

**NDB LIST CLE No. 156**    370 - 384.9 kHz    27 - 30 Apr. 2012, midday-midday local time

**COMBINED RESULTS  
EUROPE**

For overall statistics, please see the covering email.

**Reporters:**

AUT	<b>pc</b>	Patrick Robic, Leibnitz
CZE	<b>fr</b>	Frantisek Müller, Praha
CZE	<b>jv</b>	Jaroslav Tomek, Ostrava
CZE	<b>my</b>	Milos Holy, Lhota pod Radcem
CZE	<b>ze</b>	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	<b>hw</b>	Hartmut Wolff, Near Wolfsburg
DEU	<b>s2</b>	Stefano Temporin, while at Weissenburg in Bayern
ENG	<b>ag</b>	Alan Gale, Whitworth, Lancashire
ENG	<b>b4</b>	Brian Keyte, while at Pontesbury, Shropshire
ENG	<b>ds</b>	David Atkins, Abbots Langley
ENG	<b>hh</b>	Brian Heath, Stapleton, Leicestershire
ENG	<b>me</b>	Mike Thayne, Whitley Bay
ENG	<b>px</b>	Peter Greateorex, Bolsover, Derbyshire
ENG	<b>tm</b>	Tony Moore, Nr.Redcar, Cleveland
FRA	<b>ea</b>	Eric Angevin, St Georges de Pointindoux
FRA	<b>jj</b>	Jean Jacquemin, Bethune, Merville, near Lille
HOL	<b>rb</b>	Roelof Bakker, Middelburg, Zeeland
ITA	<b>mr</b>	Marino Ferrero Giacminet, Settimo Torinese, Turin
SUI	<b>ps</b>	Peter Schleuss, Winterthur
SWE	<b>bn</b>	Bo Nensen, Hanabäckliden, 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 ( [ndbcle'at'gmail.com](mailto:ndbcle'at'gmail.com)  
- replace the 'at' by an @ symbol )

## BEACONS HEARD:

Beacons are shown in kHz order within each country

UNIDs and Offshore NDBs appear at the end of the list.

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 21 indicates logged between 21:00-21:59).

Cou	kHz	Call	Location	AUT pc	CZE fr	CZE jv	CZE my	CZE ze	DEU hw	DEU s2	ENG ag	ENG b4	ENG ds	ENG hh	ENG me	ENG px	ENG tm	FRA ea	FRA jj	HOL rb	ITA mr	SUI ps	SWE bn	
AUT	374	KFT	Klagenfurt	21	19		20	20	1	20					1				0	1	19	21	2	
AUT	382	SBG	Salzburg Oberndorf	21	19	20		20	18	18	1	21	3	3	20	22		21	4	20	22	10		
AZR	380	FIL	Horta Faial Is						3					1	3			21		4				
BAL	384	ADX	Andraitx for Palma Mallo				2	1	3				3		2			20	2	21				
BEL	371	OKT	Kortrijk Wevelgem						0				22	0	3				4	10				
BEL	375	OO	Oostende						3		2	21	0	14	12	17			4	10				
BIH	370	GAC	Gacko	21	18	19	0	20	0											20	21			
BIH	375	SAR	Sarajevo	21	19	19	20	2	0											23		2		
BIH	383	NA	Banja Luka			20	2		22											20				
CAN	378	HO	Hopedale, NL																	3				
COR	375	CV	Calvi St.Catherine				1		0											23		2		
CZE	372	L	Praha Ruzyne Liboc		18	19	20	19	18											20			21	
DEU	370	PSA	Spessart		18		20	20	22	17			22	1	19	20				2	19			
DEU	371	MYN	Munster Osnabruck					23	18				23	1	21	20				22	10			
DEU	372	NDO	Nordholtz				20	21	18				22	1	12					2	10			
DEU	374	FS	Dresden		19		20	20	18					2						2				
DEU	376	HAN	Hahn		19		21	23	2				0	1	1					23	19		21	
DEU	377	MGB	Monchengladbach						23											10				
DEU	380	FLB	Flensburg Schaferhaus				1		18					3	21					21	10			
DEU	382	FW	Frankfurt Raunheim		20		21	20	22					1	2	20				21	20			
DNK	376	HP	Esbjerg					23	18						2		2			10				
ENG	370	CUL	Culdrose RNAS						3		20		22	1	3			23	4	0				
ENG	378.5	NN	Northampton Sywell						1		0	13	2	14	12	17				3	10			
ENG	383.5	LE	Leicester						1		1	13	3	14	23	18				21				

