NDB LIST CLE No. 230 240 - 259,9 kHz / 420 - 439,9 kHz 23.03.2018 - 26.03.2018

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

CZE	lk	Ludek Kosek, Jablonec nad Nisou, N. Bohemia
CZE	ms	Miroslav Sperlin, Olomouc
CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	bd	Bernhard Hein, Dessau-Roßlau
DEU	h4	Hubert Ott (DEU), via KiwiSDR at DL2SBA
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	ag	Alan Gale, Whitworth, Lancashire
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	br	Brian Martlew, Birchwood, Warrington
ENG	bs	Brian Russell, Runcorn
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	me	Mike Thayne, Whitley Bay
ENG	mt	Mike Trodd, Yapton, near Arundel, W Sussex
ENG	px	Peter Greatorex, Bolsover, Derbyshire
ENG	yk	Dave Robson, York
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA	pn	Dryden Phillipson, Neffies
HOL	rb	Roelof Bakker, Middelburg, Zealand
ITA	ed	Edoardo Nicoletti, Bari
ITA	wb	William G Buchanan, Alessandria
POL	ls	Leslaw Sieron, Near Lodz
SCT	ds	David Atkins, Tighnabruaich, Argyll

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 - replace the 'at' by an @ symbol)

Beacons Heard

Beacons are shown in kHz order within each country
The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.
(e.g. 01 indicates logged between 01:00-01:59 UTC).

Cou, S/P	QRG	ID	Name	CZE lk	CZE ms	CZE my	CZE ze	DEU bd	DEU h4	DEU hw	DEU je	ENG ag	ENG bk	ENG br	ENG bs	ENG hh	ENG me	ENG mt	ENG px	ENG yk	FIN ro	FRA pn	HOL rb	ITA ed	ITA wb	POL ls	SCT ds
ALG	423.0	BJA	Bejaia / Soummam		21	02	00	00		00	23					23							21				
ALG	432.0	HMB	Hammam Bou Hadjar for Oran			01	01									22						01	00				
ALG	435.0	IGZ	In Guezzam		23					00													02				
AUT	420.0	INN	Innsbruck	23	16	20	18	18	18	17	20		23	00		18	20	20	20	02	19		18	19	18	17	23
AUT	426.0	GBG	Gleichenberg for Graz	23	11	12	19	22	18	17	19		20	00		18	22	21	20	02	18	23	19	18	18	18	20
AZR	420.0	PI	Madalena / Pico Island													00											
AZR	428.0	GC	Santa Cruz de Graciosa															23					03				
BIH	425.0	DNC	Mostar	23	18	21	20	22	20	17	20		00			19	03	22				22	18	17	18	18	
BLR	247.0	GM	Gomel							18																	
BLR	247.0	MV	Gomel		20	03				18																	
CYP	435.0	GKE	Gecitkale / Gazimagosa International							01							20										
CZE	258.0	N	Ostrava / Mosnov / Nada	00	11	22	22		19	21	21		23			00		23		20	22		19			23	20
CZE	422.0	UR	Hradec Kralove / Upir		08																						
CZE	429.0	B	Brno / Turany / Borek		11	21	19	18		21	21		20			18					20		19			18	
CZE	432.0	PK	Pardubice / Prvek	23	11	12	19	18	18	21	20		23	20		19	23	21	21	02	18	22	20	19	01	00	00
CZE	434.0	KNE	Kunovice	23	11	22	21	19	18	01	20			19		19		21	21		21		23			00	00

