

**NDB LIST CLE No. 72 400 - 419.9 kHz 25-28 November 2005, midday-midday local time**

**COMBINED RESULTS**

**EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

CZE	<b>fr</b>	Frantisek Müller, Praha
CZE	<b>ze</b>	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	<b>mz</b>	Matthias Zwoch, Arnsdorf, Nr.Dresden
DEU	<b>rr</b>	Renee Rober, Kiel
DEU	<b>ud</b>	Udo Deutscher, Weil am Rhein, near Basel
ENG	<b>ag</b>	Alan Gale, Lancashire
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>ds</b>	David Atkins, Abbots Langley
ENG	<b>py</b>	Peter Conway, Hastings
ESP	<b>es</b>	Elías Suárez, Gijón (Asturias)
FRA	<b>fb</b>	Franck Baste, St Bonnet de Rochefort
FRA	<b>mi</b>	Michel Lacroix, Near Paris
FRA	<b>pp</b>	Patrice Privat, Noailles, N.of Paris
FRA	<b>vl</b>	Vincent Lecler, Near Poitiers
GSY	<b>lr</b>	Lionel Roithmeir, Guernsey
HOL	<b>di</b>	Dick van der Knaap, 100 km E of Amsterdam
HOL	<b>fg</b>	Frank van Gerwen, Castricum, Bakkum-Noord
HOL	<b>rb</b>	Roelof Bakker, Zeeland, SW Netherlands
IRL	<b>fo</b>	Finbar O'Connor, Malin Head (Trawbreaga Bay)
RUS	<b>vp</b>	Victor Puzanov, Mozhaysk
SAR	<b>gc</b>	Giorgio Casu, San Gavino Monreale
SWE	<b>ld</b>	Lennart Deimert, Borensberg
SWE	<b>tn</b>	Torbjorn Ericson, Nykoping

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 ( brian@keyteb.freemove.co.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	CZE fr	CZE ze	DEU mz	DEU rr	DEU ud	ENG ag	ENG bk	ENG ds	ENG py	ESP es	FRA fb	FRA mi	FRA pp	FRA vl	GSY lr	HOL di	HOL fg	HOL rb	IRL fo	RUS vp	SAR gc	SWE ld	SWE tn
ALG	413	MCH	Mecheria									22														
ALG	416	MAR	Algiers					19	4	17	3	21			17	21			18	22	21			1		
AUT	405	KW	Klagenfurt	13	23	19													17		22			0		
AUT	408	BRK	Wien Bruck	12	20	20	22	19	2	17	16	21		15			20	0	21	22	19	21		21	1	19
AUT	410	SI	Salzburg	12	21	22		19	2	21		23						0	21	21					0	0
AUT	413	KTI	Innsbruck Kuhtai	16	20	22		19	2	18	1	23		16	17		20		21	22				1	2	
AUT	418	ZW	Zeltweg	13	15	21																				
BAL	401	PTC	Porto Colom Palma							22		21					21							12		
BEL	402	OP	Brussels																19		21					
BUL	415	RUS	Russe	21		19		19			3	20							21	22	20			21		17
CAN	404	YSL	St. Leonard, NB						4																	
CAN	414	BC	Baie Comeau, QC						3	5											4					
CZE	416	KUN	Kunovice																18							
CZE	416	V	Vodochody	13	20	20	20												21						1	
DEU	400	MSW	Munchen	12	22	18																				
DEU	401	MEG	Mengen	13	21	19		18	1												21	16		0	0	
DEU	401.5	BET	Rheine Bentlage	15	19	19		18	2	11	2	16							20	20	18				19	
DEU	403	HAB	Hammelburg	12	20	19													20	2	22					
DEU	405	GRW	Grafenwohr	12	20	19				20									6	21	23			0	3	22
DEU	406	HOZ	Holzdorf	12	23	19			2	21	17								17	2	20	20	20		23	19
DEU	406.5	BOT	Bottrop	15	21	19			2	12	16	21		17			17	23	20	22	20	20		0	1	19
DEU	407	LUP	Laupheim	12	0	19		10	2										20		10	21		0	0	
DEU	413.5	DLS	Berlin Lubars	12	20	22	21	19	4	18	1								21	1	22	22			1	21
DEU	415	RTB	Nurnberg Rothenbach	12	21				21										21	2	22					0
DEU	417	HDL	Heidelberg	21		20			21										6	22				1	22	
DEU	417	LI	Dusseldorf							11											6					
DEU	419	WUN	Wunstorf			20		20	4		2								21	22	21				0	

