NDB LIST CLE No. 135 DX and HOME 24 - 27 Sept. 2010, midday-midday local time

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

CZE	**my**	Milos Holy, Lhota pod Radcem
CZE	**ze**	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	**hw**	Hartmut Wolff, Near Wolfsburg
DEU	**je**	Joachim Rabe, Norderstedt, north of Hamburg
DEU	**mz**	Matthias Zwoch, Arnsdorf, Nr.Dresden
ENG	**ag**	Alan Gale, Whitworth, Lancashire
ENG	**bk**	Brian Keyte, Bookham, Surrey
ENG	**cy**	Chris McCarthy, Ispwich, Suffolk
ENG	**ds**	David Atkins, Abbots Langley
ENG	**hh**	Brian Heath, Stapleton, Leicestershire
ENG	**me**	Mike Thayne, Whitley Bay
ENG	**px**	Peter Greatorex, Bolsover, Derbyshire
ENG	**py**	Peter Conway, Hastings
FIN	**jt**	Jarno Fält, Tampere
FIN	**ks**	Kari Syrjänen, Aitomaki, near Kouvola
FRA	**jj**	Jean Jacquemin, Bethune, Merville, near Lille
HOL	**pl**	Pieter Lamers, Oosterhout, Noord Brabant
HOL	**rb**	Roelof Bakker, Middelburg, Zealand
IRL	**fo**	Finbar O'Connor, Malin Head (Trawbreaga Bay)
SWE	**cw**	Chris Wennstrom, Ljugarn, Gotland Is.

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
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 Numbers in brackets are where a logging may be less than 2,000 km).
UNIDs appear at the end of the list.

Cou	kHz	Call	Location	CZE my	CZE ze	DEU hw	DEU je	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FIN jt	FIN ks	FRA jj	HOL pl	HOL rb	IRL fo	SWE cw
ALB	290	TR	Tirana Rinas												23								
ALG	268	ZAR	Zarzaitine	2				2															
ALG	356.5	OU	Ouargla		22																		
ASC	360	ASN	Ascension Is.													2							
ATG	369	ZDX	Saint Johns													5	3				5		
AZR	331	SC	Santa Cruz Das Flores							4		0				3					23		
AZR	341	GP	Lajes										2			4					4		
AZR	351	PD	Ponta Delgada													5							
AZR	360	HT	Horta							4						1	2				4	23	
AZR	380	FIL	Horta Faial Is			4				23				2		2	2				23		
AZR	420	PI	Pico Is.													5							
AZR	428	GC	Santa Cruz de Graciosa																		3		
BAH	376	ZIN	Great Inagua Matthew Tow													5					5		
BLR	452	GP	Grodno																			23	
BRA	310	CN	Canivete													4							
BRA	350	STM	Santarem													5							
BRA	365	CVL	Caravelas													2							
BRA	1700	CRJ	Carajas	2													1						
BRI	316	BJO	Bjornoya Is.																		21		
BUL	284	GRN	Gorna Oryahovista							21			0										
BUL	305	GOR	Gorna Oryahovitsa													0							
BUL	321	BU	Burgas													23					0		
BUL	350	DWN	Devnya for Varna													23					23		

BUL	356	BGS	Burgas													0					23		
BUL	397	WN	Varna													1							
BUL	450	PDV	Plovdiv							22												0	
BUL	490	WAK	Vakarel							21		3		21									
CAN	214	YIO	Pond Inlet, NU																		2		
CAN	220	BX	Blanc Sablon, QC			1	4						1								5		
CAN	250	YMH	Mary's Harbour, NL																		5		
CAN	263	QY	Sydney, NS			1	4			3			1	3		1			3		5		
CAN	276	YHR	Chevery, QC			1	4			3			1	2					3		3	23	
CAN	280	QX	Gander, NL			1	3			3		0	1	3		1			1		5	23	
CAN	281	CA	Cartwright, NL			2	3			3			1	3		1			2		5	23	
CAN	305	LT	Alert, NU			1				0			1						0		23		
CAN	323	UWP	Argentia, NL			1	4			3				3		2					2	0	
CAN	340	YY	Mont Joli, QC			0	3		0	4			1	3					3		5	0	
CAN	350	DF	Deer Lake, NL		0	1	23	0	0	3		1	1	3	23	0			4	5	5	23	
CAN	356	AY	St. Anthony, NL			1	3		0	23		1	1	3		3			2		5	0	
CAN	358	NL	St. Johns Signal Hill, NL																		2		
CAN	360	PN	Port Menier Anticosti I., QC						0	4											5		
CAN	364	2B	Springdale, NL																		5		
CAN	366	YMW	Maniwaki, QC																		5		
CAN	370	GR	Grindstone, QC																		5	1	
CAN	372	YCO	Kugluktuk (Coppermine), N																		2		
CAN	373	YXK	Rimouski, QC																		4		
CAN	378	HO	Hopedale, NL							3						1			3		4		
CAN	378	UX	Hall Beach, NU																			23	
CAN	390	JT	Stephenville, NL			1	4			3		2	1	3		4			4		5	0	
CAN	392	ML	Charlevoix, QC			4	4		0	2											5		
CAN	396	JC	Rigolet, NL			1	4		0	3		2	1	3		1			3		5	0	
CAN	520	F9	Miramichi Chatham, NB			1				3											5		
CHN	398	RM	Urumqi Diwopu			23											17						
CHN	411	PK	Eren			19																	
CNR	310	LZ	Lanzarote													4							
CNR	317	TES	Tenerife Reina Sofia													3							

CNR	365	VR	Gran Canaria Las Palmas							3						3					2		
CNR	376	HIE	Hierro Valverde													3							
CNR	389	BX	La Palma													3							
CNR	397	FV	Fuerteventura													4							
CPV	274	SAL	Sal Island		0	1	22			22		0	1	21	22		3		3		1	0	
CYM	344	ZIY	Grand Cayman Georgetowr													5							
CZE	258	N	Ostrave Mosnov		0																		
CZE	300	KD	Praha Kbely	12	18																		
CZE	307	PG	Praha Jinonice	12	18																		
CZE	319	C	Prerov	12	20																		
CZE	328	VRI	Vrchlabi	16	20																		
CZE	356	PR	Praha Suchdol	12	18																		
CZE	365	L	Karlovy Vary Vrata	12	20																		
CZE	368	BNO	Brno Turany	16	20																		
CZE	372	L	Praha Ruzyne Liboc	12	20																		
CZE	386	RAK	Rakovnik	12	20																		
CZE	416	KUN	Kunovice		20																		
CZE	416	V	Vodochody		20																		
CZE	422	UR	Hradec Kralove	13	20																		
CZE	429	B	Brno Turany Borek		22																		
CZE	429	D	Praha Dejvice	13	20																		
CZE	432	PK	Pardubice Prvek	13	20																		
CZE	434	KNE	Kunovice	13	0																		
CZE	438	K	Praha Kbely	13	20																		
CZE	441	CK	Prerov	13	0																		
CZE	448	HLV	Holesov	13	0																		
CZE	492	TBV	Moravska Trebova	13	20																		
CZE	514.5	LA	Namest nad Oslavou	13	23																		
CZE	563	XU	Namest nad Oslavou		6																		
CZE	715	C	Caslav		6																		
CZE	888	P	Pardubice		6																		
DEU	284	FSB	Fassberg			15	19																
DEU	284.5	DY	Dusseldorf			15	4																