CZE	438.0	K	Praha Kbely / Kalda	23	11	12	19	00	18	01	20					19		21	21				20			00	
DEU	425.0	ERT	Erfurt	20	17	12	14	13	19	17	21		22	19		18	03	21	20	02	19		18			18	23
DEU	426.0	MIQ	Mike for Ingolstadt	22	16	12	14	13	18	17	20			19		19	03		20	18	19	01	19		00	23	23
DEU	427.0	BRU	Braunschweig		19		16	13		21	03					00	03						18			18	
DEU	429.0	OBI	Oberpfaffenhofen		23	20	19	18	18	21	01					23							19			18	
DEU	431.0	KBA	Karlsruhe / Baden Baden		19	21	19	22	18	21	21		23			22		21	20	19			19		23	00	00
DNK	423.0	FE	Odense / Beldringe	00	19	21	19	13	19	02	21	00	22	00		18	22	20	20	02		00	11	20		17	20
ENG	421.0	BUR	Burnham		02		00		18	02	02	00	12	00	21	13	16	20	12	18			11				23
ENG	423.0	CWL	Cranwell		00	03	00					00	12	14	22	13	03	10	12	02			11				20
ENG	426.0	SH	Shobdon		03					01	22	00	12	14		13		21	12	02			19				20
ENG	433.5	HEN	Henton		02	03	01	18		01	20	00	12	20		13	20	21	17	02			20			00	00
ESP	420.0	SPP	Sevilla / San Pablo		03									00		22		20		21		00	20				20
ESP	421.0	GE	Madrid / Grinon		23	01	20	22		23	21		20	00		18	22	20	20	02		21	18			22	20
ESP	422.0	PAM	Pamplona		23		21	22		23			20	00		22	22	20	20	23		00	19		00		20
ESP	424.0	RUS	Reus		23	21	00			23	22		23			22		21		23			20		00		23
ESP	433.0	JER	Jerez		01					00	00		23	01		22		21	19			22	20				00
ESP	433.0	VON	Vigo		02			00		01			20	01		19	20	21	21	02		23	19				00
EST	432.0	G	Amari		21	03				22	21		20	01		00					17		00			00	
FIN	432.0	AKU	Ivalo / Akujarvi		02	02				22											19		20			19	
FRA	420.0	LMT	Auch / Lamothe																				04				
FRA	423.0	TS	Toulouse / Blagnac		23	20	23	00		00	00					23		22				21	18		00	23	23
FRA	424.0	LOE	Limoges / Bellegarde		00	01	02	01		23	22		20			22		20	20	23		22	18				20
FRA	424.0	PHG	Phalsbourg / Bourscheid	22	21	20	19	18	19	17	21	00	20	00		18	22	20	20	02	22	22	18		18	18	23
FRA	426.0	CTS	Castets		02	02	00			02	22		20			22	03	21	20	21		21	18		00		23
FRA	427.0	RY	Royan / Medis		01	02	21	22	20	21	21	00	17	19		22	03	21	20	18		21	19		00	22	23
FRA	428.0	BST	Lanveoc / Poulmic							21	21		12			13	03	21		21							23
FRA	428.0	CTX	Chateauroux / Deols		01	03	19	18	20	21	21		20			19	03	21	20	19		21			00	22	23
FRA	428.0	MUS	Nice / Cote d'Azur		17	21	02	22	20	21	03					23		21				21	19		01	18	
FRA	430.0	SN	St Yan	23	17	21	19	18	18	21	21	00	20	00		19	01	21	21	02	22	22	19	20	00	00	23
FRA	432.0	PRD	Peyrehorade		02	02	01	01		02	00	00	20	01		00		21	21			22	19				00
FRA	434.0	MV	Melun / Villaroche		21	22	19	18	18	01	21	00	12	20		19	20	10	21	02	22	22	11		01	00	00
GEO	430.0	LU	Batumi		17	03	20			21			23	00		22		22					20	19		00	
GRC	422.0	ATL	Astypalaia		20																						
HNG	420.0	HM	Budapest / Ferihegy																	23							
HNG	422.0	O	Szolnok / Opera		09																					17	
HNG	430.0	BUG	Bugac	23	13	21	19	18	20	21	20		23	01		19	22	21	21	02	21	01	19	18	01	00	00
HNG	436.0	SME	Sarmellek / Balaton	23	11	22	19	18	18	01	20		23	19		19	22	22	21	02		22	20	19	01	00	
HRV	420.0	GS	Pula		18	20	18	18	18	18	22		23			23	20	01	21	23			20		11	22	00
HRV	421.0	SAL	Zadar / Sali		18	01	20			17	00					23							00			18	
HRV	422.0	OSJ	Osijek	23	11	20	18	18	18	17	20			00		18	22	22	21	02	19		18	19	00	18	23
HRV	424.0	PIS	Zagreb / Pleso / Pisarovina	23	12	20	19	18	19	17	20		23	00		18	22	20	20	02	20	21	18	17	17	18	23
HRV	429.0	LOS	Losinj	23	17	21	19	18	18	21	21		23	00		00	22	22	21	02	22	23	19	18	00	18	00
HRV	433.0	CRE	Cres	23	17	22	19	18	18	22	21		23	20		19	22	21	21	02	21	23	19	17	11	00	00
HRV	438.0	KO	Rijeka / Krk / Kozala	23	17	22	19	18	18	01	20	00	22	19		19	21	22	21	02	21	22	20	19	18	00	00
IRN	245.0	GSN	Gach Saran							21																	
ITA	420.0	ABN	Albenga (SV)								22												04		11		
ITA	421.0	FN	Fiumicino (RM)	23	18	20	18	22	19	17	22					18	03	20	20		22		18	19	18	18	
ITA	423.0	FOR	Forli (FC)	20	17	21	18	18	19	17	21			00		18	22			18	22	00	18	19	17	18	23
ITA	425.0	MMP	Gallarate / Malpensa (VA)	22	03	02	21	22	19	22	22					18	03	21	20	21		00	18		11	23	00
ITA	426.0	SOR	Sorrento (NA)		22	01	18			23						00	03	21					19				
MKD	432.0	IZD	Ohrid / Izdeglavlje		17	22	19	18		21	22					02						00	23	17	00	00	
MNE	420.0	GO	Podgorica		18	22	20	18	19	18						23							18		18	18	
NIR	420.0	HB	George Best Belfast City Airport		00	03	02			04	00	00	22	14	21	13	20	20	12	02			20			23	12
NOR	258.5	MO	Molde / Aro							21	00		01			01			22				21				21
POL	436.0	S	Darlowo					05		06													05				
POL	437.0	NP	Tomaszow-Mazowiecki / Porter	23	17	22	19	18		01	21	00		01		19		21	21	02	22	23	20			00	
POR	425.0	EVR	Evora								01	00	20	00		22	03	21	20	21		21	21				20
POR	426.0	CB	Coimbra							01				00		23							04				
ROU	256.0	BSE	Baneasa Southeast		20	03	22			21	03															23	
ROU	426.0	BC	Bacau		16	21	19		18	17						18					19		18				
ROU	428.0	TGM	Targu Mures / Vidrasau	23	17	21	19	18	20	21	21			19		18	22	21	21	02	18		18	18	00	18	23
RUS	245.0	NG	Nizhny Novgorod / Strigino							22																	
RUS	420.0	ShF	Michurinsk		18	20				19	01																
RUS	430.0	AJ	Staritza		17	03	20	01		21	23			00		22					17		19			00	
RUS	430.0	MB	Chemukha		21																						
RUS	433.0	MI	Ermolino							02																	

