

**NDB LIST CLE No. 219    350 - 369.9 kHz    26 - 29 May 2017, midday-midday local time**

**COMBINED RESULTS  
EUROPE**

**Reporters:**

<b>CZE</b>	lk	Ludek Kosek, Jablonec nad Nisou, N. Bohemia
<b>CZE</b>	my	Milos Holy, Lhota pod Radcem
<b>CZE</b>	ze	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
<b>DEU</b>	hw	Hartmut Wolff, Near Wolfsburg
<b>DEU</b>	je	Joachim Rabe, Norderstedt, north of Hamburg
<b>DEU</b>	wg	Wolfgang Roessler, Engelgau
<b>ENG</b>	hh	Brian Heath, Stapleton, Leicestershire
<b>ENG</b>	me	Mike Thayne, Whitley Bay
<b>ENG</b>	mt	Mike Trodd, Yapton, near Arundel, W Sussex
<b>ENG</b>	pt	John Pitty, Horsham, West Sussex
<b>ENG</b>	px	Peter Greatorex, Bolsover, Derbyshire
<b>ENG</b>	re	Ray Evans, Bolsover, Derbyshire
<b>HOL</b>	rb	Roelof Bakker, Middelburg, Zealand
<b>NOR</b>	gl	Geir Laastad, Svelvik
<b>SCT</b>	ds	David Atkins, Tighnabruaich, Argyll

For full details, please see the individual reporters' logs,  
as previously posted by them to the List.  
If you spot an omission or problem in your own details below  
please let me know ( ndbcle'at'gmail.com  
- replace the 'at' by an @ symbol )

**BEACONS HEARD:**

**Beacons are shown in kHz order within each country**

UNIDs and 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. 01 indicates logged between 01:00-01:59 UTC).

ITU	QRG	ID	Station	CZE lk	CZE my	CZE ze	DEU hw	DEU je	DEU wg	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	HOL rb	NOR gl	SCT ds
ALG	353	BNA	Beni Amrane									20	20			20		
ALG	356.5	OU	Ouargla			0												
AUT	358	TUN	Tulln for Schwechat	19	21	20	21	20	23	21				21	22	20	22	3
AZR	360	HT	Horta / Faial Island															3
BAL	351	CST	Costix for Palma De Mallorca				0									20		
BEL	352.5	DD	Oostende				21						21	19	22	10		
BEL	355	ONW	Antwerpen / Deurne		23	1	21	23	21	15	11	18	21	19	22	10		2
BEL	360.5	MAK	Mackel for Brussels Ntl	20	23	2	21	21	22	15	11	18	22	19	23	11		3
BIH	355	MA	Mostar		23	0	21											
BIH	357.5	KG	Sarajevo / Butmir / Kobiljaca		23	1	22											
BUL	350	DWN	Devnya For Varna		19	0	19	0		21						20		
CAN	350	DF	Deer Lake													2		2
CAN	356	AY	St Anthony													2		
CNR	365	VR	Gran Canaria / Las Palmas															3
CZE	362	L	Namest nad Oslavou		22	20	21	22										
CZE		X	Namest nad Oslavou	21		21												
CZE	365	L	Karlovy Vary / Vrata	20	22	0	13	21	23							22		
DEU	350	FU	Hamburg West		23	2	12	19	21	17	11			22	22	20	23	
DEU	352	LAA	Niederrheim		0	2	12	21	22	15	11		21	19	22	10		2
DEU	353	KIL	Kiel / Holtenau		23	2	13	19		18	11		21		22	20	23	2
DEU	354	PAD	Paderborn / Lippstadt		20	2	13	21		21					22	10		2
DEU	357	SKZ	Leipzig / Halle	19	20	20	13	20	21	21			22			21		2
DEU	358	HW	Hannover / West			20												
DEU		MSE	Munchen		21	1	21	1		21					22	21		
DEU	360	SR	Saarbrucken / Ensheim		23	2	21	21		23						20		
DEU	365	LJ	Koln / Bonn		23	1	13	21	23	21			22	22	23	11		3
DEU	368	BYC	Buckeburg		23	20	13	19	23	21					22	11		3
DEU	369	MNE	Munchen		22	1	21	20		21						0		
DNK	351	KP	Karup		0		21	21			11							
DNK	357	KD	Kolding / Vamdrup		0		13	19		18	11		22			10		2
DNK	368	RK	Copenhagen / Roskilde		23	23	13	19								22	22	
DNK	369	KA	Karup				22	0										
ENG	352	NT	Newcastle				22			15	11			21	21	10		12
ENG		WOD	Woodley				22			15	11	18	21	20	21	10		2
ENG	353.5	EME	East Midlands				22			15	11	18	21	19	21	10		2
ENG	356	WBA	Wolverhampton				23			15	11	18	21	19	21	10		12
ENG	362.5	SND	Southend-On-Sea		0		22			15	11	18	22	19	22	11		3
ENG	363.5	CT	Coventry				21			15	11	18	22	19	21	11		12
ENG	365	KIM	Kirmington				23			15	11	18	15	19	21	11		
ENG	367.5	OX	Oxford / Kidlington		1		22			15	11	18	15	19	21	11		12
ENG	368.5	WHI	Whitegate for Hawarden				23			15	11	19		19	22	11		12
ENG	369	RCH	Rochester							15		19	16	19	17	11		