DEU	286	HFX	Hohenfels			15	22																		
DEU	292	NKR	Neckar			15	21	18																	
DEU	297	FR	Frankfurt			15																			
DEU	299	SL	Berlin Schonefeld			15	4	14																	
DEU	300.5	LW	Koln Bonn			15																			
DEU	309	MW	Berlin Schonefeld			15	0	14																	
DEU	311	CEL	Celle			15	19	14																	
DEU	311	LMA	Lima			20		18																	
DEU	311	NSN	Niederstetten			15	21	22																	
DEU	315	PAH	Schwerin Parchim			15	19																		
DEU	318	AGB	Augsburg			23	0																		
DEU	318	HIG	Bremen			15	19																		
DEU	320	HA	Hannover East			15	20	15																	
DEU	321	GL	Berlin Tegel East			15	19	15																	
DEU	323	GT	Hamburg North			15	19																		
DEU	325	DP	Diepholtz			15	21	22																	
DEU	327	LV	Kohn Bonn			15	0																		
DEU	330	ABU	Altenburg Nobitz			15	21	15																	
DEU	330	HC	Heringsdorf			15																			
DEU	333	PI	Schwerin Parchim			15	21																		
DEU	334	HDM	Coleman			15	20	0																	
DEU	337	LHR	Lahr Schwarzwald			21	21	0																	
DEU	338	MNW	Munchen			15	21	15																	
DEU	339	HOS	Hamburg			15	19	0																	
DEU	340	ZIG	Leipzig			15	21	15																	
DEU	341	ALG	Memmingen Allgäu			21		0																	
DEU	343	SBN	Saarbrucken			20	21	0																	
DEU	344	CB	Cochstedt Schneidlingen			15	20	15																	
DEU	344	HN	Hohn			20	19	0																	
DEU	345	EMD	Emden			20	4																		
DEU	345	IGL	Ingolstadt			21	0																		
DEU	349	KSL	Kassel Calden			15	21	15																	
DEU	350	FU	Hamburg West			15	20	0																	

DEU	350	SPM	Speyer			18																	
DEU	352	LAA	Niederrhein			15	21																
DEU	353	KIL	Kiel Holtenau			15	19	0															
DEU	354	PAD	Paderborn Lippstadt			15	21	0															
DEU	355	DRW	Cottbus Drewitz			21		15															
DEU	355	KNG	Bad Konig for Frankfurt/Mai			15	21	0															
DEU	357	NRG	Neubrandenburg			15	21	22															
DEU	357	SKZ	Leipzip Halle			15	21	16															
DEU	357	TEST	Dortmund Wickede			15	22	0															
DEU	358	HW	Hannover West			15	21	16															
DEU	358	MSE	Munchen			21	0	0															
DEU	360	SR	Saarbrucken Ensheim			20	21	0															
DEU	365	LJ	Koln Bonn			15	20	0															
DEU	368	BYC	Buckeburg			15	19	0															
DEU	369	MNE	Munchen			21	21	0															
DEU	370	PSA	Spessart			15	20	3															
DEU	371	MYN	Munster Osnabruck			15	21																
DEU	372	NDO	Nordholtz			20	19	0															
DEU	374	FS	Dresden			15	0	16															
DEU	376	HAN	Hahn			20	21																
DEU	377	MGB	Monchengladbach			20																	
DEU	380	FLB	Flensburg			18	0																
DEU	382	FW	Frankfurt Raunheim			15	4	0															
DEU	386	EH	Egelsbach			21	21	0															
DEU	387	SLT	Sylt Westerland			20	21	3															
DEU	392	RW	Berlin Tegel West			15	19	16															
DEU	393	EGG	Eggenfelden			21	21	22															
DEU	394	LYE	Lubeck Blanckensee			20	21	0															
DEU	399	WBD	Wiesbaden			20	20	0															
DEU	400	MSW	Munchen			21	21																
DEU	401.5	BET	Rheine Bentlage			15	20	0															
DEU	405	GRW	Grafenwohr			15	21	16															
DEU	406	HOZ	Holzdorf			15	21	16															

DEU	406.5	BOT	Bottrop			15	20	16															
DEU	407	LUP	Laupheim			20	21	16															
DEU	413.5	DLS	Berlin Tempelhof Lubars			15	20	16															
DEU	415	RTB	Nurnberg Rothenbach			21	21	16															
DEU	417	HDL	Heidelburg					0															
DEU	417	LI	Dusseldorf			15	21																
DEU	419	WUN	Wunstorf			15	21	16															
DEU	425	ERT	Erfurt			15	19	16															
DEU	426	MIQ	Mike for Ingolstadt			21	1	16															
DEU	427	BRU	Braunschweig			15	0	17															
DEU	429	OBI	Oberpfaffenhofen			18	21	0															
DEU	431	KBA	Karlsruhe Baden Baden			21	1	0															
DEU	432	RO	Rothenburg			17	1	17															
DEU	448	LQ	Landsberg			21	0	17															
DEU	452	ANS	Ansbach			15	20	17															
DEU	468	FTZ	Fritzlar			15	20																
DEU	484	HOF	Hof			15	21	17															
DEU	488	ILM	Illesheim			15	20	17															
DEU	489	SIL	Siegen Siegerland			15	21	17															
DOM	450	PPA	Puerto Plata																			23	
ENG	277	CHT	Chiltern							11	13	22	12	12	16	11							
ENG	282	LA	Lyneham							11	13	22	12	12	16	11							
ENG	316	EPM	Epsom for Heathrow							11	12	22	12	19	16	11							
ENG	318	BPL	Blackpool							11		0	15	13	17	16							
ENG	321	STM	Scilly Is. St. Marys							22		0	18			13							
ENG	322	LCY	London City							11	10	22	12		17	13							
ENG	323	SBL	Sherburn in Elmet							22				19	19	13							
ENG	325	OF	Filton							11	19	22	12		17	13							
ENG	327	TNL	Tatenhill							11		22	12		17	13							
ENG	328	BLK	Blackbushe							11		22	14		17	13							
ENG	328	CL	Carlisle							11		22	19	13	17	13							
ENG	331	GST	Gloucestershire							11	19	22	12	13	17	13							
ENG	332	SHM	Shoreham							11		22	15			13							