DNK	400.5	EJ	Esbjerg	0			22		1	17		21						20	21	21	20			18	22	
ENG	401	FNL	Fenland						12	12	16	13						23	17	21	21	20				
ENG	402.5	LBA	Leeds/Bradford						12	12	16	16					23	6	21	18	20			22	1	
ENG	406	BHX	Birmingham						13	12	16	17					23	17	2	23	20					
ENG	414	BRI	Bristol	0					13	12	16	9	16			5	0	19	12	22	22		0		21	
ENG	417	ND	Gt.Yarmouth Nth Dene							12		13							11	9						
ENG	419	LSO	Lee on Solent						21	12	16	12				0				9						
ESP	401	COA	La Coruña						4	5	23	15				5				22	20					
ESP	403	TOB	Villatobas						1	17	23		22	16		6		20		22			0			
ESP	410	C	La Coruña				19		2	16	0	21		16		19		19	22	21	22		0			
ESP	412	GRA	Granada							17		22						19								
ESP	412	GRN	Gerona	0					20	22				15		18	20	0		21			12			
ESP	416	SA	Santander										13													
ESP	417	ACD	Alcobendas				20		2	0	1	20	22	16		6				23	23		0			
ESP	417	SNO	Santiago						3	18	2	21	19	17		20		19	22	21	23					
ESP	418	BAI	Bailen						4	21		20		17		6		19		23	23		21			
EST	418	L	Tallinn Ülemiste	23	22	20			21	14	17							21	22	21		19		1	22	
FIN	400	KO	Utti	15	0	18	22		4	15		19						20	2	18	20	18		19	23	
FIN	401	JP	Joensuu	15		19	22			17								20	1	18		18		18	19	
FIN	403	H	Helsinki Vantaa			19												20						22	22	
FIN	404	JAN	Halli Janne	22	22	19				17		23							21			2			13	
FIN	404	S	Savonlinna			19																18			19	
FIN	404	Y	Kemi Tornio	13	0	19	22			17								17	21	22					20	
FIN	407	A	Jyvaskyla																						16	
FIN	408	F	Helsinki																					23	20	
FIN	408	O	Seinajoki																						20	
FIN	408	W	Utti	21		21	22			21								21		20		18		23	20	
FIN	409	Z	Pyhasalmi			22	22															15			16	
FIN	411	M	Kokkola Kruunupyy	21		21	22		2	18		23						18	21	21	22	18		4	21	
FIN	412	I	Halli	21			21			21								20	21		22	15		4	20	
FIN	416	TOR	Rovaniemi Toramo	19		20	20		2	21								6	21			18			22	
FIN	419	HY	Vaasa	13		21				18		17						21	21	21	23	18		23	14	
FRA	400	AG	Agen La Garenne	20					2	5	23	16	8			18										
FRA	400	MO	Macon					10	2	18		17	15		18	18		17	2	18						
FRA	401	LA	Laval Entrammes						2	12	16	14	15			18	12	19	2	18	20		0			
FRA	402	DA	Ales Deaux	20					2	22		17				18							0			
FRA	402	ORW	Paris Orly	15		19			2	12	17	13	15			18	23	20	21	18	20		0	23		





SVN	414	ILB	Bistrica Ilirska	21	19	19		19	21	21	1	23		15				19	22	21			1			
SWE	400	EN	Orebro	22	17	18	22		4	22		21					23	20	20	21	20			19	11	
SWE	402	LX	Eskilstuna Kjula	13		19	22			22						23	17	21	21	20			19	19		
SWE	403	NM	Mora Siljan	15		19	22			22							20		21					12		
SWE	403	OJ	Jonkoping	15	17	19			1	21		17					20	21	18	20			19	19		
SWE	404	LA	Stockholm Arlanda			19				17							6						16	19		
SWE	405	AV	Goteborg Save	13	17	19	22	19	2	11	23	17		15			23	20	21	20	20		19	19		
SWE	406	NV	Vilhelmina				22																21			
SWE	407	KA	Karlskoga	16	22	20	22			21		20				0	18	22	23	20	18		23	19		
SWE	409	SG	Satenas	13	22	22	22		2	14	16	21				0	21	22	23	21	19		22	20		
SWE	415	OL	Linkoping Saab	16	19	20	22		4	21	18	20					21	22	22	23			1	21		
SWE	416	BCS	Bacchus			20	20			21		17					21	22	21				1	21		
SWE	416	R	Arvika	20	0	20	20		21	21	18	17					21	22	16	23			1	22		
SWE	417	AH	Angelholm Barkakra	13	20	20	20	19	3	11	17	17		16			0	21	22	21	23		1	21		
SWE	417	R	Gavle Sandviken			20	20			21	18	17				0	21		16	23			22	23		
SWE	419	RD	Vasteras Hasslo	13	22	21	20		2	15	17	20		17			23	6	22	21	23	15	23	12		
XOE	402	KB	Placid	19	19	19	22	18	20	12	14	14					20	20	6							
XOE	403.5	LNL	Lancelot A						13	12		14						21	22							
XOE	419	RA	Tyra East A	20	23	21	20		13	12	16	12		21			0	21	20	21	23		2	0		
XUE	407	BCR	(UNID) Bechar, ALG?						2	5	0					6			20	20						
Cou	kHz	Call	Location	CZE fr	CZE ze	DEU mz	DEU rr	DEU ud	ENG ag	ENG bk	ENG ds	ENG py	ESP es	FRA fb	FRA mi	FRA pp	FRA vl	GSY lr	HOL di	HOL fg	HOL rb	IRL fo	RUS vp	SAR gc	SWE ld	SWE tn