ITA	357	CAS	Caselle Torinese (TO)		0	0	22	1		21					23			
ITA	357.5	FAL	Falconara Marittima (AN)		23	1	21	21	23	21		20		21	22	20	0	3
ITA	364	MAL	Gallarate / Malpensa (VA)			23	21	23							23			
LUX	368.5	ELU	Luxembourg-Berg	20	0	1	21	21	23	22				22	11			
NOR	358	GRK	Trondheim / Vaernes / Grakallen		0		22	23	23	0					23			
NOR	360	ASK	Bergen / Flesland / Askoy		0		22	23	23	23	11			0	23	23	3	
NOR		ULV	Bronnoysund / Ulvingen		0		22	23		23					23			
NOR	362	BVK	Orsta-Volda / Hovden / Baatvik		1		0	0							23			
NOR	365	ODD	Harstad / Narvik / Evenes / Odden														3	
NOR	366	UTH	Orland / Uthaug		1		22	23		0				0	22		3	
NOR	369	STG	Stegen		1		23								22		3	
ROU	351	ISI	Iasi	19	20	2	19	0		22				0	20	23		
ROU	360	O	Oradea		23	2	21	0		21				23	20			
RUS	350	B	Belgorod		0													
RUS		UK	Yukhnov				22											
RUS	360	TS	Zadonsk		21		21											
SAR	357	SME	Olbia / Costa Smeralda (SS)		21	1	21	0							20			
SCT	355	PIK	Prestwick				22	1		21	11			21	22	21	0	12
SCT	368	UW	Edinburgh				0			22	11				22	22		12
SHE	351	SBH	Sumburgh Head								11							2
SRB	355	OBR	Beograd / Obrenovac		0	0	21	0		21						23	0	
SRB	360	LA	Kraljevo		0	20	23											
SVN	355	MI	Maribor		20	1	21	1							0			
SWE	351	OV	Visby	21	0	0	12	19	23	21			21		21	20	23	22
SWE	362	NN	Eskilstuna / Kjula		1	1	21	23		22					23	23	22	
SWE	363	OEM	Kristianstad / Everod	20	22	20	13	19	23	21		22		23	23	22	3	
SWE	364	NW	Stockholm / Skavsta / Nykoping			1	22								22			
SWE	366	KM	Kalmar	20	22	23	19	19	23	21					22			3
SWE		UP	Uppsala				23											
SWE	368	OY	Sveg			23	22	22							22			
SWE	369	NL	Goteborg / Landvetter				21	23									0	
SWE		OO	Ornskoldvik				22											
SWE		OS	Skelleftea		1													
TUR	352	BRY	Yenisehir				22											
TUR	363	CIG	Izmir / Cigli / Kaklic		22	23	21	23		22						21		
XOE	353	OBA	Oseberg A platform		0		22									23		
XOE	359	BUZ	Buzzard / Nexen Platform							15	11					10		
XUE	351	MIA	UNID									19						
<b>ITU</b>	<b>QRG</b>	<b>ID</b>	<b>Station</b>	<b>CZE</b>	<b>CZE</b>	<b>CZE</b>	<b>DEU</b>	<b>DEU</b>	<b>DEU</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>HOL</b>	<b>NOR</b>	<b>SCT</b>
				<b>lk</b>	<b>my</b>	<b>ze</b>	<b>hw</b>	<b>je</b>	<b>wg</b>	<b>hh</b>	<b>me</b>	<b>mt</b>	<b>pt</b>	<b>px</b>	<b>re</b>	<b>rb</b>	<b>gl</b>	<b>ds</b>

