

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, via Kiwi-SDR at 'Slatina, West Bohemia', CZE (rCZEsl / JN69gw)
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	bk	Brian Keyte, via Kiwi-SDR at 'Chichester', ENG (rENGcr / IO90qu)
ENG	jms	John Mills, Chelmsford, Essex
ENG	nw	Noel Waddoup, Clacton
ENG	pnd	Paul Newland, Rattery
ENG	px	Peter Greatorex, Bolsover, Derbyshire
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla
HOL	prk	Peter Reuderink, Woerden
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	ado	Andrea Dalbagno, Gazzadina
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 us know (ndbcle@ndblist.info)

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 my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds
ALG	353.0	BNA	Beni Amrane						01		20						
ALG	415.0	ON	Oran / Es Senia					20						23			
ALG	423.0	BJA	Bejaia / Soummam											20		22	
ALG	424.0	GRS	Ghriss											21			
AUT	320.0	RUM	Innsbruck / Rum		21										23		
AUT	358.0	TUN	Tulln for Schwechat	20	21		22		01	23	22						00
AUT	374.0	KFT	Klagenfurt	22			22	21			23	22					
AUT	410.0	SI	Salzburg											20		22	
AUT	420.0	INN	Innsbruck					20						20		22	
AUT	426.0	GBG	Gleichenberg for Graz					20						19		22	
AZR	331.0	SC	Santa Cruz Das Flores			02			01		22				23		
AZR	351.0	PD	Ponta Delgada							23					23		01
AZR	360.0	HT	Horta / Faial Island						01	23							00
AZR	380.0	FIL	Horta / Faial Island								21						
BAL	344.0	MN	Menorca	20	23	23	23	22					21				
BAL	351.0	CST	Costix for Palma De Mallorca		21		22										
BAL	384.0	ADX	Andraitx for Palma de Mallorca	22				20									
BAL	394.0	IZA	Ibiza	22				21			20					22	
BEL	352.5	DD	Oostende					21		11	22	22					00
BEL	355.0	ONW	Antwerpen / Deurne		22		23	13		11	20	23					00
BEL	360.5	MAK	Mackel for Brussels Ntl		20		22	13		11	11	21					00
BIH	340.0	BLK	Banja Luka	20	20	23	00	22	01		20	21			23		00
BIH	357.5	KG	Sarajevo / Butmir / Kobiljaca	21	21				01	23							01
BIH	397.0	LU	Banja Luka											21		22	
BIH	405.0	IL	Sarajevo / Ilidza	23										20		22	
BIH	425.0	DNC	Mostar											20		22	
BUL	284.0	GNA	Gorna										20				
BUL	350.0	DWN	Devnya For Varna	20	20		22		01	23					23		00
BUL	399.0	KMN	Burgas / Kamenar								21			22		22	
COR	375.0	CV	Calvi / Ste Catherine	22			21	21			23						
CZE	345.5	CF	Caslav / Chotusice / Centograf	20	20	23	23	22			22	22			23		
CZE	362.0	L	Namest nad Oslavou	21	23		21			22							
CZE	365.0	L	Karlovy Vary / Vrata	20	23					23							
CZE	372.0	L	Prague / Ruzyně / Liboc	20							23						
CZE	416.0	KUN	Kunovice											21		22	
DEU	311.0	LMA	Lima / Bruggen									13					
DEU	318.0	AGB	Augsburg		21												
DEU	320.0	HA	Hannover / East		21							23			23		
DEU	325.0	DP	Diepholz			06											
DEU	330.0	ABU	Altenburg / Nobitz	19	20	23			01			23			23		00
DEU	337.0	LHR	Lahr / Schwarzwald		22	23	22		01						23		00
DEU	338.0	MNW	Munchen	19	20	23			01		22				23		00
DEU	340.0	ZIG	Leipzig	19	20	18			01						23		00
DEU	341.0	ALG	Memmingen / Allgau	20	22	23			01		22				23		00
DEU	352.0	LAA	Niederrhein		17		21		01	11	22				23		00
DEU	354.0	PAD	Paderborn / Lippstadt	20	21		22		01	11	22						00
DEU	357.0	SKZ	Leipzig / Halle	20	21		22		01	23	22						00
DEU	358.0	HW	Hannover / West	21	21		22			23		22					00
DEU	358.0	MSE	Munchen	20	21				01	23							
DEU	365.0	LI	Koln / Bonn	20	23		22			11		21					
DEU	368.0	BYC	Buckeburg	21	21		22			11		21					
DEU	369.0	MNE	Munchen	20	22			20		23	20						
DEU	371.0	MYN	Munster / Osnabruck	20			22					21					
DEU	372.0	NOR	Nordholz	22			22					21					
DEU	374.0	FS	Dresden	22							23						
DEU	378.0	WSN	Weser	20							23	22				22	
DEU	400.0	MSW	Munchen	23						21				20		22	
DEU	406.5	BOT	Bottrop	23				20			20			19		22	
DEU	407.0	LUP	Laupheim	23										22		22	
DEU	417.0	LI	Dusseldorf					22									
DEU	426.0	MIQ	Mike for Ingolstadt											19		22	
DNK	321.0	VO	Vojens / Skrydstrup	19	21							13			23		
DNK	328.0	VJ	Stauning		22	23	22		01			23			23		
DNK	334.0	FAU	Bornholm / Ronne / Fauna		21	23	22				22						00

