NDB LIST CLE No. 175 **260-269.9 kHz & 440+ kHz** **25 - 28 Oct. 2013, midday-midday local time**

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

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	**je**	Joachim Rabe, Norderstedt, north of Hamburg
ENG	**bk**	Brian Keyte, Bookham, Surrey
ENG	**hh**	Brian Heath, Stapleton, Leicestershire
ENG	**me**	Mike Thayne, Whitley Bay
ENG	**px**	Peter Greatorex, Bolsover, Derbyshire
ENG	**re**	Ray Evans, Bolsover, Derbyshire
ENG	**tg**	Tracey Gardner, Foston, Lincolnshire
FIN	**jt**	Jarno Fält, Tampere
FIN	**ks**	Kari Syrjänen, Aitomaki, near Kouvola
FIN	**ro**	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA	**jj**	Jean Jacquemin, Bethune, Merville, near Lille
HOL	**de**	Dan Petersen (WA), Enschede
HOL	**rb**	Roelof Bakker, Middelburg, Zealand
ITA	**rz**	Roberto Rizzardi, Porto Santo Stefano
ITA	**ti**	Daniele Tincani, Livorno
POL	**ls**	Leszek Sieron, Near Lodz
SAR	**gc**	Giorgio Casu, San Gavino Monreale
SCT	**ds**	David Atkins, Tighnabruaich, Argyll
SUI	**ps**	Peter Schleuss, Winterthur
SWE	**bn**	Bo Nensen, Hanabäckliden-Örnsköldsvik

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	CZE jv	CZE my	CZE ze	DEU bd	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn
BEL	475.7	OR7T	(Amateur) near Baal														21										
BIH	445	TU	Tuzla	18	00	20	22	23		23	22			18				01		18			02				
BLR	452	GP	Grodno	05																							
BLR	452	WF	Grodno Obukhovo	05				05																			
BLR	458	QM	Minsk Machulishchi													16											
BLR	477	CHA	Baranovichi												16												
BLR	511	G	Gomel													15											
BLR	511	M	Gomel				16									16											
BLR	524	UU	Vitebsk	05																							
BLR	635	GH	Minsk 2		02	02									15	14							02				
BLR	635	VX	Minsk 2				18	23							15	14											16
BLR	930	Q	Minsk													14											
BLR	930	W	Minsk													14											
BUL	450	PDV	Plovdiv	18	20	20	17	23		23	21			18				01		18			22	22		22	
BUL	490	WAK	Vakarel	20	00	20	20	23		20	00	21		18				01	03	01	20		17	01		22	
CAN	263	QY	Sydney, NS					01	22	02		23								21							
CAN	492	E8	Natuashish, NL																	05							
CAN	520	F9	Miramichi Chatham, NB																	06							
CZE	448	HLV	Holesov	18	20	19	20	23	20	17	22	17	00	18		22		01		23			17			01	16
CZE	492	TBV	Moravska Trebova	18		16	18	23	18	18	20	17	23	18	18		21	03	03	17		22	17	01		22	17
CZE	505	W	(Amateur) Breclav		00						01																
CZE	514.5	LA	Namest nad Oslavou	18	20	16	16	23	22	19	21			17				02	22	01			17			03	
CZE	534	R	Ostrava Mosnov Rada	18		06	19	23																			
CZE	563	XU	Namest nad Oslavou			15	15																				
CZE	715	C	Caslav		20	06	17	18																			
CZE	888	P	Pardubice			06	19																				17
DEU	448	LQ	Landsberg	18	20	19	18	00	23	21	00	20	00	18				01		23			23	01		01	
DEU	452	ANS	Ansbach	18	20	19	14	00	18	18	21	19	23	18				01	21	17		01	18	22		22	
DEU	468	FTZ	Fritzlar	18	20	19	13	00	18	17	21		23	18	18			02		17		21	18	23	23	22	15
DEU	472	DL3ARM	(Amateur) Pegau																							22	
DEU	472.1	DL5QG	(Amateur) Bielefeld																20								
DEU	475.7	DF2FF	(Amateur) Rendsburg														21										
DEU	475.7	DG3LV	(Amateur) near Lubeck														23										
DEU	475.7	DK6NI	(Amateur) Erlangen														21										
DEU	484	HOF	Hof	20		19	18	00	21	19	19	23		18		04		00	21	21			17			02	
DEU	488	ILM	Illesheim	19	20	19	13	00	18	18	19	19	23	18	16	04	18	00	02	17		22	17	01	23	02	15
DEU	489	SIL	Siegen Siegerland			16	20	23																			
ENG	472	G4AGE	(Amateur) Bolsover		01						11							03									
ENG	475.7	G8HUH	(Amateur) Brent Knoll														21										
ENG	475.7	M0PPP	(Amateur) Sheffield														20										
ENG	850	CIT	Cranfield						11	17		13															
EST	514	GO	Amari Air base	18	20	20	18	22	18	18	16	19	23	17	14	13	19	02	21	21			17		00		14
FIN	476.5	OH1LSQ	(Amateur) near Vaasa								21		00		14	18	20						00				16
GEO	477	TIG	Kutaisi		01											22											
HNG	456	SEG	Szeged	20	10	20	23	00	22		19			18						20			18				
HNG	517	JBR	Jaszbereny	16	20	20	19	23	23	19	19	21			17	04	19	02	22	18			17	01		21	
HOL	475.7	PA0A	(Amateur) Lucaswolde														22										
HOL	475.7	PA3ABK	(Amateur) Dordrecht														21										
HRV	265	KAV	Pula Kavran		00	02	20	23												03				02		02	
ITA	440	PIA	Piacenza	20	19	23	18	00	18	20	22	18	00	18				00	19	22	22	21	20	21		01	
ITA	475.7	IZ7SLZ	(Amateur) Putignano														21										

