

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 (RXX ID 1119 / JN69gw)
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	jms	John Mills, Chelmsford, Essex
ENG	nw	Noel Waddoup, Clacton
ENG	px	Peter Greatorex, Bolsover, Derbyshire
HOL	rb	Roelof Bakker, Middelburg, Zeeland

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 jms	ENG nw	ENG px	HOL rb
ALG	331.0	HRM	Hassi R.Mel / Tilrempt / Oued Irarra						21		
ALG	353.0	BNA	Beni Amrane			23					
ALG	407.0	BCR	Bechar			01					
ALG	415.0	ON	Oran / Es Senia					00	21		
ALG	423.0	BJA	Bejaia / Soummam			20			20		22
ALG	435.0	IGZ	In Guezzam			23					
AUT	303.0	RTT	Innsbruck / Rattenberg	20	20	23	01	00	20		22
AUT	313.0	KI	Klagenfurt	20		23		22			22
AZE	493.0	NO	Nakhchivan			23					
AZR	331.0	SC	Santa Cruz Das Flores			00					23
BAL	351.0	CST	Costix for Palma De Mallorca		21	23	01	00	20		
BAL	401.0	PTC	Porto Colom for Palma De Mallorca						01		
BIH	397.0	LU	Banja Luka								01
BIH	405.0	IL	Sarajevo / Ilidza			23	02	22	21		22
BIH	425.0	DNC	Mostar	22		23		22			
BIH	445.0	TU	Tuzla	23	23	19	00				
BUL	297.0	BD	Pazardjik / Malak Chardak	20		20					
BUL	399.0	KMN	Burgas / Kamenar	23	22	23		00	00		
CAN, NL	281.0	CA	Cartwright						02		02
CNR	389.0	BX	La Palma			02		22	02		
COR	375.0	CV	Calvi / Ste Catherine		22	21	22	00	20		22
CZE	365.0	L	Karlovy Vary / Vrata	21	21	23		22			
DEU	311.0	CEL	Celle	20	21	23	21	00	22		22

