

NDB LIST 'CURIOUS' CLE No. 158

29 June - 2 July 2012, midday-midday local time

**COMBINED RESULTS
REST OF THE WORLD**

Listeners were invited to **"Do your own thing in an area of the hobby that really matches your own particular interests"**

(Anything beaconing with Morse in the range 190 - 1740 kHz - no more than 100 loggings)

Reporters:

CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	dl	Dave Hollander, Phoenix, Arizona
USA	CA	dn	Don Tomkinson, Upland
USA	CA	p1/pa	Phil Atchley, Merced, Central California
USA	IL	dt	Dave Tomasko, Galena
USA	MO	dp	Dick Palmer, Foristell
USA	NC	dw	Don Ward, Raleigh, NC
USA	NH	jc	John Collins, Charlestown
USA	NJ	ge	George Muha, Cream Ridge
USA	OR	d9	Dan Petersen, while near Salem
USA	OR	s8	Steve Ratzlaff, While at 296 LGD, La Grande, OR
USA	TX	d1	Douglas Springfield, While at the Municipal Marina, Corpus Christi
USA	WA	gd	Gary DeBock, Puyallop
USA	WA	rt	Tom Rothlisberger, Brier

**The following is my brief summary of the task each listener chose,
the equipment they used and their overall conclusions, if any:**

**For full details, please see the individual reporters' logs,
as previously posted by them to the List.**

CAN BC to Tom

I decided to log as many West Coast bcns that included a circle encompassing CA, OR, WA, BC, AK & HI.

Receiver: Icom R75

Antennas: 2 Meter Rotatable Loop

Software: Spectrum Lab V2.75 b05

I heard more than I expected considering that is so close to the summer solstice.

HWA mx Mike

For this CLE, I went "portable" -- and stayed at home.

Receiver was the same sub-ultralight, 2-transistor Homodyne portable with 10-inch long ferrite rod antenna that I took to New Mexico last year.

USA AZ dl Dave

I decided to use World War II BC-453B (ARC-5) receiver with home brew AC power supply and for selectivity, a WWII FL-8A audio filter. Headphones used were Soviet cold war era. Ratzlaff active antenna. (photo provided)

USA CA dn Don

Used the WWII BC-1206-CM that is installed in a box with power supply.

Equipment: BC-1206-CM ALA100L x2

Logged more than I expected.

USA CA p1 Phil

USA CA pa

To compare two totally different listening posts at the same QTH, primarily receivers that I would normally NEVER consider using for a CLE (or NDB DXing in general).

1. Receiver: Zenith Royal 7000 Transoceanic, solid state and built in 1969
Antenna: 88 foot long ladder line fed dipole at 35 feet AGL, fed as a "top loaded Tee" against ground.
2. Receiver: Small Realistic DX380 digital portable (a Sangean product)
Antenna: Ratzlaff active whip up 24 feet AGL.

USA IL dt Dave

For this CLE, I hooked up my barefoot SONY2010 and inductively coupled 12" dummy-cake tuned loop that I normally use while wintering in FL.

FUN trying out the primitive setup here in NW IL.

USA MO dp Dick

I chose to do mostly a daytime CLE with a goal of 75 beacons to be logged from Missouri plus the eight states bordering it.

Receiver: ICOM IC-R75

Antenna: Clifton active Z1501, base up 25 foot with a 10 foot whip.

USA NC dw Don

Midsummer at the peak of the solar cycle isn't really a very good time for DX.

So I chose to *ignore reality and chase what I call "Faux DX"*.

In the list you will find loggings from London, Glasgow, Stuttgart, Florence, Venice, Athens, Cairo, Canton, and Melbourne, among others.

Using USRP/LFRX; homebrew filter and Clifton Labs Z10042A preamp; custom GNU Radio software;
2x 270 ft. longwires.

USA NH jc John

To set up on a boat, combined with my curiosity about the PA0RDT mini whip. The homebrew antenna was mounted on a wooden stick about 25cm above the top of our Pontoon boat floating in the Connecticut River.

Equipment: SDR1Q, PA0RDT

Amazing! ... Curiosity satisfied, for now!

USA NJ ge George

To try to accurately determine the frequency and amplitudes of the carrier and sidebands along with the level of the noise floor of any NDBs logged. To this end I configured Spectrum Lab to control my SDR-IQ analyzer and, using SL's peak reading and averaging features, record these parameters.

Ant/Rcvr: Homebrew PA0RDT Mini Whip at 20 feet; SDR-IQ Spectrum Analyzer running under Spectrum Lab control.

USA OR d9 Dan

Using my Ray Jefferson LW/MW/FM/CB/VHF receiver.

