

NDB LIST CLE No. 138 PYRAMID BUILDING 25 Dec. 2010 - 4 Jan. 2011, midday-midday local time

**COMBINED RESULTS
EUROPE**

For overall statistics, please see the covering email.

Reporters:

CZE	jp	Jiri Prokop (via Zdenek), Alsovice, near Jablonec nad Nisou
CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	ho	Joerg Hochheimer, Nr Frankfurt
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	cy	Chris McCarthy, Ispwich, Suffolk
ENG	ds	David Atkins, Abbots Langley
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	me	Mike Thayne, Whitley Bay
ENG	px	Peter Greateorex, Bolsover, Derbyshire
ENG	py	Peter Conway, Hastings
FRA	jj	Jean Jacquemin, Bethune, Merville, near Lille
HOL	ft	Frank Thijs, Hoeven
HOL	pl	Pieter Lamers, Oosterhout, Noord Brabant
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 me know (ndbcle'at'gmail.com
- replace the 'at' by an '@' symbol)

PYRAMIDS SUMMARY:

This table summarises each listener's results - aerial height, pyramid size and the radio countries at each level.

E.g. Jiri's ('jp') column shows that 5 NDBs in Finland were logged at level 5 in his size 10 pyramid.

The 'aerial' height (countries with one NDB logged) should be the same as the pyramid base size, where possible.

The gaps in the table are where the program did not find that number of loggings for a radio country.

34																			34
35																			35
36		DEU																	36
No. of NDBs	CZE jp	CZE my	CZE ze	DEU ho	DEU hw	DEU je	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FRA jj	HOL ft	HOL pl	HOL rb	No. of NDBs	

COUNTRIES HEARD:

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

Cou	Country	CZE jp	CZE my	CZE ze	DEU ho	DEU hw	DEU je	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FRA jj	HOL ft	HOL pl	HOL rb
ALB	Albania		1	1	1	1		1	1	1		1			1		1	
ALG	Algeria		1	1		8			1			1		5				8
ARM	Armenia					1												
ASC	Ascension Is.					1								1				1
ATG	Antigua and Barbuda					1								1				1
AUT	Austria	3		13	1	12	15			3	4	6	1		10	12	9	15
AZR	Azores					3				4		2		6		1		5
BAH	Bahamas					1								1				1
BAL	Balearic Is.			2			2			1		1			4			
BEL	Belgium	1	1	6			1	6	9	9	5				12	10	11	
BIH	Bosnia-Herzegovina		1	7	1		6			1	1	1			1		4	
BLR	Belarus			1			1											1
BRA	Brazil													3				
BRI	Bear Is.(Bjornoya)					1						1						1
BUL	Bulgaria		9	8		11	1		1	1	1	1			1	1	1	1
CAN	Canada, MB					1												1
CAN	Canada, NL					9	7	3	1	2	1	8	5	1	7	1	3	9
CAN	Canada, NS					1	1			1		1						
CAN	Canada, NU					4	1					1			1			7
CAN	Canada, QC					5	1			1		2	1	1	1			10
CHN	China (PRC)					1												
CNR	Canary Is.					1			1			3		4				1
COR	Corsica	1		1			1								1		1	
CPV	Cape Verde Is.					1		1	1	1		1		1	1		1	1

CYM	Cayman Is.				1							2				2		
CYP	Cyprus				1													
CZE	Czech Rep.	9	15	17	1	23	9				1			9	7	1	12	
DEU	Germany	7	36	25	19	17	25	1	14	13	12	14	4	13	20	22	17	18
DNK	Denmark		7	9		18	16			1	1	10			1		8	14
DOM	Dominican Rep.					1												1
ENG	England		1			19	21			16	13	18	9	14	18	19	19	27
ESP	Spain	1		1		28	1	1	10	14	9	22	7	12	21		13	24
EST	Estonia		1	1											1	1	1	
FIN	Finland	5	24	21		27	17	10	6	7	10	20	2	8	16	15	15	27
FRA	France	2	17	12	7	29	19	7	15	15	14	20	8	15	24	21	17	19
FRO	Faroe Is.			1		1					1	1					1	
GEO	Georgia					2												1
GRC	Greece		1	1					1					1		1		1
GRL	Greenland		1	1		1	1	1			1	1	1	1	1	1	1	1
GSY	Guernsey						1				1	1			2	1	1	
HNG	Hungary	1	14	14		24	18				1	9			13	9	7	21
HOL	Netherlands		4	1	1	13	11		9	8		1			14	13	1	
HRV	Croatia			19		25	20		5	1	1	18			17	13	14	23
IOM	Isle of Man						1				1	1			1			
IRL	Ireland			1				4	1		7	12	1		1	1	1	
IRN	Iran			1		10										1		1
ISL	Iceland		1			14	1			6	1	21	1		1	1	6	13
ITA	Italy	10	32	24	1	32	21	2	12	9		23		11	18	20	20	21
JMY	Jan Mayen					1	1		1			1			1	1	1	1
JOR	Jordan													1		1		1
JSY	Jersey		1				1				1					1	1	
KAL	Kaliningrad			1								1						
KAZ	Kazakhstan					1												
LBY	Libya		1	1		7	1		1			1		1	1	1	2	6
LTU	Lithuania		1	1			1		1			1	1			1	1	
LUX	Luxembourg	1		1	4		3								5	5	1	
MDR	Madeira					1				1		1		1	1	1	1	1
MKD	Macedonia			1		1										1	1	
MLT	Malta		1	1		1			1						1	1		1
MNE	Montenegro			4			1										1	
MRC	Morocco								2									1
NGR	Niger					1							1	1				
NIR	Northern Ireland					1												
NOR	Norway	1	19	20	1	30	23	8	12	12	11	23	10	9	23	17	23	26
OMA	Oman					1												
ORK	Orkney Is.					1	1					1						

PAK	Pakistan					1												
POL	Poland	8		23	1	21	14	1	7	1	6	11	6		15	11	16	20
POR	Portugal		1					1	1	5		6	1	7	11	1	1	
PTR	Puerto Rico		1			1	1		1		1	1		1	1	1	1	1
ROU	Romania		8	11		22	5		2						3	1	5	1
RSE	Russia (East)					4												
RUS	Russia (Eu)	1	6	10		32	4					4					1	4
SAR	Sardinia			1			1								2			
SCT	Scotland		3			16	1	5		11	8	16			1	4	1	
SCY	Sicily		1	3			2			2					2		1	1
SHE	Shetland Is.					1				1	1							3
SRB	Serbia	4	13	16	1	20	10		4		3	13			8	8	10	16
SUI	Switzerland			1	1		1		1							3	1	
SVK	Slovakia	1	11	15		15	13		3						6	5	1	
SVN	Slovenia		1	5			1			1			1			1	1	
SWE	Sweden	6	31	22	1	31	24	9		1	1	25	3	10	22	18	21	25
SYR	Syria		1	1		1								1				1
TRD	Trinidad & Tobago													1				1
TUN	Tunisia	1		1		1		1				1			1		1	1
TUR	Turkey		2	1		6												1
UGA	Uganda					1												
UKR	Ukraine	1	19	18		33	8					1			1	2		11
USA	USA, FL					1												
USA	USA, NC					1	1						1					1
UZB	Uzbekistan			1														
WLS	Wales		1				1	1			2	4				1	1	1
XOE	Offshore			1		26	12	1	10	1		15				15	12	17
XUF	UNID					1												
Cou	Country	CZE jp	CZE my	CZE ze	DEU ho	DEU hw	DEU je	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FRA jj	HOL ft	HOL pl	HOL rb