DEU	311.0	LMA	Lima / Bruggen	20	20	23	21	12	20	16	22
DEU	337.0	LHR	Lahr / Schwarzwald	20	21	23	01	00	20	20	22
DEU	341.0	ALG	Memmingen / Allgau	20		23		00	01		22
DEU	357.0	SKZ	Leipzig / Halle	21	21	23	22	00	22		22
DEU	365.0	LJ	Koln / Bonn	21	21	01	02	23	01		22
DEU	369.0	MNE	Munchen	22	21	23	23	00	20		22
DEU	371.0	MYN	Munster / Osnabruck	22	21	23	22	12	20		22
DEU	407.0	LUP	Laupheim	22	22	23	02	00	20		22
DEU	431.0	KBA	Karlsruhe / Baden Baden	23	23	23	01	00	20		22
DEU	489.0	SIL	Siegen / Siegerland	23	23	19	21	00	20		22
DNK	321.0	VO	Vojens / Skrydstrup	20		23	21	12	20	14	22
DNK	357.0	KD	Kolding / Vamdrup	20		23	22	12	20		22
ENG	277.0	CHT	Chiltern	20		23	23	12	20		22
ENG	321.0	STM	Scilly Isles / St Mary			23		22	01		01
ENG	323.0	SBL	Sherburn-In-Elmet					12	20	15	
ENG	331.0	GST	Gloucester			23	22	12	20	15	22
ENG	337.0	EX	Exeter			22		12	02		
ENG	337.0	WTN	Warton			23		12	20	15	
ENG	339.0	BIA	Bournemouth			23	21	12	20	15	22
ENG	343.0	YVL	Yeovil / Westland			23		12	20	15	01
ENG	347.0	NQY	Newquay	21		23	23	12	20	14	22
ENG	365.0	KIM	Kirmington							15	
ENG	385.0	WL	Barrow / Walney Isl							13	
ENG	393.0	EMW	East Midlands			22		12	20	15	22
ENG	423.0	CWL	Cranwell			23		12	20	13	22
ESP	335.0	TON	Torralba de Aragon	20	21	23	02	00	20		01
ESP	345.0	VTA	Vitoria			00		23	20		22
ESP	387.0	AV	Asturias / Aviles	22				21			22
ESP	389.0	ZRZ	Zaragoza	22	22	23	20	00	20		22
ESP	395.0	B	Bilbao	21							
ESP	399.0	EAG	Logrono / Agoncillo	22		23	02	00	20		22
ESP	401.0	COA	La Coruna			23		00	20		22
ESP	417.0	CVT	Madrid / Cuatro Vientos	23		23	02	00	20		22
ESP	433.0	JER	Jerez			22		00	20		22
FRA	309.0	DO	Dole / Tavaux	20		23	21	00	20		22
FRA	321.0	TL	Tarbes / Ossun / Lourdes			23	21	00	20		22
FRA	327.0	MVC	Merville / Calonne	20	20	23	22	12	20	14	22
FRA	339.0	FG	Montpellier / Mediterranee	20		23	21	00	20		22
FRA	347.0	CVT	Chalons / Vatry	21	21	23	01	12	20		22
FRA	351.0	BSC	Brive / Souillac	21		23	01	00	20		22
FRA	359.0	LOR	Lorient / Lann Bihoue	21			21				
FRA	367.0	VAT	Chalon / Vatry	21		23	21	12	20		22
FRA	369.0	CM	Avignon / Caumont	22		23	21	22	20		01
FRA	373.0	LCT	Le Luc / Le Cannet	22	22	23		00	20		22
FRA	383.0	MAR	Marseille / Provence	21	22	23	21	00	20		22
FRA	391.0	BV	Beauvais / Tille	21		23	00	12	20		22
FRA	395.0	OB	Marseille / Provence	22	22	23	21	00	20		22
FRA	397.0	BLB	Blois / Le Breuil	23		23	21	12	20		22
FRA	397.0	PO	Pau / Pyrenees	22		23		00	20		22
FRA	397.0	ZR	Beziers / Vias			23	21	23	20		22
FRA	413.0	ALM	Aix Les Milles		22	23	21	00	20		22
FRA	417.0	AX	Auxerre / Branches			23	22	12	20		22