ITA	480	VIB	Viterbo	18		21	13	00	23	21	00			18				03	21	20	10		18	22		22	
KAL	458	LP	Chernyakhovsk	05		04	16	05								15		04									15
KAL	840	KR	Kaliningrad Khrabovo	21		16	17	19										04		16			21				17
KAL	930	L	Chernyakhovsk			18																					
KAZ	442	SK	Uralsk													15											
KAZ	442	UR	Uralsk Podstepniy											18		15											
KAZ	443	AL	Almaty											18						18							
KAZ	451	KU	Yubileinyi		00																						
KAZ	510	NK	Novokazalinsk													21											16
KAZ	512	NA	Narimanovka Kostanay						22	20	16	18		17		15				16							
KAZ	670	AU	Aktau													23											
LBY	470	WF	Wafa		01																		02	22			
MDA	960	L.	Chisinau												16												
MRC	267	CNZ	Marrakech Menara						02											03							
NOR	267	FNO	Haugesund Foyno		00		22	23	11	02	16	23			16				02	10					22	01	
POL	262	NR	Inowroclaw				04	18												01			11				
POL	444	NRD	Inowroclaw	18	20	21	18	00	18	17	22	17	23	18		00		18	02	16		22	17	01		01	16
POL	474	BIA	Rzeszow Jasionka	18	20	19	15	00	18	17	21	17	00	18	18	04	18	03	02	20	19	00	17	22		22	16
POL	474.5	SA	Darlowo	05		06	16	06			13	17						18					17				16
POL	488	NPR	Tomaszow Mazowiecki	18	20	19	18	00	20	18	20	22		18	16	22	21	00		21		01	17	01		22	17
POL	489	NK	Poznan Krzesiny	05	20	21	20	00	20	22	00	20						01	02	21			11				
POL	494	KN	Oksywie				17	06								04											
POL	494	NK	Oksywie	18											15								11				
POL	520	NW	Leczyca	19	20	20	17	23	02	20	17			17	16	17	21	00	22	22			17			02	17
ROU	266	M	Baia Mare	22	00	02	00	23		03									02	03							
ROU	267.5	OPW	Bucuresti Otopeni	22	00	02		23												01				02		03	
ROU	517	ARD	Arad	20	20	20	16	23	18	17	19	21	23	17	17	16	21	02	22				17	22		21	17
ROU	520	B	Bacau	16	20	18	17	19		21				17		15	16						17				17
ROU	521	BSW	Bucuresti Baneasa	21	20	20	20	23	22	19	19	22	23	17		18	19	00	22	02			17	22		22	
ROU	705	RR	Bucuresti Otopeni				22																				
RSE	489	NC	Kemerovo													18											
RSE	615	OL	Ishim												15												
RSE	708	UN	Kurgan													14											
RSE	752	BB	Beryozovo													15											
RSE	786	ED	Ekaterinburg Koltsovo													14											
RSE	965	SZ	Barabinsk												15												
RUS	440	PT	Berezniki				03																				
RUS	441	CN	Savasleyka													03											
RUS	441	LT	Savasleyka													15											
RUS	445	CG	Pribylovo													17											16
RUS	445	KM	Kem					18		21	22				14	03	17			16							15
RUS	445	RD	Bazarnye Mataki.								20					03											
RUS	449	KU	Tver Migalovo													15											16
RUS	450	K	Millerovo													18											16
RUS	450	U	Millerovo													15											
RUS	450	WU	Sosnovka					23		21				18	17					00							
RUS	455	BK	Lipetsk 2													04											16
RUS	463	YaN	Severomorsk 3													16											
RUS	468	MD	Myneralnye Vody													16	20										
RUS	470	TN	Taganrog Centr.	19												15											
RUS	473	MG	Rzhev		02																						
RUS	475	PT	Petrovskoye	20	01	02	02	23			22			18	15	16	20			20			18				16
RUS	478	MF	Larionovo	21	01		18	19	00	21	20				14	04	20			20			23				16
RUS	480	CP	Magnitogorsk					22			21			18	16	15	20										17
RUS	480	L	Cheboksary													16											
RUS	485	CW	Krasnaya Gorbatka	19		02	23	22		21	20			18	15	16	18			23			02				15

RUS	485	ZK	Engels														15											
RUS	486	KL	Krasny Sulin	21	02	03											16							03				
RUS	493	KR	Krasnodar Pashkovsky	21	01		02				00						16							17				
RUS	493	LD	Krasnodar Pashkovsky			20											16											
RUS	493	RW	Maryino	20	01		02	22		22	21	21		18	14	04	19			21			17					16
RUS	495	AW	Budennovsk													15							17					
RUS	495	BP	Budennovsk													16												
RUS	507	ND	Bolshevik			18									16	15				17			17					
RUS	510	CR	Cheboksary												15	14												
RUS	510	LA	Cheboksary													15												
RUS	514	OF	Moscow Chkalovskoye													15												
RUS	514	UR	Moscow Chkalovskoye	17				19		21	21			17	14	15	19											
RUS	515	NV	Rostov na Donu												17	15												
RUS	515	T	Vologda	20												18												
RUS	515	XS	Rostov na Donu	19	02		20			20						16				02			17					
RUS	520	OO	Shaykovka	16																								
RUS	520	YuR	Shaykovka	19												14												17
RUS	525	PL	St.Petersbourg Pulkovo	18		20	19	19			16	19	23	17	15	14	16			17			17					17
RUS	527	TE	Terbuny	21			19	20							15	15	19											
RUS	528	UH	Tikhoretsk												15	15												
RUS	555	MZ	Mezen												14	15												15
RUS	564	OK	Lyskovo												14	15	21											
RUS	565	KS	Opalikha												18	15												
RUS	568	CSh	Monchegorsk																									17
RUS	572	O	St. Petersbourg Pulkovo												15	14												
RUS	590	FR	Kaluga Trabsevo				23																					
RUS	591	RN	Penza												15	15	21											
RUS	591	WH	Penza													14												14
RUS	592	AG	Morozovsk													15												
RUS	596	KD	St Petersburg Pushkin												14	13												
RUS	610	IO	Joshkar-Ola												16													
RUS	625	PS	Ostafievo												15	18												
RUS	625	U	St. Petersbourg												15													
RUS	628	B	Ukhta												15													
RUS	635	BO	Dobrynskoya												15	14												
RUS	635	LV	Izhevsk												14	14												
RUS	635	PF	Murmansk												15		22											
RUS	635	RD	Murmansk												15	18												
RUS	642	KN	Moskva Kostino				23	23							15	17	22											15
RUS	643	RZ	Sharanga												14	18												
RUS	644	SL	Solodniki													17												
RUS	645	Q	Petrozvodsk Besovets												14	14												15
RUS	650	GV	Astrakhan													21												
RUS	650	OS	Osmino				19								14	17	22											17
RUS	659	DO	Moskva Domodedovo				21	23							15	17	22						21					
RUS	660	J	Voronezh Baltimore													14												
RUS	662	SM	Smolenskaya				16									17												
RUS	670	D	Ivano Yuzhny													14												
RUS	670	ND	Kubinka												15	14												
RUS	672	D	Volvograd Gumrak													14												
RUS	680	BP	Chelobityevo												15	17	22											15
RUS	680	M	Ulyanovsk													14												
RUS	680	RK	Naryan-Mar												15													
RUS	688	IP	Zakharovka													17												
RUS	690	AZ	Arkhangelsk Talagi												14	14												
RUS	690	KM	Arkhangelsk Talagi													17												

