NDB LIST 'Barn Door' CLE No. 209 **Wideband listening centred on 360 kHz** **22 - 25 July 2016**

INTERIM COMBINED RESULTS
EUROPE

Key to background colours:

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

Reporters, frequencies used , NDBs heard and equipment:

CZE	**my**	Milos Holy, Lhota pod Radcem 267.5 - 452 kHz	99 NDBs	Sangean ATS 909 bandwidth 6 kHz wide Aerials: Mini-whip and the internal ferrite antenna
DEU	**bd**	Bernhard Hein, Dessau-Rosslau 282 - 392 kHz	12 NDBs	Heathkit GR 78 (about 1970) Aerials: WR-G33DDC, ALA 100 LN 20m loop, ALA 100 20m lp, FLG 100 LN 18m lp
DEU	**je**	Joachim Rabe, Norderstedt, north of Hamburg 284 - 468 kHz	19 NDBs	EKD-500 in AM and 6 kHz bandwidth Aerial: 4x4 m ALA100, 19m HDLA
ENG	**bk**	Brian Keyte, Bookham, Surrey 277 - 433.5 kHz	68 NDBs	1AD BF362 NPN transistor, with regen. (no filter). Aerials: wire fence running N-S and two single turn 7m x 25m passive tuned loops.
ENG	**me**	Mike Thayne, Whitley Bay 316 - 468 kHz	100 NDBs	Eton E5 pocket size portable, bandwidth 10 kHz with BFO. No audio filters. Aerial: Miniwhip PA0RDT circuit at 7m agl.
ENG	**px**	Peter Greatorex, Bolsover, Derbyshire 277 - 444 kHz	62 NDBs	Super regen trf 1 stage buffer/attenuator 2 stage dual gate mosfet 3 stage audio amp 4 stage lm 386 audio amp/output. Aerial: Wellbrook loop and PA0RDT miniwhip.
HOL	**rb**	Roelof Bakker, Middelburg, Zealand 277- 468 kHz	100 NDBs	MOSFET regen detector + audio stage. Aerial: PA0RDT mini-whip
IRL	**fo**	Finbar O'Connor, Malin Head (Trawbreaga Bay) 316 - 433.5 kHz	83 NDBs	1AD with regen + LM386 stage Aerials: 120 m long Beverage

SCT **ds** David Atkins, Tighnabruaich, Argyll
316 - 474 kHz 76 NDBs

Tecsun PL380 ultralight
Aerial: external ferrite rod

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. 19 indicates logged between 19:00-19:59).

Cou	kHz	Call	Location	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
ALB	290	TR	Tirana Rinas	19								
AUT	293	STE	Wien Steinhof	20								
AUT	313	KI	Klagenfurt	22								
AUT	327	LNZ	Linz Horsching		20	20						
AUT	374	KFT	Klagenfurt	0								
AUT	382	SBG	Salzburg Oberndorf		20	20	22	21				
AUT	408	BRK	Wien Schwechat Bruck				22	23	21	22	0	
AUT	410	SI	Salzburg					22				
AUT	420	INN	Innsbruck	20								
AUT	426	GBG	Gleichenberg for Graz			20		22	21			
BEL	290	ONL	Liege Bierset							7		
BEL	293	OB	Brussels National							7		
BEL	314	OZ	Brussels National							7		
BEL	323	ONC	Charleroi Gosselies	23						8		
BEL	352.5	DD	Oostende							9		

