

**NDB LIST CLE No. 103 260-269.9 kHz & 440-1740 kHz 21-25 March 2008, midday-midday local time**

**COMBINED RESULTS**

**N.AMERICA (+)**

For overall statistics, please see the covering email.

**Reporters:**

AUS	WE	<b>is</b>	David Isele, Mt Helena, Western Australia
HWA		<b>mx</b>	Mike Tuggle, Kaneohe, Hawaii
KOR		<b>fm</b>	Fred Mooney, Seoul, Korea
USA	AZ	<b>dp</b>	Dick Palmer, Green Valley
USA	CA	<b>bc</b>	Bob Coomler, Cloverdale
USA	CA	<b>dn</b>	Don Tomkinson, Upland
USA	CA	<b>pa</b>	Phil Atchley, Merced, Central California
USA	IL	<b>dt</b>	Dave Tomasko, Galena
USA	MI	<b>ar</b>	Andy Robins, Kalamazoo
USA	MN	<b>pf</b>	Paul LaFreniere, Grand Marais
USA	NC	<b>dw</b>	Don Ward, Raleigh, NC
USA	OR	<b>jw</b>	Jack Woods, Waldport, Oregon coast
USA	OR	<b>mc</b>	Mark McCarthy, Portland
USA	OR	<b>sr</b>	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	<b>du</b>	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	<b>mu</b>	Mark Moulding, Ogden

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 ( cle'at'beaconworld.org.uk  
- 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.

(e.g. 20 indicates logged between 20:00-20:59 UTC)

To keep things simple, the amateur experimental beacons are shown on their 'most reported' frequency.

Cou	St	kHz	Call	Location	AUS WE is	HWA mx	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA pa	USA IL dt	USA MI ar	USA MN pf	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu
AFS	-	472.5	LU	Louis Trichardt	20															
AFS	-	485	UR	Margate	20															
ALS	-	266	ICK	Annette Island		8			12							9	8	7		
ALS	-	524	MNL	Valdez					13											
ALS	-	525	ICW	Nenana		8										9		12		
ALS	-	529	SQM	Level Island Sumner Strait												9	7			
ALS	-	530	ADK	Adak Is. Mount Moffett				12	13							9	9	8		11
AUS	QD	446	TNG	Thangool	13															
AUS	SA	266	MTG	Mount Gambier	13															
AUS	VI	486	LTV	Latrobe Valley	13															
AUS	WE	260	PD	Port Hedland	20															
AUS	WE	266	HLC	Halls Creek	20															
AUS	WE	268	FRT	Forrest	20															
BAH	-	526	ZLS	Stella Maris				3	3	4		1	6		23	13		2	1	6
BRA	-	260	CZS	Cruzeiro Do Sul											2					
BRA	-	520	BHZ	Belo Horizonte											3			5		
CAN	AB	266	XD	Edmonton				7				11			5			3	7	6
CAN	BC	260	YSQ	Atlin				12								4		5		
CAN	BC	260	ZXS	Prince George														3		
CAN	BC	261	D6	Fairmont Hot Springs														1		
CAN	BC	263	ZL	Liard River				12								4	8	5		
CAN	BC	266	VR	Vancouver				12	3	10	3	10				4	8	2		11
CAN	BC	269	YK	Castlegar				8	5	9	5	10				9	8	2		6
CAN	MB	263	3Z	Russel								11						7		
CAN	MB	269	UDE	Delta				8				2	6	3	9			3	6	
CAN	NB	520	F9	Miramichi								1	6		5			5	6	
CAN	NL	492	E8	Natuashish Davis inlet											6					
CAN	NS	263	QY	Sydney								0			0			3	8	
CAN	ON	260	YAT	Attawapiskat				7	6		5	1	5	17	3			3	3	
CAN	ON	261	GD	Goderich				7				1	5	2	3			3	4	
CAN	ON	263	YGK	Kingston								1	5		3				5	
CAN	ON	263	ZQT	Thunder Bay				8				11	5	17	2				5	
CAN	ON	264	ZPB	Sachigo Lake				7				11	5	2	8			3	6	

