

**NDB LIST CLE No. 41 410 - 424.9 kHz 22-25 August 2003, midday on 22nd to 18:00 on 25th local time**

**COMBINED RESULTS**

**EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

CZE	<b>ze</b>	Zdenek Elias, Jablonec nad Nisou, N Bohemia
DEU	<b>eb</b>	Eike Bierwirth, Leipzig
DEU	<b>mz</b>	Matthias Zwoch, Arnsdorf, Nr Dresden
DEU	<b>sd</b>	Stefan Dombrowski, Pobershau
ENG	<b>ag</b>	Alan Gale, Lancashire
ENG	<b>bk</b>	Brian Keyte, Surrey
ENG	<b>tm</b>	Tony Moore, near Redcar
FIN	<b>te</b>	Torre Ekblom, Ristiina
FRA	<b>jj</b>	Jean Jacquemin, Merville
GSY	<b>lr</b>	Lionel Roithmeir, Guernsey, Channel Is
HOL	<b>di</b>	Dick van der Knaap, 100km east of Amsterdam
HOL	<b>fg</b>	Frank van Gerwen, Castricum, Bakkum-Noord
HOL	<b>hs</b>	Herman Schoemaker, Veldhoven
HOL	<b>rb</b>	Roelof Bakker, Middelburg
HOL	<b>r2</b>	Roelof Bakker, inland dyke near Middelplaten
IRL	<b>rd</b>	Roger Caird, Dublin
NOR	<b>bm</b>	Bjarne Mielde, Berlevag
SAR	<b>gc</b>	Giorgio Casu, San Gavino Monreale
SAR	<b>rm</b>	Roberto Meloni, San Gavino Monreale
SWE	<b>bn</b>	Bo Nensen, Örnköldsvik

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](mailto: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 ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn
ALG	413	MCH	Mecheria						4														
ALG	415	ON	Oran						4														
ALG	421	BTN	Batna						4												3		
ALG	423	BJA	Bejaia Soummam															19			14	9	
AUT	410	SI	Salzburg				23																
AUT	413	KTI	Innsbruck Kuhtai	21		21	20	22	21	1		23	22	22	23	20		21	2		21		23
AUT	418	ZW	Zeltweg	22		20	20																
AUT	420	INN	Innsbruck	21		20	20					1		22		20							
BUL	415	RUS	Russe			20	22					23		21	23	0		19					23
CZE	416	KUN	Kunovice			19								22									
CZE	416	V	Vodochody	20		20	10																
CZE	422	UR	Hradec Kralove	20		21	10		21	23		22	1	2		20		19	22		21		22
DEU	413.5	DLS	Berlin Lubars	20		18	20	22	21	23	22	0	22	21		21			22				21
DEU	415	RTB	Numberg Rothenbach	22		20	20							22									
DEU	417	HDL	Heidelberg			20								22									
DEU	417	LI	Dusseldorf						4			4		12	0	18	13	11					
DEU	419	WUN	Wunstorf			20								12			13	10					
DEU	420	BAZ	Bayreuth	21		20	20		21	0		22		23	15	19					22		
DNK	423	FE	Odense	0		21			13	0	21	23		21	18	0	13	12					21
ENG	417	ND	Gt.Yarmouth North De					14	12			17			0	19	13	10					
ENG	419	LSO	Lee on Solent						13			17	8				13	10					
ENG	420	BPL	Blackpool					17	13	6									23				



HRV	420	GS	Pula			20		3	21			22	21	22		21		19			18		
HRV	421	SAL	Zadar Sali																				
HRV	424	PIS	Zagreb Pesarovina	22		21			21	0		23		23	22	19		19			19		22
ITA	412	CIA	Roma Ciampino																		19	15	
ITA	413	BOA	Bologna		21	20	22	3	20			3		22		21		23			18		
ITA	417	VIC	Vicenza			21	20							22							22		
ITA	420	ABN	Albenga																		18	15	
ITA	421	FN	Roma Fiumicino			22	22							20							14	18	
ITA	422.5	ALS	Alessandria																		3		
ITA	423	FOR	Forli			21	20		2					22	22	21		20			18	2	
LBY	410	VH	Hofra V10																		22	20	
MLT	416	LQA	Luqa			20							21	19							14	18	
MON	420	GO	Podgorica			21																	
NIR	420	HB	Belfast City					16										23					
NOR	414	HD	Sandnessjoen Hestad						22	3	20	23				0		21		21			12
NOR	414	SJA	Bardufoss Senja								20									18			21
NOR	414	SLB	Oslo Solberg			20			21	1	22	0	0	21		20		21					21
POL	412	WAO	Warsaw Okecie			21			2		22	23		21	0	21		21					
ROU	418	ORA	Oradea			20	22		20				22	22	23	21		21			23		
ROU	422	TLC	Tulcea																				21
RSE	410	FB	Kolpashevo								20												
RUS	410	SF	Cherusti								19												21
RUS	420	KN	Kobona			21					18				0			20		21			21
SCY	412	SIG	Catania Sigonella						19					19							19		
SER	412	DAK	Amiko Dakovica											22									
SER	416	POZ	Belgrade Pozarevac	22	22	20	20	2	21	23		0	21	21	23	20		19			19	20	22
SER	423	ZO	Nis Zitorada	22		21	20		21			23	1	21	22	0		19			21		22
SVK	418	PW	Poprad Tatry	23		22																	
SVN	414	ILB	Bistrica			21								1				21			19		
SWE	415	N	Ludvika								22												21
SWE	415	OL	Linkoping						21	1	21	1		21		20		21					21
SWE	416	BCS	Bacchus							3	20			21		20							12