FRA	419.0	EMT	Epinal / Mirecourt	23	22	23	01	00	20		01
FRO	337.0	MY	Myggenaes			23	00	00	22		22
GEO	353.0	BT	Ali	20		23					
GRC	353.0	PAK	Preveza / Aktion					21			
GSY	383.0	ALD	Alderney	22		23	22	12	20	13	22
HNG	295.0	DC	Debrecen	20	23	23	01		21		
HNG	383.0	EN	Debrecen			20		21			
HOL	373.0	NW	Maastricht / Beek			21					
HRV	265.0	KAV	Pula / Kavran	20	20	22	23	23			22
HRV	289.0	RI	Rijeka / Krk	20	20	23	01	22	20		22
HRV	325.0	VG	Zagreb / Pleso / Velika Gorica	20		23	01	22	21		
HRV	385.0	BO	Zadar / Bokanjac	21		23	21	00	20		22
HRV	421.0	SAL	Zadar / Sali	23	22	23	01	00	20		01
HRV	429.0	LOS	Losinj	23	22	23	23	00	20		22
HRV	433.0	CRE	Cres	23	23	23	23	00	20		22
IOM	359.0	RWY	Isle Of Man / Ronaldsway			21	01	12	20	15	01
IRL	339.0	OL	Shannon			23		00	02		22
IRL	361.0	CFN	Donegal / Carrickfin			23	01	00	01		
IRL	387.0	CML	Clonmel			23			23		22
IRL	395.0	FOY	Foynes for Shannon					23			22
IRN	321.0	ZAJ	Zanjan			23					
IRN	355.0	ARB	Ardabil			23		21			
IRN	393.0	RST	Rasht			20					
ISL	345.0	HL	Vestmannaeyjar / Helgafell					00	00		23
ITA	371.0	RIV	Codroipo / Rivolto (UD)	21		23	22	22	20		22
ITA	479.0	RAV	Ravenna (RA)	23	23	22	00	00	20		22
JSY	329.0	JW	Jersey			23	01	12	20		22
KAL	489.0	CM	Donskoye	23		19	21	21	20		
LBY	357.0	RJ	Tripoli / Mitiga			21		22	20		
LTU	343.0	KUS	Kaunas / Karmelava	20	21	23	21	22	20		22
LTU	407.0	PN	Palanga	23	22	23	00	00	20		22
MKD	295.0	PT	Skopje	20	20	23		21			
MKD	297.0	PEP	Prilep	20	20	22		20			
MNE	345.0	TAZ	Tivat	20	21	20	20	22	21		22
MRC	345.0	CSD	Daouarat			22		00	20		01
MRC	409.0	IFN	Ifrane						20		
NOR	303.0	KPG	Sogndal / Haukasen / Kaupanger			23	00	22	22		23
NOR	329.0	NMS	Namsos			23	23		22		23
NOR	335.0	LR	Mosjoen / Laksfors			23					
NOR	345.0	STM	Strommen / Mo I Rana			23					
NOR	369.0	STG	Stegen			23	23	22	22		23
NOR	381.0	RG	Rygge / Tune			23	22	23	22		
NOR	385.0	VNS	Trondheim / Vaernnes			23					
NOR	389.0	HN	Orsta-Volda / Hovden			23		22	22		23
NOR	393.0	TAT	Molde / Aro / Tautra			23	23	00	22		23
NOR	401.0	RBU	Roros / Rambu		22	23	23	22	22		22
ORK	395.0	KW	Kirkwall / Orkney Isl.			23	00	00	22		
POL	297.0	NA	Mirosławiec			23	22	21	23		
POL	345.0	NB	Malbork	21	21	23	00	22	21		22
POL	385.0	NWT	Leczyca	22	22	23	01	00	22		22
POL	437.0	NP	Tomaszow-Mazowiecki / Porter	23	23	23	22	00			22
ROU	349.0	OPE	Bucuresti / Otopeni	21	21	20	23	22	00		22