BEL	355	ONW	Antwerpen Deurne	21			10			9		
BEL	360.5	MAK	Mackel for Brussels Ntl.				10	16	20	9		
BEL	371	OKT	Kortrijk Wevelgem							9		
BEL	375	OO	Oostende				10		15	10		
BEL	399.5	ONO	Oostende				13	21	15	10		
BEL	402	OP	Brussels National							10		
BIH	340	BLK	Banja Luka	20								
BIH	370	GAC	Gacko					23				
BUL	284	GRN	Gorna Oryahovista.	19					21			
BUL	321	BU	Burgas	23								
BUL	350	DWN	Devnya for Varna	21								
CAN	350	DF	Deer Lake, NL								2	
COR	341	IS	Ajaccio Campo del Oro	20								
COR	375	CV	Calvi St.Catherine	0								
CZE	345.5	CF	Caslav Chotusice.	12					21			
CZE	362	X	Namest nad Oslavou	0								
CZE	372	L	Praha Ruzyne Liboc	12								
CZE	386	RAK	Rakovnik					22				
CZE	416	V	Vodochody	13								
CZE	432	PK	Pardubice Prvek	13				22				
CZE	448	HLV	Holesov	22								
DEU	284	FSB	Fassberg			18						
DEU	299	SL	Berlin Schonefeld		20							
DEU	309	MW	Berlin Schonefeld		18							
DEU	311	CEL	Celle			18						
DEU	311	LMA	Lima Bruggen							7		
DEU	315	PAH	Schwerin Parchim			18						
DEU	318	HIG	Bremen			20						
DEU	321	GL	Berlin Tegel East		18							
DEU	323	GT	Hamburg North			18						
DEU	330	ABU	Altenburg Nobitz		14							
DEU	339	HOS	Hamburg			18						
DEU	340	ZIG	Leipzig		14							
DEU	344	CB	Cochstedt.	20	14							
DEU	344	HN	Hohn			18						

DEU	345	IGL	Ingolstadt	20									
DEU	350	FU	Hamburg West			18							
DEU	352	LAA	Niederrhein Weeze.	0						9			
DEU	353	KIL	Kiel Holtenau			18							
DEU	357	SKZ	Leipzip Halle		14								
DEU	365	LJ	Koln Bonn.							9			
DEU	368	BYC	Buckeburg	0									
DEU	372	NDO	Nordholz			18							
DEU	376	HAN	Hahn		20		22	23		22			
DEU	392	RW	Berlin Tegel West		18								
DEU	394	LYE	Lubeck Blankensee			20							
DEU	406.5	BOT	Bottrop				22	23	21	10			
DEU	413.5	DLS	Berlin Tempelhof Lubars	20				22					
DEU	415	RTB	Nurnberg Rothenbach	22									
DEU	417	LI	Dusseldorf							10			
DEU	452	ANS	Ansbach	22									
DEU	468	FTZ	Fritzlar			20		22		22			
DNK	321	VO	Vojens Skrydstrup			18							
DNK	330	SB	Sonderborg			18							
DNK	357	KD	Kolding Vamdrup	0									
DNK	398	GL	Aalborg	1									
DNK	423	FE	Odense Beldringe										1
ENG	277	CHT	Chiltern				13		15	7			
ENG	316	EPM	Epsom for Heathrow				12		15	7			
ENG	318	BPL	Blackpool						15		13	23	
ENG	321	STM	Scilly Is. St. Marys								2		
ENG	322	LCY	London City				12						
ENG	323	SBL	Sherburn in Elmet					12	15				
ENG	327	TNL	Tatenhill						16				
ENG	328	BLK	Blackbushe				12						
ENG	328	CL	Carlisle					12	15			2	
ENG	331	GST	Gloucestershire						9	22			
ENG	332	SHM	Shoreham				12			9			
ENG	332.5	CAM	Cambridge				13		15	8			
ENG	335	WCO	Westcott				12	10	15	9	13		

ENG	337	WTN	Warton					10	15		13	23	
ENG	338	FNY	Robin Hood Doncaster				12	12	15	9	13		
ENG	339	BIA	Bournemouth				13						
ENG	340	LSH	Lashenden Headcorn				12			9			
ENG	342.5	NWI	Norwich				12	12	15	9	13		
ENG	343	YVL	Yeovil						10				
ENG	345	LUT	London Luton				12		15	9			
ENG	347	NQY	Newquay								2		
ENG	347.5	TD	Teesside					12	15				
ENG	348	FOS	Fairoaks				12		10				
ENG	349.5	LPL	Liverpool						15		13		
ENG	352	NT	Newcastle					12			13		
ENG	352	WOD	Woodley				12		15	9			
ENG	353.5	EME	East Midlands				10		15	19	13		
ENG	356	WBA	Wolverhampton				12		15	9	13	0	
ENG	362.5	SND	Southend on Sea				12		20	9			
ENG	363.5	CT	Coventry				12		20				
ENG	365	KIM	Humberside.					14	20		1		
ENG	367.5	OX	Oxford Kidlington				12		15	9	2		
ENG	368.5	WHI	Whitegate for Hawarden						15		13		
ENG	369	RCH	Rochester				12			9			
ENG	370	CUL	Culdrose RNAS								1	3	
ENG	378.5	NN	Northampton Sywell				12		15				
ENG	383.5	LE	Leicester						15				
ENG	385	WL	Barrow Walney Is					15			13	0	
ENG	386	BZ	Brize Norton				12	23	15	10			
ENG	391.5	EAS	Southampton Eastleigh				13						
ENG	393	EMW	East Midlands						15				
ENG	397	LZD	Lydd				12			10			
ENG	402.5	LBA	Leeds Bradford				13	12	15	19	0		
ENG	406	BHX	Birmingham				12		15	10	14		
ENG	414	BRI	Bristol Filton						20	19	14		
ENG	421	BUR	Burnham				12		15	10			
ENG	423	CWL	Cranwell				12	19	15	10			
ENG	426	SH	Shobdon								0	1	