DNK	357.0	KD	Kolding / Vamdrup				21		01	11								
DNK	384.0	TL	Aarhus							21						20	22	00
DNK	400.5	EJ	Esbjerg														22	
ENG	277.0	CHT	Chiltern									13						
ENG	316.0	EPM	Epsom for Heathrow									13						
ENG	318.0	BPL	Blackpool									13						
ENG	321.0	STM	Scilly Isles / St Mary												23			
ENG	323.0	SBL	Sherburn-In-Elmet															
ENG	328.0	BLK	Blackbushe			23			01			13						
ENG	331.0	GST	Gloucester			23	22		14	01		09	13		23			
ENG	332.0	SHM	Shoreham			23			01			11	13		23			
ENG	332.5	CAM	Cambridge			23			14			22	13		23			
ENG	337.0	EX	Exeter			23			21	01		09	14		23			00
ENG	337.0	WTN	Warton			23			01				13					00
ENG	339.0	BIA	Bournemouth			23			01			11	13		23			00
ENG	342.5	NWI	Norwich		21	23	22		13	01		22	13		23			00
ENG	343.0	YVL	Yeovil / Westland			02			13	01		09	13					00
ENG	347.0	NQY	Newquay		21		23			01		11	09	20		23		00
ENG	347.5	TD	Teeside							01		11		13		23		00
ENG	352.0	NT	Newcastle		23							11		13		23		00
ENG	352.0	WOD	Woodley									11	09	13		23		00
ENG	353.5	EME	East Midlands											23				
ENG	356.0	WBA	Wolverhampton					13				11	20	21				00
ENG	362.5	SND	Southend-On-Sea									11	20	21				00
ENG	365.0	KIM	Kirmington									11		21				00
ENG	367.5	OX	Oxford / Kidlington									11	11	21				
ENG	370.0	CUL	Culdrose RNAS									01	11					
ENG	385.0	WL	Barrow / Walney Isl														22	
ENG	386.0	BZ	Brize Norton										11				22	
ENG	391.5	EAS	Southampton / Eastleigh										11					
ENG	393.0	EMW	East Midlands										23					
ENG	402.5	LBA	Leeds / Bradford					22								19		
ENG	406.0	BHX	Birmingham					13					20			19		
ENG	414.0	BRI	Bristol / Filton					13								19		
ENG	421.0	BUR	Burnham													20		
ENG	423.0	CWL	Cranwell													20		
ESP	325.0	AST	Asturias			22	23	23										
ESP	327.0	EEC	Sevilla / El Coperio			02			01									
ESP	328.0	HIG	San Sebastian	19	21	23	22	22	01			21				23		
ESP	330.0	G	Gerona / Costa Brava			02												
ESP	332.0	EAL	Almagro			23			01							23		
ESP	335.0	TON	Torralba de Aragon		22	23	22	22	01			20	21		23			00
ESP	345.0	VTA	Vitoria			22		22	01						23			00
ESP	354.0	PP	Pamplona				22											
ESP	356.0	SGO	Sagunto		23			22			01		21					
ESP	362.0	EBT	Betera / Valencia					22			23							00
ESP	380.0	VNV	Vilanova i la Geltru	22				21				20						22
ESP	387.0	AV	Asturias / Aviles	22								20						22
ESP	389.0	ZRZ	Zaragoza	22				20				20						22
ESP	395.0	B	Bilbao									20				20		22
ESP	399.0	EAG	Logrono / Agoncillo	23				21				20				20		22
ESP	401.0	COA	La Coruna					22								21		
ESP	404.0	LRD	Lerida	23				20				20				21		22
ESP	410.0	C	La Coruna					21								22		
ESP	412.0	GRA	Granada					21								23		
ESP	412.0	GRN	Gerona					23								21		
ESP	416.0	SA	Santander													22		
ESP	417.0	CVT	Madrid / Cuatro Vientos					20								21		
ESP	420.0	SPP	Sevilla / San Pablo													22		
ESP	421.0	GE	Madrid / Grinon					20								01		22
ESP	424.0	RUS	Reus					23										
FIN	336.0	ME	Mikkeli			22									10			
FIN	346.0	MI	Mikkeli / Korpikoski		23	23	23								10		23	00
FIN	374.0	SK	Mikkeli				23								10			
FRA	288.5	AVD	Avord									20						
FRA	320.0	TY	Troyes / Barberey					14				21						
FRA	321.0	ABY	Albert / Bray	19	20			14				13				23		
FRA	321.0	TL	Tarbes / Ossun / Lourdes		21			21								23		
FRA	322.0	RL	La Rochelle / Ile De Re	19	21			21				23				23		
FRA	322.0	TLN	Hyeres / Le Palyvestre	19	21											23		
FRA	327.0	MVC	Merville / Calonne	19				14				13				23		
FRA	332.0	TLF	Toulouse / Francazal		20	23	00		01							23		
FRA	334.0	DX	Dax / Seyresse			23		22	01							23		
FRA	338.0	GU	Brest / Guipavas			23		14	01			09				23		01
FRA	339.0	FG	Montpellier / Mediterranee		22	23	23	22	01							23		00
FRA	346.0	CH	Chambery / Aix-Les-Bains		22	20	23		01							23		00
FRA	347.0	CVT	Chalons / Vatry		22		23	13	01		11		21			23		00
FRA	350.0	MUT	Muret / Lherm				01		01		23					23		00
FRA	351.0	BSC	Brive / Souillac	20	23		22		01		23		22					00
FRA	351.0	OSA	Ouessant				02	19	01	11	09	14				23		00
FRA	354.0	MTZ	Metz / Nancy-Lorraine	20	21		23	13	01	11	22	23						00
FRA	354.0	NG	Nimes / Garons						01		23							
FRA	358.0	BRS	Biscarosse / Parentis					22	01	23	20	21						00
FRA	358.0	RNN	Roanne / Renaison		23		02		01		00							00
FRA	359.0	LOR	Lorient / Lann Bihoue		20	23		13	01	11	09	21						00
FRA	364.0	PU	Pau / Pyrenees				23	22		23	20	21						00
FRA	367.0	VAT	Chalon / Vatry		21		22	13			11	20						
FRA	368.0	TLB	Toulouse / Blagnac		21		00				00							
FRA	369.0	CM	Avignon / Caumont								00							
FRA	373.0	LCT	Le Luc / Le Cannet		22							23						
FRA	378.0	LU	Le Luc / Le Cannet		22													22
FRA	380.0	HO	Colmar / Housсен		20			20			23	22						22
FRA	383.0	MAR	Marseille / Provence		22													
FRA	384.0	PMR	Pamiers / Les Pujols		22						21							22
FRA	388.0	LOU	Metz / Nancy-Lorraine - Louvigny								20							22
FRA	391.0	BV	Beauvais / Tille					13			11							22
FRA	394.0	NV	Nevers / Fourchambault		22			20			20							22
FRA	395.0	OB	Marseille / Provence		23			21			21					20		22
FRA	397.0	BLB	Blois / Le Breuil									20				22		22
FRA	397.0	PO	Pau / Pyrenees		22			22								20		22
FRA	397.0	ZR	Beziers / Vias		23						20					22		22

