

NDB LIST CLE No. 165 PYRAMID BUILDING 25 Dec. 2012 - 7 Jan. 2013, midday-midday local time

**COMBINED RESULTS
EUROPE**

For overall statistics, please see the covering email.

Reporters:

CZE	fr	Frantisek Müller, Praha
CZE	my	Milos Holy, Lhota pod Radcem
CZE	ze	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU	hw	Hartmut Wolff, Near Wolfsburg
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg
DEU	s2	Stefano Temporin and Verena, while at Weissenburg in Bayern
ENG	bk	Brian Keyte, Bookham, Surrey
ENG	ds	David Atkins, Abbots Langley
ENG	hh	Brian Heath, Stapleton, Leicestershire
ENG	me	Mike Thayne, Whitley Bay
ENG	px	Peter Greatorex, Bolsover, Derbyshire
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola
FRA	jj	Jean Jacquemin, Bethune, Merville, near Lille
HOL	rb	Roelof Bakker, Middelburg, Zeeland
ITA	st	Stefano Temporin, Verona
SUI	ps	Peter Schleuss, Winterthur
SWE	bn	Bo Nensen, Hanabäckkliden, Örnsköldsvik
SWE	ko	Keijo Koivuniemi, Stockholm, Älvsjö

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 'at' symbol)

PYRAMIDS SUMMARY:

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

E.g. Frantisek's ('fr') column shows that 7 NDBs in Finland were logged at level 7 in his size 10 pyramid.
The 'aerial' height (countries with one NDB logged) should be the same as the pyramid base size.

Any gap in the table is where the 'harvester' program did not find that number of loggings for a radio country.
This may have arisen where a listener had shown two loggings of the same NDB,
or where a listener had allocated an NDB to the wrong radio country, etc.
The 'missing' country may then share the same count as the country above or below it.

No. of NDBs	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko	No. of NDBs
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COUNTRIES HEARD:

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

Cou	Country	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko
ALB	Albania	1		1	1	1		1	1					1			1		
ALG	Algeria		1		12	2			5	1		1			1		1		
ALS	Alaska (US State)				1						1				1				
ARM	Armenia				1														
ASC	Ascension Is.				1	1			1		1								
ATG	Antigua and Barbuda														1				
AUT	Austria	4		1	16	16	7	9	6	2			1	11	11	6	12		
AZR	Azores				6	1		1				1			4				
BAL	Balearic Is.			1	1	4			1	1									
BEL	Belgium					8		11	12	9				12	1		8		
BIH	Bosnia-Herzegovina	1	4	1		7			1	1				1	1	4	7		1
BLR	Belarus					1							1					1	
BRI	Bear Is. (Bjornoya)				1										1				
BUL	Bulgaria	1		2		1	1		1	1			1	1	1	5			
CAN	Canada MB							1								1			
CAN	Canada NB														2				
CAN	Canada NL		1		10	1		10		1	8	2		7	12				
CAN	Canada NS				1			1			1	1		1					
CAN	Canada NU				1	1					3								
CAN	Canada ON														3				
CAN	Canada QC				4	1		1	1		2	1		4	8				
CHN	China (PRC)				1														
CNR	Canary Is.				1	1					1			2	1				
COR	Corsica	1		1	1	1	2									3	4		
CPV	Cape Verde Is.		1		1	1		1	1		1				1				
CZE	Czech Rep.	10		1	21	13	5	1	1	1			1		16		11		1
DEU	Germany	9		9	30	27	1	16	13	18		8		21	22	1	15	1	10
DNK	Denmark			1	17	15	1	6	1	4			3	6	15		1	1	1
ENG	England				29	22		14	15	17	10	10		20	22				
ESP	Spain				24	14		20	14	12			1	18	26		1		

EST	Estonia			1		1				1			1	1	1			1	2	
FIN	Finland	7	6	4	25	21		15	9	6		5	1	10	29		4	9		
FRA	France	1	7	3	32	23	6	17	16	15		9	1	22	24	8	16		1	
FRO	Faroe Is.					1		1	1	1					1				1	
GEO	Georgia				3										1					
GRC	Greece	1			1										1	1	1			
GRL	Greenland		1		1	1		1	1		1	1		1	5					
GSY	Guernsey				1	1		1	1	1				1						
HNG	Hungary	1		1	22	18	1			8			10	9	19	1	6		1	
HOL	Netherlands				14	6		13	7	11				14	14		1			
HRV	Croatia	3		7	20	20	9	1	8	3		1	5	15	21	10	13		6	
IOM	Isle of Man				1			1	1	1										
IRL	Ireland					1		1	4	10	5						1	1		
IRN	Iran				11	1														
ISL	Iceland				9	1		2	1	1	7	1		1	20			1	2	
ITA	Italy	8	8	8	26	26	8	12	10	14			1	19	25	9	14			
JMY	Jan Mayen				1	1					1			1	1					
JSY	Jersey							1	1	1				1						
KAL	Kaliningrad			1	1								2	1				3		
KAZ	Kazakhstan				5										1					
LBY	Libya		1	1	8	3	1					2		1	1	1	1			
LTU	Lithuania			1	1	1				1			1	1			1	1		
LUX	Luxembourg	1		1		1	1	4	1	1					1	1			1	
MDR	Madeira													1						
MKD	Macedonia				1	1										2	1			
MLT	Malta		1		1	1	1							1	1	1	1			
MNE	Montenegro	1		1		1									1	1	1			
MRC	Morocco				1			1				1		1	5					
NGR	Niger				1							1			1					
NIR	Northern Ireland		1																	
NOR	Norway	5	9	1	27	24	4	19	17	5	6	3	1	16	28			6	9	
ORK	Orkney Is.				1	1					1									
PAK	Pakistan				2															
POL	Poland	1		1	23	19	10	1		13		6	9	13	18		10	8	7	
POR	Portugal				1	1		5	1	6				8	1					
PTR	Puerto Rico		1		1	1		1			1			1	1					
ROU	Romania	1		1		11		1	1				6		13		2		1	
RUS	Russia (Eu)	1	3	5	33	1									1			10	8	
SAR	Sardinia	1		1	1	1			2					1	1		1			
SCT	Scotland				13	1		8		1	9			1	1			1		
SCY	Sicily			1		5		1				1		4	1	1				
SHE	Shetland Is.				1										1			1		
SRB	Serbia	2	5	1	18	12	1		3	1			7		17	7			6	
SUI	Switzerland	1			1	1	1							1		1				