**COUNTRIES HEARD:**

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

ITU	Country	CZE lk	CZE my	CZE ze	DEU hw	DEU je	DEU wg	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	HOL rb	NOR gl	SCT ds
ALG	Algeria			1						1	1			1		
AUT	Austria	1	1	1	1	1	1	1					1	1	1	1
AZR	Azores															1
BAL	Balearic Islands				1									1		
BEL	Belgium	1	2	2	3	2	2	3	3	3	3	3	3	3		2
BIH	Bosnia-Hercegovina		2	2	2											
BUL	Bulgaria		1	1	1	1		1						1		
CAN	Canada, NL													2		1
CNR	Canary Islands															1
CZE	Czech Republic	2	2	3	2	2	1							1		
DEU	Germany	1	10	11	10	10	5	10	3		4	3	7	10	2	6
DNK	Denmark		3	1	4	4		1	2		1			2	1	1
ENG	England		2		9			10	9	9	8	10	10	10		8
ESP	Spain		1		1			1						1		1
FIN	Finland		2		3	2	1	1						1		
FRA	France	1	7	4	19	7	6	8	1	9	9	4	7	16		16
GRC	Greece		1	1	1		1							1		
HNG	Hungary	1	1	1	1	1		1				1	1	1	1	
HOL	Netherlands		1	1	2	2	1	2	2	2	1	1	2	3		1
HRV	Croatia	3	4	4	4	4	1	4		4	1	2	3	4	3	3
IOM	Isle Of Man				1			1	1			1	1	1		1
IRL	Ireland				2			2	1	1		1	2	1		2
IRN	Iran		1		1	1								1		
ISL	Iceland															1
ITA	Italy		5	5	6	5	1	2		1		1	1	5	1	1
LUX	Luxembourg	1	1	1	1	1	1	1					1	1		
NOR	Norway		6		6	5	2	4	1				2	6	1	4
ROU	Romania	1	2	2	2	2		2					2	2	1	
RUS	Russia (European)		2		2											
SAR	Sardinia		1	1	1	1								1		
SCT	Scotland				2	1		2	2			1	2	2	1	2
SHE	Shetland Islands								1							1
SRB	Serbia (Yugoslavia)		2	2	2	1		1						1	1	
SVN	Slovenia		1	1	1	1								1		
SWE	Sweden	3	5	6	9	6	3	4			2		3	6	4	3
TUR	Turkey		1	1	2	1		1						1		
XOE	Int Waters: Europe		1		1			1	1					2		

XUE	UNID (Europe?)									1						
ITU	ITU-Name	CZE lk	CZE my	CZE ze	DEU hw	DEU je	DEU wg	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	HOL rb	NOR gl	SCT ds

**LISTENING TIMES:**

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

UTC (hh)	CZE lk	CZE my	CZE ze	DEU hw	DEU je	DEU wg	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	HOL rb	NOR gl	SCT ds
00:00 - 00:59		24	12	4	9	2	4					3	3	5	
01:00 - 01:59		7	13		5										
02:00 - 02:59			10	1	1								2		20
03:00 - 03:59															26
10:00 - 10:59													17		
11:00 - 11:59								27					12		
12:00 - 12:59				3											10
13:00 - 13:59				9											
15:00 - 15:59							21			3					
16:00 - 16:59										1					
17:00 - 17:59							2			1					
18:00 - 18:59							2		20						
19:00 - 19:59	5	2		5	9				4		16				
20:00 - 20:59	6	7	10	1	6				5	4	2		17		
21:00 - 21:59	4	5	1	41	12	7	22		2	10	7	8	7		
22:00 - 22:59		7		26	3	4	8			11	4	26	12	5	1
23:00 - 23:59		16	6	13	16	13	5					10	20	7	
UTC (hh)	CZE lk	CZE my	CZE ze	DEU hw	DEU je	DEU wg	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	HOL rb	NOR gl	SCT ds
Totals	15	68	52	103	61	26	64	27	31	30	29	48	90	17	57

**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:

QRG	CZE lk	CZE my	CZE ze	DEU hw	DEU je	DEU wg	ENG hh	ENG me	ENG mt	ENG pt	ENG px	ENG re	HOL rb	NOR gl	SCT ds
350	1	5	4	6	4	2	3	1	1		1	2	6	2	2