FRA	398.0	LRN	Lorquin / Xouaxange				22		21			22		22	
FRA	398.0	MT	St Nazaire / Montoir	23			13		09			02		22	
FRA	404.0	AGO	Angouleme / Brie Champniers	23					20			23		22	
FRA	404.0	CNE	Caen / Carpiquet				20		09			23		22	
FRA	404.0	MRV	Merville / Calonne	23			13		11			19		22	
FRA	406.0	TW	Toulouse / Blagnac	23					20			20		22	
FRA	410.0	ETN	Etain / Rouvres				20					21		22	
FRA	413.0	ALM	Aix Les Milles				23					21		22	
FRA	415.0	TOE	Toulouse / Blagnac				21					20		22	
FRA	417.0	AX	Auxerre / Branches									21		22	
FRA	418.0	SAL	Sainte Leocadie				21					21		22	
FRA	419.0	EMT	Epinal / Mirecourt				20					21		22	
FRA	420.0	LMT	Auch / Lamothe									20			
FRA	423.0	TS	Toulouse / Blagnac				22					20		22	
FRA	424.0	LOE	Limoges / Bellegarde									21		22	
FRA	424.0	PHG	Phalsbourg / Bourscheid				20					20		22	
FRA	426.0	CTS	Castets									23			
FRA	428.0	CTX	Chateauroux / Deols											22	
FRA	428.0	MUS	Nice / Cote d'Azur											22	
FRO	337.0	MY	Myggenaes			23		01				23			00
FRO	348.0	VG	Vagar			00		01	23			23			
GEO	353.0	BT	Ali						23						
GRC	353.0	PAK	Preveza / Aktion					01	23						01
GSY	383.0	ALD	Alderney	21			13		09					22	
HNG	326.0	C	Debrecen		22	23	00					23			
HNG	346.0	Y	Nyiregyhaza			21									
HNG	400.0	BC	Bekescsaba									20		22	
HNG	412.0	PP	Pecs / Pogany									20		22	
HRV	318.0	KLP	Dubrovnik / Kolocep		20										
HRV	325.0	VG	Zagreb / Pleso / Velika Gorica		20	23	00	23				23			
HRV	330.0	ZRA	Zadar / Kakman	20	21	23	00					23			
HRV	348.0	ZK	Zadar					01	23			23			00
HRV	350.0	SK	Zagreb / Pleso / S. Kraljevec	20	21		00	01	23	22		23			00
HRV	351.5	PLA	Pula	20	21		22	19	01	23	20	21	23		00
HRV	372.0	CE	Osijek / Cepin	22			23	21			20				
HRV	378.0	TRI	Split / Trogir	22							20			22	
HRV	385.0	BO	Zadar / Bokanjac	22				20			20			22	
HRV	400.0	BRZ	Rijeka / Krk / Breza	23				20			23			22	
HRV	412.0	HUM	Humac									20		19	
HRV	418.0	DVN	Split / Drvenik					20				20		22	
HRV	421.0	SAL	Zadar / Sali									19		22	
HRV	422.0	OSJ	Osijek									19		22	
HRV	424.0	PIS	Zagreb / Pleso / Pizarovina					21				20		22	
IOM	359.0	RWY	Isle Of Man / Ronaldsway					01	11	21					00
IRL	334.0	GMN	Gormanston			23	22	01			18				00
IRL	334.0	KER	Kerry / Farranfore			22						23			
IRL	339.0	OL	Shannon			22		01				23			
IRL	361.0	CFN	Donegal / Carrickfin						23		22				00
IRL	364.0	KNK	Connaught						23						00
IRL	368.0	WTD	Waterford				22		11	09	21				
IRL	384.0	SLG	Sligo							21					
IRL	387.0	CML	Clonmel							09					
IRL	395.0	FOY	Foynes for Shannon							21				22	
IRL	398.0	OK	Connaught									22			
IRN	341.0	BUZ	Bushehr			21									
IRN	346.0	BRD	Bojnurd			23									
IRN	355.0	ARB	Ardabil		21				23						
IRN	370.0	UMH	Uromiyeh						00						
ISL	330.0	HN	Hornafjordur					01				23			
ISL	335.0	VA	Egilsstadir / Vad					01							
ISL	345.0	HL	Vestmannaeyjar / Helgafell					01				23			00
ISL	355.0	RK	Reykjavik					01	23						
ISL	375.0	VM	Vestmannaeyjar			23				23					
ITA	371.0	RIV	Codroipo / Rivolto (UD)	21			22	20		20					
JSY	329.0	JW	Jersey			23	02	14	01		13			23	
KAL	410.0	K	Kaliningrad / Khrabrovo									23			
LBY	330.0	OA	Samah / Warehouse 59			02		21							
LBY	357.0	RJ	Tripoli / Mitiga		21			01	23						
LBY	403.0	MB	Marsa Brega											22	
LBY	405.0	VG	Edibb V7									22		22	
LBY	413.0	RAG	Raguba									22		22	
LTU	343.0	KUS	Kaunas / Karmelava	20	20	23	23	01			23	21	23		00
LTU	385.0	AVN	Vilnius	22										22	
LTU	407.0	PN	Palanga	23								20		22	
MEL	292.0	MIA	Melilla								22				
MNE	332.0	RO	Tivat			21		01				23			
MNE	335.0	POD	Podgorica			01									
MNE	345.0	TAZ	Tivat	20	23	20	23	01				23			01
MNE	420.0	GO	Podgorica									22		22	
MRC	345.0	CSD	Daouarat			21		22	01		22	23			00
NIR	328.5	EGT	Londonderry / Eglinton			23	22				18		23		
NIR	420.0	HB	George Best Belfast City Airport					22				00			
NOR	303.0	KPG	Sogndal / Haukasen / Kaupanger								22				
NOR	329.0	NMS	Namsos		22	23	22	01				23			00
NOR	335.0	LR	Mosjoen / Laksfors			23									00
NOR	336.0	RS	Roros			22	23	01				23			00
NOR	338.0	RST	Rost			23									
NOR	345.0	STM	Strommen / Mo I Rana			21	23					23			
NOR	348.0	SAD	Leknes / Sandsund					01	23			23			01
NOR	362.0	BVK	Orsta-Volda / Hovden / Baatvik				00		23						00
NOR	365.0	ODD	Harstad / Narvik / Evenes / Odden						23						01
NOR	369.0	STG	Stegen				22		23						
NOR	393.0	TAT	Molde / Aro / Tautra											22	
NOR	396.0	YG	Rygge / Enge									23		22	
NOR	401.0	RBU	Roros / Rambu									22			
NOR	404.0	VNG	Vangsnes									21			
ORK	395.0	KW	Kirkwall / Orkney Isl.									22		22	
POL	345.0	NB	Malbork		22	21	21	01		22			23		
POL	385.0	NWT	Leczyca	22						21				22	
POL	488.0	NPR	Tomaszow-Mazowiecki / Porter								20				
POR	382.0	LAR	Arruda					21		20					

