</b>	01:32
406	MJ	Marseille Provence	FRA	<b>FIN ks</b>	01:43
415	TOE	Toulouse Blagnac	FRA	<b>FIN ks</b>	02:05
417	AX	Auxerre Branches	FRA	<b>FIN ks</b>	02:13
434	MV	Melun Villaroche	FRA	<b>FIN ks</b>	03:01
430	SN	St. Yan	FRA	<b>FIN ks</b>	03:02
359	LOR	Lorient Lann Bihoue	FRA	<b>FIN ks</b>	20:11
359.5	CDN	Chateaudun	FRA	<b>FIN ks</b>	23:02
398	OK	Connaught	IRL	<b>FIN ks</b>	03:01
397	OP	Dublin	IRL	<b>FIN ks</b>	03:02
395	FOY	Foynes for Shannon	IRL	<b>FIN ks</b>	03:06
385	MSD	Mashhad	IRN	<b>FIN ks</b>	17:42
340	FOG	Foggia	ITA	<b>FIN ks</b>	01:02
509	M	Taraz	KAZ	<b>FIN ks</b>	17:03
435	GN	Zhezkazgan	KAZ	<b>FIN ks</b>	17:08
318	AK	Astane Akmola	KAZ	<b>FIN ks</b>	19:04
323	TU	Aktyubinsk	KAZ	<b>FIN ks</b>	19:04
515	KD	Khovd	MNG	<b>FIN ks</b>	16:45

525	MU	Muren	MNG	FIN	ks	16:47
452	LB	Balandino	RSE	FIN	ks	17:40
730	OP	Stavropol	RUS	FIN	ks	15:27
1210	PR	Peredovaya	RUS	FIN	ks	16:50
315	G	Astrakhan	RUS	FIN	ks	19:02
425	BUK	Ankara Cubuk	TUR	FIN	ks	20:02
983	NU	Urgench	UZB	FIN	ks	16:32
480	SSS	(UNID)	XUE	FIN	ks	15:41
325	MS	(UNID)	XUE	FIN	ks	19:03
369	ZDX	Coolidge Saint Johns	ATG	HOL	rb	03:46
350	DWN	Devnya for Varna	BUL	HOL	rb	22:48
520	F9	Miramichi Chatham, NB	CAN	HOL	rb	01:27
250	YMH	Mary's Harbour, NL	CAN	HOL	rb	06:15
273	DOM	Marigot Melville Hall	DMA	HOL	rb	02:18
355	RK	Reykjavik	ISL	HOL	rb	02:08
1285	SW	Savelovo	RUS	HOL	rb	18:59
445	KM	Kem	RUS	HOL	rb	23:00
319	VAR	Stavanger Sola.	NOR	SAR	gc	23:27
309.5	TR	Mys Tarkhankutskiy	UKR	SAR	gc	22:45
404	AGO	Angouleme	FRA	SCT	ds	02:00
406	TW	Toulouse Blagnac	FRA	SCT	ds	02:08
423	TS	Toulouse Blagnac	FRA	SCT	ds	02:23
kHz	C/S	Location	Cou	Reporter	UTC	

## 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)

<b>THEN:</b>	CLE163	'DX and HOME'	23 - 26 Nov.2012
<b>NOW:</b>	CLE187	'DX and HOME'	24 - 27 Oct. 2014

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		171		8		45		446
FIN ro		288		11		38		700
ITA rz		203		1		6		296
ITA ti		1343		9		7		7556
SAR gc		2849		51		18		7469
SCT ds		399		5		13		1459
<b>Averages:</b>		875		14		21		2988

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	1638	1672	62	62	38	37	6981	4940
CZE ze	1179	990	27	28	23	28	5075	5075
DEU bd	483	380	41	28	84	74	3474	2324
DEU hw	1684	1702	231	221	137	130	7522	7522
DEU je	801	1016	61	83	76	82	5004	7479
ENG bk	1249	1409	109	134	87	95	6761	6761
ENG hh	882	1513	61	168	69	111	6714	6847
ENG me	1690	1874	135	204	80	109	7110	7110
ENG px	564	814	27	50	47	62	3837	6728
FIN jt	1237	3123	111	125	90	40	5326	8231
FIN ks	373	2478	23	171	62	69	871	4549
HOL rb	2675	2777	174	192	65	69	7333	7039
ITA mr	234	321	6	14	26	44	684	943
<b>Averages:</b>	1130	1544	82	114	68	73	5130	5811
<b>% Increase:</b>		37		39		7		13

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  
(Any 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 listening plan 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.