ESP	380	CAC	Caceres					2				3	1	1	22		21	4	20			
ESP	380	VNV	Villanueva					22				3						4	2		1	
ESP	381	LCZ	Murcia Los Alcazares					3				3					3	1	2			
FIN	370	JR	Varkaus Joroinen					19					2	20			2		21			
FIN	373	KEM	Kemi Tornio				1	23	2			0	1	20			22	0	0			14
FIN	374	S	Mikkeli					1														
FIN	375	FR	Pori Vanhakylä										3	21			2		0			14
FIN	378	D	Kauhava																			14
FIN	381	ESP	Helsinki Espoo		20	21	2	2	23				1	1			2	2	0			15
FIN	382	IJ	Seinajoki					1											0			15
FRA	370	BSV	Besancon La Veze		20		20		2					2				0	22	21	20	
FRA	371	MLX	Morlaix Ploujean						3				13		21		21					
FRA	372	CSM	Castelsarrasin Moissac						3		2			3			19	23	21			2
FRA	372	PY	Le Puy Loudes				20										20	1	20			2
FRA	373	LCT	Le Luc Le Cannet						1								22					21
FRA	373	MP	Cherbourg Maupertus						1			0	14	2	17		3	4	10			
FRA	374	BGC	Bergerac Roumaniere				1					0		3			21	2	20			2
FRA	375	BRG	Bourges						3			0			20		21	23	20			
FRA	376	BS	Bale Mulhouse					0	22													10
FRA	378	LU	Le Luc Le Cannet														0					
FRA	379	EB	St.Etienne Bouthéon				1	3	22								21	1	21			19
FRA	380	HO	Colmar Houssen		21		1		22									23	21			10
FRA	380	RQ	Quimper Pluguffan												22		21					
FRA	382	CAA	Cazaux											3			21					
FRA	383	MAR	Marseille Provence		20		1		2								19	2	0	21	19	
FRA	384	AT	Annecy Meythet		21		2		22					3			19		20	22	19	
FRA	384	PMR	Pamiers Les Pujols				20		20					1	22		19	3	21			
GRC	372	KSO	Kastoria Aristotelis			19	1															
GRC	382	EGN	Athens Central Aegina Is				2		23													
GRL	372	OZN	Prins Christian Sund					2		2			3	1				2	3			
GSY	383	ALD	Alderney				2		1	0	21	3	14	21	17		19	4	10			
HNG	374	BKS	Bekes		19		0	22	22				3	1					1			
HNG	381	R	Budapest Ferihegy		20		1	20	22										22			
HOL	373	NW	Maastricht Beek					2	21			0	1	1				4	10			
HOL	376	WP	Amsterdam Schipol We						2			1	14	12	17			4	10			