POR	425.0	EVR	Evora				21					22		
ROU	318.0	OTR	Bucuresti / Otopeni		23									
ROU	338.0	TIM	Timisoara	20	20	23	23	01				23		01
ROU	349.0	OPE	Bucuresti / Otopeni	20	20	23	23	01	23		22	23		00
ROU	351.0	ISI	Iasi	20	21		23	01	23		23	23		00
ROU	360.0	O	Oradea	21	21		23	01	23	22				00
ROU	370.0	OTL	Bucuresti / Otopeni	21			23		23					
ROU	373.0	D	Tirgu Mures	22			23							
ROU	378.0	TA	Timisoara / Giarmata										22	
ROU	381.0	SIB	Sibiu / Turnisor	22									22	
ROU	384.0	IAS	Iasi	22									22	
ROU	404.0	BMR	Baia Mare	23							19		22	
ROU	408.0	TSR	Timisoara / Giarmata	23							20		22	
ROU	418.0	ORA	Oradea				22				20			
ROU	426.0	BC	Bacau							21	20		22	
ROU	428.0	TGM	Targu Mures / Vidrasau										22	
RUS	277.0	PO	Pulkovo								21			
RUS	299.0	LT	Savasleyka								21			
RUS	320.0	DM	Moscow / Domodedovo								21			
RUS	326.0	DD	Ivanovo / Yuzhny			20					21			
RUS	326.0	N	Kubinka			23								
RUS	326.0	PU	St Petersburg / Pulkovo			23					21			
RUS	327.0	XI	Torzhok			21					21			
RUS	330.0	NZ	Ust-Labinsk			21								
RUS	335.0	FV	Venev			23	22				21	23		00
RUS	338.0	A	Moscow / Sheremetyevo			21								
RUS	338.0	M	Moscow / Sheremetyevo			23								
RUS	338.0	QCH	Khotilovo / Novy								21			00
RUS	338.0	VU	Khotilovo / Novyj	22		23					21			00
RUS	345.0	DA	Tikhoretsk											00
RUS	345.0	KO	Tikhoretsk			20						23		
RUS	345.0	YAT	Tula / Klokovo			23								
RUS	348.0	OR	Borisoglebsk					23			21	23		00
RUS	348.0	SW	Borisoglebsk											00
RUS	350.0	UK	Yukhnov	23				23			21			00
RUS	360.0	BD	Bogdanovo	23		22		23			21			00
RUS	360.0	TS	Zadonsk	21				23						00
RUS	365.0	AD	Sochi					23						00
RUS	370.0	CW	Kasputin Yar					22						
RUS	370.0	NK	Nizhnetsk / Begishevo					23						
RUS	370.0	RT	Moscow / Ramenskoe					23						
RUS	380.0	BW	Moscow / Sheremetyevo								21			
RUS	405.0	UM	Ivanovskoye								21			
RUS	408.0	KW	Krymsk	23							21	23	22	
RUS	410.0	SF	Cherusti								21			
RUS	430.0	AJ	Staritza								21			
RUS	455.0	BK	Lipetsk-2								21			
RUS	478.0	MF	Larionovo								21			
RUS	485.0	CW	Krasnaya Gorbarka								21			
RUS	493.0	RW	Maryino								20			
RUS	525.0	PL	Pulkovo / St.Petersburg								21			
RUS	570.0	FE	Oktyabrskiy								21			
RUS	591.0	RN	Penza								21			
RUS	694.0	AL	Algasovo								20			
RUS	732.0	AO	Aksinyino								20			
RUS	825.0	O	Cherepovets								20			
RUS	852.0	OB	Moscow / Vnukovo								20			
RUS	900.0	NE	Nerl								20			
RUS	905.0	UD	Buturlino								20			
RUS	960.0	RP	Sosnovkoye								20			
RUS	975.0	GD	Maloye-Skuratovo								20			
RUS	985.0	FK	Gagarin								20			
RUS	1005.0	LO	Klimovsk								20			
RUS	1055.0	IN	Sukhotino								20			
RUS	1080.0	AR	Buzharovo								20			
RUS	1215.0	WT	Kartino								20			
RUS	1285.0	SW	Savelovo								20			
RUS	1290.0	TU	Bely								18			
SAR	316.0	CAL	Cagliari / Elmas				23							
SCT	328.0	IVR	Inverness			23	00			23		23		
SCT	331.0	GLW	Glasgow			23	00					23		
SCT	341.0	EDN	Edinburgh			23	22	01		23		23		00
SCT	344.0	WCK	Wick			23	23	01				23		00
SCT	348.0	ATF	Aberdeen / Dyce				22	01	22	13		23		00
SCT	355.0	PIK	Prestwick				00		23	23				00
SCT	368.0	UW	Edinburgh						23					
SCT	380.0	CBL	Campbeltown							22				
SCT	394.0	DND	Dundee										22	
SCT	401.0	BBA	Benbecula								22			
SCT	404.0	OB	N. Connell / Oban								22			
SCY	412.0	SIG	Sigonella (CT)								21		22	
SHE	351.0	SBH	Sumburgh Head		23		22	01	23	22		23		00
SRB	300.0	PV	Novi Sad / Cenej / Petrovaradin							22				
SRB	330.0	ML	Kraljevo	20	20	23		01				23		
SRB	337.0	VRN	Vranje	20	22	23	22	01		22		23		01
SRB	348.0	TPL	Topola	20	20		22	01	23	20	21	23		00
SRB	355.0	OBR	Beograd / Obrenovac	21	21		00	01	23					01
SRB	360.0	LA	Kraljevo	21	21			01	23					01
SRB	380.0	KN	Beograd / Krnjesevci	22			20						22	
SRB	387.0	AD	Kraljevo	22									22	
SRB	390.0	VAL	Valjevo	22						23			22	
SRB	405.0	JST	Nis / Justic	23						20			22	
SRB	416.0	POZ	Beograd / Pozarevac					23			19		22	
SRB	423.0	ZO	Nis / Zitoradja				22				20		22	
SVK	317.0	PPD	Poprad / Tatry		19									
SVK	330.0	OB	Bratislava / M.R Stefanik / South		22									
SVK	391.0	OKR	Bratislava / M.R Stefanik / North	20				21		21			22	
SVK	404.0	ZLA	Zilina								20			
SVK	418.0	PW	Poprad / Tatry West								20		22	
SVK	425.0	KE	Kosice								20		22	
SVN	334.0	MR	Maribor	20	22	23	21	22	01			23		00

