

NDB LIST CLE No. 212 270 - 319.9 kHz 28 - 31 Oct. 2016, midday-midday local time

COMBINED RESULTS  
EUROPE

For overall statistics, please see the covering email.

Reporters:

BEL	pr	Patrick Reynaert, Verrijk
CZE	jv	Jaroslav Tomek, Ostrava
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	me	Mike Thayne, Whitley Bay
ENG	mt	Mike Trodd, Yapton, near Arundel, W Sussex
ENG	pt	John Pitty, Horsham, East Sussex
ENG	px	Peter Greateorex, Bolsover, Derbyshire
ENG	re	Ray Evans, Bolsover, Derbyshire
FIN	jt	Jarno Fält, Tampere
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola
FIN	ro	Raimo Karjalainen, Laukaa, near Jyväskylä
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)
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. 18 indicates logged between 18:00-18:59 UTC)

Cou	kHz	Call	Location	BEL pr	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	FIN jt	FIN ks	FIN ro	FRA jj	HOL rb	ITA wb	NOR g5	RUS vp	SCT ds
ALB	290	TR	Tirana Rinas	18	17	18	23	20	17	17		18	17	20	18	05	19	20		23	20		17	19			
ALG	304	MOK	Bordj Mokhtar						00																		
AUT	290	GRZ	Graz	18	16	18	19	16	16	17		21	17	23	20		19	19		22	18		10	19		21	
AUT	293	STE	Wien Steinhof		16	18	19	16	17	01			19	01				23	18	18		23				19	
AUT	303	RTT	Innsbruck Rattenberg	21	16	15	18	15	22	21		19	22								20		17	20			
AUT	313	AB	Innsbruck Absam	01	16	15	18	17	17	17			22	01		21	22	20				23	17	20			
AUT	313	KI	Klagenfurt	23	18	21	20	01	20	00				00			22	20		02			19				
BEL	290	ONL	Liege Bierset	18		21	20		11	17		11	14	12	12	22	19	20				23	10				02
BEL	293	OB	Brussels National	18		01			11	17		11	14	12	12	11	18	20				23	10				23
BEL	314	OZ	Brussels National	21					21	17	03	11	14	12	12	21	18	19				23	10				02
BLR	308	G	Minsk 2						03	01			21						17	22			20			15	
BLR	308	V	Minsk 2						17	20			19							18						15	
BRI	316	BJO	Bjornoya Is. (Bear Is.)																16								
BUL	284	GRN	Gorna Oryahovista.	23	16	18	19	19	17	18		19	17	00	18	20	19	20	18	21	19	23	19	18	23	17	23
BUL	305	GOR	Gorna Oryahovitsa			00			22											18			18			19	
BUL	312	BOZ	Bozhurishte	21	16	19	18	00	17	18		22	18	00	18		21	20	18	22		23	17	20		17	02
CAN	276	YHR	Chevery, QC						00														00				
CAN	280	QX	Gander, NL	03					00				23	03				23					00				
CAN	305	LT	Alert, NU						23																		
CPV	274	SAL	Sal Is. Amilcar Cabral	01		00	00		03	02		22	22	22	22	22	22	22				23	00		01		22
CZE	300	KD	Praha East Kbely	00	16	15	17	15	11	19			19				21	21					20				
CZE	319	C	Prerov		16																						
DEU	284	FSB	Fassberg	23		00	20		11	17		19	22	03			20	20		19	19		10				00
DEU	284.5	DY	Dusseldorf	08					16														10				
DEU	286	HFX	Hohenfels	18		18	23		17	22										19							
DEU	292	NKR	Neckar			18	23		17	22								20					01				
DEU	297	FR	Frankfurt			01		14	11																		
DEU	299	SL	Berlin Schonefeld			19		11	11																		
DEU	300.5	LW	KoIn Bonn	14			18		11	18		11	17	00			18	21					10				02
DEU	309	MW	Berlin Schonefeld	22		19	18	11	17	18			22						17	17							
DEU	311	CEL	Celle	22		15	19	11	11	18			18	22						17			10		01		
DEU	311	LMA	Lima Bruggen	21	18	19	20	16	11	17	03	11	14	12	19	20	18	20		04		23	10	21	00		23