HOL	383.5	GUL	Gulpen					1	22				3	3	20		2		4	10			2	
HRV	372	CE	Osijek Cepin	21	18	19	20	19	1					3	2					19				
HRV	378	TRI	Split Trogir	21	19	19			22											23				
IRL	378	KLY	Killiney for Dublin						0	0	13	2	14	12	17	21	2	23	9					
IRL	384	SLG	Sligo						2	0	21	3	1	20	17	2	3	0						
IRN	370	UMH	Uromiyeh		18				21										20					
ISL	373	TN	Thorshofn						2										2					
ISL	375	VM	Vestmannaeyjar						2	0		2	1	22		2	4	2						
ISL	377	GA	Husavik Gardur									2												
ITA	371	LEV	Savigliano Levaldigi					20	1					2			22							
ITA	371	RIV	Rivolto				20	20	19	21				2					20	21	1			
ITA	374.5	ANC	Ancona	21	19	19	20	20	20	20	1		1	19		2	23	0	21		19			
ITA	376.5	ORI	Bergamo Orio al Serio		19	21	21	22	0					0			22	0	21	5	19			
ITA	379	PIS	Pisa	21	19		0	22	22	21		3	3	1	21		21	1	20	6	22			
ITA	379	VEN	Venezia Tessera	19	19		21	22	22					3			21	1	20		21			
ITA	382	GAZ	Gazoldo		19		21	22	22						20		21	1	0	6	20			
MRC	380	CNL	Kenitra										0		22									
NOR	371	BRS	Bremsnes for Kristiansund				0		23				2	0		2	1	0						
NOR	371	HAA	Hamar Stafsberg		20			1	23			23	2	1		2	1	0						
NOR	372	ODR	Kristiansund Odderoy			20	20	21	0	20		23	1	12	20	21	1	1	10					
NOR	374	BL	Forde Bringeland					23	1					1		2		0						
NOR	374	FLV	Bodo Fleinvaer						1			0	2	21				21						
NOR	378	RSY	Stavanger Rennesoy					23								2								
NOR	379	REK	Reksten		19		1	22	21	0		3	1	12	17	21	2	2	10		1			
NOR	380	FLR	Trondheim Flornes				21		1				1			2	0	21			15			
NOR	381	RG	Rygge Tune				1	21	23					1		2		22						
POL	375	CHO	Chociwel	21	19	19	20	20	18	22		0	1	19	20			2	19					
POL	379	KRA	Krakow Balice		19	19	21	20	22				2					1						
POL	383	GDB	Gdansk Rebiechowo		20	21	1	20	18				3				0	0						
POR	371	STR	Sintra									22	1	3	21			2	1					
POR	376	BJA	Beja										1		22		21	4	1					
POR	382	LAR	Arruda						2				1	3			0	4	1					
ROU	370	OTL	Bucharest Otopeni				1	22	18															
ROU	373	D	Tirgu Mures				0	23	22				1	1					19					
ROU	378	TA	Timisoara Giarmata		19		1		22										20					

ROU	378	ZZ	Constanta				2		22											
ROU	384	F	Iasi		20															
RUS	372	BC	Sesha						20											
RUS	380	BW	Moskva Sheremetyevo						1											
SAR	371	CAG	Cagliari Elmas				1	23	1				2			23			21	
SAR	382	ALG	Alghero				2		1							23				
SCT	374	CBN	Cumbernauld						1	0		0	12		21		2	0		
SCT	380	CBL	Campbeltown						1	0		3	14	12	17	21			0	
SCY	373	LPD	Lampedusa				1	1	23			23				23	0	2		
SRB	377	BLC	Blace				1	2	23											
SRB	380	KN	Beograd Krnjesevci	21	19	19	21	22	22				2					20	22	
SUI	375	GLA	Gland for Geneva		20		20	2	22							21	2	20		10
SWE	370	DC	Oskarshamn						19											
SWE	370	L	Lycksele															23		14
SWE	370	OHT	Stockholm Arlanda					23												
SWE	370.5	LB	Angelholm Barkakra		18	19	0	22	18			22	1	22			0	10		
SWE	375	KD	Kristianstad Everod		19		0		18				1					23		
SWE	375	RB	Orebro						1											
SWE	376	LN	Hultsfred		19	21	0	23	18				22					1		
SWE	377	KN	Norrkoping Kungsangen			21	0	21	23				1	23				23		
SWE	377	OL	Lulea Kallax																	14
SWE	377	SM	Mora Siljan					2	0											
SWE	378	OS	Sundsvall Harnosand						23				1					0		14
SWE	380	F	Falkoping						1											
SWE	380	LF	Ronneby Kallinge		19	21	21	20	18									1		
SWE	383	ERK	Erken		20		1		1						2			0		15
SWE	384	NS	Skovde						2									1		
SWE	384	TY	Torsby Fryklanda				2	1	2				1				2	0		
SYR	372.5	KTN	Kariatain		19		0		20									20		
TUR	383.5	ARF	Topel Arifiye		20	21			18											2
XOE	375	TR	Philips Tor E						2	0		0	14	12	22	21		2	10	
XOE	380	ULA	Ula						1				0	12		6		0	21	
XUE	375	SP	(UNID)													22				2
XUE	384	TST	(UNID)				2		18				0				0	21		