SVN	355.0	MI	Maribor	20	21				01	23								01
SVN	359.0	RK	Cerklje	21	21				01	23								01
SWE	285.0	LCF	Linköping / Malmén										22					
SWE	309.0	LG	Satenas / Tune										22					
SWE	322.0	OD	Ornskoldsvik											22		23		
SWE	324.0	ON	Norrköping	19	22											23		
SWE	325.0	NUT	Hemavan			23										23		
SWE	325.0	PG	Trollhattan / Vanersborg		21	23	00									23		
SWE	326.0	KG	Kramfors / Bjartra			23												
SWE	328.0	DK	Vilhemina			23			01									
SWE	329.0	VX	Vaxjö / Kronoberg		20	23			01				23			23		
SWE	329.0	WU	Umeå		21	23										23		
SWE	330.0	SKS	Karlstad		22	23	22											
SWE	333.0	LE	Västeraås / Hasslo		22	23	23		01							23		
SWE	335.0	NAK	Stockholm / Bromma / Nacka			23										23		
SWE	336.0	LT	Halmstad		22	23	21		01							23		00
SWE	338.0	OA	Jonköping		22	23	21		01				23			23		00
SWE	341.0	NKS	Karlstad		22	23	23		01							23		00
SWE	342.0	SL	Göteborg / Landvetter		22	23			01							23		00
SWE	342.0	SUT	Hemavan			23												
SWE	348.0	WA	Stockholm / Arlanda		23		22		01	23						23		00
SWE	349.0	JX	Vaxjö / Kronoberg		21		22		01	23	22					23		00
SWE	363.0	OEM	Kristianstad / Everöd		23					23			22					00
SWE	364.0	NW	Stockholm / Skavsta / Nyköping							23								00
SWE	364.0	VNA	Vanja							23								
SWE	366.0	UP	Uppsala							23								
SWE	368.0	OY	Sveg				22			23								
SWE	369.0	NL	Göteborg / Landvetter				22			23								
SWE	369.0	OO	Ornskoldsvik							23								
SWE	370.5	LB	Ängelholm / Barkåkra	20			22					23		22				
SWE	375.0	KD	Kristianstad / Everöd	20			21						22					
SWE	375.0	RB	Orebro				01						21					
SWE	388.0	COR	Corner for Bromma															
SWE	397.0	LM	Borlänge / Rommehed / Falun													23		
SWE	398.0	PEO	Stockholm / Skavsta / Peola	23												21		
SWE	399.0	FM	Trollhattan / Vanersborg													22		
SWE	400.0	EN	Orebro													22		
SWE	402.0	LX	Äskilstuna / Kjula													00		
SWE	402.0	TH	Torsby													22		
SWE	403.0	NM	Mora / Sjöjan													21		
SWE	403.0	OJ	Jonköping													22		
SWE	417.0	AH	Ängelholm / Barkåkra													22		
SWE	419.0	RD	Västeraås / Hasslo													22		
SWE	421.0	BL	Borlänge / Rommehed / Falun													22		
SWE	421.0	MF	Halmstad													20		22
TUR	325.0	CRM	Samsun / Carsamba			23												
TUR	328.0	CEK	Cekmece			22												
TUR	350.0	HAY	Haymana							01								
TUR	352.0	BRY	Yenişehir							21								
TUR	356.0	ANK	Ankara / Esenboga							22								01
TUR	363.0	CIG	Izmir / Çiğli / Kalkic		23					23								
UKR	326.0	NL	Mykolaivka			23										23		
UKR	362.0	RU	Sevastopol - Belbek							20								
WLS	323.0	WPL	Welshpool										18					
WLS	340.0	HAW	Hawarden			23			01			22	13			23		00
WLS	388.5	CDF	Cardiff					13				09					22	
XOE	333.0	GFC	Statoil Gullfaks C Platform			23												
XOE	340.0	HEI	Heidrun		22	23			01							23		00
XOE	375.0	EKO	Ekofisk L				23											
XOE	410.0	LAYR7	Vessel North Sea Giant												00		22	
XOF	411.0	DP4	Bouri DP4/LCM Oil + Gas Libya														22	
XUE	358.0	A	UNID							20								
XUE	360.0	BAS	UNID							01								
XUF	330.0	KN	UNID			23			01							23		
XUU	352.0	SL	UNID							22								
XUU	358.0	PC	UNID							23								01
XUU	384.0	WXYZ	UNID														22	
Cou, S/P	QRG	ID	Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds	

COUNTRIES HEARD:

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

Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds	Total
ALG	Algeria					1	1		1			3		1		4
AUT	Austria	2	2		2	3	1	1	2	1		3	1	3	1	6
AZR	Azores			1			2	2	2				2		2	4
BAL	Balearic Islands	3	2	1	2	3			1	1				1		4
BEL	Belgium		2		2	3		3	3	3					3	3
BIH	Bosnia-Herzegovina	3	2	1	1	1	2	1	1	1		3	1	3	2	5
BUL	Bulgaria	1	1		1		1	1	1	2		1	1	1	1	3
COR	Corsica	1			1	1			1							1
CZE	Czechia	4	3	1	2	1		2	2	1		1	1	1		5
DEU	Germany	18	15	6	9	4	9	8	10	9		4	7	5	8	26
DNK	Denmark	1	3	2	3		2	1	2	2		1	2	2	2	6
ENG	England		3	9	3	10	10	9	17	22		5	11	2	12	33
ESP	Spain	6	3	7	4	18	5	2	7	3		11	4	7	3	25
FIN	Finland		1	2	2						3		1		1	3
FRA	France	19	16	6	14	31	15	13	22	13		21	14	28	12	56
FRO	Faroe Islands			1	1		2	1					2		1	2
GEO	Georgia							1								1
GRC	Greece						1	1							1	1
GSY	Guernsey	1				1			1					1		1
HNG	Hungary		1	2	1							2	1	2		4
HRV	Croatia	7	5	2	5	7	4	3	6	1		6	5	8	3	15
IOM	Isle Of Man						1	1		1					1	1
IRL	Ireland			3	2		2	3	4	3		2	2		3	10
IRN	Iran		1	2				2								4