SVK	Slovakia			1	15	10	1	1	1			1	4	5	10	1	5	1	4
SVN	Slovenia	1		1		1								1			1		
SWE	Sweden	6	10	6	31	25	3	18	11	15		7	1	17	28		8	4	
TKM	Turkmenistan				1														
TUN	Tunisia		1		1	1									1				
TUR	Turkey		1		7	1											1		1
UKR	Ukraine			10	28	17				1			8		1			7	3
USA	USA NC				1	1									1				
WLS	Wales				1	1		3		1	1				1				
XOE	Offshore - Europe		2	1	19	9		7			4			1	9			5	
Cou	Country	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko

LISTENING TIMES:

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

UTC (hh)	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko
00:00 - 00:59		1	6	36	89	2	7	8	3	1			23	14		8		28
01:00 - 01:59		7		8	227	1	7	46	6	12			27	6		4		24
02:00 - 02:59		9		25	20			37	4	6			25	5		1		12
03:00 - 03:59		15		8	1			21	8				32	11		2		
04:00 - 04:59		6		14	2		3	10					15	1				
05:00 - 05:59				53			15	6					11	4		1		
06:00 - 06:59				10			16		1	1			2	9		1		
07:00 - 07:59				2			4			8				10	6			
08:00 - 08:59													1	1	1			
09:00 - 09:59									2					1				
10:00 - 10:59							29						1	18				
11:00 - 11:59							28		2					83		19		
12:00 - 12:59								7	7	7			1	15		6	2	
13:00 - 13:59				26			12		2	29		10				6	1	
14:00 - 14:59	7			23					4			6				3	22	
15:00 - 15:59	1			2	4		1		5								25	
16:00 - 16:59				7	112		4	6	14			2				31	13	
17:00 - 17:59		1		7	20	7	18		22			1		1	4	20		
18:00 - 18:59		1		18	6		8	17	16		2	11	7	13	5	4		
19:00 - 19:59	16	4		6	10	1	12	5	53		3	22	32	10	1	9		
20:00 - 20:59	21	2		10	69	10	18	29	1		10	6	17	123	1	2		

21:00 - 21:59	24	14	18	71	1	25	15		5		30	1	34	112	15	13		
22:00 - 22:59		4	10	41	21	12	11		26		9	4	29	15	15	5		
23:00 - 23:59			11	43	28	6	10	14	6		10	3	18	12	16	16		
UTC (hh)	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko

LISTENING DAYS:

This table shows the number of NDBs logged by each reporter during each 24-hour time period.

24 hrs from 11:00 UTC on	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko
25 Dec	38	37	77	71	202				2			66		50		116		20
26 Dec	31			79	18				48				1	52		9		44
27 Dec				14	12	47			15				26	27		3		
28 Dec				25	107	17		59	14				7	50		6		
29 Dec				10							28		66	61		7		
30 Dec				4	11				25		14		34	34		4		
31 Dec				34	10		12		38		7		86	29		1		
1 Jan				193	20		33		12		7		12	30		5		
2 Jan				33	8		54		33		2		6	52				48
3 Jan		9		105	21		110				6		16	32				15
4 Jan				2	4		10						9	23	35			
5 Jan		18		23			10	111		28			10	10	27			
6 Jan										36			2	14	2			

LOGGINGS EACH NIGHT

25th Dec. - 6th Jan.

After the 13-day long CLE, this special table may be of interest. It shows the total number of loggings used from each night.

Night of (1700-0600 UTC)	Logs
25 Dec	527
26 Dec	189
27 Dec	137
28 Dec	239
29 Dec	161

30 Dec	109
31 Dec	102
1 Jan	269
2 Jan	136
3 Jan	225
4 Jan	65
5 Jan	211
6 Jan	99

BEACONS HEARD:

Beacons are shown in kHz order within each country.

Hold tight - there are 1,055 of them!

Offshore NDBs appear at the end of the list.

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 19 indicates logged between 19:00-19:59).

Cou	kHz	Call	Location	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko
ALB	290	TR	Tirana Rinas	19		0	2	0		5	1					1			16		
ALG	268	ZAR	Zarzaitine				23														
ALG	283	BIS	Biskra				19														
ALG	304	MOK	Bordj Mokhtar				0														
ALG	331	HRM	Hassi R Mel Tilrempt				23														
ALG	342	OA	Algiers Houari Boumedienn				0				1										
ALG	356.5	OU	Ouargla		3		22				1						21		21		
ALG	389	TRB	Tiaret Bou Chekif				0														
ALG	397	CHE	Cherchell				23				1										
ALG	397	CNE	Constantine Ain El Bey				23	1													
ALG	416	MAR	Algiers Houari Boumedienn				0				1	22		21							
ALG	423	BJA	Bejaia Soummam				0	1			1										
ALG	435	IGZ	In Guezzam				0														
ALS	376	PVQ	Deadhorse				21						2				23				
ARM	496	ER	Yerevan				23														
ASC	360	ASN	Ascension Is.				2	1			1										
ATG	369	ZDX	Saint Johns														7				
AUT	290	GRZ	Graz	19			16	1	20	21						0	21	21	18		
AUT	293	STE	Wien Steinhof				5	0													
AUT	303	RTT	Innsbruck Rattenberg	19		19	16	0	20	21						0			11		

AUT	313	AB	Innsbruck Absam			16							21			13	
AUT	313	KI	Klagenfurt			16	1							22			
AUT	315	TF	Wiener Neustadt E Trausdo			16	1							22			
AUT	327	LNZ	Linz Horsching	20		16	0	20	16	1			18	18	22	11	
AUT	358	TUN	Tulln for Schwechat	0		15	1						4	21	21	17	
AUT	374	KFT	Klagenfurt			5	1		23				19	21	17	19	
AUT	382	SBG	Salzburg Oberndorf			16	0	21	17				23			11	
AUT	405	KW	Klagenfurt			16	1							21			
AUT	408	BRK	Wien Schwechat Bruck			16	1	22	17	2	19		13	18	21	21	21
AUT	410	SI	Salzburg			16	0			2				21		19	
AUT	413	KTI	Innsbruck Kühtai			16	23		17	2			18			14	
AUT	418	ZW	Zeltweg			16	22							21			
AUT	420	INN	Innsbruck			16	0	22	17	2	19		19			11	
AUT	426	GBG	Gleichenberg for Graz				0	22	19	2			5	21	17	16	
AZR	331	SC	Santa Cruz Das Flores			23						23		23			
AZR	341	GP	Lajes			23								23			
AZR	351	PD	Ponta Delgada			23											
AZR	360	HT	Horta			0								23			
AZR	380	FIL	Horta Faial Is			0	2		5								
AZR	428	GC	Santa Cruz de Graciosa			0								23			
BAL	344	MN	Menorca		23		1			2							
BAL	351	CST	Costix Palma de Mallorca			21	0										
BAL	384	ADX	Andratx Palma de Mallorca				0										
BAL	394	IZA	Ibiza				0				22						
BEL	290	ONL	Liege Bierset						10	1	17		23			16	
BEL	293	OB	Brussels National						10	2	17		23			16	
BEL	314	OZ	Brussels National				4		10	2	17		2				
BEL	323	ONC	Charleroi				0		10	2	17		19			5	
BEL	352.5	DD	Oostende				0		10	2			3			19	
BEL	355	ONW	Antwerpen Deurne				0		10	2	17		3			17	
BEL	360.5	MAK	Mackel for Brussels Ntl.				0		10	2	17		3			18	
BEL	371	OKT	Kortrijk Wevelgem						10	2	17		3				
BEL	375	OO	Oostende				0		10	2			3				
BEL	386.5	SLV	Spa La Sauveniere							2	17		3				
BEL	399.5	ONO	Oostende				0		10	2			3	11		23	
BEL	402	OP	Brussels National				0		10	2	17		3			23	
BIH	340	BLK	Banja Luka	19	21		0									1	
BIH	355	MA	Mostar	19												17	17
BIH	357.5	KG	Sarajevo Kobiljaca	19												22	
BIH	370	GAC	Gacko	21	18		1							20	23	16	