Cou, S/P	QRG	ID	Name	CZE lk	CZE ms	CZE my	CZE ze	DEU bd	DEU h4	DEU hw	DEU je	ENG ag	ENG bk	ENG br	ENG bs	ENG hh	ENG me	ENG mt	ENG px	ENG yk	FIN ro	FRA pn	HOL rb	ITA ed	ITA wb	POL ls	SCT ds
RUS	433.0	BO	Ermolino							18																	
RUS	435.0	ER	Yegorlykskaya		17		01			02																00	
RUS	438.0	XA	Kirov							01											18						
SCT	431.0	SAY	Stornoway		02	22		22		21	21	00	20	00	22	22	22	21	21	02			19			01	12
SRB	255.0	NS	Nis		20	03	21		19	19	02													19			
SRB	420.0	SR	Uzice / Ponikve		18	20	20			02	02					23							21			22	
SRB	423.0	ZO	Nis / Zitoradja	23	16	20	19	18	19	17	21		22	00		18	22	20	20	02		00	18	17	00	17	20
SRB	435.0	BR	Brdjani	23	17	22	19	18	18	01	20		23			19	20	21	21	02		22	20	18	01	00	
SVK	425.0	KE	Kosice	23	16	21	19	18	18	17	20			00		18	03	22	20	23			21	19		18	
SVK	438.0	B	Bratislava / M.R Stefanik / Barka		11	22	19	18	18	01	21		20	01		19		21	20	02		01	20		00	00	
SVK	438.0	PE	Poprad / Tatry East	00	11	22	19	18	18	01	22		20	19		19	21	21	21	02		23	20	19	01	00	
SWE	421.0	BL	Borlange / Rommehed / Falun	00	18	20	18	18		18	20			00		22	22		22	02	22		18			18	
SWE	421.0	MF	Halmstad	23	18	20	19	18	18	17	20	00	20	00		18	22	20	20	02	22	00	18			17	20
SWE	427.0	LUE	Kramfors / Lunde		21	02		00		21	03		22	00		22	22			21	22		20			18	
TUR	422.0	CNK	Canakkale		18					02																	
TUR	424.0	SEL	Efes / Selcuk		01																						
TUR	425.0	BUK	Ankara / Cubuk		18																					00	
TUR	426.0	CRL	Tekirdag / Corlu		19					21																	
TUR	433.0	CRD	Cardak / Denizli		00																						
UKR	425.0	PI	Pii		16	02	21			01	19												18				
XOE	420.0	LGS	Conoco Loggs Platform		23					04	01		12			13	22	20	17	21			11				20
XOE	433.0	VNS	Castor UGS			02	01																				
XUE	432.0	6SH	UNID		02																						
XUU	420.0	BFK	UNID		23					02													20				23
XUU	430.0	TA	UNID		21	21			20	21												22	02	20			
XUU	432.0	BSH	UNID							21																	