ISL	Iceland			1		4	1	1				2		1	5	
ITA	Italy	1		1	1		1								1	
JSY	Jersey			1	1	1	1		1			1			1	
KAL	Kalinigrad											1			1	
LBV	Libya		1	1		1	1	1				2		3	5	
LTU	Lithuania	3	1	1	1		1		1	1	1	1	1	2	3	
MEL	Melilla									1					1	
MNE	Montenegro (Yugoslavia)	1	1	3	1		2					1	2	1	4	
MRC	Morocco			1		1	1		1	1					1	
NIR	Northern Ireland			1	1	1						1	1		2	
NOR	Norway		1	5	5		3	4		1		3	4	2	14	
ORK	Orkney Islands											1		1	1	
POL	Poland	1	1	1	1		1		2		1		1	1	3	
POR	Portugal					2			1			1			2	
ROU	Romania	10	5	1	6	1	4	4	1	2	1	4	3	7	4	
RUS	Russia (European)	1	4	11	2			8			39	1	3	1	7	
SAR	Sardinia					1									1	
SCT	Scotland			4	6		3	3		5		2	5	1	4	
SCY	Sicily											1		1	1	
SHE	Shetland Islands		1		1		1	1		1			1		1	
SRB	Serbia (Yugoslavia)	9	5	2	3	4	5	3	4	2		2	3	5	4	
SVK	Slovakia	1	2			1			1			3		3	6	
SVN	Slovenia	3	3	1	1	1	3	2					1		3	
SWE	Sweden	4	13	14	13		9	9	3	8	3	12	13	3	8	
TUR	Turkey		1	2				4							6	
UKR	Ukraine			1				1					1		2	
WLS	Wales			1		1	1		2	2			1	1	3	
XOE	Int Waters: Europe		1	2	1		1					1	1	1	4	
XOF	Int Waters: Africa													1	1	
XUE	UNID (Europe?)							2							2	
XUF	UNID (Africa?)			1			1						1		1	
XUU	UNID (No idea where)							2					1		3	
Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds	Total

LISTENING TIMES:

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

UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds
00:00 - 00:59				14			4				3			85
01:00 - 01:59			1	2		100	4				1			15
02:00 - 02:59			5	3							1			
03:00 - 03:59														
04:00 - 04:59														
05:00 - 05:59														
06:00 - 06:59			1											
07:00 - 07:59														
08:00 - 08:59														
09:00 - 09:59								14						
10:00 - 10:59							23	9		3				
11:00 - 11:59														
12:00 - 12:59														
13:00 - 13:59					17				22					
14:00 - 14:59					7				2					
15:00 - 15:59														
16:00 - 16:59														
17:00 - 17:59		1												
18:00 - 18:59			1						3	1				
19:00 - 19:59	10	1			2						12			
20:00 - 20:59	34	18	4		21		2	33	3	16	32			
21:00 - 21:59	11	37	9	9	21		1	12	25	27	17			
22:00 - 22:59	25	26	7	43	25		5	20	19	1	24		100	
23:00 - 23:59	20	17	72	29	7		61	12	15		10	100		
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds
NDBs:	100	100	100	100	100	100	100	100	89	48	100	100	100	100

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:

NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds	NDBs
2	277.0									1	1					2
1	284.0									1						1
1	285.0									1						1
1	288.5									1						1
1	292.0									1						1
1	299.0										1					1
1	300.0									1						1
1	303.0									1						1
1	309.0									1						1
1	311.0									1						1
2	316.0					1				1						2
1	317.0		1													1
4	318.0		3							1						4
4	320.0		2			1				2	1		3			4
4	321.0	2	3			2				2			4			4
3	322.0	2	2			1				1	1		3			3
2	323.0															2
1	324.0	1	1										1			1
6	325.0		2	6	3	2							2			6
6	326.0		1	6	1						3		2			6
3	327.0	1	1	3	1	1	2			1	1		1			3
6	328.0	1	2	6	3	1	4						3			6
1	328.5			1	1					1			1			1
4	329.0		3	4	2	1	3			2			4			4
10	330.0	3	5	8	2	1	5			1			5			10

3	331.0			3	2	1	2		2	1			3			3
4	332.0	1		4	1	1	4		1	1			4			4
1	332.5			1		1			1	1			1			1
2	333.0		1	2	1		1						1			2
5	334.0	1	2	5	3	2	3		1	1			3	4		5
6	335.0		1	5	2	1	2		1	1			3	3	6	
3	336.0		1	3	2		2						2	2	3	
5	337.0	1	2	5	2	1	5		2	2			4	5	5	
9	338.0	2	4	8	2	1	4		2	1		2	4	5	9	
3	339.0		1	3	1	1	3		1	1			3	2	3	
4	340.0	2	3	4	1	1	4		2	2			4	4	4	
4	341.0	1	2	4	2		3		1	1			3	3	4	
2	342.0		1	2			1						1	1	2	
1	342.5		1	1	1	1	1		1	1			1	1	1	
2	343.0	1	1	2	1	1	2		1	2	1		1	2	2	
2	344.0	1	1	2	2	1	1			1			1	1	2	
9	345.0	1	2	7	3	2	5		2	1			6	5	9	
1	345.5	1	1	1	1	1			1	1			1	1	1	
4	346.0		2	4			1				1		2	1	4	
2	347.0		2		2	1	2	2	1	2			2	2	2	
1	347.5						1	1		1			1	1	1	
8	348.0	1	2		4	1	6	7	1	2	1		7	6	8	
2	349.0	1	2		2		2	2	1	1			2	2	2	
5	350.0	2	3		3		3	5	1	1		1	3	4	5	
6	351.0	2	4		5	1	4	5	1	4			4	5	6	
1	351.5	1	1		1	1	1	1	1	1			1	1	1	
5	352.0		2		1		1	5	2	2			3	3	5	
1	352.5					1		1	1	1				1	1	
3	353.0						2	2	1					1	3	
1	353.5					1				1					1	
4	354.0	2	2		3	1	3	3	2	1				2	4	
6	355.0	2	4		3	1	3	6	1	2				4	6	
3	356.0		1			2		3	1	2				2	3	
3	357.0	1	2		2		3	3	1					2	3	
1	357.5	1	1				1	1						1	1	
7	358.0	3	4		3	1	4	7	2	2				5	7	
3	359.0	1	2		1	1	3	3	1	2				3	3	
6	360.0	2	4		2		3	6	1		1			4	6	
1	360.5		1		1	1		1	1	1				1	1	
1	361.0							1		1				1	1	
4	362.0	1	1		2	1		4						2	4	
1	362.5							1	1	1				1	1	
2	363.0		2					2		1				1	2	
4	364.0				1	1		4	1	1	1			3	4	
5	365.0	2	2		1			5		2				3	5	
1	366.0							1							1	
1	367.0		1		1	1		1	1						1	
1	367.5							1	1	1					1	
5	368.0	1	2		4			5	1	2				2	5	
5	369.0	1	1		2	1		5	1					5	5	
6	370.0	1			1			6	1					6	6	
1	370.5	1			1				1	1				1	1	
2	371.0	2			2	1			1	1				2	2	
3	372.0	3			2	1			2	1				3	3	
2	373.0	2			1				1					2	2	
3	374.0	2			2	1			2	1	1			3	3	
5	375.0	2			5	1			2	2				5	5	
4	378.0	3							2	1			4	4	4	
6	380.0	3				3			3	2	1		3	6	6	
1	381.0	1											1	1	1	
1	382.0					1			1					1	1	
2	383.0	2				1			1				2	2	2	
6	384.0	3				1			3				4	6	6	
4	385.0	3				1			2				4	4	4	
1	386.0								1				1	1	1	
3	387.0	2							2				2	3	3	
2	388.0								2				1	2	2	
1	388.5					1			1				1	1	1	
1	389.0	1				1			1				1	1	1	
1	390.0	1							1				1	1	1	
2	391.0	1				2			2				2	2	2	
1	391.5								1					1	1	
2	393.0								1				1	2	2	
3	394.0	2				2			2				3	3	3	
4	395.0	1				1			3			4	3	4	4	
1	396.0										4		1	1	1	
5	397.0	2	1						2		5		4	5	5	
4	398.0	2				1			2		4		3	4	4	
3	399.0	1				1			2		3		2	3	3	
4	400.0	2				1			2		4		3	4	4	
1	400.5										1		1	1	1	
3	401.0					1					3			3	3	
2	402.0										2			2	2	
1	402.5					1					1			1	1	
3	403.0										2		1	3	3	
8	404.0	4				3			4		8		5	8	8	
4	405.0	2				1			1		3		3	4	4	
2	406.0	1				1			2		2		1	2	2	
1	406.5	1				1			1		1		1	1	1	
2	407.0	2				1					2		2	2	2	
2	408.0	2								1	2		2	2	2	
6	410.0					2				1	5		3	6	6	
1	411.0												1	1	1	
5	412.0					2					5		3	5	5	
2	413.0					1					2		2	2	2	
1	414.0					1					1			1	1	
2	415.0					2					2		1	2	2	
3	416.0										3		2	3	3	
4	417.0					2					3		2	4	4	
4	418.0					3					4		3	4	4	
2	419.0					1					2		1	2	2	