CAN	ON	266	YFH	Fort Hope			7			1	5	17	3			7	4	
CAN	ON	266	ZHM	Hamilton			7			2	5	2	3			7	4	
CAN	ON	268	S7	Hanover						1	6	3	7			3		
CAN	ON	516	YWA	Petawawa			7		5	2	6		23			2	3	
CAN	QC	260	UFX	St Felix de Valois						1	5	2	3			3	4	
CAN	QC	261	2H	Lebel sur Quevillon						1	5	3	3			3	5	
CAN	QC	266	ZMM	Montreal Mirabel									4					
CAN	YT	269	ZW	Teslin										4				
CHL	-	260	TOY	Tongoy									3					
CHN	-	260	GV	Hefei Luogang			15											
CHN	-	260	ZW	Chengdu Shuangliu			16											
CHN	-	264	ZN	Tianzhen			18											
CHN	-	440	ID	Nanjing Xiaodanyang			13											
CHN	-	445	LS	Harbin Shuiquan			17											
CHN	-	450	G	Jinan Yaoqiang			13											
CHN	-	452	JS	Tianjin Binhai			13											
CHN	-	460	GF	Fenghuo			17											
CHN	-	473	I	Nanjing Lukou			16											
CHN	-	475	JR	Beijing Liangxiang			14											
CHN	-	489	YK	Dawangzhuang			16											
CHN	-	507	D	Hangzhou Xiaoshan			14											
CHN	-	514	YV	Tanghekou			14											
CHN	-	528	O	Shijiazhuang Wuji			15											
CHN	-	530	KD	Dalian Zhoushuizi			15											
CHN	-	572	WY	Hangzhou Wenyan			15											
CUB	-	268	UBY	Bayamo			7						3				7	
DMA	-	260	DCF	Canefield									3					
DOM	-	450	PPA	Puerto Plata			2	4	9	1	2		23	12	6	2	2	
INS	-	265	PI	Semarang	20													
JPN	-	263	FU	Fuchia (Fukue)			16											
NFK	-	260	NF	Puppy's Point Norfolk Is.	11	9	8							12		8		
PNG	-	1725	GA	Goroka	12									13		14		
PNR	-	440	CHE	Chitré									2			6		
TWN	-	266	DO	Tainan City			16											
TWN	-	525	KU	Chiayi			15											
USA	AL	264	JUY	Andalusia									1				8	



USA MN	269	PK	Park Rapids				7				10	5	2				7		
USA MO	260	ST	St Joseph								2								
USA MO	269	FES	Festus								11					8			
USA MO	515	ONH	Jefferson City						4		2	6				5		3	3
USA MS	260	JH	Jackson													10			7
USA MS	506.35	WD2XSH/6	Long Beach				3				1	2				5		4	2
USA MT	266	BZ	Bozeman				7			5	11							1	6
USA MT	269	CII	Choteau				7	5		5	11						11	8	2
USA MT	515	SAK	Kalispell				7	4		4	10						11	8	2
USA MT	521	INE	Missoula				7	3	8	4	11	6					9	8	2
USA NC	260	GHJ	Gastonia													16			
USA NC	261	OA	Jacksonville													16			
USA NC	263	JN	Smithfield													16			
USA NC	265	EDE	Edenton													16			
USA NC	266	CQJ	Asheboro									5				16			9
USA NC	269	MRH	Beaufort Morehead													16			
USA NE	263	BF	Scottsbluff				7												1
USA NE	263	HWB	Beatrice				2				2					3		7	6
USA NE	265	BBW	Broken Bow				8				11					10		7	2
USA NE	269	SWT	Seward				7				11			9		3		2	6
USA NE	510	OF	Norfolk				2	6		4	2	6				7		2	3
USA NE	513	PP	Omaha Crescent				2				1	6				9		2	3
USA NH	260	ESG	Rollinsford													8			
USA NY	260	PYA	Penn Yan								10	5				3			
USA NY	507.3	WE2XGR/6	Penn Yan								1	2				2			2
USA NY	523	JJH	Johnstown								2	6				23			
USA OH	260	BYN	Bryan								0	4		2		3			
USA OH	263	UYF	London								2	5				8		6	9
USA OH	269	TII	Tiffin									2							
USA OH	515	OS	Columbus								1	2				23			
USA OK	260	OUN	Norman				2			5	1	5				3		3	18
USA OK	263	HET	Henryetta				7				10							3	0
USA OK	264	HN	Shawnee				7				11	5				3		3	18
USA OK	267	HET	Henryetta								1								18
USA OK	512	HMY	Lexington				2		4	4	1	6				8		9	2
USA OK	515	PN	Ponca City				2			5	1	2				5		2	0