COUNTRIES HEARD:

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

Cou	Cou-Name	CZE lk	CZE ms	CZE my	CZE ze	DEU bd	DEU h4	DEU hw	DEU je	ENG ag	ENG bk	ENG br	ENG bs	ENG hh	ENG me	ENG mt	ENG px	ENG yk	FIN ro	FRA pn	HOL rb	ITA ed	ITA wb	POL ls	SCT ds
ALG	Algeria		2	2	2	1		2	1					2						1	3				
AUT	Austria	2	2	2	2	2	2	2	2		2	2		2	2	2	2	2	2	1	2	2	2	2	2
AZR	Azores													1		1					1				
BIH	Bosnia-Hercegovina	1	1	1	1	1	1	1	1		1			1	1	1				1	1	1	1	1	
BLR	Belarus		1	1				2																	
CYP	Cyprus							1							1										
CZE	Czechia	4	6	5	5	4	4	5	5		3	2		5	1	4	3	2	4	1	5	1	1	5	3
DEU	Germany	2	5	4	5	5	4	5	5		2	2		5	3	2	3	3	2	1	5		2	5	3
DNK	Denmark	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1	1		1	1
ENG	England		4	2	3	1	1	3	3	4	4	4	2	4	3	4	4	4			4			1	4
ESP	Spain		6	2	3	3		5	3		5	5		6	3	6	4	5		5	6		2	1	6
EST	Estonia		1	1				1	1		1	1		1					1		1			1	
FIN	Finland		1	1				1											1		1			1	
FRA	France	2	10	10	10	9	6	11	11	5	9	5		11	7	11	8	8	3	10	10	1	8	7	10
GEO	Georgia		1	1	1			1			1	1		1		1					1	1		1	
GRC	Greece		1																						
HNG	Hungary	2	3	2	2	2	2	2	2		2	2		2	2	2	2	3	1	2	2	2	2	3	1
HRV	Croatia	5	7	7	7	6	6	7	7	1	5	5		7	6	6	6	6	5	4	7	5	6	7	6
IRN	Iran							1																	
ITA	Italy	3	4	4	4	3	3	4	4			1		4	4	3	2	2	2	2	5	2	4	3	2
MKD	Macedonia		1	1	1	1		1	1					1						1	1	1	1	1	
MNE	Montenegro (Yugoslavia)		1	1	1	1	1	1						1							1		1	1	
NIR	Northern Ireland		1	1	1			1	1	1	1	1	1	1	1	1	1	1			1			1	1
NOR	Norway							1	1		1			1			1				1				1
POL	Poland	1	1	1	1	2		2	1	1		1		1		1	1	1	1	1	2			1	
POR	Portugal							1	1	1	1	2		2	1	1	1	1		1	2				1
ROU	Romania	1	3	3	3	1	2	3	2			1		2	1	1	1	1	2		2	1	1	2	1
RUS	Russia (European)		4	2	2	1		7	2			1		1					2		1			2	
SCT	Scotland		1	1		1		1	1	1	1	1	1	1	1	1	1	1			1			1	1
SRB	Serbia (Yugoslavia)	2	4	4	4	2	3	4	4		2	1		3	2	2	2	2		2	3	3	2	3	1
SVK	Slovakia	2	3	3	3	3	3	3	3		2	3		3	2	3	3	3		2	3	2	2	3	