ENG	332.5	CAM	Cambridge							11		22	12	13	19	13									
ENG	335	WCO	Westcott							11	17	22	12	13	17	13									
ENG	337	EX	Exeter							11		22	12	21	16	13									
ENG	337	WTN	Warton							11		22	12	13		13									
ENG	338	FNY	Doncaster Robin Hood							11	17	22	12	13	17	13									
ENG	339	BIA	Bournemouth							11	17	22	12	19	19	13									
ENG	340	LSH	Lashenden							11	17	22	12	19	19	13									
ENG	342.5	NWI	Norwich							11	17	22	12	13	19	13									
ENG	343	YVL	Yeovil							11			12			13									
ENG	345	LUT	London Luton							11	17	22	18	13	16	13									
ENG	347	MTN	Manston							11	17	22	12	13	16	13									
ENG	347	NQY	Newquay							8		22	19	21	20	13									
ENG	347.5	TD	Teesside							11		22	12	13	16	13									
ENG	348	FOS	Fairoaks							11	16	22	12		16	13									
ENG	349	KMB	Kemble							11		22	12		20	13									
ENG	349.5	LPL	Liverpool							11	16	22	12	13	16	13									
ENG	352	NT	Newcastle							11		22	12	13	16	13									
ENG	352	WOD	Woodley							11	15	22	12	13	16	13									
ENG	353.5	EME	East Midlands							11	15	22	12	12	17	13									
ENG	356	WBA	Wolverhampton							11	15	22	12	12	17	13									
ENG	362.5	SND	Southend on Sea							11	15	22	12	12	17	13									
ENG	363.5	CT	Coventry							11	15	22	12	13	17	13									
ENG	365	KIM	Humberside							11	15	22	12	12	17	13									
ENG	367.5	OX	Oxford Kidlington							11	15	22	13	12	17	13									
ENG	368.5	WHI	Whitegate for Hawarden							11	15	22	13	12	17	13									
ENG	369	RCH	Rochester							11	15	22	13		17	13									
ENG	370	CUL	Culdrose									23	19			13									
ENG	378.5	NN	Northampton Sywell							11	15	23	13		17	13									
ENG	380	WFD	Manchester Woodford							11		7	13	12	17	13									
ENG	383.5	LE	Leicester							11		23	13		18	13									
ENG	385	WL	Barrow Walney Is							11		23	13	12	18	13									
ENG	386	BZ	Brize Norton							11	14	23	13	20	18	13									
ENG	391.5	EAS	Southampton Eastleigh							11	12	23	13	20	18	13									

ENG	393	EMW	East Midlands							11	12	23	13	12	18	13									
ENG	396.5	PY	Plymouth City							12		23	13	21		13									
ENG	397	LZD	Lydd							12	12	23	13	12	18	13									
ENG	402.5	LBA	Leeds Bradford							12	12	23	13	12	18	13									
ENG	406	BHX	Birmingham							12	12	23	13	12	18	13									
ENG	414	BRI	Bristol							12	6	23	13	20	19	13									
ENG	417	ND	Gt.Yarmouth Nth Denes							12	6	23	13	12	20	13									
ENG	421	BUR	Burnham							12	6	23	13	12	19	14									
ENG	423	CWL	Cranwell							12	6	23	13	12	19	14									
ENG	426	SH	Shobdon							12		23	13	21	20	14									
ENG	433.5	HEN	Henton							12	6	23	13	12	19	14									
ENG	850	CIT	Cranfield							12		23	13			18									
ESP	380	CAC	Caceres														3								
ESP	401	COA	La Coruña														1								
FIN	290	TP	Oulu							22			0				18	7					1		
FIN	296	JYV	Jyvaskyla														18	7							
FIN	305	S	Mariehamn														18	7							
FIN	306	L	Jyvaskyla														18	7							
FIN	310	KUR	Kuopio							22			0			1	18	7	1						
FIN	315	D	Tampere Pirkkala														18	7							
FIN	318	A	Sodankyla														18								
FIN	318	B	Pori														18	7							
FIN	319	G	Halli Laajakallio														18	7							
FIN	322	KOR	Helsinki Korso														18	7							
FIN	324	AS	Kemi Tornio							22			21				18	7	21				23		
FIN	325	JOE	Joensuu							20			0			0	18	7							
FIN	326	SUI	Tampere Suini														18	7							
FIN	328	KIT	Kittila										0			1	18	17							
FIN	333	G	Kemi Tornio							22			21			1	18	7	21						
FIN	334	S	Kuopio														18	7							
FIN	336	M	Mikkeli														18	7							
FIN	337	KAJ	Kajaani							23		1	0			1	18	16	3				23		
FIN	339	V	Kokkola Kruunupyy														18	16							

FIN	340	KAI	Utti Kaipi															18	7					
FIN	340	KS	Kuusamo							20			0	22			18	16						
FIN	341	POR	Pori														18	7						
FIN	344	HEK	Heka for Helsinki Vantaa														18	7						
FIN	344	L	Kittila														18	17						
FIN	345	SUS	Kauhava Susi														18	7						
FIN	346	MI	Mikkeli							22							18	7						
FIN	350	LAA	Oulu Laanila							22	(15)	1	21			22	18	7	2			23		
FIN	351	SAV	Savonlinna														18	7						
FIN	352	PSJ	Seinajoki														18	7						
FIN	354	G	Ivalo											22			18	17						
FIN	355	J	Varkaus														18	7						
FIN	357	R	Rovaniemi														18	17						
FIN	357	SEP	Vaasa Seppi														18	8						
FIN	361	LIE	Turku Lieto														18	8						
FIN	361	RO	Kauhava														18	8						
FIN	364	B	Kittila														18							
FIN	365	VS	Tampere Vesilahti														18	8						
FIN	368	SK	Sodankyla													1	18	17	23					
FIN	370	JR	Varkaus Joroinen							21			18			1	18	8	23					
FIN	371.5	U	Helsinki Vantaa														18	8						
FIN	373	KEM	Kemi Tornio							22		2	0			2	18	8	2			23		
FIN	374	S	Mikkeli														18	8						
FIN	375	FR	Pori Vanhakylä														18	8						
FIN	375	HET	Enontekio Hetta														18				21			
FIN	377	B	Kuopio														18	8						
FIN	377	PA	Rovaniemi														19							
FIN	378	D	Kauhava														18	17						
FIN	380	TOL	Ivalo														18	16						
FIN	381	ESP	Helsinki Espoo														18	8						
FIN	382	IJ	Seinajoki														18	8						
FIN	385	KV	Halli														18	8						
FIN	387	JL	Kuopio							21			0			2	18	8						