IRN	310	GGN	Gorgan						17								18								19			
ITA	285	URB	Roma Urbe (RM)	18		18	23		21	23				03				00		02					19	18		
ITA	292	NOV	Milano Novara (NO)			20	22																		19			
ITA	301.5	CMP	Campagnano (RM)	21		20	20		05	23					22	19				04				19	20			
ITA	301.5	TRE	Treviso (TV)		19	01	20		05					02	03			21						03	20			
ITA	312	TAQ	Tarquinia (VT)	22					21						02					02				20	22			
LUX	307	DIK	Diekirch	21		19	20	16	11	18		11	14	00	19	18	18	20		04			23	10	20	02		
LUX	318	LE	Luxembourg Est	05		01	22		21	19		17	19	20		18	18	23		04			23	10				
MKD	295	PT	Skopje		16	19	19	01	17	19							20	20							19			
MKD	297	PEP	Prilep			02	23	22	01																22			
MNE	302	NIK	Niksic	23		19	18	01	01	22			21	01				21	19	22				17	19	21		
MNE	308	MOJ	Mojkovac	21	19	21	18	22	17	18			18	01				20	17	18	20			17	20	17		
MNE	312	DAN	Podgorica Danilovgrad	00	19	21	18		17	22				17									18	21				
MRC	275	CAE	Ben Slimane									21						22										
MRC	282	NSR	Casablanca Mohamed									19	01	00	20	18	20	19					23	19		00		
NGR	293	ARL	Arlit			01			04														23					
NOR	284.5	LVK	Namsos Leirvika						23										18	19								
NOR	299.5	KN	Svolvaer Skrova						04			19		22					16	19			22	19				
NOR	303	KPG	Sogndal Kaupanger	23					21	19		21		01		21	23	20					23	20		02		
NOR	308.5	HLN	Honningsvag Helnes																17									
NOR	317	STT	Bodo Stott									21							17	17								
NOR	319	VAR	Stavanger Sola.	20	20	21	23	23	10	18	03	11	14	12	20	20	18	19	18	18	22		23	10	23	01	21	23
PAK	308	PS	Peshawar																	18								
POL	280	ND	Swidwin	23	17	20	18	16	16	19			02	03			22			20				18		23		
POL	282	NF	Minsk Mazowiecki			00	18		19	01			19							16								
POL	290	NW	Oknywie			18		06	16																			
POL	300	NE	Pruszcz Gdanski	23	16	15	18	19	17	19		17	19	22			22	23	18	04			23	17		17	22	
ROU	318	OTR	Bucharest Otopeni			20	22		21	22									18	18						15		
RSE	315	RN	Roschino						20																	17		
RUS	276	SC	Sleptovskaya Ingushetia																							15		
RUS	277	PO	St. Petersburg Pulkovo.						02	01										04								
RUS	286	FR	Kaluga Grabtsevo																	19						15		
RUS	286	R	Penza						18										18	03						15		
RUS	286	WI	Kaluga Grabtsevo.																							03		
RUS	287	BE	Kurumoch Samara																	21						16		
RUS	288	DG	Maykop Khanskaya																							15		
RUS	289	AP	Chertovitskoye Voronezh			00			17											18						17		
RUS	289	WR	Chertovitskoye Voronezh			20			18	20				22				20	18	17	20					15		
RUS	294	GT	Moscow Vnukovo																							14		
RUS	294	Yu	Shaykovka																	20								





