NDB LIST CLE No. 98 **350 - 369.9 kHz** **26 - 29 Oct. 2007, midday-midday local time**

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

BEL	**pr**	Patrick Reynaert, Leuven
CZE	**fr**	Frantisek Müller, Praha
CZE	**kh**	Karel Honzik, Plzen
CZE	**vd**	Vaclav Dosoudil, Kvasice
CZE	**ze**	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	**hw**	Hartmut Wolff, Near Wolfsburg
DEU	**mo**	Michael Oexner, Roschbach
DEU	**mz**	Matthias Zwoch, Arnsdorf, Nr.Dresden
ENG	**ag**	Alan Gale, Whitworth, Lancashire
ENG	**bk**	Brian Keyte, Bookham, Surrey
ENG	**ds**	David Atkins, Abbots Langley
ENG	**mt**	Mike Trodd, Yapton, Nr Arundel, W Sussex
ENG	**py**	Peter Conway, Hastings
FIN	**jt**	Jarno Fält, Tampere
FIN	**ks**	Kari Syrjänen, Aitomaki, Near Kouvola
FRA	**dq**	Dominique Kremp, Coutances, Normandy
FRA	**jj**	Jean Jacquemin, Bethune, Merville, Nr Lille
FRA	**pp**	Patrice Privat, Noailles, N.of Paris
FRA	**vl**	Vincent Lecler, Near Poitiers
HOL	**ft**	Frank Thijs, Hoeven
HOL	**rb**	Roelof Bakker, Zealand, SW Netherlands
NOR	**tb**	Tjaerand S Bauge, Karmøy Isl., SW Norway
RUS	**vn**	Vladimir Nikitin, St. Petersburg
SAR	**gc**	Giorgio Casu, San Gavino Monreale
SWE	**bn**	Bo Nensen, Hanabäckliden, Örnsköldsvik
SWE	**ca**	Christian Arvidsson, Storuman
SWE	**tn**	Torbjorn Ericson, Nykoping
SWE	**wr**	Willi Reppel, Falkenberg

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 (cle(at)beaconworld.org.uk)

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. 21 indicates logged between 21:00-21:59).

Cou	kHz	Call	Location	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr
ALG	353	BNA	Beni Amrane	20					18	21	1			2		20				22		17		19			18				
ALG	356.5	OU	Ouargla	21		23		20	18	21	21		18			20						21		18			22			23	
ASC	360	ASN	Ascension Is.						0							22						21			23						
ATG	369	ZDX	Saint Johns						5				6			4				6		5	0	6	5						
AUT	356	SU	Salzburg		16	23	21	19	18	16	21					21											23			23	22
AUT	358	TUN	Tulln for Schwechat		13	22	22	18	22	16	16					19	20	17		22				18	20		23			2	22
AZR	351	PD	Ponta Delgada													20						6									
AZR	360	HT	Horta						4				6		22	20						21		5	6						
BAL	351	CST	Costix Majorca			22			18	21						21			2	4		5		18			16				21
BEL	352.5	DD	Oostende	23	19			19	15	16		20	11	15	11	15	20		12	17	19	21	23	10	18						21
BEL	360.5	MAK	Mackel for Brussels	5	18		22	17	13	19	22	22	11	16	12	16	20	21	13	18	20	21	23	10	17		23			1	17
BEL	365.5	BC	Brasschaat						16				11		17	16			15	17			0	11							
BIH	355	MA	Mostar		16	23	21	18	23							0								18			22				
BIH	357.5	KG	Sarajevo		21		4			19	21				19	21															
BLR	355	KN	Ivenets		17												20	17										22		23	20
BRA	350	STM	Santarem						2																						
BUL	350	DWN	Devnya for Varna		19	22	22	18	17		16					21	20	16						18			22			1	19
BUL	350	SOF	Sofia					0																							
BUL	356	BGS	Burgas	21	21	22		18	18	16	16					23		16						19	17		22			23	23
CAN	350	DF	Deer Lake, NL	5					23	5		20	0		2	5			2	4		21		21							
CAN	356	AY	St. Anthony, NL						2				2		4	23			3	4		21	2	5	6						
CAN	358	NL	St. Johns Signal Hill, N													0															
CAN	360	PN	Port Menier Anticosti I.										1						3			6									
CAN	364	2B	Springdale, NL						4													6		23							
CNR	365	VR	Gran Canaria						23				1		2	22			2			5									
COR	365	RB	Ajaccio Campo del Or																								11				
COR	369	BP	Bastia Poretta																								11				
CZE	356	PR	Praha North		13	23	21	18	13	16	21																				
CZE	362	L	Namest nad Oslavou																												17
CZE	362	X	Nemest nad Oslavou		13				16																						
CZE	365	L	Karlovy Vary		13	23	16	18	13	16	18					19															
CZE	368	BNO	Brno Turany		13		22	20	16	16	23																				19