FIN	388	KRU	Kronoby Kruunupyy														18	8						
FIN	392	GDY	Mariehamn Godby														18	8						
FIN	392	RAN	Lappeenranta							22						2	18	8						
FIN	394	JOK	Kauhajoki														18	8						
FIN	398	ESS	Kokkola Esse														18	8						
FIN	401	JP	Joensuu							0			0				18	8						
FIN	403	H	Helsinki Vantaa														19	8						
FIN	404	JAN	Halli Janne														18	8						
FIN	404	Y	Kemi Tornio							22			0			23	18	16						
FIN	406	V	Ivalo														18	17						
FIN	408	F	Helsinki Malmi														18	8						
FIN	408	H	Enontekio														18							
FIN	408	O	Seinajoki														19	17						
FIN	412	I	Halli														18	8						
FIN	416	TOR	Rovaniemi Toramo							0			0			0	18	16			20			
FIN	419	HY	Vaasa														18	8						
FIN	432	AKU	Ivalo Akujarvi		1					0			0	22		0	18	16			20			
FRA	286.5	TA	Villacoublay Velizy																17					
FRA	288.5	AVD	Avord																17					
FRA	301	RTN	Romorantin																17					
FRA	306.5	AV	Avord																17					
FRA	315	HOL	Villacoublay																17					
FRA	317	MM	Montceau les Mines																1					
FRA	317	VS	Valenciennes																17					
FRA	320	LSU	Limoges Bellegarde																1					
FRA	320	TY	Troyes Barberey																17					
FRA	320	VE	Valence Chabeuil																22					
FRA	321	ABY	Albert Bray																17					
FRA	322	ORS	Orleans																20					
FRA	322	TLN	Hyeres Le Palyvestre																4					
FRA	324	MOU	Moulins																2					
FRA	326	LM	Le Mans																2					
FRA	327	MVC	Merville Calonne																17					

FRA	331	TUR	Tours																	17				
FRA	331.5	TLF	Toulouse Francazal																	2				
FRA	332	LL	Lille Lesquin																	17				
FRA	339	GI	Amiens Glisy																	17				
FRA	339	NE	Nancy Essey																	17				
FRA	341	AMB	Amboise																	3				
FRA	343	CGO	Paris Charles De Gaulle																	17				
FRA	346	CH	Chambery Aix les Bains																	22				
FRA	346	OC	Cognac Chateaubernard																	0				
FRA	347	CVT	Chalons Vatry																	0				
FRA	349	RS	Rennes St Jacques																	18				
FRA	351	DSA	Dieppe St Aubin																	17				
FRA	353	SB	St.Brieuc Armor																	17				
FRA	354	CGC	Cognac																	22				
FRA	354	MTZ	Metz Nancy																	17				
FRA	356	RSY	Paris CdG																	0				
FRA	357	LP	Cholet Le Pontreau																	23				
FRA	358	LT	Le Touquet																	19				
FRA	358	RNN	Roanne Renaison																	0				
FRA	359	LOR	Lorient																	18				
FRA	359.5	CDN	Chateaudun																	18				
FRA	361	NB	Bordeaux Merignac																	0				
FRA	363	PI	Poitiers Biard																	3				
FRA	363.5	LXI	Luxeuil St Sauveur																	22				
FRA	364	PU	Pau Pyrenees																	2				
FRA	364	RSO	Paris CdG																	2				
FRA	367	CF	Clermont Ferrand																	2				
FRA	367	VAT	Chalons Vatry																	21				
FRA	369	GL	Nantes																	0				
FRA	370	CGZ	Paris CdG																	2				
FRA	372	CSM	Castelsarrasin Moissac																	0				
FRA	372	PY	Le Puy Loudes																	0				
FRA	373	MP	Cherbourg Maupertus																	4				

FRA	377	PNT	Pontivy																	2				
FRA	380	HO	Colmar Houssen																	3				
FRA	384	AT	Annecy Meythet																	0				
FRA	385	OAN	Orleans Bricy																	10				
FRA	387	ING	St. Inglevert																	18				
FRA	388	LOU	Metz Louvigny																	21				
FRA	390	DR	Dinard Pleurtuit St Malo																	10				
FRA	390.5	ITR	Istres Le Tubé																	18				
FRA	391	BV	Beauvais Tillé																	18				
FRA	392	AS	Angers																	23				
FRA	393	BD	Bordeaux Merignac																	3				
FRA	394	NV	Nevers Fourchambault																	11				
FRA	397	ZR	Beziers Vias																	4				
FRA	398	LRN	Lorquin Xouaxange																	11				
FRA	398	MT	St. Nazaire Montoir																	23				
FRA	400	AG	Agen La Garenne																	23				
FRA	401	LA	Laval Entrammes																	11				
FRA	402	DA	Ales Deaux																	23				
FRA	403	VZ	Vichy Charmeil																	23				
FRA	404	CNE	Caen Carpiquet																	11				
FRA	404	MRV	Merville Calonne																	11				
FRA	410	ETN	Etain Rouvres																	11				
FRA	412	SE	Strasbourg Entzheim																	3				
FRA	415	TOE	Toulouse Blagnac																	21				
FRA	417	AX	Auxerre Branches																	11				
FRA	418	MK	Calais Dunkerque																	11				
FRA	419	EMT	Epinal Mirecourt																	22				
FRA	423	TS	Toulouse Blagnac																	22				
FRA	424	LOE	Limoges Bellegarde																	22				
FRA	424	PHG	Phalsbourg																	3				
FRA	427	AUB	Aubenas Vals Lanas																	22				
FRA	427	RY	Royan																	22				
FRA	428	BST	Lanveoc Poulmic																20	11				

FRA	428	CTX	Chateauroux Déols																22					
FRA	430	SN	St. Yan																22					
FRA	434	MV	Melun Villaroche																11					
GEO	353	BT	Ali			1	23	0																
GEO	430	LU	Batumi			20	23	0													23		17
GRL	372	OZN	Prins Christian Sund		21	1	1		0	3			1	21	21	2			4		5	16	
GRL	382	SF	Sondre Kangerlussuaq			2																	
GRL	386	CP	Constable Pynt									2											
HOL	326	LLS	Lelystad																	16	13		
HOL	330	SO	Eelde Groningen																	16	13		
HOL	332	NV	Amsterdam Schiphol																	16	13		
HOL	350.5	ROT	Rotterdam																	16	13		
HOL	357	VZ	Eelde Groningen																	16	13		
HOL	369	PS	Rotterdam Locator																	16	13		
HOL	373	NW	Maastricht Beek																	16	13		
HOL	376	WP	Amsterdam Weesp																	16	13		
HOL	383.5	GUL	Gulpen																	16	13		
HOL	386	STD	Stad aan het Haringvliet																	16	13		
HOL	388.5	CH	Amsterdam Schiphol																	16	13		
HOL	395	OA	Amsterdam Schiphol																	16	14		
HOL	397	EHN	Eindhoven																	16	14		
HOL	404.5	RR	Rotterdam Locator																	16	14		
IRL	316	OE	Dublin																			12	
IRL	321	CRN	Galway Carnmore																			12	
IRL	330	NSM	Inishmaan Aran Is.																			12	
IRL	334	GMN	Gormanston																			12	
IRL	339	OL	Shannon																			12	
IRL	352	ENS	Ennis																			12	
IRL	361	CFN	Carrickfinn Donegal																			12	
IRL	364	KNK	Connaught Knock																			12	
IRL	368	WTD	Waterford																			12	
IRL	378	KLY	Killiney for Dublin																			12	
IRL	384	SLG	Sligo																			12	