USA OR s8 Steve

Visited my local 296 LGD La Grande, OR beacon.
Took a picture, tuned to a harmonic on the car radio, etc.
(photo provided)

USA TX d1 Douglas

For the CLE, I improved my mobile DF so that I am able to listen for signals on the Sony without getting out of the car.
Then I went on vacation to the coast at Corpus Christi hoping to take bearings on some offshore UNIDs.

Equipment: Sony ICF 2010 with replacement loopstick.

I was pleased with the DF setup, and I plan to take another road trip when radio conditions are much improved.

USA WA gd Gary

Decided to go up against the miserable conditions with only the Tecsun PL-380 and \$25 Longwave loopstick modification
(as opposed to using high-gain FSL antennas to dramatically boost LW sensitivity.)

Tecsun PL-380 Ultralight + 7.5" Longwave loopstick.

USA WA rt Tom

For this curious CLE I simply logged daytime stations heard within 2 hours of local noon.

Receiver: Perseus SDR

Antenna: Wellbrook ALA-100M, using the NW-SE, E-W loops

Software: HSDR, WWSU

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)

BEACONS HEARD:

Beacons are shown in kHz order within each Country and State/Province

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

CAN	NB	207	CL	Charlo									22						
CAN	NB	212	SJ	Saint John									22						
CAN	NB	224	QM	Moncton									2						
CAN	NL	390	JT	Stephenville									3						
CAN	NS	206	QI	Yarmouth								17	2						
CAN	NS	263	QY	Sydney (Cp. Breton Is)								7							
CAN	ON	201	ZXU	London								7							
CAN	ON	205	XZ	Wawa									2						
CAN	ON	219	YMG	Manitouwadge									2						
CAN	ON	245	YZE	Gore Bay									8						
CAN	ON	257	YXR	Earlton									8						
CAN	ON	260	YAT	Attawapiskat									8						
CAN	ON	263	YGK	Kingston								6							
CAN	ON	268	S7	Hanover								6							
CAN	ON	272	YQA	Muskoka									8						
CAN	ON	317	ZZR	Trenton Severn								8							
CAN	ON	328	YTL	Big Trout Lake									3						
CAN	ON	329	YHN	Hornepayne									3						
CAN	ON	334	YSH	Smiths Falls Montague									3						
CAN	ON	335	YLD	Chapleau									3						
CAN	ON	341	YYU	Kapuskasing									3						
CAN	ON	362	SB	Sudbury								7	3						
CAN	ON	377	YRR	Ottawa Greely									3						
CAN	ON	382	7P	Iroquois Falls									3						
CAN	ON	382	XU	London								9							
CAN	ON	382	YPL	Pickle Lake									8						
CAN	ON	391	3B	Brockville									7						
CAN	ON	397	ZHA	Ancaster Hamilton								6							
CAN	ON	409	YTA	Pembroke								8	8						
CAN	QC	201	GL	La Grande Riviere									2						
CAN	QC	209	MT	Chibougamau									2						
CAN	QC	218	YUY	Rouyn Noranda									2						

USA	IA	411	SDA	Shenandoah							9								
USA	IA	414	OOA	Oskaloosa							10								
USA	IA	417	IY	Charles City							11								
USA	IA	517	FN	Clinton							19								
USA	ID	333	STI	Sturgeon Mountain Home			10												
USA	ID	350	SWU	Idaho Falls					4										
USA	ID	359	BO	Boise			7	10	4	4								10	
USA	IL	218	AL	Alton								17							
USA	IL	240	CJ	Springfield								17							
USA	IL	251	JZY	Macomb							23	17							
USA	IL	257	FWC	Fairfield							18	17	6						
USA	IL	263	CVM	Alton								17	6						
USA	IL	272	IK	Kankanksee								14							
USA	IL	272	OLY	Olney								17							
USA	IL	275	DE	Decatur								14							
USA	IL	275	RF	Rockford							10								
USA	IL	293	UI	Quincy							19	17							
USA	IL	329	AAA	Lincoln							16	17	8						
USA	IL	332	DN	Danville								17							
USA	IL	332	HK	Chicago							16	14							
USA	IL	334	LH	Bloomington								17							
USA	IL	350	CP	Cahokia								20							
USA	IL	356	PI	Peoria							16								
USA	IL	359	CZB	Casey								21							
USA	IL	365	SYZ	Shelbyville								10							
USA	IL	375	LQ	Springfield								21	8						
USA	IL	379	UG	Waukegan							16								
USA	IL	382	MW	Marion								21							
USA	IL	382	SP	Springfield								21	7						
USA	IL	385	JD	Belleville								21							
USA	IL	388	MD	Carbondale								13							
USA	IL	395	TAZ	Taylorville								9							