RUS	694	AL	Algasovo													14												
RUS	696	BT	Alatyr													14	22											
RUS	700	AD	Moskva Sheremetievo												15	17	22											
RUS	700	K	St. Petersbourg Pulkovo												14													
RUS	705	MN	Manychsky													17												
RUS	705	PX	Perm Bolshoye Savino												14	15												
RUS	705	S	Syktyvkar												14	14												
RUS	718	AN	Belgorod													15												
RUS	718	BX	Belgorod												17	14												16
RUS	718	NL	Nalchik													17												
RUS	722	DK	Saratov													02												
RUS	730	OP	Stavropol												15										20			16
RUS	732	AO	Aksinyino												15	14												17
RUS	735	FF	Tambov Donskoye													17												
RUS	740	RT	Ivanovo													16												
RUS	742	WA	Kursk																									17
RUS	745	BG	Karmanovo												15	16												
RUS	749	K	Nizhnekamsk Begishevo													15												
RUS	760	R	Moskva Ramenskoe													15												
RUS	770	B	Moskva Sheremetyevo													21												
RUS	777	ST	Sirotinskaya												16	14												
RUS	785	M	Levashovo													15												
RUS	791	SU	Belozyorsk Ozyorsk				17								15	14												17
RUS	825	F	Cherepovets												15	15												
RUS	825	MH	Mikhaylovsk												15	15												
RUS	832	PL	Olenya												15													
RUS	887	E	Moskva Domodedovo													15												17
RUS	894	C	Savasleyka													15												
RUS	900	NE	Nerl												15	15												
RUS	905	UD	Buturlino												15	15												
RUS	910	K	Tver Migalovo												15	14												
RUS	910	KZ	Millerovo													15												
RUS	910	UJ	Millerovo													14												
RUS	914	SX	Moskva Vnukovo												15	14												
RUS	920	GW	Primorsko Ahtarsk											17		14												
RUS	925	B	Lipetsk 2													15												
RUS	932	KR	Krasnoarmeysk												15	15												
RUS	949	OE	Moskva Vnukovo													15												
RUS	950	KS	Kotlas												15	15												
RUS	960	L	St Petersburg													15												
RUS	960	RP	Sosnovskoye												15	15												
RUS	965	BL	Kazan												15	15												
RUS	970	US	Yelshanka													14												
RUS	975	GD	Maloye Skuratovo				16								15	15									22			
RUS	985	FK	Gagarin	17		16		22						16	15	15									22			
RUS	995	DW	Nikolskoye												15	15												
RUS	1005	LO	Klimovsk												15	15												
RUS	1020	DK	Glotayevo				19	22							15	15									22			
RUS	1025	KS	Krasny													15												
RUS	1025	US	Muravlyanka												16	15												