IRL	387	CML	Clonmel																				12	
IRL	395	FOY	Foynes for Shannon																				12	
IRL	397	OP	Dublin																				12	
IRL	398	OK	Connaught																				12	
IRL	407	GAR	Dublin Garristown																				12	
IRN	300	TBZ	Tabriz			19																		
IRN	317	HAM	Hamadan					23								23					22			
IRN	337	IFN	Esfahan			22		0																
IRN	341	BUZ	Bushehr			0																		
IRN	355	ARB	Ardabil		22	21	21	0								0	19				22			
IRN	370	UMH	Uromiyeh			22																		
IRN	393	RST	Rasht			22	0	0								0	17				23			
IRN	395	TBS	Tabas			22											17				22			
IRN	450	PAD	Parsabade					0																
ISL	325	RH	Reykholt			1																		
ISL	330	RF	Rif																		4			
ISL	334	AR	Akureyri																		5			
ISL	348	HA	Vopnafjordhur Hofsa			23																		
ISL	355	RK	Reykjavik Sudurnes			2	4														4			
ISL	366	HK	Holmavik																		4			
ISL	373	TN	Thorshofn			2																		
ISL	375	VM	Vestmannaeyjar		0	20	23																	
ISL	387	NB	Akureyri Botn																		(4)			
ISL	392	KF	Keflavik			0	23													4	4	4		
ITA	345	TZO	Trezzo d'Adda Milano														2							
ITA	357.5	FAL	Ancona Falconara														2							
ITA	374.5	ANC	Ancona														1							
ITA	480	VIB	Viterbo																				0	
JMY	362	JAN	Jan Mayen			22	0			22			1			1			2		20			
KAZ	443	AL	Almaty			18																		
KAZ	451	BK	Yubileinyi			1																		
KAZ	451	KU	Yubileinyi			1																		
KAZ	510	NK	Novokazalinsk			18																		

KAZ	512	NA	Narimanovka Kostanay			18	21	22							22						19		
LBY	327	NC8	Hamada NC 8					23															
LBY	357	RJ	Tripoli Mitiga					0								23							
LBY	363	ZEL	Zelten			19	1	0															
LBY	405	VG	Eddib V7 (Minquaral)			0	1																
LBY	407	SRT	Sirte		21	23	21	0		22			1			0	1		23		2	0	
LBY	429	KDR	Kadra		21	18	0	0									1				2		
LBY	435	D	Tripoli		1	19	0	0													2		
LBY	435	GHT	Ghat		21	19	21	0													2	0	
MDR	318	MAD	Funchal													4							
MDR	338	PST	Porto Santo							5			2	22		3	3		2		4		
MRC	267	CNZ	Marrakech Menara							22											1		
MRC	275	CAE	Ben Slimane							4													
MRC	282	NSR	Casablanca Mohamed							22		0			22						1		
MRC	345	CSD	Daouarat													23							
NGR	293	ARL	Arlit													23							
NOR	299.5	KN	Svolvaer Skrova							22		0							22				
NOR	348	SAD	Leknes Sandsund							22						22			2				
NOR	365	ODD	Harstad Odden							21													
NOR	404	KG	Stokmarknes Kjerringnes							0													
NOR	414	SJA	Bardufoss Senja							0													
POL	474	BIA	Rzeszow Jasionka																			19	
POR	332	FAR	Faro		1									4									
POR	389	CP	Lisbon Caparica		0	23											1						
PTR	391	DDP	San Juan Dorado			0	2			4		2	1	3		5	1			4	5	23	
ROU	378	ZZ	Constanta													1							
ROU	428	TGM	Targu Mures											20									
ROU	517	ARD	Arad																			23	
RSE	1150	BN	Bolshaya Nikolayevka			17																	
RUS	401	AN	Anapa Vityazevo			2																	
RUS	401	AP	Anapa Vityazevo			2																	
RUS	414	SB	Sambek			0																	
RUS	420	KN	Kobona							22						0							

RUS	434	GR	Gorka							20													
RUS	435	BI	Bisert			19																	
RUS	435	ER	Yegorlykskaya			18																	
RUS	445	KM	Kem							22											20		
RUS	445	OK	Zernograd			18																	
RUS	450	WU	Sosnovka																			19	
RUS	460	GB	Volchanka		23																22	19	
RUS	475	ZG	Petrovskoye																			19	
RUS	478	MF	Larionovo																			19	
RUS	485	CW	Krasnaya Gorbatka																			20	
RUS	490	FI	Golitsyno																			19	
RUS	493	KR	Krasnodar Pashkovsky				0														22	20	
RUS	507	ND	Bolshevik					18									16						
RUS	515	NV	Rostov na Donu																			18	
RUS	515	SL	Sukhodol																			18	
RUS	521	PO	Pretoriya																			20	
RUS	523	BK	Lunino																			20	
RUS	591	RN	Penza			17																	
RUS	592	CS	Morozovsk			17																	
RUS	777	ST	Sirotinskaya			17																	
RUS	780	N	Anapa Vityazevo			17																	
RUS	932	KR	Krasnoarmeysk			17																	
SAP	387	SPP	San Andres Is												5								
SCY	335	PAN	Pantelleria										0										
SCY	355.5	PAL	Palermo											22									
SCY	373	LPD	Lampedusa				0					2											
SRB	423	ZO	Nis Zitorada														2						
SVK	438	PE	Poprad Tatry East																			23	
SWE	285	LCF	Linköping Malmen																				12
SWE	300	SC	Linkoping Malmen																				12
SWE	309	LG	Satenas																				18
SWE	312	DJ	Ostersund Froson																				21
SWE	312	KBG	Karlsborg																				18

SWE	318	LP	Ronneby Kallinge																						12
SWE	320	OL	Lycksele																						18
SWE	322	OD	Ornskoldsvik																						19
SWE	322	OU	Stockholm Bromma																						12
SWE	324	ON	Norrkoping																						12
SWE	325	DH	Oskarshamn																						12
SWE	325	NUT	Hemavan																						20
SWE	325	OG	Gallivare																						18
SWE	325	PG	Trollhattan Vanersborg																						20
SWE	326	KG	Kramfors Bjartra																						17
SWE	326	OG	Gavle Sandviken																						20
SWE	327	Y	Sveg																						18
SWE	328	DK	Vilhelmina																						18
SWE	329	VX	Vaxjo Kronoberg																						12
SWE	329	WU	Umea																						12
SWE	330	LNA	Lena Enkoping																						12
SWE	330	SKS	Karlstad																						18
SWE	333	LE	Vasteras Hasslo																						12
SWE	335	AC	Hultsfred																						12
SWE	335	NAK	Stockholm Bromma Nacka																						12
SWE	336	LT	Halmstad																						18
SWE	337	OZ	Soderhamn Skallen																						12
SWE	338	OA	Jonkoping																						12
SWE	339	EA	Stockholm Arlanda																						19
SWE	341	NKS	Karlstad																						18
SWE	342	SL	Goteborg Landvetter																						20
SWE	342	SUT	Hemavan																						21
SWE	346	GS	Gavle Sandviken																						18
SWE	348	GUN	Storuman Gunnarn																						21
SWE	348	WA	Stockholm Arlanda																						12
SWE	349	JX	Vaxjo Kronoberg																						12
SWE	351	OV	Visby																						12
SWE	352	CG	Stockholm Arlanda																						12