BIH	375	SAR	Sarajevo				1										16	
BIH	397	LU	Banja Luka				0											
BIH	402	ZV	Tuzla				1											
BIH	425	DNC	Mostar				0										18	21
BIH	445	TU	Tuzla				0		3	23				4			18	18
BLR	308	V	Minsk 2									13						
BLR	635	GH	Minsk 2				0											
BLR	635	VX	Minsk															15
BRI	316	BJO	Bjornoya Is.			22									22			
BUL	284	GRN	Gorna Oryahovista	19					3					23			21	
BUL	312	BOZ	Bozhurishte		19					20							21	
BUL	321	BU	Burgas														23	
BUL	350	DWN	Devnya for Varna		22							14			20			
BUL	450	PDV	Plovdiv				1										21	
BUL	490	WAK	Vakarel					21									18	
CAN	214	YIO	Pond Inlet, NU														1	
CAN	220	BX	Blanc Sablon, QC			0	3						5			0		
CAN	245	CB	Cambridge Bay, NU			6										7		
CAN	257	YR	Goose Bay, NL			23										3		
CAN	260	YAT	Attawapiskat, ON													7		
CAN	263	QY	Sydney, NS			22		0		1	22		5					
CAN	273	ZV	Sept-Iles, QC			2										3		
CAN	276	YHR	Chevery, QC			7		1	2	1	22		5					
CAN	280	QX	Gander, NL			21		4		1			5					
CAN	281	CA	Cartwright, NL			4		0		7			5			3		
CAN	284	RT	Rankin Inlet, NU													7		
CAN	305	LT	Alert, NU				0			1						10		
CAN	305	YQ	Churchill, MB					7								10		
CAN	323	UWP	Argentia, NL			23		1								23		
CAN	332	YFM	La Grande 4, QC													2		
CAN	339	YFT	Makkovik, NL													23		
CAN	340	YY	Mont Joli, QC			6				1						3		
CAN	341	YYU	Kapuskasing, ON													1		
CAN	350	DF	Deer Lake, NL		2		6		4		22	1	22		2	20		
CAN	350	RB	Resolute Bay, NU									6				0		
CAN	356	AY	St. Anthony, NL				6		0		7			5		3		
CAN	358	NL	St. Johns Signal Hill, NL						5							0		
CAN	358	YKG	Kangiqsujuag, QC													4		
CAN	360	PN	Port Menier Anticosti I., QC											22				
CAN	362	YZS	Coral Harbour, NU												7			

CAN	364	2B	Springdale, NL				6			6			7				3			
CAN	366	YMW	Maniwaki, QC													4	7			
CAN	371	GW	Kuujuarapik, QC														3			
CAN	372	YCO	Kugluktuk (Coppermine), NU										7							
CAN	378	HO	Hopedale, NL				5			1			7			21	7			
CAN	378	UX	Hall Beach, NU														8			
CAN	382	YPL	Pickle Lake, ON														6			
CAN	390	JT	Stephenville, NL				6			0			7			5	3			
CAN	392	ML	Charlevoix, QC														0			
CAN	396	JC	Rigolet, NL				5	4		4			1	22		22	9			
CAN	404	YSL	St. Leonard, NB														3			
CAN	492	E8	Natuashish, NL														5			
CAN	520	F9	Miramichi Chatham, NB														5			
CHN	398	RM	Urumqi Diwopu				21													
CNR	365	VR	Gran Canaria Las Palmas				2													
CNR	376	HIE	Hierro Valverde									2				3	23			
CNR	389	BX	La Palma					1								3				
COR	341	IS	Ajaccio Campo del Oro																17	
COR	349.5	SZA	Solenzara	21			22		0	20								18	16	
COR	365	RB	Ajaccio Campo del Oro															19	19	
COR	387	CT	Ajaccio Campo Del Oro							22								20	22	
CPV	274	SAL	Sal Is. Amilcar Cabral		1			2	1		23	3	1				2			
CZE	258	N	Ostrave Mosnov				13										23			
CZE	300	KD	Praha East Kbely	19			15										20			
CZE	319	C	Prerov	14			19	15									20			
CZE	345.5	CF	Caslav Chotusice	21			13	0	20								20			
CZE	362	L	Namest nad Oslavou	14			23													
CZE	365	L	Karlovy Vary Vrata	14			16	0	21								20		17	
CZE	372	L	Praha Ruzyne Liboc	14			16	1									20		19	
CZE	386	RAK	Rakovnik	14			16	0	21								20		1	
CZE	416	KUN	Kunovice				5										20			
CZE	416	V	Vodochody	14			5	0									20			
CZE	422	UR	Hradec Kralove	14			16	0	20			3			14		20		16	
CZE	429	B	Brno Turany Borek	15			16	0									21		21	
CZE	432	PK	Pardubice Prvek				0	0		23							21		3	
CZE	434	KNE	Kunovice				0	1												
CZE	438	K	Praha Kbely				16	0									21		17	
CZE	441	CK	Prerov				16	0									21		0	
CZE	448	HLV	Holesov				16	0									21		16	
CZE	492	TBV	Moravska Trebova				16	0	20			22					21		16	