LISTENING TIMES:

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

UTC (hh)	CZE jp	CZE my	CZE ze	DEU ho	DEU hw	DEU je	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FRA jj	HOL ft	HOL pl	HOL rb
00:00 - 00:59	3		14	1	35	39	27		18	13	8	1	13	24	5	18	19
01:00 - 01:59	3		18		47	103	36		16	12	2	1	32	16	17	45	12

02:00 - 02:59		5	15		28	2	1	53	18	12	71		7	32	14	8	9
03:00 - 03:59		13	7	2	18	3		4	16		41		5	32	1		12
04:00 - 04:59			1	7	24				22				4	13	2	5	7
05:00 - 05:59				1	9	32			12				3			2	5
06:00 - 06:59			1		16			4	5		7		2		1	1	5
07:00 - 07:59			1		5				17		13		5		1		3
08:00 - 08:59	2							1			5				12		
09:00 - 09:59	2							12			2				12		
10:00 - 10:59	5		1	5				6			2			1	7	1	13
11:00 - 11:59	2	1		1				6		1						1	25
12:00 - 12:59	1				27	12			7		2			2	5	8	
13:00 - 13:59		11		3	15	33		7	1			9		26	11	11	
14:00 - 14:59		2			8	21		11		4				23	8	3	1
15:00 - 15:59	3		9	4	65	11		11					11	19	7	2	
16:00 - 16:59	3	5	32		56	3		6				3	15		23	15	1
17:00 - 17:59	4	10	47		11	1		1	3	1		7	3	3	15	16	5
18:00 - 18:59	4	13	20	4	55	20			2			1		14	16	52	28
19:00 - 19:59	3	40	26		37	36			4	13		2		37	34	5	43
20:00 - 20:59	7	63	36	1	37	9				29	10	8	1	27	19	5	57
21:00 - 21:59	9	74	54	5	27	3		1		2	27	11	4	18	14	20	84
22:00 - 22:59	5	39	51	3	35	2		12		20	88	16	9	19	46	54	64
23:00 - 23:59	8	13	16	5	74	20			10	12	71	5	20	17	2	8	38
UTC (hh)	CZE jp	CZE my	CZE ze	DEU ho	DEU hw	DEU je	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FRA jj	HOL ft	HOL pl	HOL rb

LISTENING DAYS & TIMES

25th Dec. - 4th Jan.

After the 10 day long CLE, this special table may be of interest.

It shows the number of NDBs logged by each listener on the days and times shown.

(E.g. 25 12 is December 25th, 12:00 - 12:59 UTC)

Extra high figures probably arise from the later analysis of recordings.

dd - hh	bk	cy	ds	ft	hh	ho	hw	je	jj	jp	me	my	pl	px	py	rb	ze
25 12							27	12	2		2		8				
25 13							15	33	26			3	11				
25 14				7			8	21	23				3			1	
25 15							2	7	18								
25 16				15			6					5	13				1
25 17				4	1			1				10				1	27
25 18				6			6	17	10			1	30			4	10

27 15		3	4	4	41								2
27 16			5		11								11
27 17			4		7				5				6
27 18				4	29	1	1			19		1	
27 19			13	5	14	11	7		13				7
27 20			7	19	4	3	3		18		1		6
27 21			4		1		1		13	3	2	10	11
27 22		1	9		7				1	20		3	1
27 23			10	2	8							5	
28 00			18	3						4		1	1
28 01			16	1	6					23		14	
28 02			18		2		2			1		3	2
28 03			16		2		3					4	9
28 04			22		3		1					1	4
28 05			12		2	8						1	
28 06			5		6							1	
28 07			17	1	2							4	1
28 08		1	1										
28 09		12											
28 10		6											
28 15			3		1							11	2
28 16			3		30							15	6
28 17			4									3	12
28 18					14				12				10
28 19			11		6		2		12			1	
28 20			6		8		7		12				6
28 21			2		4	1							4
28 22			10		8	1	1			8		1	3
28 23					11	12						2	
29 00			1		13	21				1		3	
29 01			1		30					4		7	
29 02			7				6					1	
29 03					1		1						
29 04					1							1	
29 06			1										
29 07												1	
29 12			7										
29 13			1						8				
29 14									2				
29 15					6								
29 16					2								
29 17			3	3			1						

29 18			2														
29 19			4													2	
29 20								2			5					1	
29 21											12	1				1	
29 22				3							4					3	
29 23							1	1		1	2				2		1
30 00						1	1									1	
30 01							1								3		
30 02					1												
30 03				1			2										
30 04				2					3								
30 06		4					2								1		
30 11		1															
30 13				2													
30 15									1								
30 16																5	
30 17									2							1	
30 18								2	3			1			4		
30 19							2	14			2				25	1	
30 20							4	1			4				32		
30 21							2	1	2		3	9			53	2	
30 22				4			14		2		1	6	5		55		
30 23					1		10				1	2			24		
31 00							11								8		
31 01				3			1								1		
31 02							7										
31 03							10	1								3	
31 04							7								1		
31 05							2								2		
31 06							7							1			
31 07															1		
31 08										1							
31 09										1							
31 10										4					12		
31 11										2					25		
31 12				1						1							
31 13				7													
31 14				1													
31 15										1							
31 16										2		1					
31 17										4		6					
31 18										2							

31 19				8		7		1									
31 20				10		3		1		1							1
31 21				6				2			11					3	
31 22				16		1					3				4	1	
31 23						2									8		
1 00	27			1		1	15										1
1 01	36					1	16					1					
1 02	1	53				1					4	7			2		
1 03		4				1									1		
1 04						1											
1 05							1										
1 08									1								
1 09									1								
1 10									1								
1 15						3						2				1	
1 16						5						1					
1 17						2						2					
1 18				1		1			2								
1 19									1								
1 20						1			1		1	1					
1 21				2		2			6		1	3					
1 22						1			3			3					
1 23							1		6		1	2			1		
2 00						1			2								
2 01				3		7			3						1		
2 02				2		1											
2 03						1											
2 04						5						5					
2 05												1					
2 07																	1
2 10															1		
2 14				4													
2 15						6											
2 16						1	1										
2 17												3					
2 18												2					
2 20												4					
2 21											2	2					
2 22											3	1			1		
2 23									2		4	5					
3 00									1								
3 02											1						