ENG	433.5	HEN	Henton				12		15	10	0	
ESP	335	TON	Torralba de Aragon									3
ESP	404	LRD	Lerida	22							0	1
ESP	410	C	La Coruna								0	1
EST	317	OZ	Kardla	23								
FIN	346	MI	Mikkeli Korpikoski	0								
FIN	373	KEM	Kemi Tornio							22		
FIN	388	KRU	Kronoby Kruunupyy					23				
FIN	398	ESS	Kruunupyy Kronoby					23				
FRA	286.5	TA	Villacoublay Velizy							7		
FRA	315	HOL	Villacoublay Velizy	23			12			7		
FRA	317	VS	Valenciennes Denain							7		
FRA	318	BE	Bordeaux Merignac								2	
FRA	320	TY	Troyes Barberey							8		
FRA	321	ABY	Albert Bray				12		15	8		
FRA	322	RL	La Rochelle								2	23
FRA	322	TLN	Hyeres Le Palyvestre	23								
FRA	327	MVC	Merville Calonne				12	12	15	8		
FRA	331	TUR	Tours Val de Loire				22					
FRA	332	LL	Lille Lesquin							8		
FRA	338	GU	Brest Guipavas									2
FRA	339	GI	Amiens Glisy				12			9		
FRA	346	LHO	Le Havre Octeville				12			9		3
FRA	347	CVT	Chalons Vatry							9		3
FRA	351	DSA	Dieppe St Aubin				12			9		
FRA	351	OSA	Ouessant									0
FRA	353	SB	St.Brieuc Armor				12			9		
FRA	354	MTZ	Metz Nancy Lorraine	21								
FRA	357	LP	Cholet Le Pontreau								2	
FRA	358	LT	Le Touquet Paris Plage				12			9		
FRA	358	RNN	Roanne Renaison								2	
FRA	361	NB	Bordeaux Merignac								2	
FRA	363	PI	Poitiers Biard								0	
FRA	364	PU	Pau Pyrenees									0
FRA	367	VAT	Chalons Vatry.								1	

FRA	369	GL	Nantes Atlantique								2	3
FRA	370	BSV	Besancon La Veze	0				23				
FRA	373	MP	Cherbourg Maupertus				12			19		
FRA	374	BGC	Bergerac Roumaniere								1	
FRA	379	EB	St.Etienne Bouthéon									3
FRA	380	HO	Colmar Houssen	0								
FRA	383	MAR	Marseille Provence	0								
FRA	385	OAN	Orleans Bricy				13			19		
FRA	387	ING	St. Inglevert				12		15	10		
FRA	388	BR	Lyon Bron									3
FRA	389	PX	Perigueux Bassillac									3
FRA	390	DR	Dinard Pleurtuit St Malo				12				0	
FRA	391	BV	Beauvais Tillé				22			10	0	
FRA	393	BD	Bordeaux Merignac								0	
FRA	398	MT	St. Nazaire Montoir								0	
FRA	400	AG	Agen La Garenne								0	1
FRA	401	LA	Laval Entrammes				22					
FRA	404	AGO	Angouleme								0	1
FRA	404	CNE	Caen Carpiquet				13					
FRA	404	MRV	Merville Calonne							10		
FRA	406	TW	Toulouse Blagnac									1
FRA	410	ETN	Etain Rouvres	22							0	
FRA	412	SE	Strasbourg Entzheim								0	
FRA	415	TOE	Toulouse Blagnac									1
FRA	417	AX	Auxerre Branches							22		3
FRA	418	MK	Calais Dunkerque				12		15	10		1
FRA	423	TS	Toulouse Blagnac									1
FRA	427	RY	Royan Medis								0	
FRA	428	BST	Lanveoc Poulmic								0	
FRA	428	CTX	Chateauroux Déols								0	1
FRA	430	SN	St. Yan									1
FRA	434	MV	Melun Villaroche							19		1
FRO	337	MY	Myggenaes	23				0		22	13	23
GSY	383	ALD	Alderney				13	23		10	1	0
HOL	326	LLS	Lelystad							8		

