

**NDB LIST CLE No. 167 270 - 319.9 kHz 22 - 25 Feb. 2013, midday-midday local time**

**COMBINED RESULTS  
EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

AUT	<b>pc</b>	Patrick Robic, Leibnitz
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
DEU	<b>je</b>	Joachim Rabe, Norderstedt, north of Hamburg
ENG	<b>ag</b>	Alan Gale, Whitworth, Lancashire
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>ds</b>	David Atkins, Abbots Langley
ENG	<b>hh</b>	Brian Heath, Stapleton, Leicestershire
ENG	<b>me</b>	Mike Thayne, Whitley Bay
ENG	<b>px</b>	Peter Greateorex, Bolsover, Derbyshire
FIN	<b>jt</b>	Jarno Fält, Tampere
FIN	<b>ks</b>	Kari Syrjänen, Aitomaki, near Kouvola
FIN	<b>r2</b>	Raimo Karjalainen, while at Siikalatva, Rantsila
FIN	<b>ro</b>	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA	<b>jj</b>	Jean Jacquemin, Bethune, Merville, near Lille
HOL	<b>rb</b>	Roelof Bakker, Middelburg, Zealand
HOL	<b>z1</b>	Dan Petersen (WA), University of Twente, Enschede
SUI	<b>ps</b>	Peter Schleuss, Winterthur
SWE	<b>bn</b>	Bo Nensen, Hanabäckliden, Örnköldsvik
SWE	<b>gn</b>	Goran Norstedt, Lomma, near Malmo

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

Any 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. 22 indicates logged between 22:00-22:59).

Cou	kHz	Call	Location	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	HOL rb	HOL z1	SUI ps	SWE bn	SWE gn
ALB	290	TR	Tirana Rinas		19	2	20	20	16	1		22	3	22	1	21		0			3	21	21	16		21
ALG	304	MOK	Bordj Mokhtar						23																	
AUT	290	GRZ	Graz	22	14	12	17	15	16	1		19					22	0	21	21	20	22		16		
AUT	293	STE	Wien Steinhof		14	12	17	19	16	1					4			0						22		
AUT	303	RTT	Innsbruck Rattenberg	22	23	12	21	17	16	1		18			23	3		0			22	22	2	11		
AUT	313	AB	Innsbruck Absam	21	21	21	21	0	19														2		14	
AUT	313	KI	Klagenfurt	21	21	21	21	0	19	1													1		20	
AUT	315	TF	Wiener Neustadt E		14	12	0	1	1	1								0					21			
BEL	290	ONL	Liege Bierset			2		20	16	1	22	12	1	13	1	14		0			2	10	21	21		
BEL	293	OB	Brussels National					21	16	1	0	12	1	13	2	15		0			5	10	22			23
BEL	314	OZ	Brussels National					2	19	20	2	12	3	13	12	15		0			5	11	6			
BLR	308	G	Minsk 2			2			17						2			18					3			
BLR	308	V	Minsk 2						22								22	0								
BRI	316	BJO	Bjornoya Is.						21						1		22	4					21		18	
BUL	284	GRN	Gorna Oryahovista	22	20	1	20	0	2			23	0	1	2	21	22				2	4		20		22
BUL	305	GOR	Gorna Oryahovitsa		21	2	23	21	23	21																
BUL	312	BOZ	Bozhurishte	22	19	21	20	21	19	21		23		2									21	3	21	
CAN	276	YHR	Chevery, QC						5			3		2	2	23							4			
CAN	280	QX	Gander, NL						5			4		2	2								1			
CAN	281	CA	Cartwright, NL						5					2	1								3			
CAN	305	LT	Alert, NU						1	1					0								1			
CAN	305	YQ	Churchill, MB						4						4								4			
CPV	274	SAL	Sal Is. Amilcar Cabral			1			2		2	22	23	23	1	23					0	1	23			
CZE	300	KD	Praha East Kbely		23	12	17	13	16	22				23				4								
CZE	319	C	Prerov		14	12	17	15	16	18					2		0	4					21			
DEU	284	FSB	Fassberg			1	23	13	16	17	22	22	0	22	2	20		3					10	18		22
DEU	284.5	DY	Dusseldorf					15	16			12									2	10	21			