NOR	Norway		2	1	5	6	8		2		4	6	7	2	8	2	5	8		1	1
POL	Poland	1	3	3	3	3	3	1			1	3	1	1			2	3			
POR	Portugal						1				1	3	2	2		2	3	3			
ROU	Romania		2		4	2	4					1	1					2			
RUS	Russia (Eu)						2														
SAR	Sardinia				2	1	2						1			2			1		
SCT	Scotland						2		2		2	1	2	1	2		1	2			
SCY	Sicily				1	1	1				1					1	1	1			
SRB	Serbia	1	1	1	2	2	2						1					1	1		
SUI	Switzerland		1		1	1	1									1	1	1		1	
SWE	Sweden		5	4	7	7	13				1	2	6		1		2	10			4
SYR	Syria		1		1		1											1			
TUR	Turkey		1	1			1													1	
XOE	Offshore						2		1		1	2	2	1	2		2	2			
XUE	(UNID)				1		1						1			1	1	1		1	
<b>Cou</b>	<b>Country</b>	<b>AUT pc</b>	<b>CZE fr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU hw</b>	<b>DEU s2</b>	<b>ENG ag</b>	<b>ENG b4</b>	<b>ENG ds</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>ENG tm</b>	<b>FRA ea</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA mr</b>	<b>SUI ps</b>	<b>SWE bn</b>

## LISTENING TIMES:

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

UTC (hh)	AUT pc	CZE fr	CZE jv	CZE my	CZE ze	DEU hw	DEU s2	ENG ag	ENG b4	ENG ds	ENG hh	ENG me	ENG px	ENG tm	FRA ea	FRA jj	HOL rb	ITA mr	SUI ps	SWE bn
00:00 - 00:59				10	1	8		9		11	3	3			3	10	17			
01:00 - 01:59				18	5	22		3		1	24	16			1	10	8		3	
02:00 - 02:59				10	6	14		3		4	6	10		15	2	14	6		9	
03:00 - 03:59					1	8				12	9	10			3	2	2			
04:00 - 04:59																14	1			
05:00 - 05:59																		1		
06:00 - 06:59														1				2		
07:00 - 07:59																				
08:00 - 08:59																				
09:00 - 09:59																	1			

10:00 - 10:59																		17			4	
11:00 - 11:59																						
12:00 - 12:59												11										
13:00 - 13:59									3			1										
14:00 - 14:59												9										6
15:00 - 15:59																						4
16:00 - 16:59																						
17:00 - 17:59								1						9								
18:00 - 18:59		6					16	1						1								
19:00 - 19:59	1	21	11		2	3							3				5		6		5	
20:00 - 20:59		11	3	15	14	4		2	2				6	6			2		18		2	
21:00 - 21:59	10	2	7	9	4	3		2		4			5	3		6	14	2	13	7	3	
22:00 - 22:59					9	21		1			6		3	7		1	4	1	3	3	1	
23:00 - 23:59					10	10					4		2				5	5	6			
<b>UTC (hh)</b>	<b>AUT pc</b>	<b>CZE fr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU hw</b>	<b>DEU s2</b>	<b>ENG ag</b>	<b>ENG b4</b>	<b>ENG ds</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>ENG tm</b>	<b>FRA ea</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA mr</b>	<b>SUI ps</b>	<b>SWE bn</b>		

### NDB COUNTS, BY FREQUENCY:

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

<b>NDBs</b>	<b>kHz</b>	<b>AUT pc</b>	<b>CZE fr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU hw</b>	<b>DEU s2</b>	<b>ENG ag</b>	<b>ENG b4</b>	<b>ENG ds</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>ENG tm</b>	<b>FRA ea</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA mr</b>	<b>SUI ps</b>	<b>SWE bn</b>
10	370	1	4	1	4	4	8	1	1		2	3	4	1	1	1	3	7	2	1	1
1	370.5		1	1	1	1	1				1	1	1				1	1			
9	371		1		3	5	8	1			4	6	8	3	2	3	5	6	2	1	
9	372	1	2	4	6	4	7		3		2	4	5	1	1	3	5	7		3	
1	372.5		1		1		1											1			
7	373				3	4	7				4	4	4	1	1	3	4	6	1		1
8	374	1	3		4	4	7	1	1		3	3	6		2	2	3	7	1	2	
1	374.5	1	1	1	1	1	1	1	1			1	1		1	1	1	1		1	
12	375	2	4	2	5	3	10	1	3	1	5	5	6	4	3	3	6	10		4	1
6	376		2	1	2	4	5				2	3	4	2	1	1	3	5		2	
1	376.5		1	1	1	1	1						1			1	1	1	1	1	