HOL	332	NV	Amsterdam Schiphol							8		
HOL	350.5	ROT	Rotterdam							9		
HOL	357	VZ	Eelde Groningen							9		
HOL	369	PS	Rotterdam Locator							9		
HOL	373	NW	Maastricht Beek							10		
HOL	383.5	GUL	Gulpen							10		
HOL	386	STD	Stad aan het Haringvliet							10		
HOL	388.5	CH	Amsterdam Schiphol							10		
HOL	395	OA	Amsterdam Schiphol							10		
HOL	397	EHN	Eindhoven							10		
HOL	404.5	RR	Rotterdam Locator							10		
HRV	289	RI	Rijeka Krk	0								
HRV	367	ZAG	Zagreb		20	20		21	21			
HRV	372	CE	Osijek Cepin					23				
HRV	412	HUM	Humac	22								
HRV	422	OSJ	Osijek	20								
HRV	424	PIS	Zagreb Pisarovina	20				22		19		
HRV	429	LOS	Losinj					22				
HRV	433	CRE	Cres	21				22				
HRV	438	KO	Rijeka Krk Kozala	22				22				
IOM	359	RWY	Ronaldsway						20		13	0
IRL	316	OE	Dublin	22				12	16		13	23
IRL	334	GMN	Gormanston						15		13	23
IRL	361	CFN	Donegal Carrickfin					22			13	0
IRL	364	KNK	Connaught Knock								13	
IRL	368	WTD	Waterford					23			13	
IRL	378	KLY	Killiney for Dublin					23	15		13	0
IRL	384	SLG	Sligo					23			13	0
IRL	387	CML	Clonmel								13	
IRL	395	FOY	Foynes for Shannon					23			0	1
IRL	397	OP	Dublin	1				19	15		13	1
ISL	375	VM	Vestmannaeyjar								13	0
ITA	333.5	VOG	Voghera (PV)					0				
ITA	357.5	FAL	Falconara Marittima (AN)	0				21				
ITA	374.5	ANC	Ancona (AN)	0				21				

ITA	386	LNE	Milano Linate (MI)					23					
ITA	390	AVI	Aviano (PN)	1									
ITA	408	CHI	Chioggia (VE)	22									
ITA	440	PIA	Piacenza (PC)	22				0					
JSY	329	JW	Jersey				13						
LTU	343	KUS	Kaunas Karmelava	20									
LUX	307	DIK	Diekirch							10			
LUX	404	LW	Luxembourg				22			19			
MKD	295	PT	Skopje	20									
MLT	395	MLT	Malta	1									
MNE	302	NIK	Niksic	0									
MNE	308	MOJ	Mojkovac	20									
NIR	328.5	EGT	Londonderry Eglinton								13	23	
NIR	332	OY	Belfast Aldergrove								13	23	
NIR	420	HB	George Best Belfast City								14	1	
NOR	319	VAR	Stavanger Sola.	23			6	12	15	8		23	
NOR	329	NMS	Namsos	23									
NOR	342	LL	Leirin Fagernes	0			22	0				0	
NOR	348	SAD	Leknes Sandsund							22			
NOR	349	TAR	Orland Tarva					0		22		0	
NOR	358	GRK	Trondheim Grakallen	0									
NOR	360	ASK	Bergen Askoey					22					
NOR	360	ULV	Bronnoysund Ulvingen									0	
NOR	366	UTH	Orland Uthaug	0				22		22		0	
NOR	371	HAA	Hamar Stafsberg	0									
NOR	372	ODR	Kristiansund Odderoy	0			22	23		22	1		
NOR	378	RSY	Stavanger Rennesoy	1								0	
NOR	379	REK	Reksten	0			22	12		22		0	
NOR	389	HN	Orsta Volda Hovden	1				23					
NOR	393	TAT	Molde Tautra	1				23					
NOR	401	RBU	Roros Rambu	1									
NOR	404	VNG	Vangsnes					23				1	
NOR	414	HD	Sandnessjoen Hestad					23		22		1	
POL	375	CHO	Chociwel			20							
POL	385	NWT	Leczyca (miskeys 'NJ')					22					