CZE	514.5	LA	Namest nad Oslavou			20										17		
CZE	534	R	Ostrava Mosnov Rada			16												
CZE	888	P	Pardubice			13												
DEU	284	FSB	Fassberg					3						11				
DEU	284.5	DY	Dusseldorf			16												
DEU	286	HFX	Hohenfels			2												
DEU	292	NKR	Neckar	19		19												
DEU	300.5	LW	Koln Bonn			16							23					
DEU	311	CEL	Celle			16								11				
DEU	311	LMA	Lima			16		17	3									
DEU	311	NSN	Niederstetten			22												
DEU	315	PAH	Schwerin Parchim			23												
DEU	318	AGB	Augsburg			5										11		
DEU	318	HIG	Bremen			5								11				
DEU	320	HA	Hannover East			20	1						1	11				
DEU	321	GL	Berlin Tegel East			20	23	1										1
DEU	323	GT	Hamburg North			23				15				11				
DEU	325	DP	Diepholz				1		17	3								
DEU	327	LV	Kohn Bonn			20												
DEU	330	ABU	Altenburg Nobitz				1					23						
DEU	330	HC	Heringsdorf			5												
DEU	333	PI	Schwerin Parchim			21												
DEU	334	HDM	Coleman			23												
DEU	337	LHR	Lahr Schwarzwald			5	0			15				2	11		12	
DEU	338	MNW	Munchen	20		21	1							2				
DEU	339	HOS	Hamburg	21			1			16								2
DEU	340	ZIG	Leipzig	21														
DEU	341	ALG	Memmingen Allgäu	20		22										11		
DEU	343	SBN	Saarbrücken													13		
DEU	344	CB	Cochstedt Schneidlingen	21		21	20											2
DEU	344	HN	Hohn			21	13	1		4	9			11				
DEU	349	KAS	Kassel Calden											11				
DEU	350	FU	Hamburg West			20				4				11				
DEU	352	LAA	Niederrhein							4								
DEU	353	KIL	Kiel Holtenau	19				1	17	4	9			11			16	
DEU	354	PAD	Paderborn Lippstadt					1	21									
DEU	355	KNG	Bad Konig	19		22		1						1	11		11	2
DEU	357	NRG	Neubrandenburg				15											
DEU	357	SKZ	Leipzig Halle	19				1						2				2
DEU	358	HW	Hannover West					1			16			3	11			

DEU	358	MSE	Munchen														2								
DEU	360	SR	Saarbrucken				2	1			2								11						
DEU	365	LJ	Koln					1		17	4							18							
DEU	368	BYC	Buckeburg				16	1		22	4								11						2
DEU	369	MNE	Munchen																				11		
DEU	370	PSA	Spessart								4	16							10				12		
DEU	371	MYN	Munster															4							
DEU	372	NDO	Nordholtz				16			22								4		10					
DEU	374	FS	Dresden				16																		
DEU	380	FLB	Flensburg				16					16								11					
DEU	382	FW	Frankfurt				16				2							1		11					
DEU	387	SLT	Sylt																	11					
DEU	392	RW	Berlin				5																		
DEU	394	LYE	Lubeck									16													
DEU	401.5	BET	Rheine					1		17	19							1							
DEU	405	GRW	Grafenwohr				16	0												11					
DEU	406	HOZ	Holzendorf					0				16													
DEU	406.5	BOT	Bottrop					1		17					23		19								2
DEU	407	LUP	Laupheim				16	1									1						11		
DEU	413.5	DLS	Berlin				5	1		17		16						18							1
DEU	417	LI	Dusseldorf							16								19							
DEU	419	WUN	Wunstorf					1				16							11						
DEU	425	ERT	Erfurt				16	1		22		16			23										1
DEU	426	MIQ	Mike for									16					21						11		
DEU	427	BRU	Braunschweig									16													
DEU	431	KBA	Karlsruhe							17							22						12		
DEU	448	LQ	Landsberg							17					22		21						12		
DEU	452	ANS	Ansbach					1		17					22		21						16		
DEU	468	FTZ	Fritzlar					1		17		16			22				11				14		
DEU	484	HOF	Hof									16			22										
DEU	488	ILM	Illesheim					1		17		16			21								17	14	0
DNK	316	IN	Sonderborg				16	1																	
DNK	321	VO	Vojens				16	1											11						
DNK	324	ML	Aarhus				16	1								18			11						
DNK	328	VJ	Stauning				16	1								19			11						
DNK	330	SB	Sonderborg				16	22											11						
DNK	334	FAU	Ronne				13	1																	
DNK	339	SD	Sindal				5									21			20						
DNK	341	LO	Billund				21	4	1	16		19					19		11						
DNK	346	AU	Stauning				16			19									11						

DNK	351	KP	Karup				16								11				
DNK	357	KD	Kolding Vamdrup				16	1			17								11
DNK	368	RK	Copenhagen Roskilde				16	1				19					21		11
DNK	369	KA	Karup				16	1											
DNK	376	HP	Esbjerg				17	1					19						11
DNK	395	GE	Billund				17	1			23						20		11
DNK	398	GL	Aalborg				17	1					19				20		11
DNK	400.5	EJ	Esbjerg				17	1			19						20		11
DNK	423	FE	Odense Beldringe					1	22		16		19				20	11	
ENG	277	CHT	Chiltern					1				3		13			0		
ENG	316	EPM	Epsom for Heathrow				20	1			11	3			20		1		
ENG	318	BPL	Blackpool								11		17	13					
ENG	322	LCY	London City				20								20				
ENG	323	SBL	Sherburn in Elmet				20				11			13					11
ENG	327	TNL	Tatenhill								11								11
ENG	328	BLK	Blackbushe								11	19							
ENG	328	CL	Carlisle				20	1			13			13			23		11
ENG	331	GST	Gloucestershire				20								20				11
ENG	332	SHM	Shoreham				20						17				1		
ENG	332.5	CAM	Cambridge				20	1						13					
ENG	335	WCO	Westcott				20	1				3		13	20		23		
ENG	337	EX	Exeter				20						17				0		11
ENG	338	FNY	Doncaster Robin Hood				20							13			1		11
ENG	339	BIA	Bournemouth				20	1					17				23		11
ENG	340	LSH	Lashenden				20	1					17		21		4		
ENG	342.5	NWI	Norwich				20						17						
ENG	343	YVL	Yeovil								11								
ENG	345	LUT	London Luton				20								21				
ENG	347	MTN	Manston				20						17		21		19		
ENG	347	NQY	Newquay				20				13								
ENG	347.5	TD	Teesside				20	1			13		17	13					11
ENG	348	FOS	Fairoaks								11		17		21		22		
ENG	349.5	LPL	Liverpool				23												
ENG	352	NT	Newcastle				21	1					17	13			0		11
ENG	352	WOD	Woodley				21	1				3			21				
ENG	353.5	EME	East Midlands				21	1											11
ENG	356	WBA	Wolverhampton				21					3			21		22		11
ENG	362.5	SND	Southend on Sea				23	1					18				0		
ENG	363.5	CT	Coventry					1									0		11
ENG	365	KIM	Humberside				21						18						11

