

NDB LIST 'Barn Door' CLE No. 184 **Wideband listening centred on 360 kHz** **25 July - 28 July 2014**

**COMBINED RESULTS
EUROPE**

For overall statistics, please see the covering email.

Key to background colours:

	1AD single active device with regen.
	Other enhanced homebrew
	Ultralight portable receiver
	'Antique' receiver
	Modern receiver used with 'barn door' settings

Reporters, frequencies used and equipment:

CZE	my	Milos Holy, Lhota pod Radcem 300 - 374.5 (75 kHz)	Sangean ATS 909 bandwidth 7 kHz wide Aerials: Mini-whip and the internal ferrite antenna
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg 281 - 521 (240 kHz)	JRC NRD-545 in AM mode, 5 kHz filter bandwidth and AGC set to off Aerial: 4x4 m ALA100
ENG	ag	Alan Gale, Whitworth, Lancashire 331 - 389 (58 kHz)	AOR AR-7030+ with 5.5 kHz Filter in AM mode - no audio filtering Aerials: Wellbrook ALA100 Loop, Inverted L with Wellbrook UMB
ENG	bk	Brian Keyte, Bookham, Surrey 277 - 433.5 (157 kHz)	1AD BF362 NPN transistor, with regen. (no filter). Aerials: wire fence running N-S and single turn 7m x 25m passive tuned loops.
ENG	me	Mike Thayne, Whitley Bay 316 - 444 (128 kHz)	Eton E5 pocket size portable, bandwidth 7 kHz. No audio filters. Miniwhip PA0RDT circuit at 8m agl.
ENG	px	Peter Greatorex, Bolsover, Derbyshire 267 - 514 (247 kHz)	Super regen trf 1 stage buffer/attenuator 2 stage dual gate mosfet 3 stage audio amp 4 stage 1m 386 audio amp/output. Aerial: Wellbrook loop and PA0RDT miniwhip.
ENG	re	Ray Evans, Bolsover, Derbyshire 277- 433.5 (157 kHz)	AOR 5000 set fixed at 15 kHz wide, no audio filters AM, CW mode(s) Aerial(s): Long wire 50 m long INV L top at 13 mtrs
HOL	rb	Roelof Bakker, Middelburg, Zeeland 277- 433.5 (157 kHz)	Three stages: Regen detector (BC548B), audio pre-amp (BC548B), LM386. Aerial: PA0RDT mini-whip 5 metre up

IRL fo Finbar O'Connor, Malin Head (Trawbreaga Bay)
316 - 431 (115 kHz)

1AD with regen + LM386 stage
Aerials: 120 m and 80 m long Beverage type

SCT ds David Atkins, Tighnabruaich, Argyll
316 - 433 (117 kHz)

Tecsun PL380 ultralight
Aerials: external ferrite rod + inductive coupler for mini-whip with a 12 inch extension to the probe.

SUI ps Peter Schleuss, Winterthur
289 - 492 (203 kHz)

BC-348R with dynamotor producing HV, BFO=OFF, XTL filter=OFF Pilot mode(A2)
Aerial: PA0RDT

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
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

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

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

(e.g. 0 indicates logged between 00:00-00:59).

Cou	kHz	Call	Location	CZE my	DEU je	ENG ag	ENG bk	ENG me	ENG px	ENG re	HOL rb	IRL fo	SCT ds	SUI ps	
AUT	303	RTT	Innsbruck Rattenberg	0										3	
AUT	313	KI	Klagenfurt	0											
AUT	327	LNZ	Linz Horsching	0											22
AUT	358	TUN	Tulln for Schwechat	20											
AUT	374	KFT	Klagenfurt	2											
AUT	382	SBG	Salzburg Oberndorf			21			21		21		1		21
AUT	408	BRK	Wien Schwechat Bruck			21									
AUT	410	SI	Salzburg						21						
AUT	413	KTI	Innsbruck Kühtai										0		21