AUT	Austria	4	5	5	5	5	5	2	4	4	1	1	3	4	1	3	2	2	4	3		2	
BEL	Belgium	3		2	1		3	3	1	3	3	3	3	3				2	3				3
BLR	Belarus						2	2							1	2			1			2	
BRI	Bear Is.(Bjornoya)														1								
BUL	Bulgaria	2	2	3	2	2	3	2	2	2	2	1	2	2	2	3	1	2	3	2	1	3	2
CAN	Canada NL	1					1			1	1			1					1				
CAN	Canada NU						1																
CAN	Canada QC						1												1				
CPV	Cape Verde Is.	1		1	1		1	1		1	1	1	1	1				1	1		1		1
CZE	Czech Rep.	1	2	1	1	1	1	1					1	1					1				
DEU	Germany	11	1	12	11	9	14	11	2	4	9	8	2	2	5	7	2	7	1	3	10	1	3
DMA	Dominica							1												1			
DNK	Denmark						1	1															
ENG	England	2		1			3	2	3	3	3	3	2	2	3	3		1		2	2		2
ESP	Spain	2		2			4	1		2		2	3	1	3	3				2	4	2	3
EST	Estonia	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1		1	
FIN	Finland						1									2	2						1
FRA	France	7	1	6			9	7	3	5	6	10	6	6	9	8				5	9	5	9
GRC	Greece			1			1																
HNG	Hungary	1		2	2	1	4	2			1	1				1	2	2			1		1
HRV	Croatia	2	1	3	3	1	3	3		1	3	2	1		1	2	2	2		2	3	3	1
IRL	Ireland	1					1	1	1	1	1	1	1		1	1				1	1		1
IRN	Iran						2									1	2						3
ITA	Italy	3	1	4	4		4	2			2	3	1			2		3			4	5	
LUX	Luxembourg	2		2	2	1	2	2		2	2	2	1	2	2	2		2		2	2	1	1
MKD	Macedonia		1	2	2	2	2	1							1	1						2	
MNE	Montenegro	3	2	3	3	2	3	3			2	3				2	2	2	1		3	3	2
MRC	Morocco									2	1	1	2	1	1	2				1	1		1
NGR	Niger			1			1								1						1		
NOR	Norway	2	1	1	1	1	4	2	1	4	1	3	1	2	2	2	5	4	1	3	3	1	2
PAK	Pakistan																						
POL	Poland	2	2	4	3	3	4	3		1	3	2			2	1	1	3		1	2		1
ROU	Romania			1	1		1	1									1	1					1
RSE	Russia (East)						1																1
RUS	Russia (Eu)		1	3			8	2			2	2				2	4	18	3		1		23
SAR	Sardinia	1		1	1		1									1						1	
SCT	Scotland						1			1	1	1			1	1					1		1
SCY	Sicily	1	1	1	1		1	1		1	1	1	1		1					1	1	1	
SHE	Shetland Is.						1					1									1		
SRB	Serbia			3	1	1	3	2				1	1		1	1		2			3	1	1
SVK	Slovakia	2	2	2	2	2	2		1	2	2	2	1		1	2	2	2		1	2		2
SVN	Slovenia			1		1	1	1			1	1								1	1		

SWE	Sweden	3	2	5	5	2	6	6		3	3	6		1	3	3	4	7	4	1	3		5	2	1
TUN	Tunisia	1		1	1		1			1	1	1	1									1			
TUR	Turkey						2	1										5						5	
UKR	Ukraine		3	3	3		5	5						1			4	4	1			1	3		6
XUE	UNID		1				1												1						
XUF	UNID	1		1	1		1				1				1	1		1						1	
XUU	UNID																							1	
<b>Cou</b>	<b>Country</b>	<b>BEL pr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>DEU je</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG mt</b>	<b>ENG pt</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FIN ro</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA wb</b>	<b>NOR g5</b>	<b>RUS vp</b>	<b>SCT ds</b>