USA	IL	397	CIR	Cairo								6							
USA	IL	400	SLO	Salem							21	8							
USA	IN	278	FKR	Frankfort								6							
USA	IN	417	HHG	Huntington								8	7						
USA	KS	212	CFV	Coffeyville							13								
USA	KS	365	HQG	Hugoton							9								
USA	KS	386	SYF	St Francis			10				9								
USA	KS	414	EGT	Wellington								9							
USA	KS	414.5	RPB	Belleville							9	8							
USA	KY	210	IOB	Mount Sterling							13								
USA	KY	236	BW	Bowling Green							14								
USA	KY	260	BVQ	Glasgow							14	2							
USA	KY	273	FK	Hopkinsville							14								
USA	KY	311	DVK	Danville							14								
USA	KY	388	CDX	Somerset								7							
USA	LA	230	BNZ	Abbeville								9							
USA	LA	368	ROQ	Ruston								9							
USA	LA	414	MSD	Mansfield								8							
USA	MA	205	ORE	Orange									22						
USA	MA	220	IHM	Mansfield									0						
USA	MA	227	TAN	Taunton									0						
USA	MA	332	BE	Bedford									1						
USA	MA	368	IMR	Marshfield									5						
USA	MA	375	BO	Boston									1						
USA	MA	389	PVC	Provincetown									1						
USA	MA	395	GBR	Great Barrington									7						
USA	MA	397	OW	Norwood									8						
USA	MA	402	LW	Lawrence									1						
USA	MD	317	CBE	Cumberland								10							
USA	MD	349	APG	Aberdeen Proving Grnds										19					
USA	MD	355	CGE	Cambridge								8		13					
USA	ME	221	RQM	Rangeley									1						

USA	NY	400	PTD	Potsdam									3						
USA	NY	407	FR	Farmingdale										23					
USA	NY	414	OGY	New York Bridge										15					
USA	OH	372	MF	Mansfield								8							
USA	OH	407	IL	Wilmington								8							
USA	OH	408	HBD	Hubbard									8						
USA	OK	201	BV	Bartlesville								13							
USA	OK	215	TQH	Tahlequah								13							
USA	OK	275	GUY	Guymon								10							
USA	OK	350	RG	Oklahoma City								9							
USA	OK	375	DW	Tulsa								10							
USA	OK	411	HDL	Holdenville								9							
USA	OK	512	HMY	Lexington								9							
USA	OR	201	PEN	Astoria Karpen															21
USA	OR	266	SL	Salem											6				
USA	OR	296	LGD	La Grande												22			
USA	OR	332	LBH	Portland	7										6			9	21
USA	OR	356	MEF	Medford	6											6			
USA	OR	356	PND	Portland												6			
USA	OR	378	OT	North Bend	7														
USA	OR	411	RD	Redmond	7				5							6			10
USA	PA	208	UKT	Quakertown												22			
USA	SC	220	DCM	Chester								17							
USA	SC	245	UDG	Darlington								18							
USA	SC	335	FL	Florence								17							
USA	SD	245	FS	Sioux Falls						11									
USA	TN	203	DMZ	Dickson								13							
USA	TN	212	UC	Obion Union City								13							
USA	TN	217	HZD	Huntingdon									5						
USA	TN	221	BO	Bristol									17						
USA	TN	233	HEM	Sparta									9						
USA	TN	242	MMI	Athens									9						

USA	WA	515	CL	Port Angeles	9															21
USA	WI	344	UNU	Juneau						11										
USA	WI	362	BCK	Black River Falls						10										
USA	WI	365	MRJ	Mineral Point						11										
USA	WI	371	RYV	Watertown						10										
USA	WI	389	EN	Kenosha						10										
USA	WI	391	MFI	Marshfield								6								
USA	WI	395	OS	Oshkosh						19										
USA	WI	400	MS	Madison						10										
USA	WI	407	AQ	Appleton						11										
USA	WY	275	GEY	Greybull			10			6										
USA	WY	380	GC	Gillette			9		5											
USA	WY	392	PNA	Pinedale			9			5										
XUN	-	320	3FPA	(UNID)														22		
Cou	St	kHz	Call	Location	CAN BC to	HWA mx	USA AZ dl	USA CA dn	USA CA p1	USA CA pa	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR d9	USA OR s8	USA TX d1	USA WA gd	USA WA rt

COUNTRIES and STATES / PROVINCES HEARD:

Shows the number of NDBs in each radio country that were logged by each reporter.