EST	418	L	Tallinn Ülemiste		21			21	23					
EST	514	GO	Amari Air base						23					
FIN	341	POR	Pori							22				
FIN	350	LAA	Oulu Laanila							22				
FIN	361	LIE	Turku Lieto		21			22	22	0				
FIN	365	VS	Tampere Vesilähti		21									
FIN	373	KEM	Kemi Tornio	1	21			22		22				
FIN	392	GDY	Mariehamn Godby						23			0		
FRA	286.5	TA	Villacoublay Velizy				10							
FRA	289	HR	Hericourt											12
FRA	301	RTN	Romorantin				11							
FRA	315	HOL	Villacoublay Velizy				10							
FRA	317	VS	Valenciennes Denain				13				8			
FRA	320	TY	Troyes Barberey				10							
FRA	321	ABY	Albert Bray	0			10	12		15	8			
FRA	322	TLN	Hyerres Le Palyvestre	0										
FRA	326	LM	Le Mans Arnage				10							
FRA	327	MVC	Merville Calonne				10	12			8			
FRA	331.5	TLF	Toulouse Francazal	1									23	
FRA	332	LL	Lille Lesquin				10				8			
FRA	338	NC	Nice Cote d'Azur	1										
FRA	339	GI	Amiens Glisy								8			
FRA	341	AMB	Amboise				10							
FRA	344	TR	Villefranche Tarare										23	
FRA	346	CH	Chambery Aix les Bains											21
FRA	346	LHO	Le Havre Octeville				10				9			
FRA	347	CVT	Chalons Vatry								9			
FRA	351	DSA	Dieppe St Aubin				10	14			9			
FRA	353	BN	Basle Mulhouse											12
FRA	353	SB	St.Brieuc Armor				10				11			
FRA	354	MTZ	Metz Nancy Lorraine	0								1		
FRA	358	LT	Le Touquet Paris Plage				10				9			
FRA	359	LOR	Lorient Lann Bihoue				10							
FRA	359.5	CDN	Chateaudun	0			10	22	21		9	1	0	

IRL	397	OP	Dublin				11	16	15		0	2	
ISL	316	RE	Reykjaneskoli								1		
ISL	340	GJ	Gjogur								2		
ISL	348	HA	Vopnafjordhur Hofsa								1		
ISL	351	BL	Blonduos								1		
ISL	366	HK	Holmavik								1		
ISL	375	VM	Vestmannaeyjar		0		22				19	0	
ISL	392	KF	Keflavik								0		
ITA	306	PAR	Parma	0									
ITA	318	GEN	Genova Sestri	0									
ITA	323	CAM	Cameri	0									
ITA	324	PTC	Salerno Pontecagnano	0									
ITA	325	RCA	Reggio di Calabria	1									
ITA	332	PDA	Padova	1									
ITA	333.5	VOG	Voghera	1									22
ITA	357.5	FAL	Falconara Marittima	0					22				
ITA	362	BZO	Bolzano	20			22						3
ITA	371	RIV	Rivolto	1									
ITA	374.5	ANC	Ancona	2					21				
ITA	379	PIS	Pisa									1	
ITA	390	AVI	Aviano										22
ITA	400.5	COD	Codogno				21						
ITA	413	BOA	Bologna										21
ITA	440	PIA	Piacenza				22						21
ITA	480	VIB	Viterbo										1
JSY	329	JW	Jersey			10							
LTU	407	PN	Palanga								1		
LUX	307	DIK	Diekirch										0
LUX	346	WLU	Luxembourg	2							0		
MNE	308	MOJ	Mojkovac	0									
NIR	328.5	EGT	Londonderry Eglinton					17			19	23	
NIR	332	OY	Belfast Aldergrove								19	23	
NIR	420	HB	George Best Belfast City				12				0	3	
NOR	267	FNO	Haugesund Foyno					22					