ALG	397	CHE	Cherchell										22				0	
ALG	397	CNE	Constantine				2											
ALG	407	BCR	Bechar				2					22	4				22	
ALG	413	MCH	Mecheria										0				0	
ALG	415	ON	Oran					2					0					
ALG	423	BJA	Bejaia Soummam														23	
ARM	496	ER	Yerevan				1											
ASC	360	ASN	Ascension Is.				1						1				0	
ATG	369	ZDX	Saint Johns				4						7				2	
AUT	290	GRZ	Graz		0		12	1								19	1	
AUT	293	STE	Wien Steinhof	15	0		12	1										
AUT	303	RTT	Innsbruck Rattenberg		17	4		1			0	19	6		4	22	0	23
AUT	313	AB	Innsbruck Absam												20			23
AUT	313	KI	Klagenfurt				18	1			0				2	2		23
AUT	315	TF	Trausdorf Wiener Neu				20	1										20
AUT	327	LNZ	Linz Horsching	15	17			15			1	19	2	21	4	1	23	
AUT	356	SU	Salzburg													15		
AUT	358	TUN	Tulln for Schwechat		17		7	1				22				16	23	21
AUT	374	KFT	Klagenfurt		17		16	1							4	18	21	21
AUT	382	SBG	Salzburg Oberndorf		17			0				22			17	4		21
AUT	405	KW	Klagenfurt		16		2											22
AUT	408	BRK	Wien Bruck		18		16	1				20	23		1	0	18	22
AUT	410	SI	Salzburg		19			1								1	1	22
AUT	413	KTI	Innsbruck Kühtai		19		16	0				22			20			22
AUT	418	ZW	Zeltweg				16	1									20	22
AUT	420	INN	Innsbruck	16	16		16	1							3	22	22	22
AUT	426	GBG	Gleichenberg for Graz		18		16	1				21			22	17	22	22
AZR	323	SMA	Santa Maria													2		
AZR	331	SC	Santa Cruz Das Flores				0				2	3		0				0
AZR	341	GP	Lajes								4	20		23				0
AZR	351	PD	Ponta Delgada											7				0
AZR	360	HT	Horta				1				4			7				0
AZR	380	FIL	Horta Faial Is				0				4			7				
AZR	420	PI	Pico Is.											3				
AZR	428	GC	Santa Cruz de Gracios															0
BAH	376	ZIN	Great Inagua Matthew				4							5				2
BAL	344	MN	Minorca		23			1				21			0			
BAL	351	CST	Costix Majorca												2			

BUL	415	RUS	Russe			21		2			2								
BUL	450	PDV	Plovdiv		21			20									3		
BUL	490	WAK	Vakarel		22	2		16											
CAN	204	YFY	Iqaluit, NU																4
CAN	214	YIO	Pond Inlet, NU					23											3
CAN	220	BX	Blanc Sablon, QC					0					23						3
CAN	245	CB	Cambridge Bay, NU					0											7
CAN	263	QY	Sydney, NS					22	5			3		6					
CAN	273	ZV	Sept-Iles, QC																3
CAN	276	YHR	Chevery, QC					19						7			3		6
CAN	280	QX	Gander, NL					6	2			3		7	22		2		2
CAN	281	CA	Cartwright, NL					19	5			3		7	22		1		6
CAN	305	LT	Alert, NU					18	5					7			22		18
CAN	305	YQ	Churchill, MB					7											7
CAN	323	UWP	Argentia, NL					22	5					2					3
CAN	329	YEK	Arviat Eskimo Pt, NU																4
CAN	332	YFM	La Grande 4, QC					4											3
CAN	339	YFT	Makkovik, NL					6											2
CAN	340	YY	Mont Joli, QC					6	1			3		6					6
CAN	350	DF	Deer Lake, NL					6	1	0				0	22	3	2		20
CAN	350	RB	Resolute Bay, NU					22											5
CAN	356	AY	St. Anthony, NL					21	1	2				0			2	4	20
CAN	360	PN	Port Menier Anticosti I.																3
CAN	366	YMW	Maniwaki, QC												1				4
CAN	370	GR	Grindstone, QC																4
CAN	372	YCO	Kugluktuk (Coppermine)																4
CAN	378	HO	Hopedale, NL					6						0			1	21	21
CAN	390	JT	Stephenville, NL					3	5				1	0	22		3		6
CAN	392	ML	Charlevoix, QC					3											7
CAN	396	JC	Rigolet, NL					23	1	0	2			0	22		1	1	20
CAN	407	ZHU	Hauts Bois St Hubert,																2
CHN	398	RM	Urumqi Diwopu					20											
CNR	317	TES	Tenerife Reina Sofia												2				
CNR	365	VR	Gran Canaria Las Palr											23	6				
CNR	376	HIE	Hierro Valverde					22						22	4				1
CNR	389	BX	La Palma								2			22	1				
COR	349.5	SZA	Solenzara	23		23			1								23	2	
CPV	274	SAL	Sal Island					23		0	3	23		3		23	4	1	1

DNK	368	RK	Copenhagen Roskilde		21	20	16	13									20	10
DNK	369	KA	Karup			17	22	13					22					22
DNK	374	TU	Tirstrup Aarhus		22	18	22	13									21	10
DNK	376	HP	Esbjerg		22		4	13										
DNK	395	GE	Billund		21			13										10
DNK	398	GL	Aalborg		21		1						23				16	22
DNK	400.5	EJ	Esbjerg		18		18	13					22				1	
DNK	423	FE	Odense Beldringe			20	18	13			2	22			0		18	10
DOM	450	PPA	Puerto Plata				3											6
ENG	277	CHT	Chiltern							7		6	13	15	12		12	
ENG	282	LA	Lyneham							7		2	13	15	13		12	11
ENG	316	EPM	Epsom for Heathrow							7			13	15	13		12	
ENG	318	BPL	Blackpool									2	13					
ENG	322	LCY	London City							7		2	13	15				
ENG	323	SBL	Sherburn in Elmet				5					7						
ENG	325	OF	Filton									3	13					11
ENG	327	TNL	Tatenhill									3	13					11
ENG	328	BLK	Blackbushe							7			13	15				
ENG	328	CL	Carlisle				7	0			2	2	13				0	10
ENG	331	GST	Gloucestershire				22			7		3		15		13	1	11
ENG	332	SHM	Shoreham							7	20			15	13			
ENG	332.5	CAM	Cambridge					1				2		15	13	13		
ENG	335	WCO	Westcott				0	1		7		3		15	13	20	13	
ENG	337	EX	Exeter				23	0			20	2		15	14			11
ENG	337	WTN	Warton				0											
ENG	338	FNY	Doncaster Robin Hood				22									13	21	
ENG	339	BIA	Bournemouth				4	0			20	21			14		2	11
ENG	340	LSH	Lashenden								20	7			14			
ENG	342.5	NWI	Norwich					0			14	20			14			
ENG	345	LUT	London Luton					0		7					14	13		
ENG	347	MTN	Manston							7	22	21		15	14	8		
ENG	347	NQY	Newquay								17	21						
ENG	347.5	TD	Teesside				23	0			20							11
ENG	348	FOS	Fairoaks											16				
ENG	349.5	LPL	Liverpool											16				11
ENG	352	NT	Newcastle				23	0			20				19	13	21	11
ENG	352	WOD	Woodley				23	0		7					22	8	13	
ENG	353.5	EME	East Midlands				23	5								13		11

