

**COMBINED RESULTS**

For overall statistics, please see the covering email.

**Reporters:**

HOL	<b>ag</b>	Alan Gale (ENG), Enschede
HOL	<b>bc</b>	Bob Coomler (AZ), Enschede
HOL	<b>bk</b>	Brian Keyte (ENG), Enschede
HOL	<b>ch</b>	Chuck Dobbins (TX), Enschede
HOL	<b>de</b>	Dan Petersen (WA), Enschede
HOL	<b>dn</b>	Don Tomkinson (CA), Enschede
HOL	<b>dp</b>	Dick Palmer (MO), Enschede
HOL	<b>ds</b>	David Atkins (ENG), Enschede
HOL	<b>du</b>	Douglas Springfield (TX), Enschede
HOL	<b>dw</b>	Don Ward (NC), Enschede
HOL	<b>fr</b>	Frantisek Muller (CZE), Enschede
HOL	<b>jc</b>	John Collins (NH), Enschede
HOL	<b>je</b>	Joachim Rabe (DEU), Enschede
HOL	<b>mc</b>	Mark McCarthy (OR), Enschede
HOL	<b>me</b>	Mike Thayne (ENG), Enschede
HOL	<b>mo</b>	Michael Oexner (DEU), Enschede
HOL	<b>mu</b>	Mark Moulding (UT), Enschede
HOL	<b>mx</b>	Mike Tuggle (HWA), Enschede
HOL	<b>my</b>	Milos Holy (CZE), Enschede
HOL	<b>pi</b>	Pieter-Tjerk de Boer (HOL), Enschede
HOL	<b>px</b>	Peter Greatorex (ENG), Enschede
HOL	<b>r0</b>	Roelof Bakker (HOL), Enschede
HOL	<b>rt</b>	Tom Rothlisberger (WA - while in NM), Enschede
HOL	<b>sr</b>	Steve Ratzlaff (OR), Enschede
HOL	<b>st</b>	Stefano Temporin (ITA), Enschede

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. 21 indicates logged between 21:00-21:59).

























Cou	Country	HOL ag	HOL bc	HOL bk	HOL ch	HOL de	HOL dn	HOL dp	HOL ds	HOL du	HOL dw	HOL fr	HOL jc	HOL je	HOL mc	HOL me	HOL mo	HOL mu	HOL mx	HOL my	HOL pi	HOL px	HOL r0	HOL rt	HOL sr	HOL st
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### LISTENING TIMES:

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

UTC (hh)	HOL ag	HOL bc	HOL bk	HOL ch	HOL de	HOL dn	HOL dp	HOL ds	HOL du	HOL dw	HOL fr	HOL jc	HOL je	HOL mc	HOL me	HOL mo	HOL mu	HOL mx	HOL my	HOL pi	HOL px	HOL r0	HOL rt	HOL sr	HOL st
00:00 - 00:59		4	8	24		4	35	27	5					3						10					
01:00 - 01:59	2			8			15	11	7			3						18		8					
02:00 - 02:59	18					3			9			4						11		5	2		6		
03:00 - 03:59					17	1			17			20		23			22	1	1				3		
04:00 - 04:59		3	2											21											
05:00 - 05:59		1	6		3								3	3									37		
06:00 - 06:59		4			27													4							
07:00 - 07:59					3											3		7							
08:00 - 08:59																									
09:00 - 09:59															13										
10:00 - 10:59															19										
11:00 - 11:59															13										
12:00 - 12:59									1													12			
13:00 - 13:59									1													25			
14:00 - 14:59						1																			
15:00 - 15:59						2							3							1					
16:00 - 16:59						2					1		1						3						
17:00 - 17:59		1				2					1		8												11
18:00 - 18:59		5	2			1							1							6					29
19:00 - 19:59		2	4						1			5							10		11			12	9
20:00 - 20:59	9		11						2		14	13				9	2		11	5				15	
21:00 - 21:59	21	8				24			6		12	5				3	13		11	8		24		15	
22:00 - 22:59		11	9	2		8			1		8		18			19	11	8	8	4	2	26		4	
23:00 - 23:59		11	8	16		2		13		50	2		16			16	2	1	1	6					
UTC (hh)	HOL ag	HOL bc	HOL bk	HOL ch	HOL de	HOL dn	HOL dp	HOL ds	HOL du	HOL dw	HOL fr	HOL jc	HOL je	HOL mc	HOL me	HOL mo	HOL mu	HOL mx	HOL my	HOL pi	HOL px	HOL r0	HOL rt	HOL sr	HOL st

### MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !  
(Occasionally an entry may be the result of an incorrectly received ident)

kHz	C/S	Location	Cou	Reporter	UTC
433.5	HEN	Henton	ENG	HOL ag	21:11
386.5	SLV	Spa La Sauveniere	BEL	HOL bc	18:26
346	AU	Stauning	DNK	HOL bc	18:39
384	AT	Annecy Meythet	FRA	HOL bc	00:19
419	EMT	Epinal Mirecourt	FRA	HOL bc	23:58
265	KAV	Pula Kavran	HRV	HOL bc	22:35
348	ATF	Aberdeen Dyce	SCT	HOL bc	22:27
363.5	CT	Coventry	ENG	HOL bk	23:54
349	RS	Rennes St Jacques	FRA	HOL bk	23:08
448	LQ	Landsberg	DEU	HOL ch	01:03
335	WCO	Westcott	ENG	HOL ch	00:37
397	CV	Dubrovnik Cavtat	HRV	HOL ch	23:14
336	LI	Halmstad	SWE	HOL ch	00:38
386	RAK	Rakovnik	CZE	HOL de	03:10
330	ABU	Altenburg Nobitz	DEU	HOL de	05:50
372	NDO	Nordholtz	DEU	HOL de	06:37
374	FS	Dresden	DEU	HOL de	06:39
357	KD	Kolding Vamdrup	DNK	HOL de	06:04
380	VNV	Villanueva	ESP	HOL de	03:42
384	PMR	Pamiers Les Pujols	FRA	HOL de	03:28
404	CNE	Caen Carpiquet	FRA	HOL de	07:02
386	PTB	Pusztaszabolcs	HNG	HOL de	03:21
385	BO	Zadar Bokanjac	HRV	HOL de	03:23
398	PRU	Perugia San Egidio	ITA	HOL de	03:49
385	AVN	Vilnius	LTU	HOL de	03:17
383	GDB	Gdansk Rebiechowo	POL	HOL de	03:37
389	CP	Lisbon Caparica	POR	HOL de	07:04
380	KN	Beograd Krnjesevci	SRB	HOL de	03:46
397	NF	Falkoping	SWE	HOL de	03:54
384	TST	(UNID)	XUE	HOL de	03:27
420	INN	Innsbruck	AUT	HOL dn	21:52
427	BRU	Braunschweig	DEU	HOL dn	18:30
426	MIQ	Mike for Ingolstadt	DEU	HOL dn	21:17
423	CWL	Cranwell	ENG	HOL dn	21:31
424	RUS	Reus	ESP	HOL dn	21:19
422	PAM	Pamplona	ESP	HOL dn	21:33
428	CTX	Chateauroux Déols	FRA	HOL dn	21:08
427	RY	Royan Medis	FRA	HOL dn	21:10
424	LOE	Limoges Bellegarde	FRA	HOL dn	21:15
424	PHG	Phalsbourg	FRA	HOL dn	21:26
420	GS	Pula	HRV	HOL dn	03:15

422	OSJ	Osijek	HRV	HOL dn	21:57
426	SOR	Sorrento	ITA	HOL dn	21:13
423	FOR	Forli	ITA	HOL dn	21:26
421	FN	Roma Fiumicino	ITA	HOL dn	21:37
420	GO	Podgorica	MNE	HOL dn	22:05
423	NT	Lask	POL	HOL dn	21:37
420	BT	Batajnica	SRB	HOL dn	21:55
421	BL	Borlange	SWE	HOL dn	21:54
525	CH	Chernyakhiv	UKR	HOL dn	21:15
413	KTI	Innsbruck Kühtai	AUT	HOL dp	01:09
393	TAT	Molde Tautra	NOR	HOL dp	00:57
414	HD	Sandnessjoen Hestad	NOR	HOL dp	01:10
339	BIA	Bournemouth	ENG	HOL ds	00:35
358	LT	Le Touquet Paris Plage	FRA	HOL ds	00:58
332	MR	Ulyanovsk	RUS	HOL ds	00:23
330	LNA	Lena Enkoping	SWE	HOL ds	00:15
300	SC	Linkoping Malmen	SWE	HOL ds	23:46
415	RTB	Nurnberg Rothenbach	DEU	HOL du	03:09
340	KAI	Utti Kaipi	FIN	HOL du	01:40
398	ESS	Kruunupyy Kronoby	FIN	HOL du	03:33
333	G	Kemi Tornio	FIN	HOL du	20:10
344	TR	Villefranche Tarare	FRA	HOL du	01:43
349	TAR	Orland Tarva	NOR	HOL du	02:43
521	BSW	Bucuresti Baneasa	ROU	HOL du	01:05
340	HAW	Hawarden	WLS	HOL du	02:28
321	BU	Burgas	BUL	HOL dw	23:30
319	C	Prerov	CZE	HOL dw	23:18
323	GT	Hamburg North	DEU	HOL dw	23:30
323	SBL	Sherburn in Elmet	ENG	HOL dw	23:30
319	ECV	Colmenar	ESP	HOL dw	23:18
325	AST	Asturias	ESP	HOL dw	23:44
318	B	Pori	FIN	HOL dw	23:18
325	JOE	Joensuu	FIN	HOL dw	23:44
326	SUI	Tampere Suini	FIN	HOL dw	23:44
318	BE	Bordeaux Merignac	FRA	HOL dw	23:04
320	TY	Troyes Barberey ++TX	FRA	HOL dw	23:18
326	C	Debrecen	HNG	HOL dw	23:44
318	KLP	Dubrovnik Kolocep	HRV	HOL dw	23:18
325	VG	Zagreb Velika Gorica	HRV	HOL dw	23:44
316	OE	Dublin	IRL	HOL dw	23:04
320	DO	Djupivogur	ISL	HOL dw	23:18
323	CAM	Cameri	ITA	HOL dw	23:30
324	PTC	Salerno Pontecagnano	ITA	HOL dw	23:44
326	FSK	Bodo Fauske	NOR	HOL dw	23:44
324	MS	Mosjoen	NOR	HOL dw	23:44