SWE	351	OV	Visby		21			22	21	23		2		
SWE	360	OS	Goteborg Save	0										
SWE	362	NN	Eskilstuna Kjula	0										
SWE	366	KM	Kalmar	1										
SWE	370.5	LB	Angelholm Barkakra	1										
SWE	375	KD	Kristianstad Everod		21									
SWE	380	LF	Ronneby Kallinge		22									
SWE	409	SG	Satenas Tune		22			21		23		1		
SWE	415	OL	Linkoping Saab					21						
SWE	417	AH	Angelholm Barkakra		21			21		21				
SWE	421	MF	Halmstad		21									
SWE	427	LUE	Kramfors Lunde					21						
UKR	334	VI	Verkhnie Vysotske	1										
WLS	320	CAE	Caernarfon					12				19		
WLS	323	WPL	Welshpool					12	19	15				
WLS	340	HAW	Hawarden			0	10	14	21	12		19	23	
WLS	388.5	CDF	Cardiff				11		16	19				
XOE	330	CWP	Captain					14						
XOE	340	HEI	Heidrun	1								2		
XOE	359	BUZ	Buzzard Nexen					11		22			0	
XOE	375	TR	Philips Tor E					11	19	23				
XOE	380	ULA	Ula					11						
XOE	419	RA	Tyra East A					12		23	9			
XOE	420	LGS	Conoco Loggs					12	16		9			
Cou	kHz	Call	Location	CZE my	DEU je	ENG ag	ENG bk	ENG me	ENG px	ENG re	HOL rb	IRL fo	SCT ds	SUI ps

COUNTRIES HEARD:

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

Cou	Country	CZE my	DEU je	ENG ag	ENG bk	ENG me	ENG px	ENG re	HOL rb	IRL fo	SCT ds	SUI ps
AUT	Austria	5	3			2		1		2		6
BEL	Belgium	2	1		8	3	2	4	8			
BIH	Bosnia-Hercegovina	3										
BUL	Bulgaria	1										1
NL	Canada NL		1			1				4		
QC	Canada QC									1		
COR	Corsica	1										
CZE	Czech Rep.	4				1						1
DEU	Germany	15	23	1		3	2	2	3		1	7
DNK	Denmark		5			1						
ENG	England	1		13	39	24	33	37	18	8	7	
ESP	Spain		1								8	
EST	Estonia		2			1	2					
FIN	Finland	1	3			2	2	4		1		
FRA	France	9		1	25	12	3	4	14	6	6	7
FRO	Faroe Is.							1		2	1	
GRL	Greenland			1				1		2	1	
GSY	Guernsey				1			1	1			
HNG	Hungary	6										
HOL	Netherlands		2		1	1			13			
HRV	Croatia	6				1		2				5
IOM	Isle of Man			1				1		1	1	
IRL	Ireland			1		5	3	3		6	7	
ISL	Iceland			1		1				7	1	
ITA	Italy	11				3		2			1	6
JSY	Jersey				1							
LTU	Lithuania									1		
LUX	Luxembourg	1								1		1
MNE	Montenegro	1										
NIR	Northern Ireland					1	1			3	3	
NOR	Norway	5	1	1	1	13	7	9	1	8	3	1
ORK	Orkney Is.					1		1				
POL	Poland	4	1			1						2

08:00 - 08:59							13				
09:00 - 09:59							46				
10:00 - 10:59			44								
11:00 - 11:59			27	25		17					
12:00 - 12:59		6		18		3	1				8
13:00 - 13:59			7			18					
14:00 - 14:59				14							
15:00 - 15:59				1		5					
16:00 - 16:59				4	16	1					
17:00 - 17:59					2	2					
18:00 - 18:59						1					
19:00 - 19:59					6	1		25			
20:00 - 20:59	6	1			5	5					
21:00 - 21:59	4	27			19	21	8				13
22:00 - 22:59		9			15	8	7			3	11
23:00 - 23:59		2			3	4	10			15	
UTC (hh)	CZE my	DEU je	ENG ag	ENG bk	ENG me	ENG px	ENG re	HOL rb	IRL fo	SCT ds	SUI ps

NDB LOGGINGS, BY FREQUENCY

This table shows the number of loggings on each frequency.

kHz	CZE my	DEU je	ENG ag	ENG bk	ENG me	ENG px	ENG re	HOL rb	IRL fo	SCT ds	SUI ps
267						1					
277				1		1	1	1			
281		1									
284		1									
286.5				1							
289											1
290				1							