RUS	1030	S	Nizhny Novgorod Strigino													15												
RUS	1046	TZ	Vologda													15												
RUS	1055	IN	Sukhotino												19	15							22					
RUS	1064	L	Klin													15												
RUS	1080	AR	Buzharavo	21		22		22						15	19	15							22					
RUS	1100	KA	Konstantinovsk													18												
RUS	1175	BA	Bakayevsky													15												
RUS	1210	PR	Peredovaya												15	15												
RUS	1285	SW	Savelovo		01	18	18	22						17	15	14				16			19					
RUS	1290	TU	Bely	21	02	22	20	22						17	15	13							19					
SRB	468	VTN	Kraljevo Vitanovac	19	20	19	02	00		20	00			18				02		20	19		17	22		22		
SRB	470	UZ	Uzice Ponikve	19		19	02	00						18						22			18	02		22		
SRB	485	IA	Indija	19	20	19	18	00	21	18	19	23	23	18		04	18	00	21	21	19		17	23		22	17	
SRB	495	PA	Pancevo	19	20	20	20	00		20	19	20		18			21	00		21			02	22				
SVK	477	RP	Malacky Kuchyna	19	20	19	18	23	20	20	21	22	23	18			18	03	02	20			17	22		22	16	
SVK	508	Z	Zilina Hlinik	19	20	16	16	00	20	19	19	22		17		22	21	03	21	21			17	01		22		
SVK	571	P	Presov Kapusany	21	01	16	19	17	22	18		22						03	22				18					
TUR	470	BRI	Balikesir		00	02					21												18					
UKR	445	WS	Strakonstantinov				16													16								
UKR	455	UH	Chuguyev													04												
UKR	470	CD	Mirgorod													15												
UKR	470	GA	Mirgorod											18		17												
UKR	480	KJ	Chortkov				22																					
UKR	485	KH	Kakhovka													16												15
UKR	490	KO	Koshany	20	01	20	17	21	23	20	00	23		18	15	16	21			21			17	01				17
UKR	510	CE	Poltava													15												16
UKR	525	CH	Chernyakhiv	21	20	20	17	19	18	17	21	22		17	15	15	19	00	22	17			17			02		17
UKR	534	LC	Gostomel Antonov														16											
UKR	535	RB	Gvardeyskoe																									16
UKR	535	UE	Gvardeyskoe													15												
UKR	580	O	Poltava													15												
UKR	588	SF	Simferopol			20	20									17							17					
UKR	590	GO	Gostomel				22								16					16								
UKR	598	F	Ivano-Frankovsk		01			19																				
UKR	598	V	Ivano-Frankovsk				19																					
UKR	600	KR	Tchervonobirka		01	18	19	19								18							17					
UKR	617	SV	Stebliv	21	02	19	19	19							15	15	22						18					17
UKR	640	O	Kiev				23								16													
UKR	643	TP	Topchyne				22								15	17							02					15
UKR	645	UO	Uzghorod			16	22								15	17												
UKR	672	RS	Rashivka		02	16	17	19							17	17	22						21					15
UKR	678	W	Rivne													17												
UKR	687	P	Dnepropetrovsk				23									15							21					
UKR	687	R	Dnepropetrovsk														22											
UKR	690	DM	Dmytrivka													15												
UKR	690	SR	Seredne	19			18																21					
UKR	718	SL	Soloviivka	20	20	18	17	19							15	17							21					17
UKR	732	KP	Kamianets Podolskyi			19	16	04							15	14												15
UKR	733	ZK	Kiev Zhulyany	21	20	16	18	21							15	14							20					17
UKR	735	KW	Koviahy	22	19	16	18	23						21	16	17							19					17
UKR	735	WK	Koviagi (?)													14												
UKR	745	TR	Tripolie				19																					
UKR	770	MA	Mariupol													15												
UKR	770	MR	Mariupol				23								15	15												
UKR	778	GR	Krasnograd	21	19	18	18								15	15							22					17
UKR	795	N	Donetsk													14												

Cou	kHz	Call	Location	CZE jv	CZE my	CZE ze	DEU bd	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn
UKR	795	O	Donetsk													15											
UKR	815	PW	Pavlovka		19	16	16	20						17	17	15							21				17
UKR	825	KB	Kiev Borispil		19	18	19	19							16	14							20				17
UKR	825	KE	Kiev Borispil			22									15												
UKR	830	SW	Shepetivka	21	19	18	19	21							17	14							21				17
UKR	905	PA	Parutyne.			16									16	15											
UKR	910	GE	Helmiaziv												16												
UKR	960	CY	Chervonyi			18	18	19							16	14											
UKR	1060	NM	Nemyriv	20	01	18	18	18							15	15							22				
UKR	1155	LS	Krasnij Luch												15	15											
UKR	1180	PO	Poltava Suprunovka													15											
UKR	1255	LU	Lugansk													14											
UKR	1290	BO	Bohdanivka		19	18	19	18						17		13							18				
UZB	588	F	Tashkent Yuzhny													15											
UZB	795	UH	Bukhara													15											
XOE	534	LF6W	Grane					01																			17
XOE	544	LF5N	Ekofisk Phillips								14			15													
XOE	598	AKS	Aker Spitsbergen (vessel)					22							16	17	21										17
XOE	598	LF6K	Troll C				16																				
XOE	615	OM	Gorm C	19	02	18	17	17	11	17	12	18		15	16			03	22	01			21		00		16
XOE	615	STB	Statfjord B			18	17	04							16					15			02				16
XUE	450	AOO	(UNID) (?ROO, LBY)		00		23													01		00		21			
XUE	454	AD	(UNID) RUS?													16											
XUE	456	VA	(UNID) RUS?															23									
XUE	479	K	(UNID) (Tambov,RUS?)													15											
XUE	480	OGT	(UNID)													18											17
XUE	480	SSS	(UNID)													16											
XUE	482	MT	(UNID)													18											
XUE	483	I	(UNID)																								15
XUE	490	WR	(UNID)																	21				01			
XUE	504	TNE	(UNID)														19										
XUE	506	NPT	(UNID) POL?	17											15	16											16
XUE	510	BL	(UNID)		02															01							
XUE	520	OG	(UNID)													17											
XUE	520	RD	(UNID)												14												
XUE	522	TEST	(UNID)													14											
XUE	570	DO	(UNID)				17																				
XUE	588	BB	(UNID) RUS?													15											
XUE	597.5	GAC	(UNID)												16												
XUE	618	RS	(UNID)													14											
XUE	714	YA	(UNID)													17											
XUE	725	A	(UNID)													17											
XUE	752	BK	(UNID)													20											
XUE	1290	TP	(UNID)												15												
XUF	445	AAW	(UNID) LBY?		00	00												01		23		21	22	21			
XUF	470	BK	(UNID) ALG?			02							00					02		20				22			