DEU	350	SPM	Speyer						17																							
DEU	350.5	FU	Hamburg West		16			21	13	18	23		18	15	19	19				0				18	17						23	16
DEU	352	LAA	Niederrhein						13			20				19				5			8	10								
DEU	353	KIL	Kiel Holtenau	20	16		21	18	13	16	21	20	11	23	17	19	18	23	2	18			3	10	16			16		23	10
DEU	354	PAD	Paderborn Lippstadt	20	21			19	13	16	21	2	17	22		19				3	19		23	10	18					1	16
DEU	355	DRW	Cottbus Drewitz						15		16																				
DEU	355	KNG	Bad Konig for Frankfur	5		22		23	13	12	16	21	21			23	18		4	5				10	20					23	16
DEU	357	DWI	Dortmund Wickede						13					22										10							23
DEU	357	MA	Leipzig					17																							
DEU	357	NRG	Neubrandenburg					19	13		21		0				18								18					23	10
DEU	357	SKZ	Leipzip Halle					19	13	16	16														20						
DEU	358	HW	Hannover West		13	21		17	13	13	16		17			19							8	10	15					23	17
DEU	358	MSE	Munchen	21	13	21	4	18	19	12	21					19								19			18				23
DEU	360	SR	Saarbrucken	21				23	15	12			22		21	23				23				10	20					23	23
DEU	362	SLN	Berlin Schonefeld		16			20	13	16	16					20								20	15					1	17
DEU	365	LJ	Koln Bonn	5				18	13	13	16	22	11	16	18	16				18	20		0	11	17					0	18
DEU	367	MU	Magdeburg	6	16				13	17	16													11	15						23
DEU	368	BYC	Buckeburg		16	21		20	13	16	16		18	22	19	16	19		20	17			4	11	16					0	18
DEU	369	MNE	Munchen		16			17	16	12	23					18								20	20		21				
DNK	351	KP	Karup						15				17		17									10	16						
DNK	357	KD	Kolding Vamdrup	21				18	13		22		11			19		20						10	16					23	16
DNK	368	RK	Copenhagen Roskilde		18			17	13	18	23		16			18								11	15					0	10
DNK	369	KA	Karup						16		23		17											22	15					0	10
ENG	352	NT	Newcastle	20				2	17			20	11	22	17	15				21				10	13					1	16
ENG	352	WOD	Woodley	20					18			20	11	15	11	12			11	17			23	10							
ENG	353.5	EME	East Midlands	20					17			20	11	15	11	15			2	18			23	10	18			23			21
ENG	356	WBA	Wolverhampton	20					18			21	11	16	11	15				22			23	10	18						22
ENG	356.5	SM	St. Mawgan						5				11	2	19	16						21		18	18						
ENG	362.5	SND	Southend on Sea						23				11		12	16			19	18			0	10							0
ENG	363.5	CT	Coventry						19			22	11	16	15	16				14			8	11							
ENG	365	KIM	Humberside						23				11	16	20	16			23	18			13	11						0	22
ENG	367.5	OX	Oxford Kidlington					1	16				11	16	13	16			23	17		17	0	11	17					0	
ENG	368.5	WHI	Whitegate for Hawarde						20				11	16	15	18			23	5			4	11	18						
ENG	369	RCH	Rochester										11	17	13	18			13	17				11							
ESP	350	GM	Malaga						20																						
ESP	350	L	Albacete										0			21															
ESP	354	PP	Pamplona										22																		
ESP	356	SGO	Sagunto		19		22	21	18	17	22	21	18		17	22			3		19		23	19							
ESP	357	BGS	Burgos				22																								
ESP	359	AL	Salamanca													22			4												
ESP	362	CTE	Castejon	23					19	5			19	0	18	19			19	18		17		19	3		19				0
ESP	365	VGD	Vitigudino						23				18	1	18	18			19	4	20	21		22			21				18
ESP	366	COR	Cordoba													22			19												