CUB	Cuba	-			1						1				1	
DMA	Dominica	-									1					
DOM	Dominican Rep.	-			1	1	1		1	1	1	1	1	1	1	
INS	Indonesia	-	1													
JPN	Japan	-		1												
NFK	Norfolk Is.	-	1		1							1			1	
PNG	Papua New Guinea	-	1									1			1	
PNR	Panama	-										1			1	
TWN	Taiwan (ROC)	-		2												
USA	USA	AL										2				1
USA	USA	AR			1				1	1		2			2	3
USA	USA	CA			2	2	2	2					1	1	2	1
USA	USA	CO			2	1	1	1	1	1		1	1	1	2	2
USA	USA	CT							1	1		1				1
USA	USA	FL								1		3				1
USA	USA	GA							1			2				1
USA	USA	IA			4	2		2	6	4	3	5		2	6	5
USA	USA	ID			1	1							1	1	1	1
USA	USA	IL							2	2		2			1	1
USA	USA	IN			1		1	1	2	2		1			1	1
USA	USA	KS			2		1		2	2		1			2	2
USA	USA	KY			1				1	1		1			1	1
USA	USA	LA			2				1			2			2	2
USA	USA	MA								1		1			1	
USA	USA	MI							3	3	3	3				1
USA	USA	MN			1				2	1	2				1	
USA	USA	MO					1		3	1		2			1	1
USA	USA	MS			1				1	1		2			1	2
USA	USA	MT			4	3	1	4	4	1			3	3	4	2
USA	USA	NC								1		6				1
USA	USA	NE			6	1		1	5	2	1	5			6	5
USA	USA	NH										1				
USA	USA	NY							3	3		3				1
USA	USA	OH							3	4	1	3			1	1
USA	USA	OK			6		2	3	7	4		5		1	6	7
USA	USA	OR			1	2		1					2	2	2	
USA	USA	SC							1			2				1
USA	USA	TN			3				3	3		3			2	3
USA	USA	TX			11	2	1	1	7	4		8			8	11







1	472.5	1															
1	473			1													
1	475			1													
1	477			1													
1	485	1															
1	486	1															
1	487			1													
1	489			1													
1	491			1													
1	492											1					
1	505.3				1										1	1	
1	505.4				1										1	1	
1	505.8									1		1			1		
1	506.35				1				1	1		1			1	1	
1	506.5								1	1		1				1	
1	507			1													
1	507.3								1	1		1				1	
1	510				1	1		1	1	1		1			1	1	
1	511	1															
1	512				1		1	1	1		1		1	1	1	1	1
1	513				1				1	1		1			1	1	
1	514			1													
6	515				3	3	2	3	5	4		4	2	2	5	3	2
2	516				2	1		2	2	2		2		1	2	2	1
1	517								1			1			1	1	
3	520				1		1		2	1		3			3	2	
6	521				5	2	2	3	5	4		4	1	2	5	6	
1	523								1	1		1					
3	524				1	1			2	2		2			2	2	
2	525		1	1									1		1		
3	526				3	2	3	1	2	2		2	2	1	3	2	2
1	528			1													
2	529				1				1	1		1	1	1	1	1	1
2	530				1	1	1						1	1	1		1
1	572			1													
1	1725	1											1		1		
NDBs	<b>kHz</b>	AUS WE is	HWA mx	KOR fm	USA AZ dp	USA CA bc	USA CA dn	USA CA pa	USA IL dt	USA MI ar	USA MN pf	USA NC dw	USA OR jw	USA OR mc	USA OR sr	USA TX du	USA UT mu