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 je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn
BEL	Belgium														1										
BIH	Bosnia-Hercegovina	1	1	1	1	1		1	1			1				1		1			1				
BLR	Belarus	3	1	1	2	2							3	7							1				1
BUL	Bulgaria	2	2	2	2	2		2	2	1		2				2	1	2	1		2	2		2	
CAN	NB																	1							
CAN	NL																	1							
CAN	NS					1	1	1		1								1							
CZE	Czech Rep.	4	4	7	7	5	3	3	4	2	2	3	1	1	1	3	2	3		1	3	1		3	3
DEU	Germany	5	4	6	6	6	5	5	5	4	4	5	2	2	4	5	4	5		3	5	4	2	6	2
ENG	England		1				1	1	1	1					2	1									
EST	Estonia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1		1		1
FIN	Finland								1		1		1	1	1						1				1
GEO	Georgia		1											1											
HNG	Hungary	2	2	2	2	2	2	1	2	1		1	1	1	1	1	1	2			2	1		1	
HOL	Netherlands														2										
HRV	Croatia		1	1	1	1												1				1		1	
ITA	Italy	2	1	2	2	2	2	2	2	1	1	2			1	2	2	2	2	1	2	2		2	
KAL	Kaliningrad	2		3	2	2								1		2		1			1				2
KAZ	Kazakhstan		1				1	1	1	1		3		5				2							1
LBY	Libya		1																		1	1			
MDA	Moldova												1												
MRC	Morocco						1											1							
NOR	Norway		1		1	1	1	1	1	1			1				1	1					1	1	
POL	Poland	7	5	6	8	8	5	5	6	5	2	4	4	5	3	6	4	6	1	3	8	3		4	5
ROU	Romania	5	5	5	5	5	2	4	2	2	2	3	1	3	3	2	3	3			3	3		3	2
RSE	Russia (East)												2	4											
RUS	Russia (Eu)	17	9	10	19	17	1	7	10	2	1	12	69	122	19			10			19				25
SRB	Serbia	4	3	4	4	4	1	3	3	2	1	4		1	2	3	1	4	2		4	4		3	1
SVK	Slovakia	3	3	3	3	3	3	3	2	3	1	2		1	2	3	3	2			3	2		2	1
TUR	Turkey		1	1					1												1				
UKR	Ukraine	10	16	21	29	17	2	2	2	2		7	24	39	6	1	1	4			19	1		1	17
UZB	Uzbekistan													2											
XOE	Offshore	1	1	2	3	4	1	1	2	1		2	3	1	1	1	1	2			2		1		4
XUE	UNID	1	2		2								4	13	1	1		3		1		2			3
XUF	UNID		1	2							1					2		2		1	1	2			
Cou	Country	CZE jv	CZE my	CZE ze	DEU bd	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn

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 je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn
00:00 - 00:59		11	1	1	17	1		7		6			1		9		1		2	1		2		
01:00 - 01:59		13			2			1							8		7		2		10		5	
02:00 - 02:59		9	8	5		2	2						1		7	7	2			7	3		5	
03:00 - 03:59			1	1			1						3		8	2	3			1			2	
04:00 - 04:59			1	1	2								10		2									
05:00 - 05:59	6				2												1							
06:00 - 06:59			4		2												1							
07:00 - 07:59																								
08:00 - 08:59																								
09:00 - 09:59																								
10:00 - 10:59		1															1	1						
11:00 - 11:59						3		1												3				
12:00 - 12:59								1																
13:00 - 13:59				3				1	1				4											
14:00 - 14:59				1				1				18	43											2
15:00 - 15:59			1	2							3	63	80				1							14
16:00 - 16:59	3		13	12				4			1	22	20	3			7							22
17:00 - 17:59	3			14	2		8	1	5		16	8	26	1			7			30				30
18:00 - 18:59	16		14	18	5	10	7		3		30	4	12	5	2		4			10				
19:00 - 19:59	14	7	14	15	13		5	9	4			2		8		1		3		3				
20:00 - 20:59	11	26	15	10	2	5	9	5	3				1	6		1	8	1		4				
21:00 - 21:59	14		3	1	3	2	8	12	4		1		3	16		6	11		3	9	3		2	
22:00 - 22:59	3		3	7	10	6	2	6	6				4	11		8	3	1	3	9	11	1	15	
23:00 - 23:59			1	8	23	4	2		5	11			1	1	1		4			2	2	2		
UTC (hh)	CZE jv	CZE my	CZE ze	DEU bd	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn

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	CZE jv	CZE my	CZE ze	DEU bd	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn
1	262				1	1												1			1				
1	263					1	1	1		1								1							
1	265		1	1	1	1												1				1		1	
1	266	1	1	1	1	1		1									1	1							
2	267		1		1	1	2	1	1	1			1				1	2					1	1	
1	267.5	1	1	1		1												1				1		1	
2	440	1	1	1	2	1	1	1	1	1	1	1				1	1	1	1	1	1	1		1	
2	441													2											
2	442											1		2											
1	443											1						1							
1	444	1	1	1	1	1	1	1	1	1	1	1		1		1	1	1		1	1	1		1	1
6	445	1	2	2	2	2		2	3			1	1	3	1	2		4		1	2	1			2
2	448	2	2	2	2	2	2	2	2	2	2	2		1		2		2			2	1		2	1
1	449													1											1