SWE	416	R	Arvika						21			0			0								
SWE	416.5	R	Arvika											0									
SWE	417	AH	Angelholm	23		20	22	2	12	23		23	21	21	0	20	13	10	2		22		21
SWE	417	R	Gavle Sandviken			20			2		21	3		21		21							12
SWE	419	RD	Vasteras			20			22	0	21	0	21	21	23	20		21		21			12
SWE	420	SS	Malmo Sturup			21			21		19	23	22	21	22	0		22					21
SWE	421	BL	Borlange			21					21	0		21	0	0							21
SWE	421	MF	Halmstad	0		21		22	21	0	21	23	22	21	22	0	13	11	23				21
SWE	421	T	Linkoping Saab	21		21			22							0		22					
SWE	421	TRU	Lulea Trundon								20												12
XOE	419	RA	Tyra East A	0				14	15	17		21	21	2	18	15	13	15	23		3		
XOE	420	LGS	Conoco Loggs					2	13	0		17		23	18	19	13	10					
XOE	424	STI	Markham A ST 1					16	2	0		18		21	18	21	13	11					21
XUE	410	E	(UNID)						22														
XUE	415	T	(UNID)						3														
XUE	416	CRC	(UNID)					2	12	6		17		11	12	18		10					
XUF	420	ZA	(UNID) ?Zawia, Libya																		22	18	
Cou	kHz	Call	Location	CZE ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn

### COUNTRIES HEARD:

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

Cou	Country	CZE ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn	
ALG	Algeria						3									1			2	1		
AUT	Austria	3		3	4	1	1	1		2	1	2	1	2		1	1		1			1
BUL	Bulgaria			1	1					1		1	1	1		1						1
CZE	Czech Rep.	2		3	2		1	1		1	1	2		1		1	1		1			1

DEU	Germany	3		5	3	1	3	2	1	3	1	6	2	3	2	2	1		1		1
DNK	Denmark	1		1			1	1	1	1	1	1	1	1	1	1					1
ENG	England					5	6	4		5	4	3	4	4	5	5	1				2
ESP	Spain						10	2		3	1	3	2			4	3		4	2	
EST	Estonia	1		1	1		1	1	1	1	1	1		1		1		1			1
FIN	Finland			1			2	2	4	1		2		2		1		3			4
FRA	France			2		1	7	1		9	2	4	2	3	3	5			2	1	
HNG	Hungary			1	2		1			1	1	2		1		1			1		
HRV	Croatia	1		2		1	2	1		2	1	4	1	3		2			3		1
ITA	Italy		1	4	4	1	2			1		4	1	2		2			7	4	
LBY	Libya																		1	1	
MLT	Malta			1							1	1							1	1	
MON	Montenegro			1																	
NIR	N.Ireland					1											1				
NOR	Norway			1			2	2	3	2	1	1		2		2		2			3
POL	Poland			1			1		1	1		1	1	1		1					
ROU	Romania			1	1		1				1	1	1	1		1			1		1
RSE	Russia (Eastern)								1												
RUS	Russia			1					2				1			1		1			2
SCY	Sicily						1					1							1		
SER	Serbia	2	1	2	2	1	2	1		2	2	3	2	2		2			2	1	2
SVK	Slovak Rep.	1		1																	
SVN	Slovenia			1								1				1			1		
SWE	Sweden	3		7	1	2	8	5	9	8	4	8	6	10	2	6	2	1	1		10
XOE	Offshore	1				3	3	3		3	1	3	3	3	3	3	1		1		1
XUE	UNID (Europe)					1	3	1		1		1	1	1		1					
XUF	UNID (Africa)																		1	1	
<b>Cou</b>	<b>Country</b>	<b>CZE</b>	<b>DEU</b>	<b>DEU</b>	<b>DEU</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>FIN</b>	<b>FRA</b>	<b>GSY</b>	<b>HOL</b>	<b>HOL</b>	<b>HOL</b>	<b>HOL</b>	<b>HOL</b>	<b>IRL</b>	<b>NOR</b>	<b>SAR</b>	<b>SAR</b>	<b>SWE</b>
		<b>ze</b>	<b>eb</b>	<b>mz</b>	<b>sd</b>	<b>ag</b>	<b>bk</b>	<b>tm</b>	<b>te</b>	<b>jj</b>	<b>lr</b>	<b>di</b>	<b>fg</b>	<b>hs</b>	<b>r2</b>	<b>rb</b>	<b>rd</b>	<b>bm</b>	<b>gc</b>	<b>rm</b>	<b>bn</b>