**COUNTRIES HEARD:**

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

Cou	Country	CZE fr	CZE ze	DEU mz	DEU rr	DEU ud	ENG ag	ENG bk	ENG ds	ENG py	ESP es	FRA fb	FRA mi	FRA pp	FRA vl	GSY lr	HOL di	HOL fg	HOL rb	IRL fo	RUS vp	SAR gc	SWE ld	SWE tn
ALG	Algeria					1	1	1	1	2			1	1			1	1	1			1		
AUT	Austria	5	5	5	1	3	3	3	2	3		2	1		2	2	4	3	2	1		3	3	2
BAL	Balearic Is.							1		1					1							1		
BEL	Belgium																1		1					
BUL	Bulgaria	1		1		1			1	1							1	1	1			1		1
CAN	Canada, NB						1																	
CAN	Canada, QC						1	1											1					
CZE	Czech Republic	1	1	1	1												2						1	
DEU	Germany	11	10	11	1	5	9	6	5	2		1			1	1	10	10	11	4		5	9	5
DNK	Denmark	1			1		1	1		1							1	1	1	1	1		1	1
ENG	England	1					5	6	5	6		1			1	5	4	5	6	4		1	1	2
ESP	Spain	1				2	7	8	5	6	4	6		1	7	1	5	2	7	5		5		
EST	Estonia	1	1	1			1	1	1								1	1	1		1		1	1
FIN	Finland	9	3	11	8		3	9		4							9	8	6	4	10		8	15
FRA	France	4		2		4	11	17	8	16	1	14		2	16	7	6	9	11	6		12	3	
FRO	Faroe Is.	1	1		1		1	1	1	1		1			1	1	1	1	1	1				
GRC	Greece	1																						
HNG	Hungary	2	2	2		2	2	2	1	2		2			2		2	2	2	1		2	1	1
HOL	Netherlands						1	1	1	1							1	1	1				1	
HRV	Croatia	4	1	4		1				2					1		1	2	1			4		
IRL	Ireland						2	2	1	1		1	1			1	1	1	1	2			1	
ITA	Italy	7	5	6		4	2	5	2	7		4	1		3		7	7	7			8		1
JOR	Jordan							1		1									1			1		
KAL	Kaliningrad	1	1	1			1			1										1				
KAZ	Kazakhstan																				1			
LBY	Libya	1		1		1	1	1		1		1			1		1	1	1	1		4		1
LTU	Lithuania	1		1				1									1						1	1
LUX	Luxembourg	1	1	1	1	1	1	1		1					1		1	1	1	1		1	1	1
MLT	Malta		1	1				1		1							1	1	1			1	1	
MRC	Morocco									1														
NOR	Norway	2	1	3	4	2	4	5	3	4		1				4	4	4	5	4		1	6	5
POR	Portugal						1		1	1									1	1				
ROU	Romania	3	3	2			1	2		3		2			1		3	3	3		1	2	2	
RUS	Russia	1																		1	5		3	2
SAR	Sardinia	1	1	1		1		1		1					1		1	1	1			1		