ENG	356	WBA	Wolverhampton				2									15	13	11
ENG	362.5	SND	Southend on Sea					0								23	10	
ENG	363.5	CT	Coventry				4				7							11
ENG	365	KIM	Humberstone															11
ENG	367.5	OX	Oxford Kidlington				23	5			7						10	13
ENG	368.5	WHI	Whitegate for Hawarde	21			23	0					22				19	13
ENG	369	RCH	Rochester														19	
ENG	378.5	NN	Northampton Sywell														18	20
ENG	385	WL	Barrow Walney Is								7		20					11
ENG	386	BZ	Brize Norton															11
ENG	391.5	EAS	Southampton Eastleig				21	0									0	11
ENG	393	EMW	East Midlands															11
ENG	396.5	PY	Plymouth City					0					20					21
ENG	397	LZD	Lydd										20					
ENG	402.5	LBA	Leeds Bradford				1	1							20		16	11
ENG	406	BHX	Birmingham					0									12	1
ENG	414	BRI	Bristol				0	19									9	18
ENG	421	BUR	Burnham					0								20	9	
ENG	423	CWL	Cranwell													14		11
ENG	433.5	HEN	Henton					0			7					23	9	18
ENG	850	CIT	Cranfield								7							14
ESP	285	GR	Granada								6							21
ESP	292	BRB	Barcial del Barco								6							1
ESP	300	ZMR	Zamora								23							
ESP	310	AMN	Almeria								0							
ESP	319	ECV	Colmenar				2						22	2	2		22	21
ESP	321	ABT	Albacete				22	0	0					2	2		22	21
ESP	325	AST	Asturias				23							2	17	3	22	21
ESP	328	HIG	San Sebastian				19							3	17	17		
ESP	330	AI	Alicante															21
ESP	330	LEN	Leon Virgen del Camir				19								17			21
ESP	332	EAL	Almagro				23				2							21
ESP	335	L	Madrid Getafe								2							
ESP	335	TON	Torralba de Aragon				0							3	18	17	2	
ESP	340	PND	Valencia Pinedo				23				3				1	2	21	
ESP	340	SEO	Seo de Urgel				2									0		
ESP	342	VLD	Valladolid												23	22		
ESP	345	VI	Vigo											19				

ESP	354	PP	Pamplona				23					23		4	2			
ESP	356	SGO	Sagunto Valencia	23		0	16			6	22	23	19		2		17	22
ESP	357	BGS	Burgos											23				
ESP	365	VGD	Vitigudino				2			6	22	22	20	3				21
ESP	366	COR	Cordoba											1				
ESP	380	CAC	Caceres				0			4	22	23			3		22	22
ESP	380	VNV	Villanueva				16	1				23	20		2		22	22
ESP	381	LCZ	Murcia Los Alcazares								22							22
ESP	385	TEO	Toledo															22
ESP	386	NO	Pamplona						2		22	22			19			
ESP	387	AV	Asturias Aviles				0		2									
ESP	389	ZRZ	Zaragoza				21		2	17	22	23					22	22
ESP	390	MA	Madrid Barajas								22							
ESP	390	SO	Santiago									23						
ESP	395	B	Bilbao				19		2			22					0	
ESP	399	MTN	Salamanca Matacan				1				20	23			2			22
ESP	401	COA	La Coruña						2			23						22
ESP	410	C	La Coruña				0		2			23			2		1	22
ESP	412	GRN	Gerona				1											
ESP	416	SA	Santander				1		2					1				
ESP	417	SNO	Santiago				1					23			20			20
ESP	420	SPP	Sevilla						2			22			0			22
ESP	421	GE	Madrid Getafe				1		11	19		23			1		22	22
ESP	422	PAM	Pamplona				1		2						19			
ESP	423	SCA	Salamanca				1			19					22			22
ESP	426	TJA	Madrid Torrejon de Ar				4					23			21		22	22
ESP	433	JER	Jerez				23					23			23		1	
ESP	433	VON	Vigo				23					23			23			22
EST	350	WA	Kuressaare			22									2	21		
EST	418	L	Tallinn Ülemiste	20													19	
FIN	290	TP	Oulu	3			18				22	7						20
FIN	296	JYV	Jyvaskyla				18					3						
FIN	306	L	Jyvaskyla				18										5	
FIN	310	KUR	Kuopio	20			18					3						
FIN	318	B	Pori												20			21
FIN	319	G	Halli Laajakallio				19											
FIN	322	KOR	Helsinki Korso	0	21	23		19		1	22	3			20		18	21
FIN	324	AS	Kemi Tornio	22			18	19	0	1	22	2			20			21

FIN	412	I	Halli		19			20									19
FIN	416	TOR	Rovaniemi Toramo		20										22		19
FIN	419	HY	Vaasa		20			4							18		19
FIN	432	AKU	Ivalo Akujarvi												0	23	19
FRA	286.5	TA	Villacoublay Velizy												13		
FRA	288.5	AVD	Avord												13		
FRA	289	HR	Hericourt				20										
FRA	299	BO	St. Etienne Boutheon					3									
FRA	301	RTN	Romorantin												12		
FRA	306.5	AV	Avord								3				13		
FRA	309	DO	Dole Tavaux								2						
FRA	315	HOL	Villacoublay					0	9	0	0	2	16	23	13	14	
FRA	317	MM	Montceau les Mines							0		3		23			
FRA	317	VS	Valenciennes			23		1	9	0		3	16		13		
FRA	318	BE	Bordeaux Merignac							0			16	23			
FRA	320	LSU	Limoges Bellegarde									3	17				
FRA	320	TY	Troyes Barberey			22		18	1	9	0				13		
FRA	320	VE	Valence Chabeuil		3	22		18			0	3		23		22	
FRA	321	ABY	Albert Bray					20	0	9	0	3	17	23	13		
FRA	322	ORS	Orleans											0	13		
FRA	322	RL	La Rochelle				3										
FRA	322	TLN	Hyeres Le Palyvestre		21	19	3					2		23		22	22
FRA	323	AB	Albi Le Sequestre														23
FRA	324	MOU	Moulins							1					13	1	
FRA	326	LM	Le Mans							1			17		13		
FRA	327	MVC	Merville Calonne						1	9		0	2	17	13		
FRA	331	TUR	Tours		3						2				13	1	
FRA	331.5	TLF	Toulouse Francazal													1	
FRA	332	LL	Lille Lesquin						1	15	2	0	7	17	13		
FRA	334	DX	Dax Seyresse											4			
FRA	335	MC	Montlucon Domerat													2	
FRA	339	FG	Montpellier Mediterran	1	21			4									23
FRA	339	GI	Amiens Glisy												14		
FRA	339	NE	Nancy Essey			3	10										
FRA	341	AMB	Amboise						1						14		
FRA	343	AR	Aurillac					23									
FRA	343	CGO	Paris Charles De Gaul						1	14			20		14	8	
FRA	344	TR	Villefranche Tarare					23		0		3					

FRA	345	LN	Lannion								14				14			
FRA	346	LHO	Le Havre Octeville						14		1	21			14	16		
FRA	346	OC	Cognac Chateauberna								1							
FRA	347	CVT	Chalons Vatry					1										
FRA	349	RS	Rennes St Jacques											16				
FRA	350	MUT	Muret				22											2
FRA	351	DSA	Dieppe St Aubin						14							13		
FRA	353	BN	Basle Mulhouse			21												
FRA	353	SB	St.Brieuc Armor						13									
FRA	354	CGC	Cognac Chateauberna				22			5								
FRA	354	MTZ	Metz Nancy			21										8		
FRA	356	CVU	Castres				22							23				23
FRA	356	RSY	Paris Charles De Gaull									23						
FRA	357	LP	Cholet Le Pontreau						1	11	5						1	
FRA	358	LT	Le Touquet Paris Plag							11				23			9	
FRA	358	RNN	Roanne Renaison		20										23			
FRA	359	LOR	Lorient Lann Bihoue						1			1	22	22				
FRA	359.5	CDN	Chateaudun		20	0			1	1	11	1	23			16		
FRA	363	PI	Poitiers Biard						1		17		23			10		
FRA	364	PU	Pau Pyrenees											22				22
FRA	364	RSO	Paris Charles de Gaull						1		16							
FRA	366	ADC	Aerodrome du Castelle															5
FRA	367	CF	Clermont Ferrand										23	23				
FRA	369	GL	Nantes							1			22					
FRA	372	PY	Le Puy Loudes		22	21	22											
FRA	374	BGC	Bergerac Roumaniere							1								
FRA	377	PNT	Pontivy									14						
FRA	379	EB	St.Etienne Bouthéon		23												22	
FRA	383	MAR	Marseille Provence		22	3												23
FRA	384	AT	Annecy Meythet															
FRA	384	PMR	Pamiers Les Pujols		19				1								22	22
FRA	385	CSC	Cannes															
FRA	387	ING	St. Inglevert														1	
FRA	388	BR	Lyon Bron															
FRA	388	LOU	Metz Louvigny													9		
FRA	389	PX	Perigueux		23					1							22	
FRA	390	DR	Dinard Pleurtuit St Ma															
FRA	390.5	ITR	Istres Le Tubé		0	20	22		21	1					21			23