**LISTENING TIMES:**

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

UTC (hh)	BEL pr	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	FIN jt	FIN ks	FIN ro	FRA jj	HOL rb	ITA wb	NOR g5	RUS vp	SCT ds
00:00 - 00:59	3		12	1	3	3	4			1	20				3		1			5		4		5
01:00 - 01:59	3		10		3	3	8			1	14				1					2		6		
02:00 - 02:59			3			7	3			2	3		2				3			2		1		15
03:00 - 03:59	1					4	2	12		1	8						2			1			1	
04:00 - 04:59	1					3						2					9			3				
05:00 - 05:59	3					12			1			2	2											
06:00 - 06:59					2													1						
07:00 - 07:59																								
08:00 - 08:59	2																							
09:00 - 09:59																								
10:00 - 10:59					1	5														20				
11:00 - 11:59					3	10			13				3										1	
12:00 - 12:59											9	9												2
13:00 - 13:59														1			1							
14:00 - 14:59	2				1					11						3							2	
15:00 - 15:59			7		3					2													17	
16:00 - 16:59		12	2		5	6			1							3	2						1	
17:00 - 17:59	1	5		1	2	33	13		3	4	1					11	11	2		15			15	
18:00 - 18:59	6	2	11	15		3	18		2	8		3	4	13		14	12	2		6	2		2	



19:00 - 19:59	1	6	12	8	5	3	10	8	10	4	1	6	11	7	12	2	13	8	9					
20:00 - 20:59	5	6	14	9	2	8	2	2	1	4	11	3	4	21	4	8	10	14	6					
21:00 - 21:59	13		9	2	2	12	2	6	7	1	6	8	10	6	1	2	3	5						
22:00 - 22:59	7		10	3	6	13	4	10	9	2	4	10	6	14	1	2	2	2						
23:00 - 23:59	13		13	1	2	4	3	4	1			9	10	5	34	1	6	3	10					
<b>UTC (hh)</b>	<b>BEL pr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU bd</b>	<b>DEU hw</b>	<b>DEU je</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG mt</b>	<b>ENG pt</b>	<b>ENG px</b>	<b>ENG re</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FIN ro</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA wb</b>	<b>NOR g5</b>	<b>RUS vp</b>	<b>SCT ds</b>
Totals:	61	31	80	59	36	120	79	12	43	62	70	33	25	51	62	38	82	17	35	80	35	14	61	34

**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	BEL pr	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	FIN jt	FIN ks	FIN ro	FRA jj	HOL rb	ITA wb	NOR g5	RUS vp	SCT ds
1	273							1													1				
1	274	1		1	1		1	1		1	1	1	1	1	1	1				1	1		1		1
3	275	2		2	2		2			2	2	1	2		1	2		1			2			1	
2	276						1														1			1	
2	277	1		1			2	2	1	1	1	1	1	1	1	1		1		1	1				1
2	280	2	1	1	1	1	2	1			2	2			1	1		1			2		1		
2	282			1	1		1	1		1	2	1	1	1	1	1		1		1	1				1
1	283																								
2	284	2	1	2	2	1	2	2		2	2	2	1	1	2	2	1	2	2	1	2	1	1	1	2
2	284.5	1					2										1	1			1				
7	285	1		4	2	1	3	2		2	2	1	1		2	3	1	4		2	3	2	1	3	1
4	286	1		1	1		2	1									1	3						3	
1	286.5	1						1		1	1	1	1	1	1	1					1				1
1	287																		1						1
2	288						1																	1	
4	289	1		4	1		4	3			2	2			1	2	1	2	1		2	1		2	
6	290	3	3	5	3	3	5	4		3	3	3	3	2	3	3	1	4	3	1	4	2		2	1
2	291			2			2	1							1						1	1			1
3	292			2	2		2	1								1		1			1	1		1	
3	293	1	1	3	1	1	3	2		1	2	2	1	1	2	2	1	1		2	2			1	1
3	294			1			1											1			1			1	
5	295		2	2	2	2	4	3							2	1	2	2				1		2	
1	296			1		1	1	1			1	1								1	1				

