

NDB LIST - CO-ORDINATED LISTENING EVENTS (CLEs)

Explanation of the combined results tables

Combined results from an actual event can be long and look complex, especially from a DX CLE. Typical extracts of the various tables are given here, with a little extra explanation of how they can be used. The examples are mostly taken from CLE No. 7, EUROPE, 410.0 - 424.9 kHz on 25 - 27 May 2001.

Each listener is given a two-letter identification:

Reporters:	ze	Zdenek Elias, Jablonec nad Nisou, N.Bohemia
	mo	Michael Oexner, Roschbach
	mj	Michael Jensen, Denmark
	jj	Jean Jacquemin, Merville, NE.of France
	pv	Pat Vignoud, Nr.Chambery, French Alps
	te	Torre Ekblom, Espoo, Nr Helsinki
	--etc.	

These listener idents appear as headings in the various tables, together with each listener's country (usually the ITU) and their State, Province, etc., where relevant. The results for listeners in the same region appear next to each other.

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1. This first table is the main one, giving information about every reception of an NDB by every listener during the CLE.

BEACONS HEARD:

Beacons are shown in kHz order within each country

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

(E.g. the 23 at the start of the third line indicates that Zdenek logged the Salzburg NDB between 23:00-23:59 UTC).

ITU	kHz	Call	Location	CZE ze	D mo	DNK mj	F jj	F pv	FIN te	G/C lr	G/E ag	G/E bk	G/E kr	G/I ry	GRC ad	GRC ck	IRL rd	S bn	S sb		
ALG	415	ON	Oran									22									
ALG	421	BTN	Batna		21																
AUT	410	SI	Salzburg	23	0			21				21									
AUT	413	KTI	Innsbruck Kuhtai	0	0			21		2	1	22	1	0			21				
AUT	418	ZW	Zeltweg	23	1							22									
AUT	420	INN	Innsbruck	20	20	22		21				21	23				0				
BIH	420	ZV	Tuzla		1					2	1		0								
BUL	415	RUS	Russe	0	0				22		21	22			0					20	
CAN	414	BC	Baie Comeau, QC								2	3									
CZE	416	KUN	Kunovice	0																	
CZE	416	V	Vodochody	20								22									
CZE	422	UR	Hradec Kralove	20	0		22	22		22	1	20	1					21	21		
D	413.5	DLS	Berlin Lubars	20	0			21	22	2	1	21	1	0			23	20	21		
D	415	RTB	Rothenbach	20	0						22										
D	417	HDL	Heidelberg		20						1						0				
D	419	WUN	Wunstorf		1						1										
D	420	BAZ	Bayreuth	20	0							21		0					21		
DNK	423	FE	Odense	0	21	22	22	22			1	20	1	0				22	16		

--- etc.

Details of reception of the NDBs in any one country by the listeners in any other country appear together.
E.g. the times of reception of German beacons by the three England listeners are shown in the box above.

2. The second table shows the number of NDBs heard from each country by each reporter. Reporters from the same region are shown side by side, showing the overall reception OF each country BY each country. This may give interesting information about the overall propagation conditions during the event.

COUNTRIES HEARD: This table shows the number of NDBs logged by each reporter from each country

ITU	"Country"	CZE ze	D mo	DNK mj	F jj	F pv	FIN te	G/C lr	G/E ag	G/E bk	G/E kr	G/I ry	GRC ad	GRC ck	IRL rd	S bn	S sb		
ALG	Algeria		1							1									
AUT	Austria	4	4	1		3		1	1	4	2	1			2				
BIH	Bosnia-Hercegovina		1					1	1		1								
BUL	Bulgaria	1	1				1		1	1			1				1		
CAN	Canada								1	1									
CZE	Czech Rep.	3	1		1	1		1	2	1	1					1	1		
D	Germany	3	5			1	1	1	4	2	1	2			2	1	2		
DNK	Denmark	1	1	1	1	1			1	1	1	1				1	1		

--- etc.

3. The third table gives information about the times of day quoted in each listener's log. and the number of loggings from by each listener (or Country) in each hourly period. It shows each listener's more successful sessions and can help to suggest the best times for general listening.

LISTENING TIMES: This table shows the number of NDBs logged by each reporter during the time periods. (E.g. Michael logged 24 NDBs during the periods between 00:00 and 01:59 UTC).

UTC (hh)	CZE ze	D mo	DNK mj	F jj	F pv	FIN te	G/C lr	G/E ag	G/E bk	G/E kr	G/I ry	GRC ad	GRC ck	IRL rd	S bn	S sb		
00:00 - 00:59	11	14		1						5	24	5		6				
01:00 - 01:59		10					4	30		18		1		1				
02:00 - 02:59							6	2		3				1				
03:00 - 03:59							6	1	1									
04:00 - 04:59				1			4											
05:00 - 05:59		1		2								1						
10:00 - 10:59											2			3				

14:00 - 14:59									16							11		
15:00 - 15:59														1				
16:00 - 16:59																	8	
20:00 - 20:59	8	7							8						1	2	5	
21:00 - 21:59	11	3				15	2		2	15				1	2	9	9	
22:00 - 22:59				14	12	15	5	2	6	12	5	1		5	5	4	3	
23:00 - 23:59	7				14	2	3	3		4	5	1		1	4			

4. The fourth table gives information on the NDB activity levels found by the listeners at each nominal frequency.

NDBs HEARD, BY FREQUENCY: The number of NDBs logged by each reporter on each frequency and the number logged by all on each frequency, ignoring offsets:
(E.g On 416 kHz (nominal) 9 NDBs were heard in all, 4 of them by Zdenek, by Pat and by Brian).