FRA	391	CC	Chalon Champfouguei				21				1							
FRA	393	BD	Bordeaux Merignac	20													22	21
FRA	394	NV	Nevers Fourchambaul				19											
FRA	395	FC	Figeac Livernon	20														20
FRA	395	OB	Marseille Obane				0											
FRA	397	BLB	Blois Le Breuil				0											
FRA	397	ZR	Beziers Vias				2				1						1	2
FRA	398	LPD	Montlucon Gueret	21														1
FRA	398	LRN	Lorquin Xouaxange													17		
FRA	398	MT	St. Nazaire Montoir	21			23	20			1						1	
FRA	400	AG	Agen La Garenne														1	20
FRA	401	LA	Laval Entrammes					1								12		
FRA	404	CNE	Caen Carpiquet				16	1			13	1						
FRA	404	MRV	Merville Calonne					14										
FRA	406	MJ	Marseille	19	22		2										1	3
FRA	410	ETN	Etain Rouvres					1								13		
FRA	412	SE	Strasbourg Entzheim														1	
FRA	413	ALM	Aix Les Milles				2											23
FRA	415	TOE	Toulouse Blagnac															23
FRA	418	MK	Calais Dunkerque													9		
FRA	419	EMT	Epinal Mirecourt		3	4										9		
FRA	423	TS	Toulouse Blagnac															23
FRA	424	LOE	Limoges Bellegarde													23		
FRA	427	AUB	Aubenas Vals Lanas													18	17	18
FRA	427	RY	Royan				18									17		
FRA	428	BST	Lanveoc Poulmic													18		22
FRA	428	CTX	Chateauroux Déols				18									18		18
FRA	432	PRD	Peyrehorade															22
FRA	434	MV	Melun Villaroche					1								18	18	
FRO	337	MY	Myggenaes		17												1	
FRO	348	VG	Vagar				23				2	21						
GEO	353	BT	Ali				21											
GEO	430	LU	Batumi				20											21
GRC	345	THS	Salonika Makedonia													22		
GRC	362	LSA	Larisa	20	21													
GRC	394	GDA	Alexandria															3
GRC	403	KEK	Kerkyra						2						23			
GRL	359	NA	Narsarsuaq									23						

GRL	372	OZN	Prins Christian Sund		22	21		20	1	1			2		22	0	0	20	18	18
GSY	361	GUY	Guernsey										2				14	10		
GSY	383	ALD	Alderney						1					23			15		14	
HNG	306	TPS	Tapiosap		20			23												22
HNG	326	C	Debrecen		17	16		19	1					2			20		22	22
HNG	329	HA	Budapest Ferihegy		20	17		12	1				2	3			22	19	21	22
HNG	335	BL	Budapest Ferihegy	22		20		15	1										21	22
HNG	343	A	Budapest Ferihegy					15												
HNG	346	Y	Nyiregyhaza					16												22
HNG	348	SVR	Sagvar		21	20		15	1					21			19	22	2	22
HNG	354	GYR	Gyor		19	20		23	1					12			0	22		20
HNG	357	L	Budapest Ferihegy			20		15	1											
HNG	358	TO	Zalaegerszeg Andrash																	21
HNG	374	BKS	Bekes					22	1					22			21			22
HNG	381	R	Budapest Ferihegy		19	19		16	1								23			22
HNG	383	EN	Debrecan					15	1								19			22
HNG	386	PTB	Pusztaszabolcs		21	1		16	1					23			19		22	22
HNG	390	SAG	Sajohidveg		21	16		23	1											22
HNG	395	BR	Budapest Ferihegy		21	1		16	1					23				23		23
HNG	400	BC	Bekescsaba					16												22
HNG	403	M	Budapest Ferihegy		18			1	1											20
HNG	412	PP	Pecs		19	20		20									3			22
HNG	420	HM	Budapest Ferihegy			16		4										15		0
HNG	430	BUG	Bugac		20	21		19	1					22			2	17	0	
HNG	436	SME	Sarmellek Balaton		21			18	1								2	19	22	
HNG	493	C	Papa					16	15								17			22
HNG	517	JBR	Jaszbereny		23			18	18					0			4	21		20
HNG	520	BS	Budaors			16		18	1									22		22
HOL	326	LLS	Lelystad					15	5		9	12		3			19	16		
HOL	330	SO	Eelde Groningen						12		8	12					13	19	13	
HOL	332	NV	Amsterdam Schiphol					17			15	2					13	16		
HOL	350.5	ROT	Rotterdam		19			22	5		14	12					14	16		
HOL	357	VZ	Eelde Groningen					7	13			12					15	9		
HOL	369	PS	Rotterdam Locator		21			23	5		16	12					15	16		
HOL	373	NW	Maastricht Beek					15	5								15	20		
HOL	376	WP	Amsterdam Weesp					16			15	12					15	16		
HOL	383.5	GUL	Gulpen		19	22	0	15	1		14						15	16		
HOL	386	STD	Stad aan het Haringvlied					15			14						15	17		

HOL	388.5	CH	Amsterdam Schiphol				5	5							15			
HOL	395	OA	Amsterdam Schiphol		20		15	5		14					14	17		
HOL	397	EHN	Eindhoven				15	5							14	17		
HOL	404.5	RR	Rotterdam Locator				3	5			12				14	18		
HRV	265	KAV	Pula Kavran			2	23	0				2			23		0	0
HRV	289	RI	Rijeka			2									20		16	0
HRV	316	TNJ	Tounj			16	18	0								2	17	0
HRV	318	KLP	Dubrovnik Kolocep				18	0				3				2		0
HRV	320	VL	Pula Valtura			20	18					2						0
HRV	325	VG	Zagreb Velika Gorica				19											
HRV	330	ZRA	Zadar Kakman				15				2					21		23
HRV	344	VAR	Varazdin			19										22		23
HRV	348	ZK	Zadar				15	0										23
HRV	350	SK	Zagreb Kraljevec			3	15	0				21			19	1	11	23
HRV	351.5	PLA	Pula			17	15					23			3	21	1	23
HRV	367	ZAG	Zagreb			21	16	0							2	10	18	23
HRV	369	VRS	Vrsar			21	23	1				22			19	19		
HRV	372	CE	Osijek Cepin			1	23					23				20	21	23
HRV	378	TRI	Split Trogir				23	0				22			10			23
HRV	385	BO	Zadar Bokanjac			1	15	0		2		22			20			23
HRV	397	CV	Dubrovnik Cavtat			21	2	0							2			23
HRV	400	BRZ	Rijeka Krk Breza			2	1	0				22			3	2	1	
HRV	412	HUM	Humac			17	20	1				22					1	23
HRV	414	GR	Dubrovnik Gruda				20	0										23
HRV	418	DVN	Split Drvenik			16						22						
HRV	420	GS	Pula			19	1	1		2		22			2		17	23
HRV	421	SAL	Zadar Sali				1	0							2			23
HRV	422	OSJ	Osijek			22	1	0				23			0			23
HRV	424	PIS	Zagreb Pizarovina			18	1	0		6		22			3	22	18	23
HRV	429	LOS	Losinj				1	0		6		11		11	22		18	23
HRV	433	CRE	Cres			22	19	0		11		22			0	19	18	23
HRV	438	KO	Rijeka Krk Kozala				23	1				23			0	19	18	
IOM	359	RWY	Ronaldsway									2	22					
IOM	366.5	CAR	Carnane					1							1			
IRL	316	OE	Dublin			0				0		3						
IRL	330	NSM	Inishmaan Aran Is.									3	21					
IRL	334	GMN	Gormanston									2						
IRL	334	KER	Farranfore Kerry									2						