ROU	351.0	ISI	Iasi	21	21	23	23	22	20		23
ROU	381.0	SIB	Sibiu / Turnisor	21		23	00	00	00		22
ROU	521.0	BSW	Bucuresti / Baneasa	23	23	20	22	00	23		22
RSE	315.0	RN	Roschino / Tyumen Northwest			21					
RUS	277.0	PO	Pulkovo		21	23	23	22	22		
RUS	287.0	AZ	Samara / Kurumoch			22					
RUS	299.0	CN	Savasleyka			22					
RUS	305.0	N	Ostafyevo								01
RUS	307.0	LA	Lazarevskoye	20		20					
RUS	319.0	KA	Voronezh / Baltimor			23					22
RUS	327.0	XI	Torzhok			21					
RUS	335.0	FV	Venev	20		21	23	22	21		22
RUS	345.0	DA	Tikhoretsk			22					
RUS	345.0	KO	Tikhoretsk			23					
RUS	345.0	YAT	Tula / Klokovo			22					
RUS	375.0	BW	Balakovo			21		22			
RUS	375.0	DB	Pochinok			21		22	22		
RUS	377.0	KR	Krasnodar / Pashkovskiy			23					
RUS	387.0	MA	Levashovo			22					
RUS	405.0	FP	Cherepovets			21					
RUS	405.0	OM	Volgograd-Marinovka			22					
RUS	405.0	UM	Ivanovskoye	22		23					
RUS	415.0	WP	Tsentralny / Orenburg			22					
RUS	435.0	ER	Yegorlykская			22					
RUS	435.0	LG	Chkalovskij			22					
RUS	445.0	KM	Kem			22					
RUS	455.0	AZ	Lipetsk-2			20	22	22			
RUS	455.0	KZ	Kizliar			23					
RUS	475.0	K	Orenburg-2			21					
RUS	475.0	PT	Petrovskoye			20		22			
RUS	479.0	GR	Saratov / Gagarin			22					
RUS	485.0	CW	Krasnaya Gorbatka			20		22	20		22
RUS	493.0	RW	Maryino			20	23	22	21		
RUS	515.0	XS	Rostov Na Donu			21					
RUS	525.0	PL	Pulkovo / St.Petersburg	23		21	22	22	22		01
RUS	527.0	TE	Terbuny	23	23	22					
SAR	331.0	DEC	Decimomannu (CA)	20	21	23	21	00	20		22
SCT	331.0	GLW	Glasgow			23			21		
SCT	341.0	EDN	Edinburgh			23	00	00	01		22
SCT	355.0	PIK	Prestwick			23	01	00	21		22
SCT	401.0	BBA	Benbecula			23	01	00	22		
SCT	431.0	SAY	Stornoway			23	00	00	22		22
SHE	351.0	SBH	Sumburgh Head			23	00	00	20		22
SRB	255.0	NS	Nis	20	20	23	01	20			
SRB	337.0	VRN	Vranje	20	21	23		22			22
SRB	355.0	OBR	Beograd / Obrenovac	20	21	23	01	22	20		
SRB	387.0	AD	Kraljevo	21		21		21			
SRB	405.0	JST	Nis / Justic	23	22	23	21	00	20		22
SRB	423.0	ZO	Nis / Zitoradja	23		23	21	23			
SRB	435.0	BR	Brdjani	22		23	01	22	23		01
SRB	485.0	IA	Indija	23	23	19		00	21		22
SRB	495.0	PA	Pancevo	23	23	20	00	22	23		22

SVK	231.0	R	Malacky - Kuchyna	20	20	23	01				22
SVK	317.0	PPD	Poprad / Tatry	20	17	20	23	21			22
SVK	391.0	OKR	Bratislava / M.R Stefanik / North	22	22	23	23	00	22		22
SVK	425.0	KE	Kosice	23		23	23	00	23		22
SVK	477.0	RP	Malacky - Kuchyna	23	23	20	22	00	01		22
SVN	355.0	MI	Maribor	21	21	20	01	22			
SVN	359.0	RK	Cerklje	21		23		22	20		
SVN	463.0	CL	Cerklje	23	23	21	01	00	20		22
SWE	285.0	LCF	Linkoping / Malmen	20	20	23	00	22	22		22
SWE	309.0	LG	Satenas / Tune	20		23	00	00	22		22
SWE	325.0	PG	Trollhattan / Vanersborg	20		23	23	22	22		22
SWE	329.0	VX	Vaxjo / Kronoberg	20		23	23	00	22		22
SWE	329.0	WU	Umea			23		23			23
SWE	333.0	LE	Vasteraas / Hasslo			23	23	00	22		22
SWE	341.0	NKS	Karlstad			23	00	22	22		22
SWE	349.0	JX	Vaxjo / Kronoberg	21	21	23	21	00	20		22
SWE	363.0	OEM	Kristianstad / Everod	21	21	23	22	00	20		22
SWE	369.0	OO	Ornskoldsvik			22					
SWE	375.0	KD	Kristanstad / Everod		22	23	22				
SWE	375.0	RB	Orebro	22		23	23	00	22		22
SWE	377.0	OL	Lulea / Kallax			22					
SWE	377.0	SM	Mora / Siljan		22	23	23	22	22		
SWE	397.0	LM	Borlange / Rommehed / Falun								22
SWE	399.0	FM	Trollhattan / Vanersborg			23	00	00	22		23
SWE	403.0	NM	Mora / Slijan			23		22	22		22
SWE	403.0	OJ	Jonkoping		22	23	00	00	22		22
SWE	409.0	SG	Satenas / Tune	22	22	23	22	23			22
SWE	417.0	AH	Angelholm / Barkakra	23	22	23	21	00	20		22
SWE	419.0	RD	Vasteras / Hasslo	22	22	23	00	00	22		22
SWE	421.0	BL	Borlange / Rommehed / Falun			21	23	00	22		22
SWE	421.0	MF	Halmstad	23	22	23	23	00	20	21	01
TJK	385.0	PF	Ura-Tyube			23		21			
TUR	363.0	CIG	Izmir / Cigli / Kaklic		21	21					
TUR	487.0	BEY	Bey pazari			23					
UKR	285.0	N	Simferopol						22		
UKR	295.0	YN	Vasilkov			23					
UKR	445.0	ZU	Starokonstantinov			20					
UZB	485.0	N	Urganch			23					
XOE	333.0	GFC	Statoil Gullfaks C Platform			23	00				
XOE	349.0	SPA	Sleipner A platform			23					
XOE	353.0	OBA	Oseberg A platform				00				
XOE	375.0	EKO	Ekofisk L			23	01	12	20	15	22
Cou, S/P	QRG	ID	Name	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG px	HOL rb