Cou	Country	St	CAN BC to	HWA mx	USA AZ dl	USA CA dn	USA CA p1	USA CA pa	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR d9	USA OR s8	USA TX d1	USA WA gd	USA WA rt	
ALS	Alaska (US State)	-	5	1															
BAH	Bahamas	-														1			
CAN	Canada	AB			1												3		
CAN	Canada	BC	42	4	7	2	15	15						4			28	22	
CAN	Canada	MB		1	1		1												
CAN	Canada	NB										3							
CAN	Canada	NL										1							

CAN	Canada	NS									2	1						
CAN	Canada	ON									8	17						
CAN	Canada	QC										26						
CLM	Colombia	-									1							
CYM	Cayman Is.	-										1					2	
HWA	Hawaii (US State)	-	1	6	1	2												
MEX	Mexico	-			2	1												
MHL	Marshall Is.	-		1														
PTR	Puerto Rico	-															1	
SAP	San Andres & Providencia	-	1															
SMO	Samoa, Western	-		1														
USA	USA	AL										1						
USA	USA	AR									1	1						
USA	USA	AZ			8	2		1										
USA	USA	CA	5	1	6	9	12	12						2			3	
USA	USA	CO			2	1	1	1			1							
USA	USA	CT											1					
USA	USA	DE											1					
USA	USA	FL										3					2	
USA	USA	GA										5						
USA	USA	IA								14	10							
USA	USA	ID			2	1	1	2									1	
USA	USA	IL								8	23	7						
USA	USA	IN										2	1					
USA	USA	KS			1						4	2						
USA	USA	KY									5	2						
USA	USA	LA										3						
USA	USA	MA																
USA	USA	MD										2						
USA	USA	ME																
USA	USA	MI											8					
USA	USA	MN								1			2					
USA	USA	MN								2								
USA	USA	MO									14	1						
USA	USA	MT			6		3	5									4	
USA	USA	NC										4	1	2			1	
USA	USA	NE			2						4	1						

USA	USA	NH										5						
USA	USA	NJ											5					
USA	USA	NM			1	1												
USA	USA	NY										2	5					
USA	USA	OH									2	1						
USA	USA	OK								7								
USA	USA	OR	4					1						4	1		2	2
USA	USA	PA											1					
USA	USA	SC									3							
USA	USA	SD							1									
USA	USA	TN								3	4							
USA	USA	TX			2						2							
USA	USA	UT			1			1										
USA	USA	VA									6							
USA	USA	VT										3						
USA	USA	WA	11					1						1			11	14
USA	USA	WI							8		1							
USA	USA	WY			3		1	2										
XUN	UNID	-														1		
Cou	Country	St	CAN BC to	HWA mx	USA AZ dl	USA CA dn	USA CA p1	USA CA pa	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR d9	USA OR s8	USA TX d1	USA WA gd	USA WA rt

LISTENING TIMES:

Shows the number of NDBs logged by each reporter during the time periods shown.

UTC (hh)	CAN BC to	HWA mx	USA AZ dl	USA CA dn	USA CA p1	USA CA pa	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR d9	USA OR s8	USA TX d1	USA WA gd	USA WA rt
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00:00 - 00:59											5					
01:00 - 01:59											14					
02:00 - 02:59										1	13					
03:00 - 03:59											21					
04:00 - 04:59					5	7				1						
05:00 - 05:59			4		14	16				2	1					
06:00 - 06:59	1				4	8				8		11				
07:00 - 07:59	35		1							8	5				1	
08:00 - 08:59	27	6								17	18				6	
09:00 - 09:59	6	2	17						9	13						33
10:00 - 10:59			14	16				11	4	1		2				19
11:00 - 11:59			6	3				10								
12:00 - 12:59			3													
13:00 - 13:59									14			1				
14:00 - 14:59									17			3				
15:00 - 15:59		1	1									1				
16:00 - 16:59								7		4						
17:00 - 17:59								1	16	5		2				
18:00 - 18:59								1		3		1				4
19:00 - 19:59						10		3				2				
20:00 - 20:59									3			1				
21:00 - 21:59					2				9							34
22:00 - 22:59		6			9						6	1		1	1	
23:00 - 23:59								1				2				
UTC (hh)	CAN BC to	HWA mx	USA AZ dl	USA CA dn	USA CA p1	USA CA pa	USA IL dt	USA MO dp	USA NC dw	USA NH jc	USA NJ ge	USA OR d9	USA OR s8	USA TX d1	USA WA gd	USA WA rt

(The usual remaining tables were not appropriate for this 'curious' CLE)