SCT	Scotland					2	1									1	1	2						
SCY	Sicily	1		1			1		2							1			2					
SER	Serbia	3	3	3	1	2	1	1	1	1		1			1	2	2	2			3	1	1	
SUI	Switzerland	1	1			1	1	1				1			1	1	1				1			
SVK	Slovakia	2	1	3					1							2	1	2					1	
SVN	Slovenia	1	1	1		1	1	1	1			1				1	1	1			1			
SWE	Sweden	11	9	14	13	2	8	14	7	11		3			8	14	11	13	11	3		14	14	
XOE	Offshore	2	2	2	2	1	3	3	2	3		1			1	2	3	3	1			1	1	
XUE	UNID						1	1	1					1				1	1					
<b>Cou</b>	<b>Country</b>	<b>CZE fr</b>	<b>CZE ze</b>	<b>DEU mz</b>	<b>DEU rr</b>	<b>DEU ud</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG ds</b>	<b>ENG py</b>	<b>ESP es</b>	<b>FRA fb</b>	<b>FRA mi</b>	<b>FRA pp</b>	<b>FRA vl</b>	<b>GSY lr</b>	<b>HOL di</b>	<b>HOL fg</b>	<b>HOL rb</b>	<b>IRL fo</b>	<b>RUS vp</b>	<b>SAR gc</b>	<b>SWE ld</b>	<b>SWE tn</b>

**LISTENING TIMES:** This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	CZE fr	CZE ze	DEU mz	DEU rr	DEU ud	ENG ag	ENG bk	ENG ds	ENG py	ESP es	FRA fb	FRA mi	FRA pp	FRA vl	GSY lr	HOL di	HOL fg	HOL rb	IRL fo	RUS vp	SAR gc	SWE ld	SWE tn
00:00 - 00:59	3	4					4	5							14						29	9	4
01:00 - 01:59						8		6									4				8	12	1
02:00 - 02:59						29		3									13			1		3	
03:00 - 03:59						9		2														1	
04:00 - 04:59						10												1				3	
05:00 - 05:59							5							5		1							
06:00 - 06:59	1													8		6		2					
07:00 - 07:59																							
08:00 - 08:59									1	1	1												
09:00 - 09:59									1										6				
10:00 - 10:59					4													1					
11:00 - 11:59					3		4										1				2		1
12:00 - 12:59	9					2	22		2						5		1			3	7		2
13:00 - 13:59	12					7			6	1													3
14:00 - 14:59							2	2	5														1
15:00 - 15:59	15	1					4		4		13									4			
16:00 - 16:59	10						1	15	7		16	1						5			3	1	3
17:00 - 17:59		3					15	8	14		6	2		1		12						1	3
18:00 - 18:59			5		5	1	9	3			3		3	9		8		10		11		2	



19:00 - 19:59	5	8	34		21	2		1	2	1				3		11		1		2	2	10	11	
20:00 - 20:59	7	15	20	8	2	3		1	12					11		28	6	11		26			7	
21:00 - 21:59	11	10	12	2		6		20	16				1	5		26	31	31		7		5	2	7
22:00 - 22:59	8	9	8	24				13	7	2			1				30	22		9		2	7	6
23:00 - 23:59	1	4						1	5	13						12		10		11		3	10	6
<b>UTC (hh)</b>	<b>CZE</b> fr	<b>CZE</b> ze	<b>DEU</b> mz	<b>DEU</b> rr	<b>DEU</b> ud	<b>ENG</b> ag	<b>ENG</b> bk	<b>ENG</b> ds	<b>ENG</b> py	<b>ESP</b> es	<b>FRA</b> fb	<b>FRA</b> mi	<b>FRA</b> pp	<b>FRA</b> vl	<b>GSY</b> lr	<b>HOL</b> di	<b>HOL</b> fg	<b>HOL</b> rb	<b>IRL</b> fo	<b>RUS</b> vp	<b>SAR</b> gc	<b>SWE</b> ld	<b>SWE</b> tn	