Cou	Cou-Name	CZE lk	CZE ms	CZE my	CZE ze	DEU bd	DEU h4	DEU hw	DEU je	ENG ag	ENG bk	ENG br	ENG bs	ENG hh	ENG me	ENG mt	ENG px	ENG yk	FIN ro	FRA pn	HOL rb	ITA ed	ITA wb	POL ls	SCT ds
SWE	Sweden	2	3	3	2	3	1	3	3	1	2	3		3	3	1	2	3	3	1	3			3	1
TUR	Turkey		5					2																1	
UKR	Ukraine		1	1	1			1	1												1				
XOE	Int Waters: Europe		1	1	1			1	1		1			1	1	1	1	1			1				1
XUE	UNID (Europe?)		1																						
XUU	UNID (No idea where)		2	1			1	3												1	2	1			1

LISTENING TIMES:

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

UTC (hh)	CZE lk	CZE ms	CZE my	CZE ze	DEU bd	DEU h4	DEU hw	DEU je	ENG ag	ENG bk	ENG br	ENG bs	ENG hh	ENG me	ENG mt	ENG px	ENG yk	FIN ro	FRA pn	HOL rb	ITA ed	ITA wb	POL ls	SCT ds
00:00 - 00:59	4	4		5	5		4	6	16	1	23		7						8	3		14	21	14
01:00 - 01:59		4	5	5	3		16	4		1	7		1	1	1				4			7	1	
02:00 - 02:59		8	9	3			9	3					1				30			2				
03:00 - 03:59		3	10					4						14						1				
04:00 - 04:59							2													3				
05:00 - 05:59					1															1				
06:00 - 06:59							1																	
07:00 - 07:59																								
08:00 - 08:59		1																						
09:00 - 09:59		1																						
10:00 - 10:59															2									
11:00 - 11:59		10																		5		4		
12:00 - 12:59		1	5							7						4								2
13:00 - 13:59		1			4								7											
14:00 - 14:59				2							3													
15:00 - 15:59																								
16:00 - 16:59		6		1										1										
17:00 - 17:59		14					15			1						2		2				5	2	5	
18:00 - 18:59		11		7	29	23	6						17				4	4		21	5	7	19	
19:00 - 19:59		4		27	1	11	2	2			8		17			1	2	6		19	11		1	
20:00 - 20:59	2	4	13	7		7		16		17	4			8	14	21	1	2		18	3			13
21:00 - 21:59		7	14	6			25	21				2		2	29	19	7	4	8	5				1
22:00 - 22:59	3	1	13	2	10		5	10		6		2	15	19	8	2		11	12				5	
23:00 - 23:59	21	8		1			5	2		14			9	1	2		6		6	2		1	6	17
UTC (hh)	**CZE lk**	**CZE ms**	**CZE my**	**CZE ze**	**DEU bd**	**DEU h4**	**DEU hw**	**DEU je**	**ENG ag**	**ENG bk**	**ENG br**	**ENG bs**	**ENG hh**	**ENG me**	**ENG mt**	**ENG px**	**ENG yk**	**FIN ro**	**FRA pn**	**HOL rb**	**ITA ed**	**ITA wb**	**POL ls**	**SCT ds**
NDBs	**30**	**88**	**69**	**66**	**53**	**41**	**90**	**68**	**16**	**47**	**45**	**4**	**74**	**46**	**56**	**49**	**50**	**29**	**38**	**80**	**24**	**35**	**58**	**47**