5	420.0				2						5	2		5		
5	421.0				1						5	3		5		
1	422.0										1	1		1		
4	423.0				2						3	2		4		
5	424.0				3						4	3		5		
3	425.0				1						3	2		3		
4	426.0				1				1		4	3		4		
3	428.0											3		3		
1	430.0									1				1		
1	455.0									1				1		
1	478.0									1				1		
1	485.0									1				1		
1	488.0									1				1		
1	493.0									1				1		
1	525.0									1				1		
1	570.0									1				1		
1	591.0									1				1		
1	694.0									1				1		
1	732.0									1				1		
1	825.0									1				1		
1	852.0									1				1		
1	900.0									1				1		
1	905.0									1				1		
1	960.0									1				1		
1	975.0									1				1		
1	985.0									1				1		
1	1005.0									1				1		
1	1055.0									1				1		
1	1080.0									1				1		
1	1215.0									1				1		
1	1285.0									1				1		
1	1290.0									1				1		
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG bk	ENG jms	ENG nw	ENG pnd	ENG px	FIN ro	HOL prk	HOL rb	ITA ado	SCT ds	NDBs
Span [kHz]		87	80	21	50	110	33	23	75.5	103	1013	31	32	50	31	

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	S/P	ITU	Rptr	UTC
378.0	TA	Timisoara / Giarmata		ROU	ado	2239
384.0	WXYZ	UNID		XUU	ado	2239
385.0	WL	Barrow / Walney Isl		ENG	ado	2239
393.0	TAT	Molde / Aro / Tautra		NOR	ado	2239
394.0	DND	Dundee		SCT	ado	2239
403.0	MB	Marsa Brega		LBY	ado	2239
411.0	DP4	Bouri DP4/LCM Oil + Gas Libya		XOF	ado	2239
428.0	CTX	Chateauroux / Deols		FRA	ado	2239
428.0	MUS	Nice / Cote d'Azur		FRA	ado	2239
428.0	TGM	Targu Mures / Vidrasau		ROU	ado	2239
316.0	CAL	Cagliari / Elmas		SAR	bk	2310
417.0	LI	Dusseldorf		DEU	bk	2227
423.0	ZO	Nis / Zitoradja		SRB	bk	2236
424.0	RUS	Reus		ESP	bk	2300
345.0	DA	Tikhoretsk		RUS	ds	0032
348.0	SW	Borisoglebsk		RUS	ds	0002
325.0	CRM	Samsun / Carsamba		TUR	hw	2345
325.0	DP	Diepholz		DEU	hw	0620
325.0	NUT	Hemavan		SWE	hw	2350
326.0	N	Kubinka		RUS	hw	2345
328.0	CEK	Cekmece		TUR	hw	2223
330.0	G	Gerona / Costa Brava		ESP	hw	0245
330.0	NZ	Ust-Labinsk		RUS	hw	2145
333.0	GFC	Statoil Gullfaks C Platform		XOE	hw	2339
335.0	POD	Podgorica		MNE	hw	0130
338.0	A	Moscow / Sheremetyevo		RUS	hw	2150
338.0	M	Moscow / Sheremetyevo		RUS	hw	2345
338.0	RST	Rost		NOR	hw	2315
341.0	BUZ	Bushehr		IRN	hw	2155
342.0	SUT	Hemavan		SWE	hw	2310
345.0	YAT	Tula / Klokovo		RUS	hw	2315
346.0	BRD	Bojnurd		IRN	hw	2310
346.0	Y	Nyiregyhaza		HNG	hw	2130
354.0	PP	Pamplona		ESP	je	2222
375.0	EKO	Ekofisk L		XOE	je	2338
335.0	VA	Egilsstadir / Vad		ISL	jms	0120
350.0	HAY	Haymana		TUR	nw	0100
352.0	BRY	Yenisehir		TUR	nw	2100
352.0	SL	UNID		XUU	nw	2200
353.0	BT	Ali		GEO	nw	2300
358.0	A	UNID		XUE	nw	2000
360.0	BAS	UNID		XUE	nw	0100
362.0	RU	Sevastopol - Belbek		UKR	nw	2000
366.0	UP	Uppsala		SWE	nw	2300
368.0	UW	Edinburgh		SCT	nw	2300
369.0	CM	Avignon / Caumont		FRA	nw	0000
369.0	OO	Ornskoldsvik		SWE	nw	2300
370.0	CW	Kasputin Yar		RUS	nw	2200
370.0	NK	Nizhnensk / Begishevo		RUS	nw	2300
370.0	RT	Moscow / Ramenskoe		RUS	nw	2300
370.0	UMH	Uromiyeh		IRN	nw	0000
380.0	FIL	Horta / Faial Island		AZR	pnd	2155
384.0	SLG	Sligo		IRL	pnd	2155
387.0	CML	Clonmel		IRL	pnd	0945
388.0	COR	Corner for Bromma		SWE	pnd	2155
391.5	EAS	Southampton / Eastleigh		ENG	pnd	1145
393.0	EMW	East Midlands		ENG	pnd	2318
397.0	LM	Borlange / Rommehed / Falun		SWE	prk	2330