**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:

<b>NDBs</b>	<b>kHz</b>	<b>CZE</b> fr	<b>CZE</b> ze	<b>DEU</b> mz	<b>DEU</b> rr	<b>DEU</b> ud	<b>ENG</b> ag	<b>ENG</b> bk	<b>ENG</b> ds	<b>ENG</b> py	<b>ESP</b> es	<b>FRA</b> fb	<b>FRA</b> mi	<b>FRA</b> pp	<b>FRA</b> vl	<b>GSY</b> lr	<b>HOL</b> di	<b>HOL</b> fg	<b>HOL</b> rb	<b>IRL</b> fo	<b>RUS</b> vp	<b>SAR</b> gc	<b>SWE</b> ld	<b>SWE</b> tn
7	400	5	4	4	3	2	5	5	1	5		2		1	2	2	5	5	5	3	1	1	3	3
2	400.5	2	1	1	1	1	1	1		2		1			1		2	2	2	1		1	1	1
11	401	3	2	3	1	2	6	7	4	7		1			3	2	4	6	8	5	2	4	2	1
1	401.5	1	1	1		1	1	1	1	1							1	1	1				1	
7	402	5	2	4	2	2	4	6	2	4		1			3	2	5	4	5	3		3	2	1
1	402.5						1	1	1	1						1	1	1	1	1			1	1
9	403	5	3	4	1	1	3	5	1	2	1	3			3		6	3	4	1		3	2	3
1	403.5						1	1		1								1	1					
15	404	6	5	7	4	2	7	9	5	8	1	4			4	4	8	9	9	4	2	4	5	7
1	404.5						1	1	1	1							1	1	1				1	
10	405	7	5	5	1	2	2	4	3	3		2	1		2	2	6	5	6	2	2	6	4	3
6	406	2	2	2	1	1	2	3	2	3		2		1	1	1	3	3	3	2		2	2	1
1	406.5	1	1	1			1	1	1	1		1			1	1	1	1	1	1		1	1	1
8	407	5	2	5	1	2	4	5	2	4		2	1		2	2	5	3	6	5	1	3	4	4
7	408	4	3	3	2	1	2	3	1	3		3			1	1	4	3	4	2	1	3	5	5
3	409	2	2	3	2	1	2	2	2	2		1			1	1	2	2	2	2	2	1	2	3
7	410	2	2	2		3	4	4	1	5		1			1	1	2	3	3	3	1	4	2	1

1	411	1		1	1		1	1		1						1	1	1		1	1		1	1
10	412	6	3	4	1	2	2	6		5		2		1	2	1	4	3	3	1	1	6	2	1
4	413	2	2	2		2	2	3	2	4		3	1		3		2	2	2			3	1	
1	413.5	1	1	1	1	1	1	1	1								1	1	1	1		1	1	
7	414	4	1	4	2	2	4	5	3	4		2			1	3	4	4	5	4	1	3	3	4
5	415	3	2	2	1	1	2	2	2	3		1			1		3	4	3	1	1	2	1	3
10	416	4	4	6	5	2	5	7	3	5	1	2	1	1	2		8	6	5	1	1	3	5	4
9	417	3	1	5	2	2	4	8	4	7	2	4			3	3	5	5	8	4		4	3	2
7	418	4	3	5			4	4	2	3		2			4	1	4	3	5	2	2	3	2	1
7	419	4	2	4	2	2	5	5	5	5		3			1	3	4	4	5	3	2	1	4	3
<b>NDBs</b>	<b>kHz</b>	<b>CZE fr</b>	<b>CZE ze</b>	<b>DEU mz</b>	<b>DEU rr</b>	<b>DEU ud</b>	<b>ENG ag</b>	<b>ENG bk</b>	<b>ENG ds</b>	<b>ENG py</b>	<b>ESP es</b>	<b>FRA fb</b>	<b>FRA mi</b>	<b>FRA pp</b>	<b>FRA vl</b>	<b>GSY lr</b>	<b>HOL di</b>	<b>HOL fg</b>	<b>HOL rb</b>	<b>IRL fo</b>	<b>RUS vp</b>	<b>SAR gc</b>	<b>SWE ld</b>	<b>SWE tn</b>

### MOBs

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

kHz	C/S	Location	Cou	Reporter	UTC
403	KEK	Kerkira	GRC	<b>CZE fr</b>	15:46
404	YSL	St. Leonard, NB	CAN	<b>ENG ag</b>	04:40
413	MCH	Mecheria	ALG	<b>ENG py</b>	22:40
401	ALU	Al Hoceima Cherif Al	MRC	<b>ENG py</b>	23:48
416	SA	Santander	ESP	<b>ESP es</b>	13:58
419	BOS	Bourges	FRA	<b>FRA fb</b>	16:07
416	KUN	Kunovice	CZE	<b>HOL di</b>	18:20
401	AY	Atyrau	KAZ	<b>RUS vp</b>	18:00
415	DR	Skurygino	RUS	<b>RUS vp</b>	12:43
405	FP	Cherepovets	RUS	<b>RUS vp</b>	18:53
412	CIA	Roma Ciampino	ITA	<b>SAR gc</b>	11:57
403	MB	Marsa Brega	LBY	<b>SAR gc</b>	00:20
405	VG	Eddib V7 (Minquaral)	LBY	<b>SAR gc</b>	00:23
410	VH	Hofra V10	LBY	<b>SAR gc</b>	01:00
407	A	Jyvaskyla	FIN	<b>SWE tn</b>	16:31
408	O	Seinajoki	FIN	<b>SWE tn</b>	20:15

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

*These results (if any) will be available when the N. American logs have been combined.*

CLE72e5.xls  
bk 30 Nov.2005