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 jms	ENG nw	ENG px	HOL rb	Total
ALG	Algeria			4		1	3		1	6

AUT	Austria	2	1	2	1	2	1		2	2
AZE	Azerbaijan			1						1
AZR	Azores			1					1	1
BAL	Balearic Islands		1	1	1	1	2			2
BIH	Bosnia-Herzegovina	2	1	3	2	2	1		2	4
BUL	Bulgaria	2	1	2		1	1			2
CAN	Canada, NL						1		1	1
CNR	Canary Islands			1		1	1			1
COR	Corsica		1	1	1	1	1		1	1
CZE	Czechia	1	1	1		1				1
DEU	Germany	11	10	11	10	11	11	1	10	11
DNK	Denmark	2		2	2	2	2	1	2	2
ENG	England	2		10	4	11	11	10	8	13
ESP	Spain	6	2	7	4	8	7		8	9
FRA	France	15	7	18	17	18	18	1	18	19
FRO	Faroe Islands			1	1	1	1		1	1
GEO	Georgia	1		1						1
GRC	Greece					1				1
GSY	Guernsey	1		1	1	1	1	1	1	1
HNG	Hungary	1	1	2	1	1	1			2
HOL	Netherlands			1						1
HRV	Croatia	7	5	7	7	7	6		6	7
IOM	Isle Of Man			1	1	1	1	1	1	1
IRL	Ireland			3	1	3	3		3	4
IRN	Iran			3		1				3
ISL	Iceland					1	1		1	1
ITA	Italy	2	1	2	2	2	2		2	2
JSY	Jersey			1	1	1	1		1	1
KAL	Kalinigrad	1		1	1	1	1			1
LBY	Libya			1		1	1			1
LTU	Lithuania	2	2	2	2	2	2		2	2
MKD	Macedonia	2	2	2		2				2
MNE	Montenegro (Yugoslavia)	1	1	1	1	1	1		1	1
MRC	Morocco			1		1	2		1	2
NOR	Norway		1	10	6	6	7		6	10
ORK	Orkney Islands			1	1	1	1			1
POL	Poland	3	3	4	4	4	3		3	4
ROU	Romania	4	3	4	4	4	4		4	4
RSE	Russia (Eastern)			1						1
RUS	Russia (European)	5	2	31	5	9	6		5	32
SAR	Sardinia	1	1	1	1	1	1		1	1
SCT	Scotland			5	4	4	5		3	5
SHE	Shetland Islands			1	1	1	1		1	1
SRB	Serbia (Yugoslavia)	9	6	9	6	9	5		5	9
SVK	Slovakia	5	4	5	5	4	3		5	5
SVN	Slovenia	3	2	3	2	3	2		1	3
SWE	Sweden	11	10	22	18	19	17	1	19	23
TJK	Tajikistan			1		1				1
TUR	Turkey		1	2						2
UKR	Ukraine			2			1			3
UZB	Uzbekistan			1						1
XOE	Int Waters: Europe			3	3	1	1	1	1	4