3	297			2	1	2	3					1										2					
2	299			1		1	2					1										1	1		1		
1	299.5						1			1		1				1	1				1	1					
9	300	3	2	4	4	4	7	4		2	3	3	1	1	4	4	3	4	1		1	1	4	1	1	7	2
1	300.5	1			1		1	1		1	1	1										1				1	
2	301.5	1	1	2	2		2	1			1	2	1			1		1				2	2				
3	302	1		2	1	1	2	1			1	2			1	2	1	1				1	1	1		2	1
3	303	2	1	1	1	1	2	2		2	1	1		1	1	1	1	1	2		2	1	1	1	1	1	1
3	304						1											2								1	
5	305			1			2										2									4	
1	306	1		1	1		1	1			1	1				1	1	1				1				1	
1	306.5	1		1			1	1	1	1	1	1	1	1	1	1						1	1	1			1
4	307	1	2	2	1	1	3	1		1	2	1	1	1	1	1	1	3	1		1	1	2	1		2	1
5	308	1	1	1	1	1	4	3			3	1				1	2	4			1	3	1			3	
1	308.5															1											
4	309	3	2	3	2	1	3	3		2	3	2	1	1	2	2	1	2			1	1	2	1	1	1	1
3	309.5		1	1	3			3															3				
6	310	2	1	2	1	1	5	1		2	1	2	2	1	2	2	4	4			1	2	2	1		4	2
3	311	3	1	3	3	3	3	3	1	1	3	3	1	1	1	1		2				1	3	1	2		1
6	312	3	2	3	3	1	5	4		1	1	5	1		1	1	2	5			1	1	3	3	1	2	1
1	312.5																										1
3	313	2	2	2	2	2	3	2			1	2		1	2	2		1				1	2	1			
1	314	1					1	1	1	1	1	1	1	1	1	1						1	1				1
8	315	2		1	1	1	5	2	1	1	3	3	1	1	1	3	2	6			1	2	2		1	6	2
1	315.5						1			1		1										1					
8	316	4	1	3	2	1	7	5	2	3	4	4	2	1	4	5	2	3				3	5	2		1	3
5	317	3	2	3	2	2	4	4	2	3	3	3	2	2	1	3	3	4			1	2	3		1	3	1
1	317.5	1	1	1	1		1	1		1	1	1	1									1	1	1			
9	318	6	1	6	6	2	7	6	2	4	5	7	3	3	5	6	3	6				3	5	1	1	1	3
4	319	2	2	1	1	1	2	2	1	1	1	2	2	1	2	2	1	2			1	1	2	1	1	1	2
<b>NDBs</b>	<b>kHz</b>	<b>BEL</b> <b>pr</b>	<b>CZE</b> <b>jv</b>	<b>CZE</b> <b>my</b>	<b>CZE</b> <b>ze</b>	<b>DEU</b> <b>bd</b>	<b>DEU</b> <b>hw</b>	<b>DEU</b> <b>je</b>	<b>ENG</b> <b>ag</b>	<b>ENG</b> <b>bk</b>	<b>ENG</b> <b>hh</b>	<b>ENG</b> <b>me</b>	<b>ENG</b> <b>mt</b>	<b>ENG</b> <b>pt</b>	<b>ENG</b> <b>px</b>	<b>ENG</b> <b>re</b>	<b>FIN</b> <b>jt</b>	<b>FIN</b> <b>ks</b>	<b>FIN</b> <b>ro</b>	<b>FRA</b> <b>jj</b>	<b>HOL</b> <b>rb</b>	<b>ITA</b> <b>wb</b>	<b>NOR</b> <b>g5</b>	<b>RUS</b> <b>vp</b>	<b>SCT</b> <b>ds</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
319	C	Prerov	CZE	<b>CZE</b> <b>ju</b>	16:51
307	I	(UNID)	XUE	<b>CZE</b> <b>ju</b>	19:05
285	GR	Granada	ESP	<b>CZE</b> <b>my</b>	20:45
304	MOK	Bordj Mokhtar	ALG	<b>DEU</b> <b>hw</b>	00:42
305	LT	Alert, NU	CAN	<b>DEU</b> <b>hw</b>	23:58
288	MNR	Monor for Ferihegy	HNG	<b>DEU</b> <b>hw</b>	16:41
313	NT	Kecskemet	HNG	<b>DEU</b> <b>hw</b>	17:08
300	OEB	(UNID)	XUE	<b>DEU</b> <b>hw</b>	22:02
316	BJO	Bjornoya Is. (Bear Is.)	BRI	<b>FIN</b> <b>jt</b>	16:05
308.5	HLN	Honningsvag Heines	NOR	<b>FIN</b> <b>jt</b>	17:29
290	KER	Kerman	IRN	<b>FIN</b> <b>ks</b>	22:10
308	PS	Peshawar	PAK	<b>FIN</b> <b>ks</b>	18:38
304	BF	Ukhta	RUS	<b>FIN</b> <b>ks</b>	17:07
294	Yu	Shaykovka	RUS	<b>FIN</b> <b>ks</b>	20:12
319	MUS	Mus	TUR	<b>FIN</b> <b>ks</b>	23:12
285	N	Simferopol	UKR	<b>FIN</b> <b>ks</b>	19:09
283	AM	(UNID)	XUE	<b>FIN</b> <b>ks</b>	21:07
309	ISR	Iranshahr	IRN	<b>RUS</b> <b>vp</b>	21:15
286	WI	Kaluga Grabtsevo.	RUS	<b>RUS</b> <b>vp</b>	03:49
300	LM	Ryazan Dyagilevo	RUS	<b>RUS</b> <b>vp</b>	11:44
305	N	Ostafyevo	RUS	<b>RUS</b> <b>vp</b>	14:05
294	GT	Moscow Vnukovo	RUS	<b>RUS</b> <b>vp</b>	14:28
305	OO	Rtishchevo	RUS	<b>RUS</b> <b>vp</b>	15:04
300	AR	Ryazan Dyagilevo	RUS	<b>RUS</b> <b>vp</b>	15:06
276	SC	Sleptovskaya Ingushetia	RUS	<b>RUS</b> <b>vp</b>	15:13
288	DG	Maykop Khanskaya	RUS	<b>RUS</b> <b>vp</b>	15:29
302	YT	Antalya	TUR	<b>RUS</b> <b>vp</b>	22:43
285	F	Simferopol	UKR	<b>RUS</b> <b>vp</b>	17:02
312.5	AT	Mys Aytodorskiy	UKR	<b>RUS</b> <b>vp</b>	19:05
295	BDR	(UNID)	XUU	<b>RUS</b> <b>vp</b>	20:51
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)