5	450	1	2	1	2	2		2	1			2	1	2		1		3		1	1	2		1	1
1	451		1																						
3	452	3	1	1	1	2	1	1	1	1	1	1				1	1	1		1	1	1		1	
1	454													1											
2	455													2											1
2	456	1	1	1	1	1	1		1			1				1		1			1				
2	458	1		1	1	1								2		1									1
1	463													1											
3	468	2	2	2	2	2	1	2	2		1	2	1	1	1	2		2	1	1	2	2	1	2	1
7	470	2	2	3	1	1			1		1	2		3		1		2			3	3		1	
2	472		1						1							1								1	
1	472.1																1								
1	473		1																						
1	474	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
1	474.5	1		1	1	1			1	1						1					1				1
1	475	1	1	1	1	1			1			1	1	1	1			1			1				1
9	475.7														9										
1	476.5								1		1		1	1	1						1				1
3	477	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1		1	1
1	478	1	1		1	1	1	1	1				1	1	1			1			1				1
1	479													1											
6	480	1		1	2	2	1	1	2			2	1	4	1	1	1	1	1		1	1		1	2
1	482													1											
1	483																								1
1	484	1		1	1	1	1	1	1	1		1		1		1	1	1			1			1	
4	485	2	1	2	2	2	1	2	2	1	1	2	1	4	2	1	1	2	1		2	1		1	3
1	486	1	1	1										1							1				
2	488	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2		2	2	2	1	2	2
3	489	1	1	2	2	2	1	1	1	1				1		1	1	1			1				
3	490	2	2	2	2	2	1	2	2	2		2	1	1	1	1	1	3	1		2	3		1	1
2	492	1		1	1	1	1	1	1	1	1	1	1		1	1	1	2		1	1	1		1	1
3	493	2	2	1	2	1		1	2	1		1	1	3	1			1			2				1
2	494	1			1	1							1	1							1				
3	495	1	1	1	1	1		1	1	1		1		2	1	1		1			2	1			
1	504														1										
1	505		1						1																
1	506	1											1	1											1
1	507			1									1	1				1			1				
1	508	1	1	1	1	1	1	1	1	1		1		1	1	1	1	1			1	1		1	
5	510		1										1	4				1							2
2	511				1									2											
1	512						1	1	1	1		1		1				1							
3	514	2	1	1	1	2	1	2	2	1	1	2	2	3	2	1	1	1			1		1		1
1	514.5	1	1	1	1	1	1	1	1			1				1	1	1			1			1	
3	515	2	1		1			1					1	3				1			1				
2	517	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1			2	2		2	1
7	520	4	2	2	2	2	1	2	1			2	2	4	2	1	1	2			2			1	3
1	521	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1			1	1		1	
1	522													1											
1	524	1																							
2	525	2	1	2	2	2	1	1	2	2	1	2	2	2	2	1	1	2			2			1	2
1	527	1			1	1							1	1	1										
1	528												1	1											
3	534	1		1	1	2									1										1
2	535													1											1

1	544								1			1													
1	555												1	1											1
1	563			1	1																				
1	564												1	1	1										
1	565												1	1											
1	568																								1
1	570				1																				
1	571	1	1	1	1	1	1	1		1						1	1				1				
1	572												1	1											
1	580													1											
3	588			1	1									3							1				
2	590				2								1					1							
2	591												1	2	1										1
1	592													1											
1	596												1	1											
1	597.5												1												
4	598		1		2	2							1	1	1										1
1	600		1	1	1	1								1							1				
1	610												1												
3	615	1	1	2	2	2	1	1	1	1		1	3			1	1	2			2		1		2
1	617	1	1	1	1	1							1	1	1						1				1
1	618													1											
2	625												2	1											
1	628												1												
6	635		1	1	1	1							6	5	1						1				1
1	640				1								1												
1	642				1	1							1	1	1										1
2	643				1								2	2							1				1
1	644													1											
2	645			1	1								2	2											1
2	650				1								1	2	1										1
1	659				1	1							1	1	1						1				
1	660													1											
1	662				1									1											
3	670												1	3											
2	672		1	1	1	1							1	2	1						1				1
1	678													1											
3	680												2	2	1										1
2	687				1									1	1						1				
1	688													1											
4	690	1			1								1	3							1				
1	694													1											
1	696													1	1										

2	700												2	1	1										
4	705				1								2	3											
1	708													1											
1	714													1											
1	715		1	1	1	1																			
4	718	1	1	1	1	1							2	4							1				2
1	722													1											
1	725													1											
1	730												1								1				1
2	732			1	1	1							2	2											2
1	733	1	1	1	1	1							1	1							1				1
3	735	1	1	1	1	1						1	1	3							1				1
1	740													1											
1	742																								1
2	745				1								1	1											
1	749													1											
2	752													2											
1	760													1											
3	770				1								1	3											
1	777												1	1											
1	778	1	1	1	1								1	1							1				1
1	785													1											
1	786													1											
1	791				1								1	1											1
3	795													3											
1	815		1	1	1	1						1	1	1							1				1
4	825		1	2	1	1							4	3							1				1
1	830	1	1	1	1	1							1	1							1				1
1	832												1												
1	840	1		1	1	1										1		1			1				1
1	850						1	1		1															
1	887													1											1
1	888			1	1																				1
1	894													1											
1	900												1	1											
2	905			1									2	2											
4	910												2	3											
1	914												1	1											
1	920											1		1											
1	925													1											
3	930			1										2											
1	932												1	1											
1	949													1											
1	950												1	1											
4	960			1	1	1							3	3											
2	965												2	1											
1	970													1											
1	975				1								1	1							1				
1	985	1		1		1						1	1	1							1				
1	995												1	1											
1	1005												1	1											
1	1020				1	1							1	1							1				
2	1025												1	2											

1	1030													1											
1	1046													1											
1	1055												1	1							1				
1	1060	1	1	1	1	1							1	1							1				
1	1064													1											
1	1080	1		1		1						1	1	1							1				
1	1100													1											
1	1155												1	1											
1	1175													1											
1	1180													1											
1	1210												1	1											
1	1255													1											
1	1285		1	1	1	1						1	1	1				1			1				
3	1290	1	2	2	2	2						2	2	2							2				
NDBs	**kHz**	CZE jv	CZE my	CZE ze	DEU bd	DEU je	ENG bk	ENG hh	ENG me	ENG px	ENG re	ENG tg	FIN jt	FIN ks	FIN ro	FRA jj	HOL de	HOL rb	ITA rz	ITA ti	POL ls	SAR gc	SCT ds	SUI ps	SWE bn