ESP	367	SBD	Sabadell						0				2			22											11					
EST	350	WA	Kuressaare		16			15	5		16						15	16										12				
EST	357	I	Tallinn Ülemiste						18								18	11							4			16		2	22
EST	363	MA	Kuressaare, Saaremaa														15											13			
EST	366	U	Tartu						16									11							17			15			
FIN	350	LAA	Oulu Laanila	19	17		21	20	17	4	21		17	22	17	23	13	16		21			21	18	17	19		12	19	23	20
FIN	351	SAV	Savonlinna		19		21	22	22	17			1			22	16	11						22		19		16		23	
FIN	352	PSJ	Seinajoki		19		21	19	17		21		18				13	11						19	17	19		12		23	16
FIN	354	G	Ivalo														18	20													
FIN	355	J	Varkaus Joroinen		17			19	18				17					11						19		19		14		23	16
FIN	357	R	Rovaniemi														16	17												23	
FIN	357	SEP	Vaasa Seppi	21	17		22	19	18				17	2	2	21	16	16		22				19	18	20		13	22	23	16
FIN	360	U	Utti		20			23	19				17			23	13	11						19	17	19		14		23	23
FIN	361	LIE	Turku Lieto	23	16		22	17	15	18	22		16	2	18	19	13	11	20	1	20		23	20	15	19		13	22	0	17
FIN	361	RO	Kauhava		20		3	17	19		22		22				15	11	20					20	18	19		13		0	0
FIN	364	B	Kittila														20	17													
FIN	365	VS	Tampere Vesilahti		20		22		19	20	23		17		18	19	13	11	19	4			0	20	15	19		13	22	0	18
FIN	368	SK	Sodankyla					22	23								16	16										13		0	
FRA	350	MUT	Muret						20				0		19	19				4		7					22				
FRA	351	DSA	Dieppe St Aubin	6									11		11	15			11	16		6	8	10							
FRA	351	OSA	Ouessant										10		12																
FRA	351	PL	Perpignan																								11				
FRA	353	BN	Basle Mulhouse						18	13																					
FRA	353	SB	St.Brieuc Armor	20					18		21	20	11	15	11	15			2	17	19	6		10	18						21
FRA	354	CGC	Cognac	20					18				11	17	11	15			11	22		6		10	5		18	23		1	
FRA	354	MTZ	Metz Nancy	20				23	20	12			11		11	15				3				10							
FRA	354	NG	Nimes Garons												16												11				
FRA	356	CVU	Castres										22									6									
FRA	356	RSY	Paris CdG	6					18	4		21	11		12	15			6	18		7		10							
FRA	357	LP	Cholet Le Pontreau										11	16	12	16				7		6		19							
FRA	358	BRS	Biscarrosse Parentis																			6									
FRA	358	LT	Le Touquet										11	16	12	21			12	4				10							
FRA	358	RNN	Roanne Renaison																			7									
FRA	359	LOR	Lorient	21						5		22	11	16	12	16			12	18	20	6	23	10	5		22	23			
FRA	359.5	CDN	Chateaudun		20		22	18	18	16	22		11	16	12	16	20	22	11	18		6		10	18		22			0	23
FRA	361	NB	Bordeaux Merignac						5				0		17	21			2	6		7									
FRA	363	PI	Poitiers Biard	5					19				11	16	13	16			13	18	20	7		10	5		21				
FRA	363.5	LXI	Luxeuil St Sauveur		18			22	16	16					0	16			11			6		19			21				
FRA	364	PU	Pau Pyrenees						23				2	1	17	21			4	5		7		20			21				
FRA	364	RSO	Paris CdG					21	19				11		13	16			13	18			0								
FRA	366	ADC	Aerodrome Du Castelle																								23				
FRA	367	CF	Clermont Ferrand											1					23			7									
FRA	367	VAT	Chalons Vatry						0	12			11		13	16			13	17		7		11							

FRA	368	TLB	Toulouse Blagnac																	17		7					11					
FRA	369	CM	Avignon Caumont						5																							
FRA	369	GL	Nantes										11		19	18			4	17		7										
GEO	353	BT	Ali						2									19														
GRC	367	AML	Andravida Amalias						23																							
GSY	361	GUY	Guernsey					23	19			22	11	16	12	16			13	18		6	23	10	23		23					22
HNG	354	GYR	Gyor		16	22	4	3	17	16	21			23		23		17						19	18					23	21
HNG	357	L	Budapest Ferihegy		16	22			18		22							17						18	20					23	16
HOL	350.5	ROT	Rotterdam	23				20	17			20	11	15	11	12			10	16	19		23	10							0
HOL	357	VZ	Eelde Groningen						18			21	11			16							23	10							
HOL	369	PS	Rotterdam Locator	6	20				17	5			11	16	19	18			13	17	20		0	11							
HRV	350	SK	Zagreb Kraljevec	19	19	22	4	16	17	21			18			23				16		21	21	18	17		22			23	20
HRV	351.5	PLA	Pula		17	22	4	19	22	17	21	2				21															
HRV	367	ZAG	Zagreb		16	22	22	17	16	16	16		18	1	21	18		19	3	18			0	20			21			0	1
HRV	369	VRS	Vrsar		20	22	22	17	16	20	23	23	19	1	21	18				17				21	20		21				1
IOM	359	RWY	Ronaldsway						5			22	11			16								19							
IOM	366.5	CAR	Carnane						19				11		21	20			22	5				11	17			23			18
IRL	352	ENS	Ennis									20																			
IRL	361	CFN	Carrickfinn Donegal						19				6																		21
IRL	362	OB	Cork						4																						
IRL	364	KNK	Connaught Knock						19			22	0			19			23			21		20	6						22
IRL	368	WTD	Waterford						20	5			11		21	19				3				21	6						23
IRN	355	ARB	Ardabil		19			20	18	21						23	18	16						19	18			16		23	
ISL	355	RK	Reykjavik Sudurnes																						6						
ISL	360	SL	Svinafell Hornafjördhu										17	0	22	23			22	23			23	20	6						
ISL	365	ES	Egilsstadir																					22							
ISL	366	HK	Holmavik																						6						
ITA	350	BLA	Biella Cerrione					1	17	17	19					18				5				18			17				21
ITA	351	POM	Napoli Pomigliano						19							23								18			16				
ITA	354	FE	Roma Fiumicino						18	17	1					22								19			18				22
ITA	355	VIL	Verona Villafranca		19	22		2	18	19	21					21							23	19			18				
ITA	357	CAS	Torino Caselle	21	20				18	18	19		23			22								18			22				23
ITA	357.5	FAL	Ancona Falconara		17	23	22	18	18	16	21		19			20			3	22				20	18		18			23	22
ITA	362	BZO	Bolzano	23	16	22	22	18	15	16	22		19		20	19				18		17	0	19	21		19				17
ITA	363.5	BRD	Brindisi Casale		16	23	22	18	16		22		19	1	2	18		20	3					20			21			0	1
ITA	364	MAL	Milano Malpensa		16	21	4	20	19	17	23		0		21	18						21		20			20				18
ITA	367.5	PNZ	Ponza		16	23	22	19	16	16	23		19		21	18				17				21			21				
JMY	362	JAN	Jan Mayen																					20							
LBY	360	LOR	Dahra Warehouse 32																								21			23	
LBY	363	ZEL	Zelten																								21				
LBY	365	G	Tripoli						2																		21				
LBY	365	XS	Beda No.1																								23				
LUX	368.5	ELU	Luxembourg	6	16	23	22	17	16	12	22	23	11		13	18	19		3	17	20	17	0	11	20		21			0	2