343	1			1			1				
344	1	1			1					1	
345	2	1		1	1	2	2	1			
345.5	1										
346	1			1	1			1	1		1
347								1		1	
347.5			1		1	1	1				
348	2			1	1				2	1	
349	2		1	1			1		1		
349.5	1		1			1	1		1		
350	2	1			1		2		1		
350.5					1			1			
351	1	1		1	2	1	1	1	2		
351.5	1				1		1				1
352				1	1	3	2	1	1		
352.5								1			
353	1	1		1			1				1
353.5				1		1	1				
354	2								1		
355	3			1	1	1	1	1	1		
355.5	1										
356			1	1	1	1	1	1	2		
357	1	3						1			
357.5	2						1				
358	3	1		1	1	1		1			
359			1	1	1		2		1	2	
359.5	1			1	1	1	1	1	1	1	
360	2				1				1	1	
360.5				1	1		1	1			
361		1			1	1	1		1	1	
362	2				1						1
362.5				1	1	1	1	1			
363					1						
363.5	1		1	1	1	1	1	1			
365	1	1		1	1	1	1	1	1		
366	1	1			1				2	1	
367	2										1
367.5			1	1	1	1	1	1			
368	1	2			2				1	1	
368.5			1		1	1	1		1		
369	3			1	1			2	1		
370	2										1
370.5	1										
371	3						1	1			
372	4	1	1		1		2		1	1	

373	1	1		1	1		1					
374	2				1		1					
374.5	1						1					
375		2	1	1	3	1	2	1	2	1	1	
376			1	1			1	1				
377									1			
378			1		2	1	1		1	1		
378.5				1		1	1					
379			1		1	1	1		1	1		
380		1			1				1	1	1	
382		1			1		1		1		1	
383				1			1	1				
383.5				1		1	1	1				
384					1				1	1		
385			1		1	1	1		1	1		
386			1	1	1	1	1	1				
387		1	1	1	1	1	1	1				
388									1			
388.5				1		1	1	1				
389			1		1		2			2		
390				1					1		1	
391				1	1			1	1			
391.5				1								
392				1		1			2			
393				1	1	1	1					
394		1			1				2	1	1	
395					1		1	1	1	3		
396					1				1			
397				1	1	1	1	2	1	1		
399						1	1		1	1		
399.5				1	1	1	1	1				
400.5					1							
401				1					1	1		
402								1				
402.5				1	1	1	1		1			
404		1		2	2		1	1	2	2		
404.5								1				
406				1	2	1	1	1				
406.5		1			1		1	1				
407									1		1	
408		1										
409		1			1		1		1			
410					1					1		
413									1		2	
413.5		1			1	1						

414			1	2	1	2		1	1		
415				1					1		
417	1		1	2		1	2		1		
418	1		1	2	2		1				
419				1		1	1			1	
420				2	1		1	1	1	1	
421	1		1		1	1	1				
423	1		1	2	1	1	1				
425	1										
426	1		1							1	
427				1							
428									1		
429						1				1	
431				1		1		1	1		
432									1		
433									2	1	
433.5			1	1	1	1	1				
438										2	
440				1						1	
444				1						1	
452	1									1	
468	1									1	
474										1	
477										1	
480										1	
485										1	
488	1									1	
490										1	
492										1	
514					1						
517	1										
521	1										
kHz	CZE my	DEU je	ENG ag	ENG bk	ENG me	ENG px	ENG re	HOL rb	IRL fo	SCT ds	SUI ps

MOBs

'Mine-Only Beacons'

This table is not appropriate as most listeners chose wide frequency ranges.

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: CLE145 Barn Door 29 July - 1 Aug. 2011
 NOW: CLE184 Barn Door 25 July -28 July 2014

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
ENG re		581		50		86		2621
SCT ds		731		40		55		2251
Averages:		656		45		71		2436

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	680	665	42	66	62	100	1571	1888
DEU je	496	527	11	27	22	51	1569	4244
ENG ag	499	495	6	11	13	22	1506	2546
ENG bk	219	219	19	17	86	78	554	902
ENG me	626	688	29	69	46	100	2505	3568
ENG px	116	408	2	25	19	62	229	1740
HOL rb	453	220	28	13	62	60	4044	803
IRL fo	1190	996	119	70	100	70	3524	4110
SUI ps	491	427	18	18	37	42	1352	1293
Averages:	530	516	31	35	50	65	1873	2344

% Increase:		-3	15	31	25
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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
 (any 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 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 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.