FRA	302	ROM	Rodez Marcillac			2		1	4			23	1	1						23	3			
FRA	306.5	AV	Avord			2		2	23	1	2	12	2	22	23	20		5			3	10	2	20
FRA	309	DO	Dole Tavaux			2			2		1				1							1	17	
FRA	315	HOL	Villacoublay Velizy						1	1						0				23	11	4		
FRA	317	MM	Montceau les Mines										3											
FRA	317	VS	Valenciennes Denain			2		17	16	1	13	12	3	13	12	15				2	11	6	3	23
FRA	318	BE	Bordeaux Merignac			3			2		21	20	3		21					1	2		22	
GRC	291	KZN	Kozani					1	2															
GRC	299	HIO	Khios						22															
HNG	295	DC	Debrecen			20																		
HNG	306	TPS	Tapiosap		14	12	19	23	6															
HRV	289	RI	Rijeka Krk			1	20	20	5	1													20	
HRV	316	TNJ	Tounj	21	23	21	20	20	16	1		21		23	1	21	20	4		2	21	20	20	
HRV	318	KLP	Dubrovnik Kolocep	21	19	21	20	21	4	1					1			1		2	21		20	
IRL	316	OE	Dublin			2			1	1	13	12	3	13	12	15						20		
IRN	300	TBZ	Tabriz						19															
IRN	310	GGN	Gorgan						1															
IRN	317	HAM	Hamadan						23															
ISL	305.7	DA	Dalatangi ls.						21	21		22		2	1	22						21		
ITA	285	URB	Roma Urbe					0	0	5							3							
ITA	301.5	CMP	Campagnano	21	21	2	1	20	19	1		4		22	4					0	4	1	20	
ITA	301.5	TRE	Treviso			21	1	1	3	1					3		2		1		21		3	
ITA	306	PAR	Parma			21	23	0	19	23		22		22							21		20	
ITA	312	TAQ	Tarquinia			1			19															
ITA	318	GEN	Genova Sestri			2	23		2						21		3		21	1				
KAL	312.5	BT	Mys Taran		20		21																	
KAZ	315	TY	Atyrau						22								21	21						
LBY	273	GAL	Giallo			2																		
LBY	287	GAD	Ghadames						2	2														
LBY	300	OJ	Es Sider						1															
LUX	307	DIK	Diekirch			12	19	13	16	20	22	12	2	13	1	20	5		22	10	3	11	21	
LUX	318	LE	Luxembourg Est				23	19			2	12	11	13	21	21	5		22	11		11		
MKD	295	PT	Skopje	23	23	2		23	3	0													21	
MKD	297	PEP	Prilep			22	1		3															
MNE	302	NIK	Niksic		23	21	19	20	17	1				23	3		1				2	2	1	
MNE	308	MOJ	Mojkovac	22	23	21	19	19	16	1				2	1		0				21	3	20	21
MNE	312	DAN	Podgorica Danilovgrad	23	23	21	20	0	19	1				23					2	21	3	22		



SWE	300	SC	Linkoping Malmen		21	2	1	20	16	18		20		22	2	22	22	18	18	21		21	23		17	21
SWE	309	LG	Satenas		21	2	22	20	16	0		20	2	22	2		22	5	18	21		21	3		17	21
SWE	310	A	Gallivare														1									
SWE	312	DJ	Ostersund Froson						20	21						22		18	21					17		
SWE	312	KBG	Karlsborg		21	2	23	20	20	0						0	18	21							22	
SWE	318	LP	Ronneby Kallinge		21	3	22	21	16	0	20	22		22	2		22	18		19		21	0		22	
TUN	275	MS	Monastir Msaken			1		23	1	1																
TUR	315	EN	Izmir Menderes						23																	
UKR	290	IV	Ivano Frankovsk		19				16																	
UKR	295	ZP	Zaporizhzhia						19																	
UKR	309.5	Eya	Mys Yevpatoriyskiy				22															0				
UKR	309.5	SW	Mys Khersonesskiy		21		22			0												0				
UKR	309.5	TR	Mys Tarkhankutskiy				22															0		23		
UKR	310	NO	Kiev Borispol						21							22								1		
XUE	275	NJF	(UNID)						0																	
XUE	309	H	(UNID)																	21						
XUF	275	O	(UNID) LBY?		23			23	2	0				2								1	3			
XUF	285	OSR	(UNID)						2																	
Cou	kHz	Call	Location	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	HOL rb	HOL z1	SUI ps	SWE bn	SWE gn