398.0	OK	Connaught	IRL	prk	2230
399.0	FM	Trollhattan / Vanersborg	SWE	prk	2230
400.0	EN	Orebro	SWE	prk	2300
401.0	BBA	Benbecula	SCT	prk	2230
401.0	RB	Roros / Rambu	NOR	prk	2200
402.0	LX	Eskilstuna / Kjula	SWE	prk	0000
402.0	TH	Torsby	SWE	prk	2230
403.0	NM	Mora / Slijan	SWE	prk	2100
403.0	OJ	Jonkoping	SWE	prk	2200
404.0	OB	N. Connell / Oban	SCT	prk	2200
404.0	VNG	Vangsnes	NOR	prk	2130
404.0	ZLA	Zilina	SVK	prk	2000
410.0	K	Kaliningrad / Khrabrovo	KAL	prk	2300
416.0	SA	Santander	ESP	prk	2200
419.0	RD	Vasteras / Hasslo	SWE	prk	2230
420.0	LMT	Auch / Lamothe	FRA	prk	2030
420.0	SPP	Sevilla / San Pablo	ESP	prk	2230
421.0	BL	Borlange / Rommehed / Falun	SWE	prk	2200
421.0	BUR	Burnham	ENG	prk	2000
423.0	CWL	Cranwell	ENG	prk	2000
424.0	GRS	Ghriss	ALG	prk	2100
426.0	CTS	Castets	FRA	prk	2300
277.0	CHT	Chiltern	ENG	px	1318
284.0	GNA	Gorna	BUL	px	2031
285.0	LCF	Linkoping / Malmen	SWE	px	2252
288.5	AVD	Avord	FRA	px	2033
292.0	MIA	Melilla	MEL	px	2255
300.0	PV	Novi Sad / Cenej / Petrovaradin	SRB	px	2239
303.0	KPG	Sogndal / Haukasen / Kaupanger	NOR	px	2248
309.0	LG	Satenas / Tune	SWE	px	2258
311.0	LMA	Lima / Bruggen	DEU	px	1321
316.0	EP	Epsom for Heathrow	ENG	px	1322
318.0	BPL	Blackpool	ENG	px	1323
323.0	SBL	Sherburn-In-Elmet	ENG	px	1325
323.0	WPL	Welshpool	WLS	px	1841
380.0	CBL	Campbeltown	SCT	px	2241
321.0	STM	Scilly Isles / St Mary	ENG	rb	2307
1005.0	LO	Klimovsk	RUS	ro	2038
1055.0	IN	Sukhotino	RUS	ro	2035
1080.0	AR	Buzharovo	RUS	ro	2037
1215.0	WT	Kartino	RUS	ro	2021
1285.0	SW	Savelovo	RUS	ro	2020
1290.0	TU	Bely	RUS	ro	1822
277.0	PO	Pulkovo	RUS	ro	2128
299.0	LT	Savasleyka	RUS	ro	2131
320.0	DM	Moscow / Domodedovo	RUS	ro	2126
380.0	BW	Moscow / Sheremetyevo	RUS	ro	2116
405.0	UM	Ivanovskoye	RUS	ro	2114
410.0	SF	Cherusti	RUS	ro	2113
430.0	AJ	Staritza	RUS	ro	2110
455.0	BK	Lipetsk-2	RUS	ro	2106
478.0	MF	Larionovo	RUS	ro	2104
485.0	CW	Krasnaya Gorbatka	RUS	ro	2103
488.0	NPR	Tomaszow-Mazowiecki / Porter	POL	ro	2030
493.0	RW	Maryino	RUS	ro	2050
525.0	PL	Pulkovo / St.Petersburg	RUS	ro	2102
570.0	FE	Oktyabrskiy	RUS	ro	2101
591.0	RN	Penza	RUS	ro	2100
694.0	AL	Algasovo	RUS	ro	2056
732.0	AO	Aksinyino	RUS	ro	2054
825.0	O	Cherepovets	RUS	ro	2052
852.0	OB	Moscow / Vnukovo	RUS	ro	2048
900.0	NE	Nerl	RUS	ro	2046
905.0	UD	Buturlino	RUS	ro	2045
960.0	RP	Sosnovkoye	RUS	ro	2043
975.0	GD	Maloye-Skuratovo	RUS	ro	2040
985.0	FK	Gagarin	RUS	ro	2039
317.0	PPD	Poprad / Tatry	SVK	ze	1942
318.0	AGB	Augsburg	DEU	ze	2139
318.0	KLP	Dubrovnik / Kolocep	HRV	ze	2050
318.0	OTR	Bucuresti / Otopeni	ROU	ze	2305
330.0	OB	Bratislava / M.R Stefanik / South	SVK	ze	2202

FREQUENCIES REVISITED - Progress Statistics (Please see the explanation below)

THEN CLE295 190-1740 kHz 25.08.2023 - 28.08.2023
NOW CLE316 190-1740 kHz 23.05.2025 - 26.05.2025

Listener	Av	Av	Total	Total	NDBs		Max	Max
	km	km	km x	km x			km	km
	THEN	NOW	1000	1000	THEN	NOW	THEN	NOW
CZE my	783	762	77	76	100	100	3687	1904
CZE ze	563	871	56	87	100	100	1712	3107
DEU hw	1327	1276	133	126	100	100	5753	4202
DEU je	855	952	85	95	100	100	4257	2039
ENG jms	384	1119	13	111	34	100	1579	2793
ENG nw	1182	1339	118	129	100	100	4474	3929
ENG px	680	756	35	67	52	89	2627	2396
HOL prk	813	1089	81	109	100	100	3041	2810
HOL rb	718	1085	72	107	100	100	4623	3143
ITA ado	734	880	73	87	100	100	2405	2095
SCT ds	1021	1411	102	140	100	100	3221	3469
Averages:	824	1049	77	103	90	99	3398	2899
% Increase:		27		34		10		-15

Listener	Av	Av	Total	Total	NDBs	NDBs	Max	Max
	km	km	km x	km x			km	km
	THEN	NOW	THEN	NOW	THEN	NOW	THEN	NOW
ENG bk		892		89		100		3019
ENG pnd		949		95		100		2538
FIN ro		946		45		48		2092
Averages:		929		77		83		2550
% 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. Another reason for differences is the use of software which can analyze audio or IQ data allowing us to "see" the NDB idents as opposed to hearing them!