## **MOBs**

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

kHz	C/S	Location	St	ITU	Rptr	UTC
269	TII	Tiffin	OH	USA	<b>ar</b>	02:33
524	MNL	Valdez	-	ALS	<b>bc</b>	13:39
260	JYG	St James	MN	USA	<b>dt</b>	17:48
260	ST	St Joseph	MO	USA	<b>dt</b>	02:36
260	AVZ	Terrell	TX	USA	<b>dt</b>	11:17
260	CZS	Cruzeiro Do Sul	-	BRA	<b>dw</b>	02:00
260	TOY	Tongoy	-	CHL	<b>dw</b>	03:00
260	DCF	Canefield	-	DMA	<b>dw</b>	03:00
269	LOR	Fort Rucker	AL	USA	<b>dw</b>	10:01
266	TM	Miami	FL	USA	<b>dw</b>	03:00
269	GN	Gainesville	FL	USA	<b>dw</b>	03:00
263	MOQ	Fort Stewart McIntosh	GA	USA	<b>dw</b>	04:00
260	GHJ	Gastonia	NC	USA	<b>dw</b>	16:22
261	OA	Jacksonville	NC	USA	<b>dw</b>	16:22
263	JN	Smithfield	NC	USA	<b>dw</b>	16:22
265	EDE	Edenton	NC	USA	<b>dw</b>	16:22
269	MRH	Beaufort Morehead	NC	USA	<b>dw</b>	16:22
260	ESG	Rollinsford	NH	USA	<b>dw</b>	08:01
492	E8	Natuashish Davis inlet	NL	CAN	<b>dw</b>	06:13
266	ZMM	Montreal Mirabel	QC	CAN	<b>dw</b>	04:00
267	CR	North Myrtle Beach	SC	USA	<b>dw</b>	16:22
265	XPZ	Winchester	VA	USA	<b>dw</b>	02:00
440	ID	Nanjing Xiaodanyang	-	CHN	<b>fm</b>	13:41
450	G	Jinan Yaoqiang	-	CHN	<b>fm</b>	13:46
452	JS	Tianjin Binhai	-	CHN	<b>fm</b>	13:55
475	JR	Beijing Liangxiang	-	CHN	<b>fm</b>	14:32
507	D	Hangzhou Xiaoshan	-	CHN	<b>fm</b>	14:50
514	YV	Tanghekou	-	CHN	<b>fm</b>	14:55
528	O	Shijiazhuang Wuji	-	CHN	<b>fm</b>	15:15
530	KD	Dalian Zhoushuizi	-	CHN	<b>fm</b>	15:20
572	WY	Hangzhou Wenyan	-	CHN	<b>fm</b>	15:32
260	GV	Hefei Luogang	-	CHN	<b>fm</b>	15:55