324	HE	Notodden Heddal	NOR	HOL	dw	23:44
326	KTW	Katowice Pyrzowice	POL	HOL	dw	23:44
322	MIO	Montijo	POR	HOL	dw	23:18
318	OTR	Bucharest Otopeni	ROU	HOL	dw	23:18
317	PPD	Poprad Tatry	SVK	HOL	dw	23:04
326	OG	Gavle Sandviken	SWE	HOL	dw	23:44
325	NUT	Hemavan	SWE	HOL	dw	23:44
325	DH	Oskarshamn	SWE	HOL	dw	23:44
370	GAC	Gacko	BIH	HOL	fr	21:22
362	LSA	Larisa	GRC	HOL	fr	21:58
332	FAR	Faro	POR	HOL	fr	21:48
416	POZ	Belgrade Pozarevac	SRB	HOL	fr	21:02
337	VRN	Vranje	SRB	HOL	fr	21:30
378	OS	Sundsvall Harnosand	SWE	HOL	fr	20:45
490	KO	Koshany	UKR	HOL	fr	20:09
327	TST	Linz LNZ 'testing' ?	AUT	HOL	jc	03:01
397	LZD	Lydd	ENG	HOL	jc	02:00
347	MTN	Manston	ENG	HOL	jc	03:33
338	FNY	Doncaster Robin Hood	ENG	HOL	jc	03:40
367.5	OX	Oxford Kidlington	ENG	HOL	jc	21:27
352	PSJ	Seinajoki	FIN	HOL	jc	20:27
368	WTD	Waterford	IRL	HOL	jc	21:00
368	UW	Edinburgh	SCT	HOL	jc	20:27
375	GLA	Gland for Geneva	SUI	HOL	jc	21:41
391	OKR	Bratislava Stefanik	SVK	HOL	jc	01:54
353	OBA	Oseberg A	XOE	HOL	jc	03:54
375	TR	Philips Tor E	XOE	HOL	jc	21:45
474.5	SA	Darlowo	POL	HOL	je	17:43
436	S	Darlowo	POL	HOL	je	17:53
344	HN	Hohn	DEU	HOL	me	11:35
345	EMD	Emden	DEU	HOL	me	11:39
350	DWN	Devnya for Varna	BUL	HOL	mo	23:17
305	LT	Alert, NU	CAN	HOL	mo	22:58
274	SAL	Sal Is. Amilcar Cabral	CPV	HOL	mo	23:08
433	VON	Vigo	ESP	HOL	mo	23:25
432	AKU	Ivalo Akujarvi	FIN	HOL	mo	21:01
375	FR	Pori Vanhakylä	FIN	HOL	mo	22:45
372	OZN	Prins Christian Sund	GRL	HOL	mo	22:40
305.7	DA	Dalatangi Is.	ISL	HOL	mo	22:59
371	LEV	Savigliano Levaldigi	ITA	HOL	mo	22:41
379	VEN	Venezia Tessera	ITA	HOL	mo	22:49
362	JAN	Jan Mayen	JMY	HOL	mo	23:20
374	BL	Forde Bringeland	NOR	HOL	mo	22:42
374	FLV	Bodo Fleinvaer	NOR	HOL	mo	22:44
380	FLR	Trondheim Flornes	NOR	HOL	mo	22:52