ENG	367.5	OX	Oxford Kidlington			21	1						22					
ENG	368.5	WHI	Whitegate for Hawarden			21							23	11				
ENG	369	RCH	Rochester								18							
ENG	370	CUL	Culdrose RNAS			21			13	1	18			11				
ENG	378.5	NN	Northampton Sywell							3			21					
ENG	386	BZ	Brize Norton			21	1							11				
ENG	391.5	EAS	Southampton Eastleigh				1				18		19	11				
ENG	393	EMW	East Midlands			22								11				
ENG	397	LZD	Lydd							1			0					
ENG	402.5	LBA	Leeds Bradford				1							11				
ENG	406	BHX	Birmingham				1					13		11				
ENG	414	BRI	Bristol Filton				1				18			11				
ENG	417	ND	Gt.Yarmouth Nth Denes							3	18							
ENG	421	BUR	Burnham				1			3								
ENG	423	CWL	Cranwell				1		13	3								
ENG	426	SH	Shobdon						13	3				11				
ENG	433.5	HEN	Henton				1			3								
ENG	850	CIT	Cranfield						13	3								
ESP	285	GR	Granada											20				
ESP	292	BRB	Barcial del Barco						7									
ESP	300	ZMR	Zamora			16			7									
ESP	308	VT	Vitoria			3												
ESP	319	ECV	Colmenar			23				4			2	20				
ESP	321	ABT	Albacete			0			5		2							
ESP	325	AST	Asturias			1			5	1				20				
ESP	328	HIG	San Sebastian			21	1		5	4			22					
ESP	330	AI	Alicante						6									
ESP	330	G	Gerona			22												
ESP	330	LEN	Leon Virgen del Camino			0	1							20				
ESP	335	L	Madrid Getafe						6				0	20				
ESP	340	PND	Valencia Pinedo			3												
ESP	340	SEO	Seo de Urgel										22					
ESP	342	VLD	Valladolid			20			6		2		20	20				
ESP	348	ZZA	Zaragoza			2							21	21				
ESP	354	PP	Pamplona			23				1								
ESP	356	SGO	Sagunto			21	2		6		2			21	23			
ESP	366	COR	Cordoba										0	21				
ESP	367	SBD	Sabadell			1								21				
ESP	380	CAC	Caceres			2	2		6	2			1	20				
ESP	380	VNV	Villanueva			21	1							20				

ESP	381	LCZ	Murcia Los Alcazares				2								20				
ESP	387	AV	Asturias Aviles						5	1					20				
ESP	389	ZRZ	Zaragoza				2	2	6	3					20				
ESP	390	SO	Santiago				22												
ESP	395	B	Bilbao				23	1	6	4				21					
ESP	401	COA	La Coruna											3	20				
ESP	410	C	La Coruna				3	2	5		3			20	20				
ESP	412	GRA	Granada				1		5	5	3			1					
ESP	412	GRN	Gerona				2	1	5	5				0	20				
ESP	416	SA	Santander							1	3			20	20				
ESP	417	SNO	Santiago								2			19					
ESP	420	SPP	Sevilla San Pablo											22	20				
ESP	421	GE	Madrid Getafe					2	5	5				21	20				
ESP	422	PAM	Pamplona				0	1	5		3			20	20				
ESP	423	SCA	Salamanca						5		3				20				
ESP	424	RUS	Reus					1			3				20				
ESP	433	JER	Jerez					1		1	3		20		20				
ESP	433	VON	Vigo					22	6	1	3				20				
EST	317	OZ	Kardla											2					
EST	418	L	Tallinn Ülemiste					1			22								
EST	432	G	Amari																14
EST	514	GO	Amari Air base				20						20	14			21		14
FIN	290	TP	Oulu	19									18		19				
FIN	296	JYV	Jyvaskyla												20				15
FIN	305	S	Mariehamn				23												
FIN	306	L	Jyvaskyla																15
FIN	310	KUR	Kuopio																15
FIN	315	D	Tampere Pirkkala				2												12
FIN	318	B	Pori												20				
FIN	322	KOR	Helsinki Korso				20	17	1				18		20		22		
FIN	324	AS	Kemi Tornio								23	0	19		20				
FIN	325	JOE	Joensuu				4					0							
FIN	326	SUI	Tampere Suini				18												
FIN	328	KIT	Kittila				20	1											
FIN	333	G	Kemi Tornio				13					0			20				
FIN	334	S	Kuopio				20												
FIN	336	M	Mikkeli				20												
FIN	337	KAJ	Kajaani				20	1	19						20				
FIN	339	V	Kokkola Kruunupy					1											
FIN	340	KAI	Utti Kaipi	20			21	13	1		1		20		20				

FIN	340	KS	Kuusamo				1											
FIN	341	POR	Pori	21		21	13	1		19	1			20		19	20	18
FIN	345	SUS	Kauhava Susi			0	20	1									20	
FIN	346	MI	Mikkeli Korpikoski	21			20											
FIN	350	LAA	Oulu Laanila	21	3		20	1		19	1	19				19	20	
FIN	351	SAV	Savonlinna															12
FIN	352	PSJ	Seinajoki				21										20	
FIN	355	J	Varkaus	19	19		21										20	
FIN	357	SEP	Vaasa Seppi		3			1			1						20	
FIN	361	LIE	Turku Lieto	20			21	1		19	1					19	20	0
FIN	361	RO	Kauhava		3		21			20							20	
FIN	365	VS	Tampere Vesilahti		4		21				1					19	20	
FIN	370	JR	Varkaus Joroinen		21		21											
FIN	373	KEM	Kemi Tornio					1		21	1					0		
FIN	374	S	Mikkeli					1										
FIN	375	FR	Pori Vanhakylä							21		19				19		
FIN	380	PHS	Pyhasalmi				21											
FIN	381	ESP	Helsinki Espoo				21	1		21	1					2	21	
FIN	382	IJ	Seinajoki				21										21	
FIN	385	KV	Halli					1		21		21					21	
FIN	388	KRU	Kronoby Kruunupyy				21	1									21	
FIN	392	GDY	Mariehamn Godby					1		21					3		21	0
FIN	392	RAN	Lappeenranta					1		21							21	16
FIN	398	ESS	Kruunupyy Kronoby					0									21	
FIN	401	JP	Joensuu					1									21	
FIN	404	Y	Kemi Tornio							19							21	
FIN	408	F	Helsinki Malmi															14
FIN	408	H	Enontekio														21	
FIN	408	O	Seinajoki															14
FIN	412	I	Halli							22								14
FIN	416	TOR	Rovaniemi Toramo							22						1	21	
FIN	419	HY	Vaasa					1							19		21	
FIN	432	AKU	Ivalo Akujarvi							22					14		21	
FRA	286.5	TA	Villacoublay Velizy							11								
FRA	288.5	AVD	Avord														12	
FRA	289	HR	Hericourt				2											
FRA	291	WS	Grenoble St Geoirs				2											
FRA	301	RTN	Romorantin							11	16						12	
FRA	302	ROM	Rodez Marcillac		2		20											
FRA	306.5	AV	Avord				16	1		11	16						12	