POL	388	BDG	Bydgoszcz Szwederowo	1									
POL	444	NRD	Inowroclaw	22				0	20	22		1	
POL	474	BIA	Rzeszow Jasionka									1	
POR	382	LAR	Arruda				22						
POR	389	CP	Lisbon Caparica				22				0		
ROU	267.5	OPW	Bucuresti Otopeni	22									
ROU	318	OTR	Bucharest Otopeni	23									
ROU	351	ISI	Iasi	0									
ROU	381	SIB	Sibiu Turnisor	0									
SCT	316	BRR	Barra								13	23	
SCT	331	GLW	Glasgow					10			13	23	
SCT	341	EDN	Edinburgh					10			13	0	
SCT	344	WCK	Wick					10				3	
SCT	348	ATF	Aberdeen Dyce					12					
SCT	355	PIK	Prestwick					10			13	0	
SCT	368	UW	Edinburgh					16			13		
SCT	380	CBL	Campbeltown								13	0	
SCT	394	DND	Dundee	1				12			13	1	
SCT	395	LAY	Islay								13	1	
SCT	399	NGY	New Galloway					12			13	1	
SCT	401	BBA	Benbecula					23			13	0	
SCT	404	OBN	Oban North Connell								13	1	
SCT	431	SAY	Stornoway								16	1	
SRB	294	VRA	Vrsac	0									
SRB	348	TPL	Topola	21									
SRB	416	POZ	Belgrade Pozarevac					21	21				
SUI	335	BER	Bern Belp	20									
SUI	375	GLA	Gland for Geneva					23					
SVK	310	DBV	Dubove	22									
SVK	330	OB	Bratislava Stefanik South	23									
SVN	296	MG	Ljubljana Brnik	20									
SVN	334	MR	Maribor	20									
SWE	285	LCF	Linköping Malmen	0									
SWE	300	SC	Linkoping Malmen	23									
SWE	324	ON	Norrkoping Saab	23				0					

SWE	325	PG	Trollhattan Vanersborg	23									
SWE	329	VX	Vaxjo Kronoberg					23					
SWE	338	OA	Jonkoping	23									
SWE	346	GS	Gavle Sandviken					0					
SWE	351	OV	Visby				22	0	21	22	2		
SWE	360	OS	Goteborg Save	0				22					
SWE	363	OEM	Kristianstad Everod	0				23					
SWE	364	NW	Stockholm Skavsta	0									
SWE	370.5	LB	Angelholm Barkakra	0				23			1		
SWE	378	OS	Sundsvall Harnosand	1									
SWE	383	ERK	Erken					23					
SWE	384	TY	Torsby Fryklanda	1									
SWE	388	COR	Corner for Bromma					22					
SWE	397	LM	Borlange	1									
SWE	398	PEO	Stockholm Skavsta					22					
SWE	399	FM	Trollhattan Vanersborg	1									
SWE	400	EN	Orebro	1									
SWE	402	TH	Torsby	1									
SWE	409	SG	Satenas Tune					23	21	22		1	
SWE	415	OL	Linkoping Saab					23					
SWE	417	AH	Angelholm Barkakra					22	21	22	0		
SWE	417	R	Gavle Sandviken					23					
SWE	419	RD	Vasteras Hasslo					0				1	
SWE	421	MF	Halmstad									1	
WLS	340	HAW	Hawarden				6	10	15	22	13	2	
WLS	388.5	CDF	Cardiff				12			10	13	0	
XOE	326	YW	Tyra West					13		8		23	
XOE	331	JDY	Philips Judy					16					
XOE	340	ARN	Alba Northern/Chevron					20					
XOE	353	OBA	Oseberg A	0									
XOE	359	BUZ	Buzzard Nexen					14					
XOE	367	JME	Jasmine Wellhead				12	12		9	13	0	
XOE	374	CPR	Clipper				13	12	15	10			
XOE	375	EKO	Ekofist L					12				0	
XOE	380	ULA	Ula BP					10					