IRL	339	OL	Shannon							19	20					2	
IRL	361	CFN	Carrickfinn Donegal							19							
IRL	364	KNK	Connaught Knock							19	23						
IRL	368	WTD	Waterford					1			22						
IRL	378	KLY	Killiney for Dublin							19	23						
IRL	384	SLG	Sligo					1		19	23			3			
IRL	387	CML	Clonmel					1		19	23						
IRL	395	FOY	Foynes for Shannon						2	19	22				0		
IRL	398	OK	Connaught								23						
IRN	300	TBZ	Tabriz				19										
IRN	310	GGN	Gorgan				19										
IRN	317	HAM	Hamadan												2		
IRN	337	IFN	Esfahan				22										
IRN	341	BUZ	Bushehr				20										
IRN	346	BRD	Bojnord				20										
IRN	355	ARB	Ardabil		19		22									20	
IRN	362	DNZ	Dasht e Naz Sari				22										
IRN	370	UMH	Uromiyeh				23										
IRN	393	RST	Rasht				22										
IRN	395	TBS	Tabas				22										
ISL	305.7	DA	Dalatangi Is.				7	5		0	3	20			0	21	
ISL	310	SB	Selardalur				23										
ISL	316	RE	Reykjaneskoli								3						21
ISL	320	DO	Djupivogur				2			0	2			0	22	21	
ISL	325	NF	Nordfjordur							1	2						21
ISL	325	RH	Reykholt				6				3						
ISL	334	AR	Akureyri								2						
ISL	335	VA	Vad				3										
ISL	340	GJ	Gjogur				6										21
ISL	344	LA	Saudarkrokur Langhol				4				22						
ISL	345	HL	Vestmannaeyjar				23				20				6		
ISL	348	HA	Vopnafjordhur Hofsa				5				22						21
ISL	351	BL	Blonduos				2				21						21
ISL	355	RK	Reykjavik				19			5	23				4	21	
ISL	365	ES	Egilsstadir				6				22						21
ISL	366	HK	Holmavik								22						
ISL	373	TN	Thorshofn								22						21
ISL	375	VM	Vestmannaeyjar		22		16			5	22				18	18	21

ISL	377	GA	Husavik Gardur									22						
ISL	379	SA	Reykjavik Skagi									23						
ISL	382	MN	Breidavad (Mynes?)									22						
ISL	385	IS	Isafjordur									22						
ISL	387	NB	Akureyri Botn									23						21
ISL	392	KF	Keflavik				21			5	0	22					17	21
ITA	285	PDV	Padova				1											
ITA	292	NOV	Milano Novara				19											
ITA	301.5	TRE	Treviso		20	22												
ITA	306	PAR	Parma	21	16		23										23	
ITA	312	TAQ	Tarquinia				18											
ITA	316	TEA	Teano															20
ITA	318	GEN	Genova Sestri				0											
ITA	323	CAM	Cameri		3	23											22	
ITA	324	PTC	Salerno Pontecagnand							1								20
ITA	325	RCA	Reggio di Calabria		22	19	20	19		1						18	22	20
ITA	331	GRT	Grottaglie		20	19	20									19	23	20
ITA	332	PDA	Padova		20	19					2			3		20	21	
ITA	333.5	VOG	Voghera	19	20	23	15	19			2		23		20	1		
ITA	334	AME	Amendola		3		20			2								21
ITA	337	RMG	Cameri Romagnano	20	20													
ITA	340	FOG	Foggia		21	19	15			3		21	1			21		20
ITA	342	PES	Pescara			20	23	18				22	1					20
ITA	343	GRA	Grazzanise					1				20				22		20
ITA	345	FW	Roma Fiumicino		21	23	23					21						20
ITA	345	TZO	Trezzo d'Adda Milano		21	23												
ITA	350	BLA	Biella Cerrione				15											
ITA	351	POM	Napoli Pomigliano d'A				21											
ITA	354	FE	Roma Fiumicino		19	0	23	1				22		22	22			20
ITA	357	CAS	Torino Caselle		19		15											
ITA	357.5	FAL	Ancona Falconara		19	20	23	20				23	1	2	16	4		20
ITA	362	BZO	Bolzano	20		20		19		22	18	22	1	1	16			
ITA	363.5	BRD	Brindisi		20	1	15	19	1			22	1	21		18		20
ITA	364	MAL	Milano Malpensa		21	1							1					
ITA	371	FRS	Frosinone			21	16					23	23					20
ITA	371	LEV	Cuneo Levaldigi		21	21						23		21	19	18		
ITA	371	RIV	Rivolto			21							1		20			
ITA	374.5	ANC	Ancona	21	22		20	20		15		22	0	21	18	18		20

ITA	376.5	ORI	Bergamo Orio al Serio		22				19				23		1	21	18	20	
ITA	379	PIS	Pisa	20	22			23			7		23				3	21	
ITA	381	AQP	L'Aquila Preturo		22			16	23										
ITA	382	GAZ	Gazoldo		19											3	4		
ITA	386	LIN	Milano Linate					0											
ITA	387	CEV	Cervia		19	1		15	19		2		23						20
ITA	388	GUI	Guidonia		21			0					22						
ITA	390	AVI	Aviano	20		1			19		2		22			21			
ITA	392.5	TOP	Torino Poirino	20	20	21		21	19	1	2				22	21	21		
ITA	396	RON	Trieste Ronchi dei Leg								2								
ITA	398	PRU	Perugia San Egidio		21	21		2	21				23					1	20
ITA	400.5	COD	Codogno	21	21	2	21		19		2		23			21	22		
ITA	401	BPL	Bari Palese		18	3		16	1				22			1	22	1	20
ITA	405	VIE	Vieste					16			2	18	22						20
ITA	408	CHI	Chioggia					0			2		22						
ITA	413	BOA	Bologna	21	19			23	20		2							1	
ITA	417	VIC	Vicenza															22	
ITA	421	FN	Roma Fiumicino						21			19				1	15	18	20
ITA	425	MMP	Milano Malpensa								6					0	16		
ITA	426	SOR	Sorrento																20
ITA	427	FER	Ferrara					18			6					21		22	
ITA	440	PIA	Piacenza		21				20			19				0			
ITA	480	VIB	Viterbo		21				19								20	0	20
JMY	362	JAN	Jan Mayen					6	22		22		22			22	16	18	18
JOR	404	AQ	Aqaba												23		22		21
JSY	329	JW	Jersey		11				23								12	17	
KAL	410	K	Kaliningrad										23						
KAL	840	KR	Kaliningrad Khrabovo			16													
KAZ	451	BK	Yubileinyi					0											
LBY	287	GAD	Ghadames					3											
LBY	301	TW	Tripoli Ghararah																3
LBY	310	VA	Amal V12					22											
LBY	357	RJ	Tripoli Mitiga			0											22		
LBY	363	ZEL	Zelten					23											0
LBY	365	G	Tripoli					23											0
LBY	392	LAB	Labraq El Beida					22											
LBY	405	VG	Eddib V7 (Minquaral)												0				
LBY	407	SRT	Sirte		19			2	1		2		23			20		1	