FRA	309	DO	Dole Tavaux				16															
FRA	315	HOL	Villacoublay Velizy							11	16											
FRA	317	VS	Valenciennes Denain				16	1		11	16											
FRA	318	BE	Bordeaux Merignac		2		23															
FRA	320	LSU	Limoges Bellegarde					1														
FRA	320	TY	Troyes Barberey				5	1		11	18	18										
FRA	321	ABY	Albert Bray				5			11	18		21									
FRA	321	TL	Tarbes Lourdes		2								21									
FRA	322	ORS	Orleans														12					
FRA	322	RL	La Rochelle				20															
FRA	322	TLN	Hyerres Le Palyvestre			20	23						21									
FRA	324	MOU	Moulins							11	18						12					
FRA	326	LM	Le Mans Arnage				23			11	18						12					
FRA	327	MVC	Merville Calonne					1		11	18		21	23								
FRA	330	MB	Montbeliard				5											22	11			0
FRA	331	TUR	Tours Val de Loire				20										12					
FRA	332	LL	Lille Lesquin				20	1		11	18		21									
FRA	335	MC	Montlucon Domerat								18						12					
FRA	338	NC	Nice Cote d'Azur			21	20												16			
FRA	339	FG	Montpellier Mediterranee				20															
FRA	339	GI	Amiens Glisy								18											
FRA	339	NE	Nancy Essey															23	11			
FRA	341	AMB	Amboise					1		11	18						12					
FRA	342	VA	Vannes Meucon								16											
FRA	343	AR	Aurillac				20															
FRA	343	MS	Marseille Provence	21			20															
FRA	344	TR	Villefranche Tarare				20												23			
FRA	345	LN	Lannion														12					
FRA	346	CH	Chambery Aix les Bains					20										23				
FRA	346	LHO	Le Havre Octeville				20			11												
FRA	347	CVT	Chalons Vatry			22	20		20									23	16			
FRA	349	RS	Rennes St Jacques							11			21									
FRA	353	BN	Basle Mulhouse				0												11			
FRA	353	SB	St.Brieuc Armor							11							12					
FRA	354	MTZ	Metz Nancy Lorraine					1	21			18	21					23	11			
FRA	357	LP	Cholet Le Pontreau							11			21									
FRA	358	LT	Le Touquet Paris Plage							11			21									
FRA	359	LOR	Lorient Lann Bihoue					1			2	18					12					
FRA	359.5	CDN	Chateaudun		20			1				18					12	23				
FRA	363	PI	Poitiers Biard					1									12					

FRA	412	SE	Strasbourg Entzheim			5						21		11	
FRA	413	ALM	Aix Les Milles									0			
FRA	417	AX	Auxerre Branches									4		17	
FRA	418	MK	Calais Dunkerque									2			
FRA	419	EMT	Epinal Mirecourt			16						19			
FRA	424	LOE	Limoges Bellegarde									20			
FRA	427	RY	Royan Medis						19			2			
FRA	428	BST	Lanveoc Poulmic				1					2	10		
FRA	428	CTX	Chateauroux Déols				1								
FRA	430	SN	St. Yan				1			19			10	16	
FRA	434	MV	Melun Villaroche				1								
FRO	337	MY	Myggenaes				1		0	1	23			11	0
GEO	353	BT	Ali			23									
GEO	430	LU	Batumi										20		
GEO	450	MT	Mestia			0									
GEO	520	DF	Mukhrani			23									
GRC	345	THS	Salonika Makedonia			22								23	
GRC	362	LSA	Larisa	20									21		
GRC	382	EGN	Athens Central Aegina Is.											23	
GRL	298	KU	Kook Islands										5		
GRL	359	NA	Narsarsuaq										2		
GRL	372	OZN	Prins Christian Sund	4		21	23		5			7	21	2	
GRL	382	SF	Sondre Stromfjord											6	
GRL	386	CP	Constable Pynt						5					3	
GRL	391	MA	Maniitsoq											5	
GSY	383	ALD	Alderney			21	1		10	18	22		6		
HNG	288	MNR	Monor for Ferihegy			1									
HNG	306	TPS	Tapiosap			22									
HNG	326	C	Debrecen			16	22							22	
HNG	329	HA	Budapest Ferihegy			18	1				19		19	20	
HNG	335	BL	Budapest Ferihegy	20		5	1							20	
HNG	343	A	Budapest Ferihegy			18									
HNG	346	Y	Nyiregyhaza			22									
HNG	348	SVR	Sagvar			5	1	20			19		3	20	16
HNG	354	GYR	Gyor			0	1					19	2	20	
HNG	357	L	Budapest Ferihegy			18	22				19			20	
HNG	374	BKS	Bekes			16	1				19		0	20	
HNG	381	R	Budapest Ferihegy			18	0					19		20	
HNG	383	EN	Debrecen			21	22					18		22	
HNG	386	PTB	Pusztaszabolcs			18	1					2		20	