Cou	Cou-Name	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG px	HOL rb	Total
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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 jms	ENG nw	ENG px	HOL rb
00:00 - 00:59			2	21	70	4		
01:00 - 01:59			2	24		7		13
02:00 - 02:59			1	6		4		1
03:00 - 03:59								
04:00 - 04:59								
05:00 - 05:59								
06:00 - 06:59								
07:00 - 07:59								
08:00 - 08:59								
09:00 - 09:59								
10:00 - 10:59								
11:00 - 11:59								
12:00 - 12:59					24			
13:00 - 13:59							3	
14:00 - 14:59							3	
15:00 - 15:59							9	
16:00 - 16:59							1	
17:00 - 17:59		1						
18:00 - 18:59								
19:00 - 19:59			4					
20:00 - 20:59	35	10	17	2	2	76		
21:00 - 21:59	22	23	17	24	10	12	1	
22:00 - 22:59	19	23	21	19	40	32		104
23:00 - 23:59	26	13	138	25	9	6		10
UTC (hh)	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG px	HOL rb
NDBs:	102	70	202	121	155	141	17	128

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 jms	ENG nw	ENG px	HOL rb	NDBs
1	231.0	1	1	1	1				1	1
1	255.0	1	1	1	1	1			1	1
1	265.0	1	1	1	1	1			1	1
2	277.0	1	1	2	2	2	2		1	2
1	281.0						1		1	1
2	285.0	1	1	1	1	1	2		1	2
1	287.0			1					1	1
1	289.0	1	1	1	1	1	1		1	1

3	295.0	2	2	3	1	1	1			3
3	297.0	2	1	3	1	2	1			3
1	299.0			1						1
2	303.0	1	1	2	2	2	2		2	2
1	305.0								1	1
1	307.0	1		1						1
2	309.0	2		2	2	2	2		2	2
2	311.0	2	2	2	2	2	2	1	2	2
1	313.0	1		1		1			1	1
1	315.0			1						1
1	317.0	1	1	1	1	1			1	1
1	319.0			1					1	1
4	321.0	1		4	2	3	3	1	3	4
1	323.0					1	1	1		1
2	325.0	2		2	2	2	2		1	2
2	327.0	1	1	2	1	1	1	1	1	2
4	329.0	1		4	3	3	3		4	4
5	331.0	1	1	4	2	2	4	1	3	5
2	333.0			2	2	1	1		1	2
3	335.0	2	1	3	2	2	2		2	3
5	337.0	2	2	5	2	5	4	1	3	5
3	339.0	1		3	2	3	3	1	3	3
3	341.0	1		3	2	3	3		2	3
2	343.0	1	1	2	1	2	2	1	2	2
9	345.0	2	2	8	2	5	5		5	9
2	347.0	2	1	2	2	2	2	1	2	2
3	349.0	2	2	3	2	2	2		2	3
4	351.0	2	2	4	4	4	4		3	4
4	353.0	1		2	1	1				4
4	355.0	2	2	4	3	4	2		1	4
3	357.0	2	1	3	2	3	3		2	3
3	359.0	2		2	2	2	2	1	1	3
1	361.0			1	1	1	1			1
2	363.0	1	2	2	1	1	1		1	2