NDB COUNTS, BY FREQUENCY:

and the number logged by all on each frequency, ignoring offsets:

NDBs	QRG	CZE lk	CZE ms	CZE my	CZE ze	DEU bd	DEU h4	DEU hw	DEU je	ENG ag	ENG bk	ENG br	ENG bs	ENG hh	ENG me	ENG mt	ENG px	ENG yk	FIN ro	FRA pn	HOL rb	ITA ed	ITA wb	POL ls	SCT ds	NDBs
2	245.0							2																		**2**
2	247.0		1	1				2																		**2**
1	255.0		1	1	1		1	1	1													1				**1**
1	256.0		1	1	1			1	1															1		**1**
1	258.0	1	1	1	1		1	1	1		1			1		1		1	1		1			1	1	**1**
1	258.5							1	1		1			1			1				1				1	**1**
13	420.0	1	9	6	5	3	3	8	7	1	4	3	1	8	4	5	4	6	1	1	10	1	4	5	6	**13**
6	421.0	3	6	5	6	4	3	6	6	2	3	4	1	6	5	4	5	4	3	2	6	1	1	5	3	**6**
6	422.0	1	6	1	2	2	1	3	1		1	2		2	2	2	2	2	1	1	2	1	2	2	2	**6**
6	423.0	3	6	6	6	5	3	5	5	2	3	4	1	6	4	4	3	4	1	4	6	3	3	4	5	**6**
5	424.0	2	5	4	4	3	2	4	4	1	4	2		4	2	4	3	4	2	3	4	1	3	2	4	**5**
7	425.0	4	6	5	5	4	4	5	6	1	3	3		5	5	5	4	4	1	3	6	2	2	2	3	**7**
8	426.0	2	7	5	5	2	3	8	4	1	3	4		7	4	4	4	4	3	3	7	1	3	2	4	**8**
3	427.0		3	2	2	3	1	3	3	1	2	2		3	3	1	1	2	1	1	3		1	3	1	**3**
5	428.0	1	3	3	3	3	3	4	4		2	1		4	3	5	2	3	1	2	3	1	3	3	3	**5**