NDBs	kHz	CZE ze	D mo	DNK mj	F jj	F pv	FIN te	G/C lr	G/E ag	G/E bk	G/E kr	G/I ry	GRC ad	GRC ck	IRL rd	S bn	S sb		
5	410	2	2		2	1				3	1	1	1		1	1	1		
2	411	1	1	1	1	1		2	1	1	1	1				1	1		
9	412	4	4	1	1	3	2	3	3	7	2	1		2	1	1	1		
2	413	2	1			2		2	2	2	1	1		1	2				
1	413.5	1	1			1	1	1	1	1	1	1			1	1	1		
7	414	3	1	2	2			2	1	3	3	2	1		1	3	2		
6	415	3	3	1	2	1	2	1	3	5	2	2	1		2	1	2		
9	416	4	2	2	1	4	1	2	3	4	2	1	1	2	2	3	2		
1	416.5									1									
8	417	1	2	1	3	2	1	1	3	6	4	1			3	2	2		
5	418	3	2	1	2		1	1	3	3	2	2		1		1	1		
6	419	1	2	1	3	2	1	1	3	2	2	3				3	2		
10	420	4	4	2	3	4		1	6	6	4	4		1	4	1	3		
10	421	2	3	1	3	3		2	3	4	4	4			3	3	3		
5	422	2	1		1	1	1	2	2	1	2		2			2	1		
6	423	3	3	1	3	4		3	4	4	3	3	1	1	2	2	3		
4	424	1	3		3	3		1	3	3	2	1			1	1			

NDBs	kHz	CZE ze	D mo	DNK mj	F jj	F pv	FIN te	G/C lr	G/E ag	G/E bk	G/E kr	G/I ry	GRC ad	GRC ck	IRL rd	S bn	S sb		
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5. The fifth table shows details of the NDBs that almost escaped detection - heard by one listener only.

MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacon's!

kHz	C/S	Location	Rptr	ITU	UTC
414	STR	(UNID)	ad	?	00:42
410	QA	Amman	ad	JOR	00:38
422	CNK	Canakkale	ad	TUR	05:00
412	R	Caransebes	ag	ROU	22:09
415	ON	Oran	bk	ALG	22:21
417	VIC	Vicenza	bk	I	20:55
416.5	R	Arvika	bk	S	21:32
414	SJA	Bardufoss Senja	bn	NOR	21:05
421	TRU	Trundon Lulea	bn	S	14:57
418	ELF	Elefsis	ck	GRC	15:30
421	SAL	Zadar Sali	kr	HRV	23:59

--- etc.

The other extreme - the NDB(s) heard by the most listeners - are always given in a covering email.

6. The final table shows details of NDBs (if any) heard from both sides of the Atlantic.

'TAB's 'Trans-Atlantic Beacons' which were logged by at least one reporter from Europe and at least one from North America.

(eg. 'FLO' was heard by 11 listeners, as shown; Jean heard the 6 'TAB's shown with his initials; etc., As the only N.American listener here, Rodney caused all 7 beacons to become Transatlantic ones!)

kHz	C/S	Location	CAN NB rv	CZE kk	CZE ze	F jj	F pv	G/C lr	G/E ag	G/E bk	G/E kr	G/E tg	G/I ry	I eo	IRL rd	FIN te
270	FLO	Flores, Azores	CAN NB rv	CZE kk	CZE ze	F jj	F pv	G/C lr	G/E ag	G/E bk	G/E kr		G/I ry		IRL rd	
270	O	St. Johns, NF	CAN NB rv							G/E bk						
274	SAL	Sal Amicar, Cape Verde Is.	CAN NB rv			F jj		G/C lr	G/E ag	G/E bk	G/E kr		G/I ry		IRL rd	
276	YHR	Chevery, QC	CAN NB rv			F jj			G/E ag	G/E bk						
280	QX	Gander, NF	CAN NB rv			F jj		G/C lr	G/E ag	G/E bk	G/E kr				IRL rd	
281	CA	Cartwright, NF	CAN NB rv			F jj		G/C lr	G/E ag	G/E bk	G/E kr					
284.5	MA	Cabo Machicaco, Spain	CAN NB rv		CZE ze	F jj	F pv	G/C lr	G/E ag	G/E bk	G/E kr	G/E tg	G/I ry	I eo	IRL rd	FIN te

(The above table is from CLE 10)