6	377			1	2	3	4				1	1	1					2			1
9	378	1	2	1	2	1	5		1	1	1	1	2	1	2	2	2	1	5		2
1	378.5						1		1	1	1	1	1	1			1	1			
5	379	2	4	1	5	5	5	1	1		2	3	3	2	1	4	4	5	1	4	
14	380	1	3	2	5	2	12		1		3	7	6	4	3	3	6	10	1	2	1
4	381		2	1	3	3	4				1	1	2		2	1	2	4		1	
8	382	1	3	1	4	3	7	1	1	1	1	3	5	2		5	4	5	2	2	1
5	383		3	2	5	1	5		1	1	1	2	1	1	1	2	3	5	1	1	1
3	383.5		1	1		1	3		1	1	2	2	2	1	1		1	2		2	
8	384		2		5	2	7		1	1	2	1	6	2	1	4	4	7	1	1	
<b>NDBs</b>	<b>kHz</b>	<b>AUT pc</b>	<b>CZE fr</b>	<b>CZE jv</b>	<b>CZE my</b>	<b>CZE ze</b>	<b>DEU hw</b>	<b>DEU s2</b>	<b>ENG ag</b>	<b>ENG b4</b>	<b>ENG ds</b>	<b>ENG hh</b>	<b>ENG me</b>	<b>ENG px</b>	<b>ENG tm</b>	<b>FRA ea</b>	<b>FRA jj</b>	<b>HOL rb</b>	<b>ITA mr</b>	<b>SUI ps</b>	<b>SWE bn</b>

## MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

kHz	C/S	Location	Cou	Reporter	UTC
384	F	Iasi	ROU	<b>CZE fr</b>	20:31
370	OHT	Stockholm Arlanda	SWE	<b>CZE ze</b>	23:06
374	S	Mikkeli	FIN	<b>DEU hw</b>	01:15
380	BW	Moskva Sheremetyevo	RUS	<b>DEU hw</b>	01:34
372	BC	Sesha	RUS	<b>DEU hw</b>	20:15
375	RB	Orebro	SWE	<b>DEU hw</b>	01:51
380	F	Falkoping	SWE	<b>DEU hw</b>	01:58
370	DC	Oskarshamn	SWE	<b>DEU hw</b>	19:29
377	GA	Husavik Gardur	ISL	<b>ENG ds</b>	02:57
378	LU	Le Luc Le Cannet	FRA	<b>FRA ea</b>	00:48
378	HO	Hopedale, NL	CAN	<b>HOL rb</b>	03:55
378	D	Kauhava	FIN	<b>SWE bn</b>	14:53
377	OL	Lulea Kallax	SWE	<b>SWE bn</b>	14:56

## 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:** CLE140 370 - 384.9 kHz 25 - 28 Feb 2011  
**NOW:** CLE156 370 - 384.9 kHz 27 - 30 Apr 2012

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
AUT pc		381		4		11		743
DEU s2		401		3		7		618
ENG b4		415		3		7		1232
ENG tm		952		22		23		1868
FRA ea		837		32		38		2380
ITA mr		428		6		13		971
SUI ps		526		14		26		1855
<b>Averages:</b>		563		12		18		1381

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	945	792	62	32	66	40	3578	2788
CZE jv	892	729	37	15	41	21	2318	1360
CZE my	990	880	80	54	81	61	3678	2586
CZE ze	918	805	73	42	79	52	3695	1765
DEU hw	1268	1059	164	114	129	108	7797	3384
ENG ag	818	773	5	13	6	17	2546	2546
ENG ds	1038	889	35	34	34	38	3848	2106
ENG hh	1081	1108	57	58	53	52	2658	2658

ENG me	1280	1135	116	77	91	68	4160	2740
ENG px	1066	819	61	21	57	26	2651	2149
FRA jj	1094	907	77	52	70	57	4098	3016
HOL rb	1161	1109	128	108	110	97	4097	4097
SWE bn	520	289	18	3	35	10	1090	477
<b>Averages:</b>	1005	869	70	48	66	50	3555	2436
<b>% Increase:</b>		-14		-32		-24		-31

Av. km = Average distance from listener to NDB for all their loggings  
Total km = Sum of distances from listener to NDBs for all their loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance from listener to an NDB logged  
(UNIDs are not included)

#### **Explanation:**

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

**The lower table shows statistics for listeners who took part in both the events.  
The bottom lines compare the general conditions found during the two events.**

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

bk 2 May 2012