Cou	kHz	Call	Location	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
XOE	419	RA	Tyra East A					12		10		
XOE	420	LGS	Conoco Loggs					13	20	10		
XUE	357	MTG	(UNID)								2	

COUNTRIES HEARD:

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

Cou	Country	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
ALB	Albania	1								
AUT	Austria	4	2	3	2	4	2	1	1	
BEL	Belgium	2			4	2	3	11		
BIH	Bosnia-Hercegovina	1				1				
BUL	Bulgaria	3					1			
CAN	Canada NL								1	
COR	Corsica	2								
CZE	Czech Rep.	6				2	1			
DEU	Germany	7	9	12	2	4	1	7		
DNK	Denmark	2		2						1
ENG	England				29	13	35	24	21	7
ESP	Spain	1							2	3
EST	Estonia	1								
FIN	Finland	1				2		1		
FRA	France	7			17	2	4	21	20	20
FRO	Faroe Is.	1				1		1	1	1
GSY	Guernsey				1	1		1	1	1
HOL	Netherlands							12		
HRV	Croatia	6	1	1		6	1	1		
IOM	Isle of Man						1		1	1
IRL	Ireland	2				7	4		10	7
ISL	Iceland								1	1

ITA	Italy	5				5				
JSY	Jersey				1					
LTU	Lithuania	1								
LUX	Luxembourg				1			2		
MKD	Macedonia	1								
MLT	Malta	1								
MNE	Montenegro	2								
NIR	Northern Ireland								3	3
NOR	Norway	12			4	11	1	7	1	9
POL	Poland	2		1		2	1	1		2
POR	Portugal				2				1	
ROU	Romania	4								
SCT	Scotland	1				9			12	12
SRB	Serbia	2				1	1			
SUI	Switzerland	1				1				
SVK	Slovakia	2								
SVN	Slovenia	2								
SWE	Sweden	15			1	15	3	3	3	3
WLS	Wales				2	1	1	2	2	2
XOE	Offshore - Europe	1			2	10	2	5	1	3
XUE	UNID								1	
Cou	Country	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds

LISTENING TIMES:

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

UTC (hh)	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
00:00 - 00:59	29				10			21	23
01:00 - 01:59	16							7	28
02:00 - 02:59								12	3
03:00 - 03:59									10

04:00 - 04:59									
05:00 - 05:59									
06:00 - 06:59				2					
07:00 - 07:59							9		
08:00 - 08:59							10		
09:00 - 09:59						1	27		
10:00 - 10:59				4	8	2	28		
11:00 - 11:59									
12:00 - 12:59	2			37	18				
13:00 - 13:59	2			11	2			39	
14:00 - 14:59		4			2			3	
15:00 - 15:59					1	39			
16:00 - 16:59					3	2		1	
18:00 - 18:59		3	11						
19:00 - 19:59	2				2		8		
20:00 - 20:59	15	5	8		1	8			
21:00 - 21:59	5				6	10			
22:00 - 22:59	14			14	18		18		
23:00 - 23:59	14				29				12
UTC (hh)	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
NDBs:	99	12	19	68	100	62	100	83	76

NDB LOGGINGS, BY FREQUENCY

This table shows the number of loggings on each frequency.

kHz	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
267.5	**1**								
277				**1**		**1**	**1**		
284	**1**		**1**			**1**			
285	**1**								
286.5							**1**		

289	1								
290	1						1		
293	1						1		
294	1								
295	1								
296	1								
299		1							
300	1								
302	1								
307							1		
308	1								
309		1							
310	1								
311			1				1		
313	1								
314							1		
315	1		1	1			1		
316	1			1	1	2	1	2	2
317	1						1		
318	1		1			1		2	1
319	1			1	1	1	1		1
320							1		
321	1	1	1	1		1	1	1	
322	1			1				1	1
323	1		1		1	1	1		
324	1				1				
325	1								
326					1		2		1
327		1	1	1	1	2	1		
328				1	1	1			1
328.5								1	1
329	1			1	1				
330	1	1	1						
331				1	2	1	1	1	1
332				1			3	1	1
332.5				1		1	1		
333.5					1				
334	1					1		1	1
335	1			1	1	1	1	1	1
337	1				2	1	1	2	2
338	1			1	1	1	1	1	1
339			1	2			1		
340	1	1		2	2	1	2	1	1
341	1				1			1	1
342	1			1	1				1
342.5				1	1	1	1	1	