260	ZW	Chengdu Shuangliu	-	CHN	<b>fm</b>	16:00
489	YK	Dawangzhuang	-	CHN	<b>fm</b>	16:40
473	I	Nanjing Lukou	-	CHN	<b>fm</b>	16:55
460	GF	Fenghuo	-	CHN	<b>fm</b>	17:00
445	LS	Harbin Shuiquan	-	CHN	<b>fm</b>	17:45
264	ZN	Tianzhen	-	CHN	<b>fm</b>	18:30
263	FU	Fuchia (Fukue)	-	JPN	<b>fm</b>	16:10
525	KU	Chiayi	-	TW	<b>fm</b>	15:10
266	DO	Tainan City	-	TW	<b>fm</b>	16:10
491	JD	(UNID)	-	XUA	<b>fm</b>	10:20
441	BF	(UNID)	-	XUA	<b>fm</b>	12:00
471	NH1	(UNID)	-	XUA	<b>fm</b>	13:05
454	Q	(UNID)	-	XUA	<b>fm</b>	13:50
465	AC	(UNID)	-	XUA	<b>fm</b>	14:05
477	BPB	(UNID)	-	XUA	<b>fm</b>	14:40
487	P	(UNID)	-	XUA	<b>fm</b>	16:40
466	Q	(UNID)	-	XUA	<b>fm</b>	16:57
447	Z	(UNID)	-	XUA	<b>fm</b>	18:55
456	ZT	(UNID)	-	XUA	<b>fm</b>	19:05
472.5	LU	Louis Trichardt	-	AFS	<b>is</b>	20:07
485	UR	Margate	-	AFS	<b>is</b>	20:56
265	PI	Semarang	-	INS	<b>is</b>	20:50
511	DMP	(UNID) Indian Ocean?	-	XUU	<b>is</b>	20:54
446	TNG	Thangool	QD	AUS	<b>is</b>	13:42
266	MTG	Mount Gambier	SA	AUS	<b>is</b>	13:25
486	LTV	Latrobe Valley	VI	AUS	<b>is</b>	13:36
260	PD	Port Hedland	WE	AUS	<b>is</b>	20:08
268	FRT	Forrest	WE	AUS	<b>is</b>	20:09
266	HLC	Halls Creek	WE	AUS	<b>is</b>	20:47
269	ZW	Teslin	YT	CAN	<b>jw</b>	04:55
260	HY	Thief River Falls	MN	USA	<b>pf</b>	03:16
263	PBH	Phillips	WI	USA	<b>pf</b>	13:44
261	D6	Fairmont Hot Springs	BC	CAN	<b>sr</b>	01:47
260	ZXS	Prince George	BC	CAN	<b>sr</b>	03:05
260	RL	Richland	WA	USA	<b>sr</b>	01:41
<b>kHz</b>	<b>C/S</b>	<b>Location</b>	<b>St</b>	<b>ITU</b>	<b>Rptr</b>	<b>UTC</b>

## FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

**THEN:** CLE 85 260-269.9 & 440-1740 kHz 24-27 Nov. 2006

**NOW:** CLE103 260-269.9 & 440-1740 kHz 21-25 Mar. 2008

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN (excl. UNID)	NDBs NOW (excl. UNID)	Max km THEN	Max km NOW
USA CA dn	1581	2028	16	30	10	15	2198	4885
USA CA pa	1429	1691	23	37	16	22	2383	3671
USA IL dt	986	1043	90	89	91	85	3949	3126
USA MI ar	895	934	77	61	86	65	2872	2872
USA MN pf	727	703	20	16	27	23	1330	1467
USA OR jw	1229	2473	15	54	12	22	3900	10686
USA OR mc	1000	1451	20	28	20	19	3935	5536
USA OR sr	2051	2432	133	209	65	86	11236	11161
<b>Averages:</b>	1237	1594	49	66	41	42	3975	5426
<b>% Increase:</b>		29		33		3		36

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 excluding UNIDs  
 Max km = Maximum distance from listener to an NDB they 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 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 table shows statistics for all the 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 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**

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

kHz	C/S	Location	ITU		DEU hw	ENG ag	ENG bk	ENG ds	ENG py	FRA jj	HOL rb	SWE bn
520	BHZ	Belo Horizonte	BRA						00			
1700	CRJ	Carajas	BRA						23			00
263	QY	Sydney, NS	CAN		01	03	01	01	23	05	05	
520	F9	Miramichi Chatham, NB	CAN				05					