3	365.0	2	2	2	1	2	1	1	1	3
1	367.0	1		1	1	1	1		1	1
4	369.0	2	1	4	3	3	3		3	4
2	371.0	2	1	2	2	2	2		2	2
2	373.0	1	1	2		1	1		1	2
6	375.0	1	2	6	4	5	4	1	3	6
3	377.0		1	3	1	1	1			3
2	381.0	1		2	2	2	2		1	2
3	383.0	2	1	3	2	3	2	1	2	3
5	385.0	2	1	4	2	3	2	1	2	5
4	387.0	2		3		2	1		2	4
3	389.0	1	1	3	1	3	3		2	3
2	391.0	2	1	2	2	2	2		2	2
3	393.0			3	1	2	2	1	2	3
4	395.0	2	1	2	2	3	2		2	4
5	397.0	2		3	2	3	3		5	5
3	399.0	2	1	3	2	3	3		2	3
4	401.0		1	3	2	3	4		2	4
2	403.0		1	2	1	2	2		2	2
5	405.0	2	1	5	2	2	2		2	5
3	407.0	2	2	3	2	2	2		2	3
2	409.0	1	1	1	1	1	1		1	2
1	413.0		1	1	1	1	1		1	1
2	415.0			1		1	1			2
3	417.0	2	1	3	3	3	3		3	3
2	419.0	2	2	2	2	2	2		2	2
3	421.0	2	2	3	3	3	3	1	3	3
3	423.0	1		3	1	3	2	1	2	3
2	425.0	2		2	1	2	1		1	2
1	429.0	1	1	1	1	1	1		1	1
2	431.0	1	1	2	2	2	2		2	2
2	433.0	1	1	2	1	2	2		2	2
4	435.0	1		4	1	1	1		1	4
1	437.0	1	1	1	1	1			1	1
3	445.0	1	1	3	1					3
2	455.0			2	1	1				2
1	463.0	1	1	1	1	1	1		1	1
2	475.0			2		1				2
1	477.0	1	1	1	1	1	1		1	1
2	479.0	1	1	2	1	1	1		1	2
3	485.0	1	1	3		2	2		2	3
1	487.0			1						1
2	489.0	2	1	2	2	2	2		1	2
2	493.0			2	1	1	1			2
1	495.0	1	1	1	1	1	1		1	1
1	515.0			1						1
1	521.0	1	1	1	1	1	1		1	1
1	525.0	1		1	1	1	1		1	1
1	527.0	1	1	1						1
NDBs	QRG	CZE my	CZE ze	DEU hw	DEU je	ENG jms	ENG nw	ENG px	HOL rb	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	S/P	ITU	Rptr	UTC
287.0	AZ	Samara / Kurumoch		RUS	hw	2205
295.0	YN	Vasilkov		UKR	hw	2335
299.0	CN	Savasleyka		RUS	hw	2240
315.0	RN	Roschino / Tyumen Northwest		RSE	hw	2110
321.0	ZAJ	Zanjan		IRN	hw	2320
327.0	XI	Torzhok		RUS	hw	2125
335.0	LR	Mosjoen / Laksfors		NOR	hw	2305
345.0	DA	Tikhoretsk		RUS	hw	2205
345.0	KO	Tikhoretsk		RUS	hw	2340
345.0	STM	Strommen / Mo I Rana		NOR	hw	2340
345.0	YAT	Tula / Klokovo		RUS	hw	2250
349.0	SPA	Sleipner A platform		XOE	hw	2310
353.0	BNA	Beni Amrane		ALG	hw	2305
369.0	OO	Ornskoldsvik		SWE	hw	2210
373.0	NW	Maastricht / Beek		HOL	hw	2130
377.0	KR	Krasnodar / Pashkovskiy		RUS	hw	2340
377.0	OL	Lulea / Kallax		SWE	hw	2250
385.0	VNS	Trondheim / Vaernes		NOR	hw	2345
387.0	MA	Levashovo		RUS	hw	2205
393.0	RST	Rasht		IRN	hw	2040
405.0	FP	Cherepovets		RUS	hw	2130

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

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 aeriels, 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 aeriels, 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!