SWE	359	LK	Lidkoping Ekgarden																						12
SWE	360	DL	Stockholm Arlanda																						12
SWE	362	NN	Eskilstuna Kjula																						18
SWE	363	OEM	Kristianstad Everod																						18
SWE	364	NW	Stockholm Skavsta																						18
SWE	364	VNA	Vanja Umea																						18
SWE	366	KM	Kalmar																						14
SWE	366	SF	Falkoping																						20
SWE	366	UP	Uppsala																						18
SWE	369	OS	Skelleftea																						14
SWE	370	DC	Oskarshamn																						14
SWE	370	OHT	Stockholm Arlanda																						14
SWE	370.5	LB	Angelholm Barkakra																						18
SWE	375	KD	Kristianstad Everod																						14
SWE	375	RB	Orebro																						17
SWE	376	LN	Hultsfred																						14
SWE	377	KN	Norrkoping Kungsangen																						14
SWE	377	SM	Mora Siljan																						17
SWE	378	OS	Sundsvall Harnosand																						18
SWE	380	F	Falkoping																						20
SWE	380	LF	Ronneby Kallinge																						14
SWE	383	ERK	Erken																						18
SWE	384	NS	Skovde																						17
SWE	384	TY	Torsby Fryklanda																						18
SWE	388	COR	Corner Bromma																						14
SWE	390	LV	Arvika																						19
SWE	390	SS	Skovde																						17
SWE	393	AB	Hagfors																						19
SWE	394	NB	Stockholm Bromma																						14
SWE	397	LM	Borlange																						20
SWE	397	NF	Falkoping																						19
SWE	398	PEO	Stockholm Skavsta																						14
SWE	399	FM	Trollhattan Vanersborg																						19

SWE	400	EN	Orebro																					14
SWE	402	LX	Eskilstuna																					14
SWE	402	TH	Torsby																					20
SWE	403	NM	Mora Siljan																					20
SWE	403	OJ	Jonkoping																					19
SWE	404	LA	Stockholm Arlanda																					14
SWE	405	AV	Goteborg Save																					19
SWE	406	NV	Vilhelmina																					20
SWE	407	KA	Karlskoga																					21
SWE	409	SG	Satenas Tune																					15
SWE	415	OL	Linkoping Saab																					15
SWE	416	BCS	Bacchus																					19
SWE	416	R	Arvika																					20
SWE	417	AH	Angelholm Barkakra																					15
SWE	417	R	Gavle Sandviken																					19
SWE	419	RD	Vasteras Hasslo																					15
SWE	421	BL	Borlange																					19
SWE	421	MF	Halmstad																					20
SWE	421	T	Linkoping Saab																					15
SWE	425	OU	Umea																					15
SWE	427	LUE	Kramfors Lunde																					19
SYR	372.5	KTN	Kariatain	22	21	18	22			21							17				19			
TUR	324	KFK	Afyon													23								
TUR	356	ANK	Ankara													0								
TUR	363	CIG	Izmir Cigli Kaklic			18																		
TUR	383.5	ARF	Topel Arifiye													1					0	0		
TUR	414	USK	Usak			0																		
UKR	360	KI	Kiev Zhulyany													3								
UKR	402	TM	Tomakivka													23								
UKR	435	SM	Semenivka							22			0									18		
UKR	490	KO	Koshany											21								19		
UKR	525	CH	Chernyakhiv							22														
UKR	770	MA	Mariupol			17																		

UKR	1155	LS	Krasnij Luch			17																	
UKR	1255	LG	Lugansk			17																	
USA	216	CLB	Wilmington Carolina Bch, N			0	1														2		
XUE	293	N	(UNID)													5							
XUE	428	PU	(UNID)											20									
XUE	479	S	(UNID)														16						
XUE	486	T	(UNID)														16						
XUE	505	TN	(UNID) or TNE														16						
Cou	kHz	Call	Location	CZE my	CZE ze	DEU hw	DEU je	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FIN jt	FIN ks	FRA jj	HOL pl	HOL rb	IRL fo	SWE cw

COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.
The numbers shown in **bold** are reporters' 'Home' loggings.
Numbers in (brackets) show where one or more of the loggings may be less than 2000 km.

Cou	Country	CZE my	CZE ze	DEU hw	DEU je	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FIN jt	FIN ks	FRA jj	HOL pl	HOL rb	IRL fo	SWE cw
ALB	Albania												1								
ALG	Algeria	1	1			1															
ASC	Ascension Is.													1							
ATG	Antigua and Barbuda													1	1				1		
AZR	Azores			1				3		1	1	1		6	2				5	1	
BAH	Bahamas													1					1		
BLR	Belarus																			1	
BRA	Brazil	1												3	1						
BRI	Bear Is.(Bjornoya)																		1		
BUL	Bulgaria							3		1	1	1		5					3	1	
CAN	NB			1				1											1		
CAN	NL		1	7	7	1	3	8		5	6	7	1	8			7	1	11	7	

CAN	NS			1	1			1			1	1		1			1		1		
CAN	NU			1				1			1						1		3	1	
CAN	QC			4	4		3	4			3	2					2		8	3	
CHN	China (PRC)			2											1						
CNR	Canary Is.							1						6					1		
CPV	Cape Verde Is.		1	1	1			1		1	1	1	1		1		1		1	1	
CYM	Cayman Is.													1							
CZE	Czech Rep.	**18**	**25**																		
DEU	Germany			**86**	**78**	**64**															
DOM	Dominican Rep.																			1	
ENG	England							**57**	**36**	**56**	**57**	**44**	**51**	**58**							
ESP	Spain														2						
FIN	Finland		1					17	(1)	3	16	3		14	**69**	**64**	8		3	5	
FRA	France														1		**85**				
GEO	Georgia			2	2	2													1		1
GRL	Greenland		1	2	1		1	1		1	1	1	1	1			1		1	1	
HOL	Netherlands																	**14**	**14**		
IRL	Ireland																			**16**	
IRN	Iran		1	7	2	5								3	3				4		
ISL	Iceland		1	6	3												1	1	(6)		
ITA	Italy														3					1	
JMY	Jan Mayen			1	1			1			1			1			1		1		
KAZ	Kazakhstan			5	1	1							1						1		
LBY	Libya		4	6	6	7		1			1			2	2		1		4	2	
MDR	Madeira							1			1	1		2	1		1		1		
MRC	Morocco							3		1			1	1					2		
NGR	Niger													1							
NOR	Norway							5		1				1			2				
POL	Poland																			1	
POR	Portugal		2	1								1			1						
PTR	Puerto Rico			1	1			1		1	1	1		1	1			1	1	1	
ROU	Romania											1		1						1	
RSE	Russia (East)			1																	
RUS	Russia (Eu)		1	11	1	1		3						1	1				3	11	
SAP	San Andres & Providencia													1							
SCY	Sicily				1					1	1	1									