MRC	355	ARW	Brahimat Nador						22				1	23	19	20				3		5		19			22					
NOR	350	TIL	Bardufoss Malselv															20														
NOR	352	RBU	Roros Rambu		17			1	17		21		17				16	17		21				18	16			12		23	16
NOR	352	TRF	Tyrifjord						15															19	6						16
NOR	353	MH	Mehamn														16															
NOR	355	KT	Narvik Katvik																									15				
NOR	358	ALA	Alta														16	17										14				
NOR	358	GRK	Trondheim Grakallen	21	20		22	19	18	21	22		17	2	21	21	3	16		22				19	18			13		23	17
NOR	360	ASK	Bergen Askoy		17			22	19		23		17	0	18					4				20	18					23	17
NOR	360	ULV	Bronnoysund Ulvinger	23				23	19				19	0	21	20	16	20	22	18				20				14	19	23	23
NOR	362	BVK	Orsta Volda Batvik					0	5		22		17	2	18	19			20	18				20	6			22		2	0
NOR	362	KV	Tromso Kvalsund															17										15				
NOR	365	ODD	Harstad Odden						23				0				16	20						22				15				
NOR	366	UTH	Orland Uthaug		20				19	18	23		17	1	18		18	16	19	18	20			20	16			13		0	1
NOR	368	FN	Skien Finndal		20			17	16		23		16	1	18	16	19	17	19	17				22	13			22		0	10
NOR	368	GR	Mo i Rana Gruben						23									17										14		0	
NOR	369	STG	Sandane Stegen					21	17				18					17							16					0	1
POL	353	KRW	Krakow Balice	20	13	22	4	16	15	17	21					22		20						20	17					1	21
POR	358	BRG	Braganca												1	22				0	20	5									
POR	359	CA	Cascais										2		18	22			23	1		6									
POR	367	PG	Porto										1		20	23			19			6									
ROU	360	O	Oradea		16		4	17	17		19						20								18						
ROU	365	SAT	Satu Mare		16	22	22	21	16	19	16					0		16						22	17		21				18
RSE	350	XV	Novy Vasyugan						17																						
RUS	350	A	Belgorod						20									20													
RUS	350	NZ	Nyazepetrovsk						17									19													
RUS	350	UK	Yukhnov						20									19													
RUS	358	O	Stavropol		16																										
RUS	360	BD	Bogdanova						18		19					0	16	16						19	17			23		23	17
RUS	360	TS	Zadonsk															20													
RUS	365	AD	Sochi		16	22			16	19	16					20		15						22	17						18
RUS	365	HC	Makhachkala															20													
SAR	357	SME	Olbia Costa Smeralda						18	21	1					20								20			18			1	23
SCT	355	PIK	Prestwick						18	5		21	12	2	17	5			3	18		21	23	19	13						22
SCT	368	UW	Edinburgh						20			22	17			18				17				21	13						0
SCY	355.5	PAL	Palermo								21					23															
SHE	351	SBH	Sumburgh Head						5				23											18	13			23			
SRB	355	OBR	Beograd Obrenovac			22		19	20							23		20									22			23	
SUI	356.5	SHU	Schupberg for Bern		17		4	22	18	12	19		18		19	23	21			0		21	4	19			18				16
SVN	355	MI	Maribor		17	23	21	18	18	16						0														23	
SWE	351	NS	Malmo Sturup		17			18	13	17	21	20		22		19	18			21				18	16					23	10
SWE	351	OV	Visby Salthamn	19	17		21	16	15	17	21	18	16	22	17	19	18	16	20	16	19	21	23	18	18	19		12	22	23	16
SWE	352	CG	Stockholm Arlanda		19			17	17		21						18	17										22		23	16