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

UTC (hh)	CZE ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn
00:00 - 00:59	3						10		7	1		8	9							
01:00 - 01:59							3		2	2	1									
02:00 - 02:59					4	13			1		3					2			1	
03:00 - 03:59					3	3	3		3		5							5		
04:00 - 04:59						4	2		5											
06:00 - 06:59							4													
08:00 - 08:59										6										
09:00 - 09:59																			1	
10:00 - 10:59				2											9					
11:00 - 11:59											1				6					
12:00 - 12:59						7					4	1			1					10
13:00 - 13:59						7								16						
14:00 - 14:59					2										1			5		
15:00 - 15:59						1						1	2		1			1	2	
16:00 - 16:59					2															
17:00 - 17:59					3		1		12											
18:00 - 18:59			1		1			5	1			8	3				4	4	6	
19:00 - 19:59			1			1		2			3		8		9			7		
20:00 - 20:59	3		19	11		2		6			1		10		3				2	
21:00 - 21:59	4	1	16	1		17		6	1	8	22		10		9		4	3		16
22:00 - 22:59	5	1	4	6	3	6	1	4	3	6	13	5			6	3		5		4
23:00 - 23:59	3			1			4		13		3	7	2		1	6		2		2
UTC (hh)	CZE ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn

**NDBs HEARD, BY FREQUENCY:** The number of NDBs logged by each reporter on each frequency

NDBs	kHz	CZE ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn
7	410				1		3	1	2	1		1	2	1	1	2	1		1	1	1
1	411						1	1	1			1		1				1			1
10	412			1	1		6	1	2	5	1	6	1	4	1	3			4	2	1
3	413	1	1	2	2	2	3	1		2	1	2	1	2		2	1		2		1
1	413.5	1		1	1	1	1	1	1	1	1	1		1			1				1
4	414			2			2	2	3	2	1	2		2		3		2	1		3
7	415	1		2	2		4	1	2	3		4	1	2		2			1	1	3
9	416	2	1	4	2	2	4	3	2	3	2	5	2	4		2		1	2	2	3
1	416.5												1								
9	417	1		4	2	2	7	1	1	5	3	5	3	4	3	4	2		2		2
6	418	3		4	3	1	3	2	1	2	3	4	2	3	1	3		1	2		1
6	419	1		4		1	5	2	2	5	3	5	2	2	3	6	1	2	2		2
14	420	2		7	3	4	6	3	2	6	2	6	4	5	1	4	2	1	5	2	2
9	421	2		4	1	2	5	3	3	4	2	5	4	5	2	4	1		3	1	3
3	422	1		1	1		2	1		1	1	2		1		1	1		1		2
1	422.5																		1		
7	423	2		3	2	1	5	2	1	4	2	4	4	4	2	6			3	2	3
5	424	1		2		2	4	3		4	1	3	3	3	2	4	1		2	1	3
NDBs	kHz	CZE ze	DEU eb	DEU mz	DEU sd	ENG ag	ENG bk	ENG tm	FIN te	FRA jj	GSY lr	HOL di	HOL fg	HOL hs	HOL r2	HOL rb	IRL rd	NOR bm	SAR gc	SAR rm	SWE bn



**MOBs**

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

kHz	C/S	Location	Cou	Reporter	UTC
420	GO	Podgorica	MON	DEU mz	21:19
410	SI	Salzburg	AUT	DEU sd	23:00
415	T	(UNID)	?	ENG bk	03:51
410	E	(UNID)	?	ENG bk	22:29
413	MCH	Mecheria	ALG	ENG bk	04:20
415	ON	Oran	ALG	ENG bk	04:23
417	ACD	Alcobendas	ESP	ENG bk	02:49
416	ULT	Ussel Thalamy	FRA	ENG bk	03:15
410	FB	Kolpashevo	RSE	FIN te	20:15
423	TS	Toulouse	FRA	FRA jj	04:02
420	LMT	Auch	FRA	FRA jj	04:22
412	HUM	Humac	HRV	HOL di	21:57
412	DAK	Amiko Dakovica	SER	HOL di	22:30
416.5	R	Arvika	SWE	HOL fg	00:01
421	SAL	Zadar Sali	HRV	HOL hs	21:42
422.5	ALS	Alessandria	ITA	SAR gc	03:54
422	TLC	Tulcea	ROU	SWE bn	21:35

**TAB's** 'Trans-Atlantic Beacons' - NDBs that joined in the fun on both sides of the Atlantic  
- they were heard by at least one reporter from Europe and at least one from N/A:

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

CLE41e5.xls  
bk 27 Aug 2003