**COUNTRIES HEARD:**

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

Cou	Country	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	HOL rb	HOL z1	SUI ps	SWE bn	SWE gn
ALB	Albania		1	1	1	1	1	1		1	1	1	1	1		1			1	1	1	1		1
ALG	Algeria						1																	
AUT	Austria	4	6	6	6	6	6	5		2		1	2		1	4	1	1	2	5	1	5		
BEL	Belgium			1		3	3	3	3	3	3	3	3	3		3			3	3	3	1		1
BLR	Belarus			1			2						1		1	2				1				
BRI	Bear Is.(Bjornoya)						1						1		1	1				1			1	
BUL	Bulgaria	2	3	3	3	3	3	2		2	1	2	1	1	1				1	2	1	2		1
CAN	Canada MB						1						1							1				
CAN	Canada NL						2			1		2	2							2				
CAN	Canada NU						1	1					1							1				
CAN	Canada QC						1			1		1	1	1						1				
CPV	Cape Verde Is.			1			1		1	1	1	1	1	1					1	1	1			
CZE	Czech Rep.		2	2	2	2	2	2				1	1		1	2				1				
DEU	Germany		1	12	12	14	14	10	2	4	4	4	5	6	2	7			5	9	8	5		4
DNK	Denmark					1	1	1								1								1
ENG	England					1	3	2	3	3	3	3	3	3		2			2	3	2			
ESP	Spain			2			2	1	1	3	3	1	3	2					2	3				
EST	Estonia						1									1			1					
FIN	Finland		3	5	3	4	7	7	1	4		3	3	1	7	6	7	7		5	2		8	4
FRA	France			8		6	11	4	5	6	8	6	5	3		1			7	10	4	8		1
GRC	Greece					1	2																	
HNG	Hungary		1	2	1	1	1																	
HRV	Croatia	2	2	3	3	3	3	3		1		1	2	1	1	2			2	2	1	3		
IRL	Ireland			1			1	1	1	1	1	1	1	1						1				
IRN	Iran						3																	
ISL	Iceland						1	1		1		1	1	1						1				
ITA	Italy	1	1	5	5	4	6	3		2		2	3			3			3	4	1	3		
KAL	Kaliningrad		1		1																			
KAZ	Kazakhstan						1									1	1							
LBY	Libya			1			2	1																
LUX	Luxembourg			1	2	2	1	1	2	2	2	2	2	2		2			2	2	1	2		1
MKD	Macedonia	1	1	2	1	1	2	1														1		
MNE	Montenegro	2	3	3	3	3	3	3				3	2			2			1	3	3	3		1

MRC	Morocco								2	1									1					
NGR	Niger					1													1					
NOR	Norway	1	2	1	3	5	3	2	3	1	3	4	2	5	4	3	3	1	4	3	1	4	3	
POL	Poland	1	2	2	4	3	5	2		1	1		1	4	1	2	1	1	1	1			1	
ROU	Romania					1	1																	
RSE	Russia (East)														1									
RUS	Russia (Eu)	2	4		2	8	1				2	2		5	6	3	4		1			1	1	
SCT	Scotland					1			1		1	1							1					
SCY	Sicily	1	1	1	1	1	1	1			1				1			1	1	1	1			
SHE	Shetland Is.					1	1		1			1							1					
SRB	Serbia	1	1	2	1	3	3	2							1				2		1			
SVK	Slovakia	1	3	2	2	2	2	2			1	2		2	2				2	2	1			
SWE	Sweden	4	5	4	5	6	6	2	4	1	4	4	1	7	5	5	5		4	3		3	5	
TUN	Tunisia			1		1	1	1																
TUR	Turkey					1																		
UKR	Ukraine	2			3		3	1						1					3		2			
XUE	UNID					1											1							
XUF	UNID	1				1	2	1			1								1	1				
<b>Cou</b>	<b>Country</b>	<b>AUT</b> pc	<b>CZE</b> jv	<b>CZE</b> my	<b>CZE</b> ze	<b>DEU</b> bd	<b>DEU</b> hw	<b>DEU</b> je	<b>ENG</b> ag	<b>ENG</b> bk	<b>ENG</b> ds	<b>ENG</b> hh	<b>ENG</b> me	<b>ENG</b> px	<b>FIN</b> jt	<b>FIN</b> ks	<b>FIN</b> r2	<b>FIN</b> ro	<b>FRA</b> jj	<b>HOL</b> rb	<b>HOL</b> z1	<b>SUI</b> ps	<b>SWE</b> bn	<b>SWE</b> gn