**THEN:** CLE195 270 - 319.9 kHz 19 - 22 Jun 2015  
**NOW:** CLE212 270 - 319.9 kHz 28 - 31 Oct 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
BEL pr		925		55		60		4528
DEU je		1066		84		79		7398
ENG ag		596		7		12		1642
ENG pt		962		24		25		4320
FIN jt		1272		48		38		3022
FIN ks		1543		123		80		4356
FIN ro		1219		21		17		2373
RUS vp		1161		69		59		3722
<b>Averages:</b>		1093		54		46		3920

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	768	743	15	22	20	30	1717	1717
CZE my	890	881	55	70	62	79	4932	4932
CZE ze	717	822	35	48	49	58	1520	5075
DEU bd	747	659	28	24	38	36	1796	1389
DEU hw	1160	1235	129	146	111	118	4955	4955
ENG bk	1053	1127	36	48	34	43	4335	4335
ENG hh	1373	1289	87	79	63	61	4416	4416
ENG me	1432	1360	113	95	79	70	4644	4644
ENG mt	1017	1154	21	38	21	33	4284	4284
ENG px	891	1215	17	61	19	50	4479	4479

ENG re	1088	1303	46	80	42	61	4480	4480
FRA jj	921	1029	24	36	26	35	4353	4353
HOL rb	1159	1226	81	97	70	79	4526	6936
ITA wb	814	799	20	28	24	35	1935	1935
NOR g5	893	969	18	14	20	14	2110	5356
SCT ds	1404	1332	49	45	35	34	4612	4612
<b>Averages:</b>	1020	1072	48	58	45	52	3693	4244
<b>% Increase:</b>		5		20		17		15

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 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.