398	AL	Alesund Vigra	NOR	HOL	mo	23:05
378	TA	Timisoara Giarmata	ROU	HOL	mo	22:48
382	ALG	Alghero	SAR	HOL	mo	22:55
360	KI	Kiev Zhulyany	UKR	HOL	mo	23:21
357.5	KG	Sarajevo Kobiljaca	BIH	HOL	mu	22:53
328	HIG	San Sebastian	ESP	HOL	mu	21:29
330	LEN	Leon Virgen del Camino	ESP	HOL	mu	21:46
348	SVR	Sagvar	HNG	HOL	mu	22:17
350	SK	Zagreb Kraljevec	HRV	HOL	mu	22:24
367	ZAG	Zagreb	HRV	HOL	mu	23:16
340	FOG	Foggia	ITA	HOL	mu	21:57
343	GRA	Grazzanise	ITA	HOL	mu	22:11
308	MOJ	Mojkovac	MNE	HOL	mu	21:00
332	RO	Tivat	MNE	HOL	mu	21:37
362	BVK	Orsta Volda Batvik	NOR	HOL	mu	23:11
360	O	Oradea	ROU	HOL	mu	22:57
315.5	SS	Scatsta	SHE	HOL	mu	21:05
355	OBR	Beograd Obrenovac	SRB	HOL	mu	22:34
417	R	Gavle Sandviken	SWE	HOL	mu	03:19
322	OU	Stockholm Bromma	SWE	HOL	mu	21:16
421	BUR	Burnham	ENG	HOL	mx	01:37
398	MT	St. Nazaire Montoir	FRA	HOL	mx	01:47
391	BV	Beauvais Tillé	FRA	HOL	mx	01:52
339	FG	Montpellier Mediterranee	FRA	HOL	mx	02:22
430	SN	St. Yan	FRA	HOL	mx	22:03
392.5	TOP	Torino Poirino	ITA	HOL	mx	01:50
438	B	Bratislava Barka	SVK	HOL	mx	01:18
337	KAJ	Kajaani	FIN	HOL	my	20:19
267	FNO	Haugesund Foyno	NOR	HOL	my	23:02
615	STB	Statfjord B	XOE	HOL	my	19:41
343	MS	Marseille Provence	FRA	HOL	pi	01:14
406	MJ	Marseille Provence	FRA	HOL	pi	22:07
428	TGM	Targu Mures	ROU	HOL	pi	00:17
493	LD	Krasnodar Pashkovsky	RUS	HOL	pi	23:40
364	NW	Stockholm Skavsta	SWE	HOL	pi	00:05
435	SM	Semenivka	UKR	HOL	pi	00:29
419	RA	Tyra East A	XOE	HOL	pi	15:16
399.5	ONO	Oostende	BEL	HOL	px	13:40
377	MGB	Monchengladbach	DEU	HOL	px	13:34
410	SI	Salzburg	AUT	HOL	r0	22:07
345	BN	Kristiansand Birkeland	NOR	HOL	rt	03:04
339	SD	Sindal	DNK	HOL	sr	20:57
340	LSH	Lashenden	ENG	HOL	sr	21:06
326	TO	Trondheim Malvik	NOR	HOL	sr	20:25
339	NE	Nancy Essey	FRA	HOL	st	18:04

370	BSV	Besancon La Veze	FRA	HOL	st	18:54
kHz	C/S	Location	Cou	Reporter	UTC	

**TABs** Trans-Atlantic Beacons' - NDBs that joined in the fun on both sides of the Atlantic

Only Michael (mo) managed a transatlantic logging (at 22:58 UTC on Dec 25th):  
305 LT Alert, NU

**PROGRESS STATISTICS** (Please see the explanation below)

CLE164 190 - 1740 kHz 25 - 31 Dec 2012

Listener	Av km	Total km x 1000	NDBs	Max km
fr	1373	52	38	3021
my	1108	55	50	1808
je	965	48	50	1808
mo	1336	67	50	4738
ag	515	26	50	1373
bk	924	46	50	1766
ds	633	32	51	2723
me	201	9	45	714
px	321	16	50	1089
pi	1321	66	50	3021
r0	531	27	50	1495
mx	746	37	50	1757
st	475	23	49	1757
bc	702	35	50	2260
ch	613	31	50	1756
de	673	33	49	2006
dn	918	46	50	1766
dp	726	36	50	1570
du	1194	60	50	1818
dw	1004	50	50	1941
jc	739	36	49	1790
mc	491	25	50	1495
mu	1282	64	50	3021

rt	423	19	46	1757
sr	563	26	46	1757
<b>Averages:</b>	791	39	49	2000

Av. km = Average distance to NDBs for all the listener's loggings  
Total km = Sum of distances to NDBs for all the listener's loggings  
NDBs = Number of NDBs logged  
Max km = Maximum distance 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 aeri-als, 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).

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aeri-als, 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 in most Events. (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.)

**This CLE** was very special in that for the first time we all shared a common location, receiver and aerial, leaving just the differences in available time, skill and know-how.

The one thing the statistics don't measure is our individual enjoyment index - surely by far the most important thing of all!