SWE	358	AS	Arvidsjaur														16	17										14				
SWE	359	LK	Lidkoping Ekgarden	22	16		22	18	15	17	22	21	16	17	20	21	18	16	22	22			23	20	14	20		15		23	10
SWE	359	VA	Vastervik																20												
SWE	360	DL	Stockholm Arlanda		17												18	20										16		0	23
SWE	360	OP	Kiruna																									14			
SWE	360	OS	Goteborg Save	22	16			18	13	18	22	22	16	18	18	16			23					20	13			15			10
SWE	362	NN	Eskilstuna Kjula		16		3	18	15	18	22		17		18	23	18	15		1			4	20	15	19		14		0	17
SWE	363	OEM	Kristianstad Everod		16		22	18	13	17	22	22	16	1	21	16	16	17	3	18	20		0	20	15	19		16		0	10
SWE	364	NW	Stockholm Skavsta		20		4	20	16		1		17				18	17						21	17			17		0	18
SWE	364	VNA	Vanja Umea						23								15	16						22				13		0	
SWE	365	WS	Soderhamn					21	19		23			2			20	17						22				15		0	18
SWE	366	KM	Kalmar		20		4	20	16	17	23		17		21	16	3	20		18				20	20			15		0	18
SWE	366	SF	Falkoping		16		22	18	16	18	23	22	16	1	18	19	18	17	19	18			0	20	14			15		0	10
SWE	366	UP	Uppsala						23									17										15		0	
SWE	368	JKK	Jokkmokk																									17			
SWE	368	OY	Sveg					20	16				17		19	18	16	17	20					22	15			13		0	1
SWE	369	NL	Goteborg Landvetter		20			20	16									17							18					0	10
SWE	369	OO	Ornskoldsvik		20				20		23						15	16							18			13		0	
SWE	369	OS	Skelleftea					21									15	16										14		0	
SYR	363	HAS	Hassakeh															19													
TUR	352	BRY	Yenisehir						22																						
TUR	363	CIG	Izmir Cigli		21	21			23	19	22					18		19							20		21				0
UKR	360	KI	Kiev Zhulyany		16	22	22	17	16	19	16		17		20	19	16	16	22					20	16			23		23	17
UKR	362	RU	Sevastopol - Belbek		16				16									16							17			16			
UZB	355	MZ	Samarkand															16													
XOE	353	OBA	Oseberg A		19			16	22									23						19	14					23	21
XOE	358	MB	Camelot Mobil	5				19	18			21	11	16	12	16			12	22			23	10						23	17
XOE	369	RFB	Rough Br.Gas						21				11											11							
XUE	352	NY	(UNID)															19													
XUE	357	MTG	(UNID)																								11				
XUE	357	TST	(UNID)																						18						
XUE	358	OR	(UNID)																								23			23	
XUE	358	TE	(UNID)															21													
XUE	360	LA	(UNID)		17		16		19		22					23				23										23	
XUE	362	DNQ	(UNID)															19													
XUE	362	OHD	(UNID)																								21				
XUE	364	KK	(UNID)																							19					
XUE	365	K	(UNID)															17													
XUE	367	T	(UNID)																							19					
XUE	368	T	(UNID)																							19					

Cou	kHz	Call	Location	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr

COUNTRIES HEARD:

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

Cou	Country	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr
ALG	Algeria	2		1		1	2	2	2		1	1		2				1		2		2			2			1	
ASC	Ascension Is.						1							1						1			1						
ATG	Antigua and Barbuda						1				1			1				1		1	1	1	1						
AUT	Austria		2	2	2	2	2	2	2					2	1	1		1				1	1		2			2	2
AZR	Azores						1				1		1	2						2		1	1						
BAL	Balearic Is.			1			1	1						1			1	1		1		1			1				1
BEL	Belgium	2	2		1	2	3	2	1	2	3	2	3	3	2	1	3	3	2	2	3	3	2		1			1	2
BIH	Bosnia-Hercegovina		2	1	2	1	1	1	1				1	2								1			1				
BLR	Belarus		1												1	1										1		1	1
BRA	Brazil						1																						
BUL	Bulgaria	1	2	2	1	3	2	1	2					2	1	2						2	1		2			2	2
NF	Canada, NF	1					3	1		1	2		2	3			2	2		3	1	3	1						
QC	Canada, QC										1						1			1									
CNR	Canary Is.						1				1		1	1			1			1									
COR	Corsica																								2				
CZE	Czech Rep.		4	2	3	3	4	3	3					1															2
DEU	Germany	7	9	4	2	14	18	13	14	5	9	6	5	12	4	1	3	8	2		6	14	13		2	1		10	13
DNK	Denmark	1	1			2	4	1	3		4		1	2		1						4	4					3	3
ENG	England	4				2	10			5	11	10	11	11			7	10		2	8	11	6			1		3	5
ESP	Spain	1	1		2	1	5	2	1	1	6	2	3	7			5	2	2	2	1	3	1		3				2
EST	Estonia		1			1	3		1						3	3							2			4		1	1
FIN	Finland	3	9		7	9	10	4	5		9	3	4	6	12	13	3	4	1		3	9	7	9		10	4	11	8
FRA	France	7	2		1	4	14	7	2	3	18	9	19	17	1	1	15	17	3	19	3	13	5		11	2		2	2
GEO	Georgia						1									1													
GRC	Greece						1																						
GSY	Guernsey					1	1			1	1	1	1	1			1	1		1	1	1	1		1				1
HNG	Hungary		2	2	1	1	2	1	2			1		1		2						2	2					2	2
HOL	Netherlands	2	1			1	3	1		2	3	2	2	3			2	2	2		3	3							1
HRV	Croatia	1	4	4	4	4	4	4	3	2	3	2	2	4		1	1	3		1	2	3	2		3			2	3
IOM	Isle of Man						2			1	2		1	2			1	1				2	1			1			1
IRL	Ireland						4	1		2	3		1	2			1	1		1		2	2						3
IRN	Iran		1			1	1	1						1	1	1						1	1			1		1	
ISL	Iceland										1	1	1	1			1	1			1	2	3						
ITA	Italy	2	7	6	5	7	10	8	9		6	1	4	10		1	2	4		2	2	10	2		10			2	7