3	429.0	1	3	3	3	3	2	3	3		2	1		3	1	1	1	1	2	1	3	1	1	3	1	**3**
6	430.0	2	6	5	4	3	3	5	3	1	3	4		4	2	3	2	2	3	3	5	4	2	4	2	**6**
2	431.0		2	2	1	2	1	2	2	1	2	1	1	2	1	2	2	2			2		1	2	2	**2**
8	432.0	1	6	6	4	3	1	6	4	1	3	3		5	1	2	2	1	3	4	6	2	2	4	2	**8**
7	433.0	1	4	2	2	2	1	5	2		3	3		3	2	3	3	2	1	3	3	1	1	1	3	**7**
1	433.5		1	1	1	1		1	1	1	1	1		1	1	1	1	1			1			1	1	**1**
2	434.0	1	2	2	2	2	2	2	2	1	1	2		2	1	2	2	1	2	1	2		1	2	2	**2**
4	435.0	1	3	1	2	1	1	4	1		1			1	2	1	1	1		1	2	1	1	2		**4**
2	436.0	1	1	1	1	2	1	2	1		1	1		1	1	1	1	1		1	2	1	1	1		**2**
1	437.0	1	1	1	1	1		1	1	1		1		1		1	1	1	1	1	1			1		**1**
5	438.0	3	4	4	4	4	4	5	4	1	3	3		4	2	4	4	3	2	3	4	2	3	4	1	**5**
		CZE	**CZE**	**CZE**	**CZE**	**DEU**	**DEU**	**DEU**	**DEU**	**ENG**	**ENG**	**ENG**	**ENG**	**ENG**	**ENG**	**ENG**	**ENG**	**ENG**	**FIN**	**FRA**	**HOL**	**ITA**	**ITA**	**POL**	**SCT**	
NDBs	**QRG**	**lk**	**ms**	**my**	**ze**	**bd**	**h4**	**hw**	**je**	**ag**	**bk**	**br**	**bs**	**hh**	**me**	**mt**	**px**	**yk**	**ro**	**pn**	**rb**	**ed**	**wb**	**ls**	**ds**	**NDBs**

MOB:

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

QRG	ID	Name	SP	ITU	Rptr	UTC
420.0	PI	Madalena / Pico Island		AZR	hh	0035
245.0	GSN	Gach Saran		IRN	hw	2140
245.0	NG	Nizhny Novgorod / Strigino		RUS	hw	2231
247.0	GM	Gomel		BLR	hw	1803
432.0	BSH	UNID		XUU	hw	2155
433.0	BO	Ermolino		RUS	hw	1831
433.0	MI	Ermolino		RUS	hw	0206
422.0	ATL	Astypalaia		GRC	ms	2045
422.0	UR	Hradec Kralove / Upir		CZE	ms	0801
424.0	SEL	Efes / Selcuk		TUR	ms	0120
430.0	MB	Chemukha		RUS	ms	2141
432.0	6SH	UNID		XUE	ms	0242
433.0	CRD	Cardak / Denizli		TUR	ms	0006
420.0	LMT	Auch / Lamothe		FRA	rb	0437
420.0	HM	Budapest / Ferihegy		HNG	yk	2343

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN CLE213 - 240 - 259,5 / 420 - 439,9 kHz - 25.11.2016 - 28.11.2016
NOW CLE230 - 240 - 259,9 kHz / 420 - 439,9 kHz - 23.03.2018 - 26.03.2018

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 ze	756	907	42	60	56	66	2873	2262
DEU bd	885	862	51	46	58	53	2970	1903
DEU hw	1072	1191	84	106	78	90	3701	4094
DEU je	1040	1058	67	72	64	68	3172	2249
ENG ag	948	782	26	13	27	16	1738	1711
ENG bk	943	1074	37	50	39	47	1886	3349
ENG hh	1273	1310	78	97	61	74	3415	3425
ENG me	1400	1328	84	61	60	46	3448	3475
ENG px	1120	1149	45	56	40	49	2026	2028
FIN ro	1455	1597	36	46	25	29	2157	2460
HOL rb	1190	1151	92	92	77	80	3557	3551
SCT ds	1313	1359	50	64	38	47	2381	2382
Averages:	1116	1147	58	64	52	55	2777	2741
% Increase:		3		10		7		-1

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 lk		589		18		30		1086
CZE ms		1000		88		88		3485
CZE my		881		61		69		2350
DEU h4		637		26		41		1354
ENG br		1344		60		45		3509
ENG bs		309		1		4		587
ENG mt		1105		62		56		3347
ENG yk		1187		59		50		2051
FRA pn		877		33		38		1607
ITA ed		688		17		24		2064
ITA wb		626		22		35		1220
POL ls		945		55		58		2184
Averages:		849		42		45		2070
% Increase:								

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 upper 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.

CLE230_Results_REU.xls
je - 29.03.2018