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
452	GP	Grodno	BLR	**CZE**	**jv**	05:14
524	UU	Vitebsk	BLR	**CZE**	**jv**	05:28
520	OO	Shaykovka	RUS	**CZE**	**jv**	16:38
451	KU	Yubileinyi	KAZ	**CZE**	**my**	00:54
473	MG	Rzhev	RUS	**CZE**	**my**	02:23
930	L	Chernyakhovsk	KAL	**CZE**	**ze**	18:15
705	RR	Bucuresti Otopeni	ROU	**DEU**	**bd**	22:24
440	PT	Berezniki	RUS	**DEU**	**bd**	03:30
590	FR	Kaluga Trabsevo	RUS	**DEU**	**bd**	23:36
745	TR	Tripolie	UKR	**DEU**	**bd**	19:10
598	V	Ivano-Frankovsk	UKR	**DEU**	**bd**	19:16
480	KJ	Chortkov	UKR	**DEU**	**bd**	22:18
598	LF6K	Troll C	XOE	**DEU**	**bd**	16:02
570	DO	(UNID)	XUE	**DEU**	**bd**	17:32
477	CHA	Baranovichi	BLR	**FIN**	**jt**	16:24
960	L.	Chisinau	MDA	**FIN**	**jt**	16:12
965	SZ	Barabinsk	RSE	**FIN**	**jt**	15:32
615	OL	Ishim	RSE	**FIN**	**jt**	15:55
700	K	St. Petersbourg Pulkovo	RUS	**FIN**	**jt**	14:55
832	PL	Olenya	RUS	**FIN**	**jt**	15:03
628	B	Ukhta	RUS	**FIN**	**jt**	15:22
680	RK	Naryan-Mar	RUS	**FIN**	**jt**	15:23
625	U	St. Petersbourg	RUS	**FIN**	**jt**	15:32
610	IO	Joshkar-Ola	RUS	**FIN**	**jt**	16:45
910	GE	Helmiaziv	UKR	**FIN**	**jt**	16:13
520	RD	(UNID)	XUE	**FIN**	**jt**	14:45
1290	TP	(UNID)	XUE	**FIN**	**jt**	15:11
597.5	GAC	(UNID)	XUE	**FIN**	**jt**	16:43
930	Q	Minsk	BLR	**FIN**	**ks**	14:56
930	W	Minsk	BLR	**FIN**	**ks**	14:57
511	G	Gomel	BLR	**FIN**	**ks**	15:49
458	QM	Minsk Machulishchi	BLR	**FIN**	**ks**	16:05
442	SK	Uralsk	KAZ	**FIN**	**ks**	15:35

670	AU	Aktau	KAZ	**FIN**	**ks**	23:02
708	UN	Kurgan	RSE	**FIN**	**ks**	14:35
786	ED	Ekaterinburg Koltsovo	RSE	**FIN**	**ks**	14:45
752	BB	Beryozovo	RSE	**FIN**	**ks**	15:53
489	NC	Kemerovo	RSE	**FIN**	**ks**	18:29
722	DK	Saratov	RUS	**FIN**	**ks**	02:04
441	CN	Savasleyka	RUS	**FIN**	**ks**	03:50
660	J	Voronezh Baltimore	RUS	**FIN**	**ks**	14:25
672	D	Volvograd Gumrak	RUS	**FIN**	**ks**	14:26
670	D	Ivano Yuzhny	RUS	**FIN**	**ks**	14:28
680	M	Ulyanovsk	RUS	**FIN**	**ks**	14:32
694	AL	Algasovo	RUS	**FIN**	**ks**	14:33
910	UJ	Millerovo	RUS	**FIN**	**ks**	14:52
970	US	Yelshanka	RUS	**FIN**	**ks**	14:58
1175	BA	Bakayevsky	RUS	**FIN**	**ks**	15:01
1046	TZ	Vologda	RUS	**FIN**	**ks**	15:01
1064	L	Klin	RUS	**FIN**	**ks**	15:03
1025	KS	Krasny	RUS	**FIN**	**ks**	15:05
1030	S	Nizhny Novgorod Strigino	RUS	**FIN**	**ks**	15:06
592	AG	Morozovsk	RUS	**FIN**	**ks**	15:19
718	AN	Belgorod	RUS	**FIN**	**ks**	15:23
960	L	St Petersburg	RUS	**FIN**	**ks**	15:31
949	OE	Moskva Vnukovo	RUS	**FIN**	**ks**	15:33
925	B	Lipetsk 2	RUS	**FIN**	**ks**	15:37
910	KZ	Millerovo	RUS	**FIN**	**ks**	15:38
894	C	Savasleyka	RUS	**FIN**	**ks**	15:41
514	OF	Moscow Chkalovskoye	RUS	**FIN**	**ks**	15:46
510	LA	Cheboksary	RUS	**FIN**	**ks**	15:49
450	U	Millerovo	RUS	**FIN**	**ks**	15:49
785	M	Levashovo	RUS	**FIN**	**ks**	15:54
760	R	Moskva Ramenskoe	RUS	**FIN**	**ks**	15:58
749	K	Nizhnekamsk Begishevo	RUS	**FIN**	**ks**	15:59
441	LT	Savasleyka	RUS	**FIN**	**ks**	15:59
740	RT	Ivanovo	RUS	**FIN**	**ks**	16:01
495	BP	Budennovsk	RUS	**FIN**	**ks**	16:06
480	L	Cheboksary	RUS	**FIN**	**ks**	16:13
463	YaN	Severomorsk 3	RUS	**FIN**	**ks**	16:21
735	FF	Tambov Donskoye	RUS	**FIN**	**ks**	17:30
718	NL	Nalchik	RUS	**FIN**	**ks**	17:38
705	MN	Manychsky	RUS	**FIN**	**ks**	17:44
690	KM	Arkhangelsk Talagi	RUS	**FIN**	**ks**	17:47
688	IP	Zakharovka	RUS	**FIN**	**ks**	17:48
644	SL	Solodniki	RUS	**FIN**	**ks**	17:59
1100	KA	Konstantinovsk	RUS	**FIN**	**ks**	18:18
650	GV	Astrakhan	RUS	**FIN**	**ks**	21:04
770	B	Moskva Sheremetyevo	RUS	**FIN**	**ks**	21:21
455	UH	Chuguyev	UKR	**FIN**	**ks**	04:02
735	WK	Koviagi (?)	UKR	**FIN**	**ks**	14:42
795	N	Donetsk	UKR	**FIN**	**ks**	14:48
1255	LU	Lugansk	UKR	**FIN**	**ks**	14:58
1180	PO	Poltava Suprunovka	UKR	**FIN**	**ks**	15:05
770	MA	Mariupol	UKR	**FIN**	**ks**	15:19
690	DM	Dmytrivka	UKR	**FIN**	**ks**	15:30
535	UE	Gvardeyskoe	UKR	**FIN**	**ks**	15:38
580	O	Poltava	UKR	**FIN**	**ks**	15:43
795	O	Donetsk	UKR	**FIN**	**ks**	15:52
470	CD	Mirgorod	UKR	**FIN**	**ks**	15:55
678	W	Rivne	UKR	**FIN**	**ks**	17:50
588	F	Tashkent Yuzhny	UZB	**FIN**	**ks**	15:40
795	UH	Bukhara	UZB	**FIN**	**ks**	15:51
522	TEST	(UNID)	XUE	**FIN**	**ks**	14:08