HNG	390	SAG	Sajohidveg			5														
HNG	395	BR	Budapest Ferihegy			18	1					18	2	22						
HNG	400	BC	Bekescsaba				22					18		22						
HNG	403	M	Budapest Ferihegy			5	0					19		20						
HNG	412	PP	Pecs			5	2				19		19	3	20		23			
HNG	420	HM	Budapest Ferihegy			18						19		20						
HNG	430	BUG	Bugac			18	0				19		0	20	22	21				
HNG	436	SME	Sarmellek Balaton			0	1				19		0	20		23				
HNG	456	SEG	Szeged			18	1							21		22				
HNG	517	JBR	Jaszbereny			22	1				19		3	20		17				0
HOL	326	LLS	Lelystad			16				10	11		3	11						
HOL	330	SO	Eelde Groningen			16				10	11		22	11						
HOL	332	NV	Amsterdam Schiphol			16				10	12		22	11						
HOL	350.5	ROT	Rotterdam			16	23			10	18	12		22	11					
HOL	357	VZ	Eelde Groningen			16	23			10	18			21	11					
HOL	369	PS	Rotterdam Locator			16				10	18	12		20	11					
HOL	373	NW	Maastricht Beek			16	1				18			3	11		22			
HOL	376	WP	Amsterdam Schipol Weesp			16				10	18	12		19	11					
HOL	383.5	GUL	Gulpen			16	1			10	18	13		19	11					
HOL	386	STD	Stad aan het Haringvliet			16	23			10	18	12		19	11					
HOL	388.5	CH	Amsterdam Schiphol			16				10				19	11					
HOL	395	OA	Amsterdam Schiphol			16				10		13		19	11					
HOL	397	EHN	Eindhoven			16				10		12		19	11					
HOL	404.5	RR	Rotterdam Locator			16	1			10		12		19	11					
HRV	265	KAV	Pula Kavran			22	1						1	0	7	23				
HRV	289	RI	Rijeka Krk			2	21							22	7					
HRV	316	TNJ	Tounj			23	16	1					19	0	19	22	16			
HRV	318	KLP	Dubrovnik Kolocep	20		23	5							19	22					
HRV	320	VL	Pula Valtura			5								21	22					
HRV	325	VG	Zagreb Velika Gorica			23	4							22						
HRV	330	ZRA	Zadar Kakman			20	16						19		20	7				
HRV	344	VAR	Varazdin					23						21						
HRV	348	ZK	Zadar			21	5	1						19						
HRV	350	SK	Zagreb Kraljevec	21		22		1	20		1			22	20		16			
HRV	351.5	PLA	Pula			0	1	20	0	1	19			22		20				2
HRV	367	ZAG	Zagreb	20				1	21					23	20		17			2
HRV	369	VRS	Vrsar					1	21		1	19		2		23	16			
HRV	372	CE	Osijek Cepin			22	16				1			1	20		23			
HRV	385	BO	Zadar Bokanjac			16	1							21	20					
HRV	397	CV	Dubrovnik Cavtat			23								23	20					

ITA	371	LEV	Savigliano Levaldigi		21				21		1						21			
ITA	371	RIV	Rivolto				1													
ITA	374.5	ANC	Ancona		21		21	23	21	18		22				22	21		16	
ITA	376.5	ORI	Bergamo Orio al Serio				23			18					22				19	
ITA	379	PIS	Pisa		21		5	18		22	0						21			
ITA	379	VEN	Venezia Tessera				5	23				22					21			
ITA	382	GAZ	Gazoldo				5	20	21						10		21			
ITA	386	LIN	Milano Linate												4		21		13	
ITA	388	GUI	Guidonia															22		
ITA	390	AVI	Aviano				23			18	1	22			21	21		23		
ITA	392.5	TOP	Torino Poirino				22	23		18					21			19		
ITA	396	RON	Ronchi dei Legionari				23								23	21				
ITA	398	PRU	Perugia San Egidio		21		22	23	22						19	21		1		
ITA	400.5	COD	Codogno				22	23		22		22			21	21		19		
ITA	401	BPL	Bari Palese				22	20				22			19					
ITA	405	VIE	Vieste				5					22			21			8		
ITA	408	CHI	Chioggia					20							19	21				
ITA	413	BOA	Bologna					23			2	22			18	21				
ITA	417	VIC	Vicenza					1								21				
ITA	421	FN	Roma Fiumicino					1				22			21	21				
ITA	423	FOR	Forli					23		22	2	22			23	21		16		
ITA	425	MMP	Gallarate Malpensa						22											
ITA	426	SOR	Sorrento									22				21				
ITA	440	PIA	Piacenza					23		18	2	22				21				
ITA	480	VIB	Viterbo					20		22						21		16		
JMY	362	JAN	Jan Mayen				21	1					7		22	10				
JSY	329	JW	Jersey							10	19	23			0					
KAL	312.5	BT	Mys Taran																15	
KAL	410	K	Kaliningrad																	14
KAL	458	LP	Chernyakhovsk												19					
KAL	840	KR	Kaliningrad Khrabovo				15								19	4				14
KAL	930	L	Chernyakhovsk					13												
KAZ	315	TY	Atyrau					22												
KAZ	442	UR	Uralsk Podstepniy					23												
KAZ	443	AL	Almaty					3												
KAZ	451	KU	Yubileinyi					0												
KAZ	512	NA	Narimanovka Kostanay					20								20				
LBY	301	TW	Tripoli Ghararah					16												
LBY	327	NC8	Hamada NC 8					22												
LBY	328	TRO	Joday		20		16	16						22				3		

SCY	329	PRS	Palermo Punta Raisi				2												
SCY	335	PAN	Pantelleria			23		1		6						23			
SCY	373	LPD	Lampedusa					2							23	23			
SCY	407	CTF	Catania Fontanarossa					2				21							
SCY	412	SIG	Catania Sigonella											23					
SHE	315.5	SS	Scatsta												20				15
SHE	351	SBH	Sumburgh Head				21												
SRB	294	VRA	Vrsac				6	0								22			
SRB	300	PV	Petrovaradin				3												
SRB	316	JA	Beograd													21			
SRB	337	VRN	Vranje	20		21	5	1							21	22			2
SRB	348	TPL	Topola	21			5	1		2			18		21	23			0
SRB	355	OBR	Beograd Obrenovac				5						19		21				
SRB	360	LA	Kraljevo		22		2								21				
SRB	377	BLC	Blace		21														
SRB	380	KN	Beograd Krnjesevci				5	1					18		21				
SRB	387	AD	Kraljevo				23												
SRB	390	VAL	Valjevo				5	1	20						21				
SRB	405	JST	Nis Justic		21		5	23					18		21				2
SRB	416	POZ	Belgrade Pozarevac				5	1		2			19		21	21			1
SRB	423	ZO	Nis Zitorada		1		6	1		2	23				21	21			1
SRB	428	BS	Camp Bondsteel		22		17						18		21				
SRB	435	BR	Brdjani				16	1					20		21				
SRB	468	VTN	Kraljevo Vitanovac				16	1							21	21			
SRB	470	UZ	Uzice Ponikve				0	1							21				
SRB	485	IA	Indija				16	1							21	18			
SRB	495	PA	Pancevo				16								21	21			0
SUI	335	BER	Bern Belp													22			
SUI	375	GLA	Gland for Geneva	21			21	23						22					
SUI	403	LPS	Les Eplatures						20										
SVK	310	DBV	Dubove				16								23	21			0
SVK	317	PPD	Poprad Tatry			19	16						20		20				1
SVK	330	OB	Bratislava Stefanik South				16	22				19		22					
SVK	385	K	Kosice Haniska				16	22							20				
SVK	391	OKR	Bratislava Stefanik				16	22	20	23			22	1	20	21	17		1
SVK	404	ZLA	Zilina				16	22											
SVK	412	FS	Sliac				22	22											
SVK	418	PW	Poprad Tatry West				16	22							20				
SVK	425	KE	Kosice				16							22	17				
SVK	429	D.	Bratislava				16						19		21				