SRB	Serbia														1						
SVK	Slovakia																			1	
SWE	Sweden																				**92**
SYR	Syria	1	1	1	1			1							1				1		
TUR	Turkey			2										3					1	1	
UKR	Ukraine			3				2			1	1		2						2	
USA	NC			1	1														1		
XUE	UNID											1		1	3						
Cou	Country	CZE my	CZE ze	DEU hw	DEU je	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FIN jt	FIN ks	FRA jj	HOL pl	HOL rb	IRL fo	SWE cw

LISTENING TIMES:

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

UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	DEU mz	ENG ag	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FIN jt	FIN ks	FRA jj	HOL pl	HOL rb	IRL fo	SWE cw
00:00 - 00:59		8	8	15	38	7	6		7	15			11			10		2	11	
01:00 - 01:59		3	17	7					4	16			16	7		4		3	2	
02:00 - 02:59	2		6	1	1		1		6	2	2		8	5		15		10		
03:00 - 03:59				4	2		12		1		10		8	4		13		2		
04:00 - 04:59			2	12			6				1		6			7	2	10		
05:00 - 05:59							1						9				1	21		
06:00 - 06:59		3						5												
07:00 - 07:59									1						24					
08:00 - 08:59							1								25					
09:00 - 09:59																				
10:00 - 10:59								1								2				
11:00 - 11:59							43						3			10				
12:00 - 12:59	7						11	6		28	18								16	20
13:00 - 13:59	9							2		21	15		49					11		
14:00 - 14:59					3			1		1			4					3		14

15:00 - 15:59			56		8			11		2										6
16:00 - 16:59	2				13			2				11	1	4	7		14		1	
17:00 - 17:59			10		7			7				19		4	8	17				6
18:00 - 18:59		3	11		3					3		8	1	66		6			3	19
19:00 - 19:59			6	13				2		3	4	9		4		1		2	7	12
20:00 - 20:59		13	14	13			3				5	4		1		1		4	4	12
21:00 - 21:59		5	14	38			6			3	8	1				5		2		4
22:00 - 22:59	1	3	5	4	5		23		35		5	3	2			12		5		
23:00 - 23:59		2	5	5	2		3		18			2	9			9		7	15	
UTC (hh)	CZE fr	CZE jp	CZE ze	DEU hw	DEU je	DEU mo	DEU mz	ENG bk	ENG ds	ENG ij	ENG me	ENG mt	ENG ph	ENG py	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	HOL ft

MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' ! (Where there was a single reporter from a country, please see their 'home' loggings in the main list)

kHz	C/S	Location	Cou	**Reporter**		UTC
356.5	OU	Ouargla	ALG	**CZE**	**ze**	22:47
258	N	Ostrave Mosnov	CZE	**CZE**	**ze**	00:23
715	C	Caslav	CZE	**CZE**	**ze**	06:48
563	XU	Namest nad Oslavou	CZE	**CZE**	**ze**	06:51
888	P	Pardubice	CZE	**CZE**	**ze**	06:53
416	V	Vodochody	CZE	**CZE**	**ze**	20:39
416	KUN	Kunovice	CZE	**CZE**	**ze**	20:39
429	B	Brno Turany Borek	CZE	**CZE**	**ze**	22:44
411	PK	Eren	CHN	**DEU**	**hw**	19:18
297	FR	Frankfurt	DEU	**DEU**	**hw**	15:17
300.5	LW	Koln Bonn	DEU	**DEU**	**hw**	15:18
330	HC	Heringsdorf	DEU	**DEU**	**hw**	15:25
350	SPM	Speyer	DEU	**DEU**	**hw**	18:49
377	MGB	Monchengladbach	DEU	**DEU**	**hw**	20:43

382	SF	Sondre Kangerlussuaq	GRL	**DEU**	**hw**	02:43
341	BUZ	Bushehr	IRN	**DEU**	**hw**	00:02
300	TBZ	Tabriz	IRN	**DEU**	**hw**	19:34
370	UMH	Uromiyeh	IRN	**DEU**	**hw**	22:19
325	RH	Reykholt	ISL	**DEU**	**hw**	01:33
373	TN	Thorshofn	ISL	**DEU**	**hw**	02:01
348	HA	Vopnafjordhur Hofsa	ISL	**DEU**	**hw**	23:35
451	KU	Yubileinyi	KAZ	**DEU**	**hw**	01:08
451	BK	Yubileinyi	KAZ	**DEU**	**hw**	01:08
510	NK	Novokazalinsk	KAZ	**DEU**	**hw**	18:19
443	AL	Almaty	KAZ	**DEU**	**hw**	18:36
1150	BN	Bolshaya Nikolayevka	RSE	**DEU**	**hw**	17:25
414	SB	Sambek	RUS	**DEU**	**hw**	00:35
401	AN	Anapa Vityazevo	RUS	**DEU**	**hw**	02:42
401	AP	Anapa Vityazevo	RUS	**DEU**	**hw**	02:42
780	N	Anapa Vityazevo	RUS	**DEU**	**hw**	17:04
932	KR	Krasnoarmeysk	RUS	**DEU**	**hw**	17:33
777	ST	Sirotinskaya	RUS	**DEU**	**hw**	17:42
592	CS	Morozovsk	RUS	**DEU**	**hw**	17:46
591	RN	Penza	RUS	**DEU**	**hw**	17:53
435	ER	Yegorlykskaya	RUS	**DEU**	**hw**	18:35
445	OK	Zernograd	RUS	**DEU**	**hw**	18:44
435	BI	Bisert	RUS	**DEU**	**hw**	19:03
414	USK	Usak	TUR	**DEU**	**hw**	00:37
363	CIG	Izmir Cigli Kaklic	TUR	**DEU**	**hw**	18:21
1155	LS	Krasnij Luch	UKR	**DEU**	**hw**	17:23
770	MA	Mariupol	UKR	**DEU**	**hw**	17:41
1255	LG	Lugansk	UKR	**DEU**	**hw**	17:49
417	HDL	Heidelburg	DEU	**DEU**	**mz**	00:07
450	PAD	Parsabade	IRN	**DEU**	**mz**	00:03
327	NC8	Hamada NC 8	LBY	**DEU**	**mz**	23:58
275	CAE	Ben Slimane	MRC	**ENG**	**bk**	04:12
404	KG	Stokmarknes Kjerringnes	NOR	**ENG**	**bk**	00:56
414	SJA	Bardufoss Senja	NOR	**ENG**	**bk**	00:57
365	ODD	Harstad Odden	NOR	**ENG**	**bk**	21:31
434	GR	Gorka	RUS	**ENG**	**bk**	20:36