kHz	C/S	Location	Cou	Reporter		UTC
618	RS	(UNID)	XUE	**FIN**	**ks**	14:18
588	BB	(UNID) RUS?	XUE	**FIN**	**ks**	15:21
479	K	(UNID) (Tambov,RUS?)	XUE	**FIN**	**ks**	15:54
454	AD	(UNID) RUS?	XUE	**FIN**	**ks**	16:00
480	SSS	(UNID)	XUE	**FIN**	**ks**	16:12
725	A	(UNID)	XUE	**FIN**	**ks**	17:36
714	YA	(UNID)	XUE	**FIN**	**ks**	17:41
520	OG	(UNID)	XUE	**FIN**	**ks**	17:59
482	MT	(UNID)	XUE	**FIN**	**ks**	18:58
752	BK	(UNID)	XUE	**FIN**	**ks**	20:02
475.7	OR7T	(Amateur) near Baal	BEL	**FIN**	**ro**	21:02
475.7	DK6NI	(Amateur) Erlangen	DEU	**FIN**	**ro**	21:24
475.7	DF2FF	(Amateur) Rendsburg	DEU	**FIN**	**ro**	21:24
475.7	DG3LV	(Amateur) near Lubeck	DEU	**FIN**	**ro**	23:08
475.7	M0PPP	(Amateur) Sheffield	ENG	**FIN**	**ro**	20:52
475.7	G8HUH	(Amateur) Brent Knoll	ENG	**FIN**	**ro**	21:28
475.7	PA3ABK	(Amateur) Dordrecht	HOL	**FIN**	**ro**	21:18
475.7	PA0A	(Amateur) Lucaswolde	HOL	**FIN**	**ro**	22:00
475.7	IZ7SLZ	(Amateur) Putignano	ITA	**FIN**	**ro**	21:44
534	LC	Gostomel Antonov	UKR	**FIN**	**ro**	16:32
687	R	Dnepropetrovsk	UKR	**FIN**	**ro**	22:25
504	TNE	(UNID)	XUE	**FIN**	**ro**	19:13
456	VA	(UNID) RUS?	XUE	**FRA**	**jj**	23:46
472.1	DL5QG	(Amateur) Bielefeld	DEU	**HOL**	**de**	20:55
492	E8	Natuashish, NL	CAN	**HOL**	**rb**	05:27
520	F9	Miramichi Chatham, NB	CAN	**HOL**	**rb**	06:06
472	DL3ARM	(Amateur) Pegau	DEU	**SUI**	**ps**	22:10
568	CSh	Monchegorsk	RUS	**SWE**	**bn**	17:22
742	WA	Kursk	RUS	**SWE**	**bn**	17:44
535	RB	Gvardeyskoe	UKR	**SWE**	**bn**	16:00
483	I	(UNID)	XUE	**SWE**	**bn**	15:35

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN:	CLE157	260-269.9 & 440+ kHz	25 - 28 May 2012
NOW:	CLE175	260-269.9 & 440+ kHz	25 - 28 Oct. 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
ENG px		1638		51		31		4168
ENG re		1447		23		16		2201
ENG tg		2010		105		52		5579
FIN jt		1269		145		114		3141
FIN ks		1367		269		197		8434
FIN ro		1383		69		50		2470
FRA jj		1172		40		34		1943
ITA rz		695		4		6		1200
ITA ti		831		7		8		1192
POL ls		923		73		79		2645
SAR gc		1232		31		25		2138
SCT ds		1100		6		5		1784
HOL de		929		23		25		1654
Averages:		1230		65		49		2965

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	662	806	30	56	45	69	1651	1729
CZE my	886	1069	64	70	72	65	1981	3643
CZE ze	744	888	48	69	65	78	1826	1925
DEU bd	906	1121	45	110	50	98	1842	2866
DEU je	1084	1268	52	106	48	84	4870	4870
ENG bk	1314	1538	35	51	27	33	4286	4286
ENG hh	1253	1792	19	79	15	44	1772	4203
ENG me	1507	1797	35	88	23	49	5539	4088
HOL rb	1398	1751	55	98	39	56	5366	5366
SUI ps	779	804	24	23	31	29	1409	1487
SWE bn	1644	1485	48	98	29	66	4266	3317
Averages:	1107	1302	41	77	40	61	3164	3435
% Increase:		18		87		51		9

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.

TABs

Trans-Atlantic Beacons' - NDBs that joined in the fun on both sides of the Atlantic

kHz	C/S	Location	ITU	DEU je	ENG bk	ENG hh	ENG px	HOL rb
263	QY	Sydney, NS	CAN	01	22	02	23	21
492	E8	Natuashish, NL	CAN					05
520	F9	Miramichi Chatham, NB	CAN					06

CLE175e5.xls
bk 31 Oct 2013