JMY	Jan Mayen																						1							
LBY	Libya						1																			4			1	
LUX	Luxembourg	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	1	1	1	1		1			1	1
MRC	Morocco						1				1	1	1	1				1			1		1			1				
NOR	Norway	2	5		1	7	11	2	6		9	6	6	4	8	11	4	7	1				9	8			11	1	9	9
POL	Poland	1	1	1	1	1	1	1	1					1		1							1	1					1	1
POR	Portugal										2		3	3			2	2	1	3										
ROU	Romania		2	1	2	2	2	1	2					1	1	1							1	2		1				1
RSE	Russia (East)						1																							
RUS	Russia (Eu)		2	1			5	1	2					2	1	7							2	2			1		1	2
SAR	Sardinia						1	1	1					1									1			1			1	1
SCT	Scotland						2	1		2	2	1	1	2			1	2		1	1	2	2							2
SCY	Sicily								1					1																
SHE	Shetland Is.						1				1												1	1			1			
SRB	Serbia			1		1	1							1		1										1			1	
SUI	Switzerland		1		1	1	1	1	1		1		1	1	1			1		1	1	1				1				1
SVN	Slovenia		1	1	1	1	1	1						1															1	
SWE	Sweden	3	13		7	14	16	8	12	6	9	7	8	9	16	17	7	7	2	1	5	12	12	4			19	1	17	14
SYR	Syria															1														
TUR	Turkey		1	1			2	1	1					1		1							1			1				1
UKR	Ukraine		2	1	1	1	2	1	1		1		1	1	1	2	1					1	2				2		1	1
UZB	Uzbekistan															1														
XOE	Offshore - Europe	1	1			2	3			1	2	1	1	1		1	1	1			1	3	1						2	2
XUE	(UNID)		1		1		1		1					1		4		1					1	3	3				2	
Cou	Country	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr

LISTENING TIMES:

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

UTC (hh)	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr
00:00 - 00:59					2	3				8	4	1	5				3			13							31	7
01:00 - 01:59					3			4		5	10	1					3										8	6
02:00 - 02:59					2	4			2	4	8	4				7				1							3	1
03:00 - 03:59				2	1									2		9	4			1		1						
04:00 - 04:59				11		3	2					1	1			4	8			4		1						
05:00 - 05:59	6					8	6						2				6		5		2	4						
06:00 - 06:59	5									3						1	2		15		1	9						
07:00 - 07:59																	1		10									
08:00 - 08:59																				4								
09:00 - 09:59																												

UTC (hh)	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr
10:00 - 10:59										1						1					29							11
11:00 - 11:59										40		9			9	5					15			7				
12:00 - 12:59							8			1		10	2			4									5			
13:00 - 13:59		8				21	3					6		5		7				1		6			11			
14:00 - 14:59																	1					3			9			
15:00 - 15:59					1	11					6	2	9	6	2	1						10			10			
16:00 - 16:59		29		2	4	23	20	16		8	15	1	24	14	19		4					9		2	7			14
17:00 - 17:59		14			14	17	13			21	3	10			22		16		5			17		1	2			12
18:00 - 18:59		3			21	30	8	1	1	10	1	13	17	15			22				17	21		8				11
19:00 - 19:59	3	10			13	19	7	5		7		10	21	3	8	9		6			24		14	2		2		2
20:00 - 20:59	11	14			12	10	2		11			5	11	9	13	7		11			26	10	2	1				3
21:00 - 21:59	9	4	5	9	7	1	7	21	8	1		11	13	1	2		4		15	2	6	1		16				9
22:00 - 22:59	2		18	23	5	6		18	11	4	7	2	12		1	5	9				11			11	4	4		10
23:00 - 23:59	6		10		6	14		16	2	2	3		17		2	7	3			18	1	2		7	7		40	12