525	CH	Chernyakhiv	UKR	**ENG**	**bk**	22:56
386	CP	Constable Pynt	GRL	**ENG**	**ds**	02:27
335	PAN	Pantelleria	SCY	**ENG**	**hh**	00:51
428	TGM	Targu Mures	ROU	**ENG**	**me**	20:48
355.5	PAL	Palermo	SCY	**ENG**	**me**	22:17
428	PU	(UNID)	XUE	**ENG**	**me**	20:48
290	TR	Tirana Rinas	ALB	**ENG**	**px**	23:49
360	ASN	Ascension Is.	ASC	**ENG**	**py**	02:04
351	PD	Ponta Delgada	AZR	**ENG**	**py**	05:07
420	PI	Pico Is.	AZR	**ENG**	**py**	05:14
365	CVL	Caravelas	BRA	**ENG**	**py**	02:50
310	CN	Canivete	BRA	**ENG**	**py**	04:14
350	STM	Santarem	BRA	**ENG**	**py**	05:20
305	GOR	Gorna Oryahovitsa	BUL	**ENG**	**py**	00:10
397	WN	Varna	BUL	**ENG**	**py**	01:58
317	TES	Tenerife Reina Sofia	CNR	**ENG**	**py**	03:47
376	HIE	Hierro Valverde	CNR	**ENG**	**py**	03:56
389	BX	La Palma	CNR	**ENG**	**py**	03:59
310	LZ	Lanzarote	CNR	**ENG**	**py**	04:19
397	FV	Fuerteventura	CNR	**ENG**	**py**	04:25
344	ZIY	Grand Cayman	CYM	**ENG**	**py**	05:12
318	MAD	Funchal	MDR	**ENG**	**py**	04:56
345	CSD	Daouarat	MRC	**ENG**	**py**	23:00
293	ARL	Arlit	NGR	**ENG**	**py**	23:40
378	ZZ	Constanta	ROU	**ENG**	**py**	01:04
387	SPP	San Andres Is	SAP	**ENG**	**py**	05:37
356	ANK	Ankara	TUR	**ENG**	**py**	00:11
324	KFK	Afyon	TUR	**ENG**	**py**	23:10
360	KI	Kiev Zhulyany	UKR	**ENG**	**py**	03:59
402	TM	Tomakivka	UKR	**ENG**	**py**	23:43
293	N	(UNID)	XUE	**ENG**	**py**	05:34
401	COA	La Coruña	ESP	**FIN**	**jt**	01:57
380	CAC	Caceres	ESP	**FIN**	**jt**	03:48
364	B	Kittila	FIN	**FIN**	**jt**	18:36
408	H	Enontekio	FIN	**FIN**	**jt**	18:51
318	A	Sodankyla	FIN	**FIN**	**jt**	18:56

377	PA	Rovaniemi	FIN	**FIN**	**jt**	19:04
374.5	ANC	Ancona	ITA	**FIN**	**jt**	01:55
345	TZO	Trezzo d'Adda Milano	ITA	**FIN**	**jt**	02:00
357.5	FAL	Ancona Falconara	ITA	**FIN**	**jt**	02:01
423	ZO	Nis Zitorada	SRB	**FIN**	**jt**	02:01
486	T	(UNID)	XUE	**FIN**	**jt**	16:32
479	S	(UNID)	XUE	**FIN**	**jt**	16:36
505	TN	(UNID) or TNE	XUE	**FIN**	**jt**	16:49
428	GC	Santa Cruz de Graciosa	AZR	**HOL**	**rb**	03:49
316	BJO	Bjornoya Is.	BRI	**HOL**	**rb**	21:52
214	YIO	Pond Inlet, NU	CAN	**HOL**	**rb**	02:11
372	YCO	Kugluktuk (Coppermine),	CAN	**HOL**	**rb**	02:42
358	NL	St. Johns Signal Hill, NL	CAN	**HOL**	**rb**	02:54
373	YXK	Rimouski, QC	CAN	**HOL**	**rb**	04:12
366	YMW	Maniwaki, QC	CAN	**HOL**	**rb**	05:02
364	2B	Springdale, NL	CAN	**HOL**	**rb**	05:06
250	YMH	Mary's Harbour, NL	CAN	**HOL**	**rb**	05:33
330	RF	Rif	ISL	**HOL**	**rb**	04:06
366	HK	Holmavik	ISL	**HOL**	**rb**	04:17
387	NB	Akureyri Botn	ISL	**HOL**	**rb**	04:32
334	AR	Akureyri	ISL	**HOL**	**rb**	05:06
452	GP	Grodno	BLR	**IRL**	**fo**	23:52
378	UX	Hall Beach, NU	CAN	**IRL**	**fo**	23:48
450	PPA	Puerto Plata	DOM	**IRL**	**fo**	23:50
480	VIB	Viterbo	ITA	**IRL**	**fo**	00:35
474	BIA	Rzeszow Jasionka	POL	**IRL**	**fo**	19:20
517	ARD	Arad	ROU	**IRL**	**fo**	23:30
515	SL	Sukhodol	RUS	**IRL**	**fo**	18:56
515	NV	Rostov na Donu	RUS	**IRL**	**fo**	18:57
450	WU	Sosnovka	RUS	**IRL**	**fo**	19:01
475	ZG	Petrovskoye	RUS	**IRL**	**fo**	19:22
478	MF	Larionovo	RUS	**IRL**	**fo**	19:25
490	FI	Golitsyno	RUS	**IRL**	**fo**	19:54
521	PO	Pretoriya	RUS	**IRL**	**fo**	20:22
523	BK	Lunino	RUS	**IRL**	**fo**	20:28
485	CW	Krasnaya Gorbatka	RUS	**IRL**	**fo**	20:59

438	PE	Poprad Tatry East	SVK	**IRL**	**fo**	23:34
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:	CLE111	DX (>2,000 km)	21 - 24 Nov 2008
NOW:	CLE135	DX (>2,000 km)	24 - 27 Sep 2010

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		4585		14		3		8723
ENG hh		2881		107		37		6714
ENG px		3237		19		6		4479
HOL pl		4508		14		3		7128
IRL fo		3161		136		43		6536
SWE cw		2387		2		1		2387
Averages:		3460		49		16		5995

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 ze	3601	2822	68	42	19	15	8859	5075

DEU hw	3402	3424	350	233	103	68	9058	7522
DEU je	4166	3696	137	126	33	34	7739	7479
DEU mz	3827	2774	96	50	25	18	7762	4893
ENG ag	4273	3823	124	27	29	7	8198	4667
ENG bk	2990	2854	212	168	71	59	6761	6761
ENG ds	3332	3135	160	50	48	16	6769	6764
ENG me	3796	3233	68	74	18	23	6750	6750
ENG py	3568	3373	303	229	85	68	8991	8556
FIN jt	3296	4001	119	92	36	23	8231	9780
FRA jj	3134	3116	110	84	35	27	6965	4922
HOL rb	3863	3606	382	242	99	67	8745	7333
Averages:	3604	3321	178	118	50	35	7902	6709
% Increase:		-8		-33		-29		-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
NB: 'HOME' loggings and 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 targets 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 DX 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.

CLE135e5.xls
bk 29 Sept. 2010