LBY	435	D	Tripoli														18	3
LBY	435	GHT	Ghat				1											3
LBY	470	WF	Wafa															3
LTU	343	KUS	Kaunas Karmelava			22											22	22
LTU	385	AVN	Vilnius					1					21					
LTU	407	PN	Palanga		19				2				23					
LUX	307	DIK	Diekirch				23								13	14		
LUX	318	LE	Luxembourg Est			22	23		5						13	14		
LUX	346	WLU	Luxembourg				10		5						14	16		
LUX	368.5	ELU	Luxembourg Berg		23		13		5						15	19		
LUX	404	LW	Luxembourg												14	12	16	
MDR	338	PST	Porto Santo									1		1	22	21	1	23
MKD	297	PEP	Prilep			22												
MKD	432	IZD	Ohrid Izdegavlje													19	22	
MLT	395	MLT	Malta		20	21		18		2					1	23		20
MNE	302	NIK	Niksic			22												
MNE	312	DAN	Podgorica Danilovgrad			22												
MNE	335	POD	Podgorica			21												
MNE	420	GO	Podgorica			21			1							21		
MRC	282	NSR	Casablanca Mohamed V															5
MRC	401	ALU	Al Hoceima Cherif Al Idrissi							2								
MRC	402	AML	Agadir Al Massira							2								
NGR	293	ARL	Arlit											1	22			
NIR	332	OY	Belfast Aldergrove															
NOR	267	FNO	Haugesund Foyno		2						3	23		2				
NOR	275	VG	Haugesund Vage		2			2	19		3	23	23	6		4		
NOR	283	SF	Torp Sandefjord											2				
NOR	299.5	KN	Svolvaer Skrova					19		0		23		2			1	17
NOR	303	KPG	Sogndal Kaupanger					19				23	23	2				
NOR	316	BGU	Oslo Bergerud					21						2				
NOR	317	HG	Trondheim Hegra					21					23	2				21
NOR	317	STT	Bodo Stott					19				0	23	2				21
NOR	318	FOR	Hammerfest Forsol											2				
NOR	319	VAR	Stavanger Varhaug			19			14		9			2			15	
NOR	320	IL	Bodo Ilstad					5						2				21
NOR	324	HE	Notodden Heddal									1		2				
NOR	324	MS	Mosjoen											2				
NOR	326	FSK	Bodo Fauske											3				21

NOR	396	YG	Rygge Enge			22			19					22		3		16	
NOR	398	AL	Alesund Vigra											22				1	20
NOR	400	NTD	Notodden			18			18					22					
NOR	401	RBU	Roros Rambu	23				17										1	20
NOR	404	DA	Torp Dalen Sandefjord			22			19					23					
NOR	404	KG	Stokmarknes Kjerringmoen																21
NOR	404	VNG	Vangnes		18	22								23					
NOR	414	HD	Sandnessjoen Hestad		20			23	20					23		19		2	20
NOR	414	SJA	Bardufoss Senja																21
NOR	414	SLB	Oslo Solberg			18		23	17									18	
OMA	343	MR	Masirah					20											
ORK	395	KW	Kirkwall					3	3				8						
PAK	410	KE	Chor					20											
POL	255	WRC	Wroclaw Strachowice			18		12											
POL	262	NR	Inowroclaw					22											
POL	285	KTC	Katowice Pyrzowice			2		12	23			20	3			18	19	1	21
POL	322	GDN	Gdansk	8		17		20	23			1	20	2	21		18	0	19
POL	326	KTW	Katowice Pyrzowice	10		19		16								22			19
POL	341.5	JAS	Rzeszow Jasionka			20		15	23							22			19
POL	345	NB	Malbork			22		19											19
POL	353	KRW	Krakow Balice			17		15	23			20				20	0	1	19
POL	375	AY	Warszawa			1		17					22			21		18	19
POL	375	CHO	Chociwel			21			23			20				2	1	22	19
POL	379	KRA	Krakow Balice			17		23											20
POL	383	GDB	Gdansk			17		0					23			18		22	19
POL	385	NWT	Leczyca			21		0	23	0		20				18		22	19
POL	388	BDG	Bydgoszcz Szwederski			17		16			2		23				2	22	19
POL	390	BBM	Babimost			17		21	20		2		22	20		3		22	19
POL	397	OL	Szczecin Goleniow			22			23		2			20		19	6	1	21
POL	423	NT	Lask			3		1			2		22						19
POL	437	NP	Tomaszow Mazowiecki	20				0										22	
POL	444	NRD	Inowroclaw	19		17			23			20	23	20		3	19	18	
POL	474	BIA	Rzeszow Jasionka	18		2		6	23		22		23	20		2	20	17	20
POL	488	NPR	Tomaszow Mazowiecki	18		2		16	23		22		23	20		18	20	18	20
POL	489	NK	Poznan Krzesiny			17		16	18							4	21		
POL	494	NK	Oknywie			17													20
POL	520	NW	Leczyca	10		16		15	23		22						21	18	20
POL	525	WRW	Wroclaw Strachowice	10		18	18	15	15				0			4		0	20

SVN	296	MG	Ljubljana Brnik			20													
SVN	328	KAM	Ljubljana Dolsko			21													
SVN	334	MR	Maribor			17			1			2					20	1	
SVN	355	MI	Maribor			20													
SVN	388	PZ	Portoroz		21	1								22					
SWE	285	LCF	Linköping Malmen										2						
SWE	300	SC	Linköping Malmen		20								7						22
SWE	312	DJ	Ostersund Froson										2						
SWE	312	KBG	Karlsborg														22		
SWE	318	LP	Ronneby Kallinge						14				2						
SWE	320	OL	Lycksele										2						
SWE	322	OD	Ornskoldsvik										2						
SWE	322	OU	Stockholm Bromma															22	
SWE	324	ON	Norrköping										2			19		22	22
SWE	325	NUT	Hemavan										2						
SWE	325	OG	Gallivare														21		
SWE	325	PG	Trollhattan Vanersborg		22	20			13	0			2			20			20
SWE	326	OG	Gavle Sandviken																
SWE	327	Y	Sveg										2						
SWE	328	DK	Vilhelmina		3								2			19			21
SWE	329	VX	Vaxjo Kronoberg	19		21											19		
SWE	329	WU	Umea										7						22
SWE	330	LNA	Lena Enköping	23		21						2	3						22
SWE	330	SKS	Karlstad		3								3						
SWE	333	LE	Vasteras Hasslo	23									3						22
SWE	335	NAK	Stockholm Bromma Na																
SWE	336	LT	Halmstad	22									3						
SWE	337	OZ	Soderhamn Skallen	22	21	19							2						22
SWE	338	OA	Jonkoping	21	21	19				0			7		23		21	1	22
SWE	341	NKS	Karlstad						1				21						
SWE	342	SL	Goteborg Landvetter						14				20						
SWE	342	SUT	Hemavan																
SWE	345	HT	Hagfors																
SWE	346	GS	Gavle Sandviken										21				22		21
SWE	346	TG	Gallivare										21						
SWE	348	GUN	Storuman Gunnarn																
SWE	348	WA	Stockholm Arlanda										21			19	22		
SWE	349	JX	Vaxjo Kronoberg			22							22		2		22		22