343	1					1			
344	1	1	1		1				1
345	1			1		1	1		
345.5	1					1			
346	1			1	1		1		1
347							1	1	1
347.5					1	1			
348	1			1	1	1	1		
349					1		1		1
349.5						1		1	
350	1		1					1	
350.5							1		
351	1			2	1	1	2	1	1
352	1			1	1	1	2	1	
352.5							1		
353	1		1	1			1		
353.5				1		1	1	1	
354	1								
355	1			1	1		1	1	1
356				1		1	1	1	1
357	1	1					1	2	
357.5	1				1				
358	1			1			1	1	
359					1	1		1	1
360	1				2				1
360.5				1	1	1	1		
361					1			2	1
362	1								
362.5				1		1	1		
363	1				1			1	
363.5				1		1			
364	1							1	1
365					1	1	1	1	
366	1				1		1		1
367		1	1	1	2	1	1	2	1
367.5				1		1	1	1	
368	1				2			2	
368.5						1		1	
369				1			2	1	1
370	1				2			1	1
370.5	1				1			1	
371	1						1		
372	2		1	1	2		1	1	
373				1			3		
374	1			1	1	1	1	1	
374.5	1				1				

375	1		1	1	2	1	1	1	2
376		1		1	1		1		
378	2				1	1		1	2
378.5				1		1			
379	1			1	1		1		2
380	1				1			1	1
381	1								
382		1	1	2	1				
383	1			1	2		1	1	1
383.5						1	1		
384	1				1			1	1
385				1	2		1	1	1
386				1	3	1	2		
387				1		1	1	1	
388	1				2				1
388.5				1			2	1	1
389	1			1	1			1	1
390	1			1				1	
391				1			1	1	
391.5				1					
392		1							
393	1				1	1		1	
394	1		1		1			1	1
395	1				1		1	2	2
397	2			1	1	1	2	1	1
398	1				2			1	
399	1				1			1	1
399.5				1	1	1	1		
400	1							1	1
401	1			1	1			1	1
402	1						1		
402.5				1	1	1	1	1	
404	1			2	1		2	3	4
404.5							1		
406				1		1	1	1	1
406.5				1	1	1	1		
408	1			1	1	1	1	1	
409					1	1	1		1
410	1				1			2	1
412	1							1	
413.5	1				1				
414					1	1	2	1	1
415	1				1				1
416	1				1	1			
417					2	1	3	1	1
418				1		1	1		1

kHz	CZE my	DEU bd	DEU je	ENG bk	ENG me	ENG px	HOL rb	IRL fo	SCT ds
419					2		1		1
420	1				1	1	1	1	1
421				1		1	1		1
422	1								
423				1	1	1	1		2
424	1				1		1		
426			1		1	1		1	1
427								1	
428								2	1
429					1				
430									1
431								1	1
432	1				1				
433	1				1				
433.5				1		1	1	1	
434							1		1
438	1				1				
440	1				1				
444	1				1	1	1		1
448	1								
452	1								
468			1		1		1		
474									1

MOBs **'Mine-Only Beacons'** *This table is not appropriate as most listeners chose a wide frequency range.*

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: CLE184 Barn Door 25 July - 28 July 2014

NOW: CLE209 Barn Door 22 July - 25 July 2016

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
DEU bd		221		3		12		724
Averages:		221		3		12		724

s

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	665	837	66	83	100	99	1888	1886
DEU je	527	256	27	5	51	19	4244	977
ENG bk	219	339	17	23	78	68	902	1565
ENG me	688	815	69	82	100	100	3568	1980
ENG px	408	406	25	25	62	62	1740	2268
HOL rb	220	398	13	40	60	100	803	1985
IRL fo	996	691	70	57	70	82	4110	3406
SCT ds	731	753	40	57	55	76	2251	1927
Averages:	557	562	41	46	72	76	2438	1999
% Increase:		1		13		5		-18

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.