**LISTENING TIMES:**

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

UTC (hh)	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	HOL rb	HOL z1	SUI ps	SWE bn	SWE gn
00:00 - 00:59				3	12	3	16	2		4	5	2	2	3	11			3	6	2			
01:00 - 01:59			10	6	10	13	29	1		6	2	17		1	4			2	8	2	2		
02:00 - 02:59			30		3	10	1	5		4	8	12			2			12	5	3			
03:00 - 03:59			4			7	1		1	10		6			3			4	4	11	5		
04:00 - 04:59						5			3			4			10			3	5	1			
05:00 - 05:59						8									9			4	2				
06:00 - 06:59						3														6			
07:00 - 07:59																							
08:00 - 08:59																							
09:00 - 09:59																							
10:00 - 10:59										3									13				
11:00 - 11:59										2									8		8		
12:00 - 12:59			17						17			8											
13:00 - 13:59			3		7			5			11												
14:00 - 14:59		10			4			1					2								1		
15:00 - 15:59					7							8				1				1			
16:00 - 16:59				1		39	1				1										2	1	
17:00 - 17:59				7	5	3	4														1	15	
18:00 - 18:59				1	3		5		2						24	14	5			2		1	
19:00 - 19:59		6		5	3	11	1		1							1	5						
20:00 - 20:59		2	1	11	9	4	3	2	6			2	5	1			3	1	5	1	9		
21:00 - 21:59	6	13	11	5	7	11	6	2	1			8	5		2	5	10	1	24	4	6		8
22:00 - 22:59	7		3	9	1	5	4	6	13		16		6	30				4	5	1	6		13
23:00 - 23:59	3	11		11	7	10	3		6	1	10	2	2	1				2	1	6	1		4
UTC (hh)	AUT pc	CZE jv	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	HOL rb	HOL z1	SUI ps	SWE bn	SWE gn