SWE	351	OV	Visby		19	23			18	1			22		2	19	21	22	22
SWE	359	LK	Lidkoping Ekgarden		20	21			5	1					3	3	22	17	
SWE	360	OP	Kiruna				0												
SWE	360	OS	Goteborg Save		20	20			14						1	18	22	18	
SWE	362	NN	Eskilstuna Kjula				15								1			17	22
SWE	363	OEM	Kristianstad Everod			0			14	1					1		17		
SWE	364	NW	Stockholm Skavsta		21	19	16												21
SWE	365	WS	Soderhamn														17		21
SWE	366	KM	Kalmar			21			14									18	21
SWE	366	UP	Uppsala																1
SWE	368	OY	Sveg														19		22
SWE	369	NL	Goteborg Landvetter		21				14										
SWE	370	OHT	Stockholm Arlanda		21	10	23		14	1							19	18	19
SWE	370.5	LB	Angelholm Barkakra			21			14										
SWE	375	KD	Kristianstad Everod			22			14										
SWE	375	RB	Orebro				1												
SWE	376	LN	Hultsfred						18										21
SWE	377	KN	Norrkoping Kungsange			21				1			22			21	22	18	
SWE	377	SM	Mora Siljan		22										1				
SWE	378	OS	Sundsvall Harnosand		20												18		
SWE	380	LF	Ronneby Kallinge						14										
SWE	383	ERK	Erken		19				1	1			21			20		22	
SWE	384	TY	Torsby Fryklanda		19								21	2		19			
SWE	388	COR	Corner Bromma		20	20	23		19	1						3		22	
SWE	390	LV	Arvika		20		21												
SWE	390	SS	Skovde		20														
SWE	393	AB	Hagfors				22												
SWE	394	NB	Stockholm Bromma		20											19		1	
SWE	397	NF	Falkoping		21				5										
SWE	398	PEO	Stockholm Skavsta		21		1									19			
SWE	399	FM	Trollhattan Vanersborg		21											19			
SWE	400	EN	Orebro		22	18										20	22	16	
SWE	402	LX	Eskilstuna		18		16		1									1	
SWE	402	TH	Torsby				1												
SWE	403	NM	Mora Siljan				1												
SWE	403	OJ	Jonkoping		18											19			
SWE	404	LA	Stockholm Arlanda												22		22		
SWE	405	AV	Goteborg Save		18				14							19		16	

WLS	323	WPL	Welshpool							2						
WLS	340	HAW	Hawarden					0		19	7		8	11		
WLS	370.5	AP	Aberporth								23					
WLS	388.5	CDF	Cardiff	21				5		21	23		16			
XOE	310	TRL	Troll				23									
XOE	316	MUK	Murdoch				0		9			14	12	17		
XOE	316	PA	Leman						9					17		
XOE	326	YW	Tyra West		21		6	13			9	1	18	13	17	
XOE	330	CWP	Captain				21						15			
XOE	330	DGL	Liverpool Bay (Douglas)				21	16			23		21	17	10	
XOE	331	JDY	Judy				17									
XOE	333	GFC	Statoil Gulfaks C				2									
XOE	333	SHO	Sean A				17		15				13	17		
XOE	336	HWB	Harald B				4									
XOE	340	HEI	Heidrun				4	18	0				22		22	
XOE	343	HBC	Halfdan B Maersk				0						22	21	22	
XOE	349	DNF	Dan Duc DF				6									
XOE	349	SPA	Sleipner A								22					
XOE	350.5	AMZ	Aoka Mizu FPSO				22				22					
XOE	353	OBA	Oseberg A				21				22				23	
XOE	353	SRW	Shell Shearwater				15									
XOE	355	A	Donna Dan B				18									
XOE	374	CPR	Clipper					13			15		23	18	19	
XOE	375	SNR	Snorre				4									
XOE	375	TR	Philips Tor E				1	14			15		22	16	14	18
XOE	380	ULA	Ula					18			22					
XOE	390	GPR	Global Producer III FPSO				16				2					
XOE	398	KCH	Ketch					14			13		8	18	15	18
XOE	403.5	LNL	Lancelot A								2		22			18
XOE	410	BKQ	Stena Carron					1			2		22	17	18	18
XOE	414	STA	Stafjord A				16									
XOE	419	RA	Tyra East A				4	14					8		19	18
XOE	420	LGS	Conoco Loggs				1						10	9	19	18
XOE	426	HWQ	Hewett A Platform										10	9	18	18
XOE	427	HDY	Halfdan Maersk													18
XOE	561	LF4F	Scarabeo 5											17		
XOE	561	LF7J	Safe Scandinavia											13		
XOE	570	LF3A	Gyda				15	15						13		

XOE	570	LFGC	Bideford Dolphin					15	15					9						
XOE	598	AKS	Aker Spitsbergen					16										17		
XOE	615	STB	Statfjord B platform					15	18					9						
XUF	500	LGT	(UNID)				21													
Cou	kHz	Call	Location	CZE jp	CZE my	CZE ze	DEU ho	DEU hw	DEU je	ENG bk	ENG cy	ENG ds	ENG hh	ENG me	ENG px	ENG py	FRA jj	HOL ft	HOL pl	HOL rb

'MOB's The 'Mine Only Beacons' and the Counts of NDBs on each frequency are omitted this time as they are not very meaningful for this special CLE.

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE112 Pyramid CLE 25 Dec 2008 - 4 Jan 2009
NOW: CLE138 Pyramid CLE 25 Dec 2010 - 4 Jan 2011

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 jp		670		43		64		1844
CZE my		982		284		289		7753
CZE ze		829		289		349		3695
DEU ho		334		14		41		1311
DEU hw		1489		937		629		8452
ENG cy		1037		140		135		6876
ENG ds		1103		167		151		4673
ENG hh		1020		121		119		6714
ENG px		1377		88		64		6196
FRA jj		1105		357		323		6965
HOL pl		1089		305		280		7128
Averages:		1003		249		222		5601

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 je	1332	1009	236	353	177	350	7479	7479
ENG bk	500	1347	30	86	61	64	1280	4335
ENG me	1125	1378	256	481	228	349	6750	6750
ENG py	2415	1799	155	241	64	134	7900	8556
HOL ft	995	978	180	266	181	272	7106	7106
HOL rb	1387	1648	484	710	349	431	8118	8004
Averages:	1292	1360	224	356	177	267	6439	7038
% Increase:		5		59		51		9

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 aerals, etc. Many of our CLEs re-use the same listening 'rules' 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 aerals, 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.

'TAB's Trans-Atlantic Beacons

These details will be available when the Rest of the World results have been compiled.

CLE138e5.xls
bk 6 Jan. 2011