SVK	438	B	Bratislava Barka			16	22					19		21				
SVK	438	PE	Poprad Tatry East			16	22					0		21		17		1
SVK	477	RP	Malacky Kuchyna			16	22					2				17	15	
SVK	508	Z	Zilina Hlinik			16	22			22				21		16		
SVK	571	P	Presov Kapusany			16												
SVN	334	MR	Maribor			21							22					
SVN	355	MI	Maribor	19												17		
SVN	388	PZ	Portoroz				22											
SWE	300	SC	Linkoping Malmen											19				
SWE	309	LG	Satenas			19	17											
SWE	320	OL	Lycksele						2									
SWE	322	OD	Ornskoldsvik				20											
SWE	322	OU	Stockholm Bromma											19				
SWE	324	ON	Norrkoping Saab			20	1		23				21			23		
SWE	325	DH	Oskarshamn				18											
SWE	325	PG	Trollhattan Vanersborg				20		20	1		20						
SWE	326	KG	Kramfors Bjartra				18											
SWE	326	OG	Gavle Sandviken				18											
SWE	327	Y	Sveg		3		21											
SWE	328	DK	Vilhelmina				20	1						19				
SWE	329	VX	Vaxjo Kronoberg				23	4		20		19	20					
SWE	329	WU	Umea		3									19				
SWE	330	LNA	Lena Enkoping					1										
SWE	330	SKS	Karlstad				20	1		20	2	19		19				
SWE	333	LE	Vasteras Hasslo					13	0	20			21	19				
SWE	336	LT	Halmstad					13										
SWE	338	OA	Jonkoping				21	13	0		2	19						
SWE	341	NKS	Karlstad		22			20	1	20								
SWE	342	SL	Goteborg Landvetter					13										
SWE	342	SUT	Hemavan														14	
SWE	346	GS	Gavle Sandviken				13	1				19		20				
SWE	348	WA	Stockholm Arlanda				20											
SWE	349	JX	Vaxjo Kronoberg	21		21	20	0		20		19	21		21			
SWE	351	OV	Visby	21		23	21	1			2	19	21	14	21	20	21	
SWE	360	OS	Goteborg Save	20			21	0					21		20		23	
SWE	362	NN	Eskilstuna Kjula	20	3		21	23		20		21		20			14	
SWE	363	OEM	Kristianstad Everod	20			21		21				21		18		11	16
SWE	364	NW	Stockholm Skavsta				21					21		20				
SWE	366	KM	Kalmar				16	1	21						21		0	
SWE	366	SF	Falkoping				21			20	2							

UKR	1060	NM	Nemyriv			17	14														
UKR	1083	AU	Auly			15															
UKR	1180	PO	Poltava Suprunovka												13						
UKR	1290	BO	Bohdanivka			17		19							13						16
USA	216	CLB	Wilmington Carolina Bch, NC				2	2											1		
WLS	323	WPL	Welshpool					1		10		22									
WLS	340	HAW	Hawarden				20			10			12							11	
WLS	388.5	CDF	Cardiff							10											
XOE	326	YW	Tyra West					1													
XOE	333	GFC	Statoil Gulfaks C				20													22	
XOE	333	SHO	Shell/Esso Sean A				20			13											
XOE	336	HWB	Harald B				20														
XOE	340	HEI	Heidrun		3		20			21										11	
XOE	349	DNF	Dan Duc DF				0	1												11	
XOE	349	SPA	Sleipner A				20														
XOE	353	OBA	Oseberg A		3		23	1												22	
XOE	375	SNR	Snorre				21														
XOE	375	TR	Philips Tor E				21	1		13			13							11	
XOE	380	ULA	Ula				21	1		13			13							11	
XOE	393	NET	North Everest Amoco				22														
XOE	403.5	LNL	Lancelot A																	11	
XOE	414	GFB	Gullfaks B Statoil				19														
XOE	414	STA	Stafford A				17														
XOE	416	RA	Tyra East A					1													
XOE	419	RA	Tyra East A							21			13							11	
XOE	420	LGS	Conoco Loggs					1		13			13								
XOE	534	LF5D	Hod Platform				5														
XOE	534	LF6W	Grane				6														14
XOE	544	LF5A	Veslefrikk				20														
XOE	561	LF5B	Oseberg C																		15
XOE	570	LF6Z	Ringhorne Exxon Mobil																		14
XOE	598	AKS	Aker Spitsbergen (ship)																		13
XOE	598	LAOS	Deepsea Atlantic				3														
XOE	615	OM	Gorm C				16	14	1	13						6					14
XOE	615	STB	Stafford B				14	1												11	
Cou	kHz	Call	Location	CZE fr	CZE my	CZE ze	DEU hw	DEU je	DEU s2	ENG bk	ENG ds	ENG hh	ENG me	ENG px	FIN ks	FRA jj	HOL rb	ITA st	SUI ps	SWE bn	SWE ko

'MOB's The 'Mine Only Beacons' table is omitted this time as it is very large and not very meaningful for this special CLE.

NDB COUNTS, BY FREQUENCY

This table would also be very large and not very meaningful.

However, these were the busiest frequencies used for pyramid making:

NDBs	kHz
18	330
12	360
12	340
11	345
11	375
11	397
11	322
10	348
10	339
10	385
10	395
10	341
10	380
10	404

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE138 Pyramid CLE 25 Dec 2010 - 4 Jan 2011
NOW: CLE165 Pyramid CLE 25 Dec 2012 - 7 Jan 2013

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 fr		719		50		69		1777
DEU s2		609		39		64		2657
FIN ks		1446		95		66		3522
ITA st		606		39		64		1655
SUI ps		654		99		151		1855
SWE bn		1080		67		62		2369
SWE ko		1222		78		64		2227

Averages:	905	67	77	2295
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Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
CZE my	985	1481	284	95	288	64	7753	7753
CZE ze	830	888	288	68	347	77	3695	2003
DEU hw	1476	1344	924	796	626	592	8452	7522
DEU je	994	1061	346	438	348	413	7479	7479
ENG bk	1347	1159	86	265	64	229	4335	6761
ENG ds	1103	1045	167	178	151	170	4673	6769
ENG hh	1020	1035	121	193	119	187	6714	3855
ENG me	1364	1701	472	109	346	64	6750	7110
ENG px	1377	1369	88	88	64	64	6196	4168
FRA jj	1107	1126	357	310	322	275	6965	6965
HOL rb	1648	1517	709	704	430	464	8004	7039
Averages:	1205	1248	349	295	282	236	6456	6129
% Increase:		4		-16		-16		-5

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 aerials, 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 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.

TAB's Trans-Atlantic Beacons

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

CLE165e5.xls
bk 9 Jan. 2013