4	305		2	2	2	2	4	3					2		1	1	1	1		3			1		
1	305.7						1	1		1			1	1	1					1					
3	306		1	2	2	2	3	2		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			
3	307			2	1	2	3	1	1	1	1	1	1	1	1				1	1	1	1		1	
3	308	1	1	2	1	1	3	1					1	1	2				1	3		2	1	1	
4	309		1	3	2	2	3	2	1	1	1	1	2		1	2	1	2		2	2	1	1	1	
3	309.5		1		3			1												3		1			
6	310	1	1	2	2	2	4	2	1	2	1	1	2		4	1	1	1		3	2	2	1	1	
3	311			3	3	3	3	2		1	1	1	1	1	1	2			1	2	2	1		1	
1	311.5		1		1	1	1	1							1		1								
5	312	2	3	4	3	3	5	4		1				2		2	1	2	1	1	2	2	2	1	1
2	312.5		2		1																				
2	313	2	2	2	2	2	2	1												2		2			
1	314					1	1	1	1	1	1	1	1		1	1			1	1	1				
8	315		2	2	2	2	7	4					2	2	2	6	2	2	2	3	2		1	2	
1	315.5						1	1		1			1			1				1					
7	316	1	1	2	1	3	7	4	2	4	2	4	5	3	2	5			2	6	2	1	1	1	
6	317		1	2	1	2	5	2	1	1	2	2	3	1	2	3			2	3	2	1	1	1	
1	317.5	1	1	1	1	1	1	1	1			1			1			1	1	1	1				
11	318	1	3	7	6	6	9	4	5	5	4	5	7	4	2	6	1	2	5	9	2	4	2	2	
3	319		2	3	2	2	3	3	2	1	2	1	3	2	2	2	1	1	2	3	1	1	1	1	
<b>NDBs</b>	<b>kHz</b>	<b>AUT pc</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 ds</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>FIN jt</b>	<b>FIN ks</b>	<b>FIN r2</b>	<b>FIN ro</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>HOL z1</b>	<b>SUI ps</b>	<b>SWE bn</b>	<b>SWE gn</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
312.5	DB	Mys Doobskiy	RUS	<b>CZE</b> <b>ju</b>	21:52
297	PNY	Piestany	SVK	<b>CZE</b> <b>ju</b>	14:27
284	AM	Almeria	ESP	<b>CZE</b> <b>my</b>	02:38
295	DC	Debrecen	HNG	<b>CZE</b> <b>my</b>	20:25
273	GAL	Giallo	LBY	<b>CZE</b> <b>my</b>	02:57
297	NA	Mirowslawiec	POL	<b>CZE</b> <b>my</b>	12:50
304	MOK	Bordj Mokhtar	ALG	<b>DEU</b> <b>hw</b>	23:11
297	GA	Gap Tallard	FRA	<b>DEU</b> <b>hw</b>	01:01
299	HIO	Khios	GRC	<b>DEU</b> <b>hw</b>	22:17
310	GGN	Gorgan	IRN	<b>DEU</b> <b>hw</b>	01:00
300	TBZ	Tabriz	IRN	<b>DEU</b> <b>hw</b>	19:49
317	HAM	Hamadan	IRN	<b>DEU</b> <b>hw</b>	23:49
300	OJ	Es Sider	LBY	<b>DEU</b> <b>hw</b>	01:01
282	NF	Minsk Mazowiecki	POL	<b>DEU</b> <b>hw</b>	06:01
300	NP	Pskov	RUS	<b>DEU</b> <b>hw</b>	01:58
315	EN	Izmir Menderes	TUR	<b>DEU</b> <b>hw</b>	23:54
295	ZP	Zaporizhzhia	UKR	<b>DEU</b> <b>hw</b>	19:08
275	NJF	(UNID)	XUE	<b>DEU</b> <b>hw</b>	00:57
285	OSR	(UNID)	XUF	<b>DEU</b> <b>hw</b>	02:21
275	CAE	Ben Slimane	MRC	<b>ENG</b> <b>bk</b>	23:16
317	MM	Montceau les Mines	FRA	<b>ENG</b> <b>ds</b>	03:21
310	A	Gallivare	SWE	<b>FIN</b> <b>jt</b>	01:00
315	TM	Roschino Tyumen	RSE	<b>FIN</b> <b>ks</b>	21:03
288	K	Pushkin	RUS	<b>FIN</b> <b>ks</b>	18:14
309	H	(UNID)	XUE	<b>FIN</b> <b>ro</b>	21:35
288.5	AVD	Avord	FRA	<b>HOL</b> <b>rb</b>	10:43
318	A	Sodankyla	FIN	<b>SWE</b> <b>bn</b>	17:33
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:** CLE148 270 - 319.9 kHz 28 - 31 Oct 2011  
**NOW:** CLE167 270 - 319.9 kHz 22 - 25 Feb 2013

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
DEU bd		805		62		77		2190
FIN r2		854		18		21		2488
HOL z1		891		35		39		4738
SWE gn		775		19		25		1660
<b>Averages:</b>		831		34		41		2769

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	433	474	3	8	8	16	885	1018
CZE jv	639	739	18	30	28	41	1408	1665
CZE my	814	907	52	72	64	79	4932	4932
CZE ze	797	715	46	42	58	59	5075	1685
DEU hw	1202	1328	147	171	122	129	4955	5908
DEU je	869	988	53	72	61	73	5004	3854
ENG ag	968	989	13	24	13	24	4488	4488
ENG bk	1170	1250	61	63	52	50	4335	4335
ENG ds	905	894	27	27	30	30	4372	4372
ENG hh	1075	1392	35	72	33	52	4416	4416
ENG me	1201	1527	34	93	28	61	4644	5177
ENG px	1176	1134	46	34	39	30	4479	4479
FIN jt	1280	900	69	32	54	36	6185	2042
FIN ks	1316	1298	74	84	56	65	4356	2740
FIN ro	417	699	5	15	13	22	823	1846
FRA jj	881	848	41	31	46	36	4400	4400
HOL rb	1203	1328	91	113	76	85	4526	5695
SUI ps	572	663	16	27	28	41	1399	1828
SWE bn	629	522	19	9	30	17	1547	1234
<b>Averages:</b>	924	979	45	54	44	50	3802	3480
<b>% Increase:</b>		6		20		13		-8

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.