NDBs HEARD, BY FREQUENCY:

The number of NDBs logged by each reporter on each frequency
and the number logged by all on each frequency, ignoring offsets:

NDBs	kHz	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr
17	350	3	4	2	3	6	14	4	4	1	5	1	3	7	3	7	1	5		3	2	5	2	1	4	2	1	3	4
2	350.5	1	1			2	2	1	1	1	2	2	2	2			1	2	1		1	2	1					1	2
11	351	2	3	1	2	3	7	4	2	2	6	2	4	7	3	2	3	4	1	4	2	8	4	2	3	3	1	3	3
1	351.5		1	1	1	1	1	1	1	1				1															
10	352	2	3		1	4	8		3	4	4	2	2	3	3	4	1	4			2	6	4	1		3		4	5
1	352.5	1	1			1	1	1		1	1	1	1	1	1		1	1	1	1	1	1	1						1
8	353	4	3	1	2	3	7	4	4	2	2	3	2	4	2	4	2	3	1	2	1	5	4		1	1		3	4
1	353.5	1					1			1	1	1	1	1			1	1			1	1	1			1			1
8	354	3	2	1	1	3	5	4	3	1	4	3	3	5	1	2	1	3	1	1	1	5	3		3	1		3	3
14	355	1	6	5	2	7	10	5	3	2	4	2	2	8	3	5	2	3		2	2	7	4	1	4	4		6	4
1	355.5								1					1															
8	356	3	4	3	3	4	7	5	4	3	5	1	4	6		1	3	3	1	3	3	5	3		2			2	3
3	356.5	1	1	1	1	2	3	2	2		3	1	2	3	1			1		3	1	3	1		2			1	1
16	357	3	3	1	2	5	10	3	6	1	6	3	2	6	4	5		2		1	1	8	7	1	3	2	1	7	8
2	357.5		2	1	2	1	1	2	2		1		1	2			1	1				1	1		1			1	1
15	358	3	5	3	3	5	5	4	4	1	4	3	4	8	4	5	2	5	1	3	2	6	3		3	3		5	5
6	359	2	1		1	1	2	2	1	3	4	2	3	5	1	1	5	3	1	2	2	3	2	1	1	2		1	1
1	359.5		1		1	1	1	1	1		1	1	1	1	1	1	1	1		1		1	1		1			1	1
17	360	3	7	1	3	7	11	3	6	1	9	4	7	10	6	6	5	5		3	1	9	10	1	1	7	1	9	8
1	360.5	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1			1	1

5	361	1	2		2	3	5	1	2	1	5	2	3	3	2	2	4	3	1	2	2	3	3	2	1	2	1	2	4
13	362	2	5	1	2	4	8	4	4		4	2	4	5	1	4	2	4		2	2	6	6	1	3	4		3	6
1	362.5						1				1		1	1			1	1			1	1							1
6	363	1	2	1	1	1	3	2	2	1	2	2	2	3	2	3	2	2	2	1	1	2	3	1	3	2		1	2
3	363.5		2	1	1	2	3	1	1	1	2	2	3	3		1	2	1		1	1	3			2			1	1
9	364		2	1	2	3	7	1	2	1	5	1	3	4	3	3	3	2		4	1	6	2	1	2	2		2	3
16	365	1	4	3	3	4	11	5	6	1	6	4	5	8	3	7	4	4	2	2	3	9	4	1	5	3	1	4	7
1	365.5						1				1		1	1			1	1			1	1							
8	366		3		2	2	5	3	3	1	3	2	3	3	3	5	3	3	1		1	3	5		1	5		4	3
1	366.5						1				1		1	1			1	1				1	1			1			1
8	367	1	2	1	1	1	5	3	2		4	2	3	4		1	4	2		3	1	3	1	1	2			1	2
2	367.5		1	1	1	2	2	1	1		2	1	2	2			1	2		1	1	2	1		1			1	
12	368		4	1	1	6	9	4	4	1	6	2	4	6	4	4	3	5		1	1	6	6	1	1	5		6	7
2	368.5	1	1	1	1	1	2	1	1	1	2	1	2	2	1		2	2	1	1	2	2	2		1			1	1
14	369	1	5	1	1	5	10	3	4	1	8	3	4	6	2	4	3	5	1	2	2	7	7		3	2		5	4
NDBs	**kHz**	BEL pr	CZE fr	CZE kh	CZE vd	CZE ze	DEU hw	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG mt	ENG py	FIN jt	FIN ks	FRA dq	FRA jj	FRA pp	FRA vl	HOL ft	HOL rb	NOR tb	RUS vn	SAR gc	SWE bn	SWE ca	SWE tn	SWE wr

MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

kHz	C/S	Location	Cou	**Reporter**		UTC
358	O	Stavropol	RUS	**CZE**	**fr**	16:28
357	BGS	Burgos	ESP	**CZE**	**vd**	22:02
350	SOF	Sofia	BUL	**CZE**	**ze**	00:38
357	MA	Leipzig	DEU	**CZE**	**ze**	17:04
350	STM	Santarem	BRA	**DEU**	**hw**	02:20
350	SPM	Speyer	DEU	**DEU**	**hw**	17:45
350	GM	Malaga	ESP	**DEU**	**hw**	20:15
369	CM	Avignon Caumont	FRA	**DEU**	**hw**	05:16
367	AML	Andravida Amalias	GRC	**DEU**	**hw**	23:26
362	OB	Cork	IRL	**DEU**	**hw**	04:54
350	XV	Novy Vasyugan	RSE	**DEU**	**hw**	17:32
352	BRY	Yenisehir	TUR	**DEU**	**hw**	22:14
352	ENS	Ennis	IRL	**ENG**	**ag**	20:51
354	PP	Pamplona	ESP	**ENG**	**bk**	22:40
358	NL	St. Johns Signal Hill,	CAN	**ENG**	**py**	00:51
353	MH	Mehamn	NOR	**FIN**	**jt**	16:38
350	TIL	Bardufoss Malselv	NOR	**FIN**	**ks**	20:18
365	HC	Makhachkala	RUS	**FIN**	**ks**	20:04
360	TS	Zadonsk	RUS	**FIN**	**ks**	20:06

kHz	C/S	Location	Cou	Reporter		UTC
363	HAS	Hassakeh	SYR	**FIN**	**ks**	19:10
355	MZ	Samarkand	UZB	**FIN**	**ks**	16:37
365	K	(UNID)	XUE	**FIN**	**ks**	17:20
362	DNQ	(UNID)	XUE	**FIN**	**ks**	19:28
352	NY	(UNID)	XUE	**FIN**	**ks**	19:49
358	TE	(UNID)	XUE	**FIN**	**ks**	21:10
359	VA	Vastervik	SW	**FRA**	**dq**	20:40
358	BRS	Biscarrosse Parentis	FRA	**FRA**	**vl**	06:27
358	RNN	Roanne Renaison	FRA	**FRA**	**vl**	07:46
365	ES	Egilsstadir	ISL	**HOL**	**rb**	22:12
362	JAN	Jan Mayen	JMY	**HOL**	**rb**	20:29
366	HK	Holmavik	ISL	**NOR**	**tb**	06:29
355	RK	Reykjavik Sudurnes	ISL	**NOR**	**tb**	06:34
357	TST	(UNID)	XUE	**NOR**	**tb**	18:17
364	KK	(UNID)	XUE	**RUS**	**vn**	19:42
368	T	(UNID)	XUE	**RUS**	**vn**	19:43
367	T	(UNID)	XUE	**RUS**	**vn**	19:58
365	RB	Ajaccio Campo del	COR	**SAR**	**gc**	11:30
369	BP	Bastia Poretta	COR	**SAR**	**gc**	11:31
351	PL	Perpignan	FRA	**SAR**	**gc**	11:42
366	ADC	Aerodrome Du	FRA	**SAR**	**gc**	23:57
363	ZEL	Zelten	LBY	**SAR**	**gc**	21:47
365	XS	Beda No.1	LBY	**SAR**	**gc**	23:56
357	MTG	(UNID)	XUE	**SAR**	**gc**	11:50
362	OHD	(UNID)	XUE	**SAR**	**gc**	21:52
355	KT	Narvik Katvik	NOR	**SWE**	**bn**	15:30
360	OP	Kiruna	SW	**SWE**	**bn**	14:25
368	JKK	Jokkmokk	SW	**SWE**	**bn**	17:07
362	L	Namest nad Oslavou	CZE	**SWE**	**wr**	17:09

TAB's 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:	CLE82	350 - 369.9 kHz	25 - 28 Aug. 2006
NOW:	CLE98	350 - 369.9 kHz	26 - 29 Oct. 2007

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 fr	599	911	18	74	30	81	1624	2974
CZE kh	461	725	7	24	16	33	1031	2136
CZE vd	765	860	15	40	20	46	2168	1809
CZE ze	617	896	20	82	32	91	1259	2941
DEU hw	835	1233	81	208	97	169	2338	8608
DEU mz	522	855	10	68	19	80	1207	2243
ENG ag	713	758	22	27	31	35	1973	3769
ENG bk	861	1087	71	125	82	115	3754	6555
ENG ds	494	845	16	48	32	57	1871	2074
ENG mt	562	965	24	83	42	86	2162	3967
ENG py	865	1206	70	160	81	133	2893	6701
FRA jj	484	930	16	79	34	85	1867	6749
FRA vl	970	1238	52	62	54	50	6501	6501
HOL rb	812	1101	57	145	70	132	4215	6831
SAR gc	679	912	12	47	18	52	1340	1623
Averages:	683	968	33	85	44	83	2414	4365
% Increase:		42		159		89		81

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

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 table shows statistics for all the 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 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.

CLE98e5.xls
bk 1 Nov. 2007