350.5		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
351	2	5	2	8	3	2	3	3	2	3	1	3	5	2	4		
351.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
352		1	1	5	2	1	3	3	1	2	3	3	4		3		
352.5				1			1	1	1	1	1	1	1				
353		3	2	4	2	1	2	1	2	3	1	2	5	1	2		
353.5				1			1	1	1	1	1	1	1		1		
354	2	5	4	5	4	1	3	1	1	1	1	3	5	1	3		
355		5	4	6	5	1	3	2	1	1	2	2	5	2	3		
356		1		3	1		2	1	1	1	1	1	4		2		
356.5			1														
357	1	5	3	6	6	1	3	1	1	3		1	6		3		
357.5		2	2	2	1	1	1	1	1	1	1	1	1	1	1		
358	1	4	3	5	3	3	4	1	1	1	2	3	5	1	4		
359				2	1	1	3	2	1	1	1	2	3		2		
360		6	3	6	4	1	4	1				2	4	1	2		
360.5	1	1	1	1	1	1	1	1	1	1	1	1	1		1		
361			1	2			2		1			1	2		2		
362	1	4	4	4	3	1	1	1	1			1	3	1			
362.5		1		1			1	1	1	1	1	1	1		1		
363	1	3	2	3	2	1	3		1	2		1	3	1	2		
363.5				1			1	1	1	1	1	1	1		1		
364			2	3	1		1						2				
365	1	3	2	4	3	2	3	1	1	2	2	2	3		3		
366	1	2	1	3	2	1	2					1	2		2		
367	1	1	2	2	2	1	2		2	1	2	2	2	1	2		
367.5		1		1			1	1	1	1	1	1	1		1		
368		2	3	6	3	1	2	2	1		1	3	4	1	3		
368.5	1	1	1	2	1	1	2	1	1		1	2	2		1		
369		5	2	8	5		4	1	3	1	1	2	6	1	4		
<b>QRG</b>		<b>CZE</b>	<b>CZE</b>	<b>CZE</b>	<b>DEU</b>	<b>DEU</b>	<b>DEU</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>ENG</b>	<b>HOL</b>	<b>NOR</b>	<b>SCT</b>		
		<b>lk</b>	<b>my</b>	<b>ze</b>	<b>hw</b>	<b>je</b>	<b>wg</b>	<b>hh</b>	<b>me</b>	<b>mt</b>	<b>pt</b>	<b>px</b>	<b>re</b>	<b>rb</b>	<b>gl</b>	<b>ds</b>	

## MOBs

(Occasionally an entry may be the result of an incorrectly received ident)

QRG	ID	Station	ITU	Reporter	UTC
350	B	Belgorod	RUS	CZE my	0015
350	LAA	Oulu / Laanila	FIN	DEU wg	0003

350	UK	Yukhnov	RUS	DEU	hw	2227
351	MIA	UNID	XUE	ENG	mt	1927
352	BRY	Yenisehir	TUR	DEU	hw	2233
355	RK	Reykjavik	ISL	SCT	ds	0257
356	AY	St Anthony	CAN	HOL	rb	0245
356.5	OU	Ouargla	ALG	CZE	ze	0042
358	BRS	Biscarosse / Parentis	FRA	SCT	ds	0306
358	HW	Hannover / West	DEU	CZE	ze	2040
360	HT	Horta / Faial Island	AZR	SCT	ds	0308
364	KNK	Connaught	IRL	ENG	hh	2317
364	PU	Pau / Pyrenees	FRA	DEU	hw	2157
365	ODD	Harstad / Narvik / Evenes / Odden	NOR	SCT	ds	0319
365	VR	Gran Canaria / Las Palmas	CNR	SCT	ds	0317
368	TLB	Toulouse / Blagnac	FRA	DEU	hw	2205
369	OO	Ornskoldvik	SWE	DEU	hw	2225
369	OS	Skelleftea	SWE	CZE	my	0158

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE203 350 - 369.9 kHz 22 - 25 Jan 2016  
**NOW:** CLE219 350 - 369.9 kHz 26 - 29 May 2017

Reporter	Av km	Av km	Total	Total	NDBs	NDBs	Max	Max
	THEN	NOW	km x 1000 THEN	km x 1000 NOW	THEN	NOW	km THEN	km NOW
CZE lk		543		8		15		987
CZE my	886	893	77	61	87	68	2104	3033
CZE ze	830	734	53	38	64	52	2237	2236
DEU hw	1183	924	159	95	134	103	7322	3311
DEU je	829	840	66	51	80	61	2448	3369
DEU wg		624		16		26		1939
ENG hh	876	785	64	50	73	64	2986	2516
ENG me	1019	431	92	12	90	27	3775	647
ENG mt		507		15		31		1570
ENG pt		485		15		30		1632
ENG px	646	523	27	15	42	29	1782	1515
ENG re	965	709	83	34	86	48	3837	2146
HOL rb	1122	908	133	82	119	90	6831	4227
NOR gl		1034		18		17		1797



SCT ds	855	992	37	57	43	57	1923	4172
<b>Averages:</b>	921	729	79.1	38	81.8	47.9	3525	2340
<b>% Increase:</b>		-21		-52		-41		-34

Av. km = Average distance from listener to NDB for all their loggings  
Total km = Sum of distances from listener to NDBs for all their loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance from listener to an NDB logged  
(UNIDs are not included)

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

The 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.