



AUS	AT	263	CB	Canberra	10													
AUS	NW	269	YNG	Young	10													
AUS	NW	272	LHI	Lord Howe Island	10													
AUS	NW	281	BRW	Brewarrina	11													
AUS	QD	278	CG	Coolangatta	11													
AUS	VI	275	CWS	Cowes	11													
CAN	AB	261	5U	Fort Vermillion													12	
CAN	AB	261	7J	Forestburg													2	
CAN	AB	266	XD	Edmonton		8											0	
CAN	AB	272	YLB	Lac La Biche		12											0	
CAN	AB	274	Z5	Vulcan		10											0	
CAN	AB	276	3H	Consort													1	
CAN	BC	260	YSQ	Atlin		12											2	
CAN	BC	261	D6	Fairmont Hot Springs													1	
CAN	BC	263	ZL	Liard River												11	13	
CAN	BC	266	VR	Vancouver		10										9	0	
CAN	BC	269	YK	Castlegar												9	0	
CAN	BC	272	XS	Prince George												11	0	
CAN	BC	280	V6	Salmon Arm													7	
CAN	MB	263	3Z	Russel													1	
CAN	MB	269	UDE	Delta		11	9				10	6					0	
CAN	MB	275	AV	Winnipeg St Andrews			10			3	11						1	
CAN	MB	280	4B	Little Grand Rapids							11							
CAN	NL	280	QX	Gander						2	10							
CAN	NS	263	QY	Sydney						2								
CAN	NS	266	YZX	Greenwood							10							
CAN	NT	274	FR	Fort Resolution													6	
CAN	ON	260	YAT	Attawapiskat		11	9			2	3	7	3				1	
CAN	ON	261	GD	Goderich		11				0	0		9					
CAN	ON	263	YGK	Kingston		11			8	18	3		3				2	
CAN	ON	263	ZQT	Thunder Bay							10	6						
CAN	ON	263	ZTS	Timmins							3							
CAN	ON	264	ZPB	Sachigo Lake			8				10	7					2	



USA	CA	266	FA	Fresno											12	
USA	CA	271	SC	Stockton		10	3								3	
USA	CA	278	OS	Los Angeles		12									7	
USA	CO	260	AP	Denver		8			2	10					0	
USA	FL	260	MTH	Marathon				10								
USA	FL	261	CHN	Wachula				2				4			5	
USA	FL	269	GN	Gainesville				2				2				
USA	FL	270	TPF	Tampa				2							5	
USA	FL	275	BKK	Bonifay				5				2				
USA	FL	275	FPR	Fort Pierce				10				2				
USA	GA	266	BR	Atlanta				2		4		21	4			
USA	GA	272	PIM	Pine Mountain				10				2	4			
USA	GA	278	GPQ	Carrollton				2				3	4			
USA	GA	280	MQW	Mcrae				9				22	4			
USA	IA	260	OLZ	Oelwein					2	0	7				2	
USA	IA	269	BEX	Bloomfield		10			2	1	6				3	
USA	IA	269	ISB	Sibley							9				3	
USA	IA	272	HNR	Harlan						10					6	
USA	IA	275	IKV	Ankeny						11	7					
USA	IA	278	CRZ	Corning							8				3	
USA	ID	264	SZT	Sandpoint		9								11	0	
USA	ID	280	GVV	Grangeville		9	5							9	0	
USA	IL	263	CVM	Alton					19							
USA	IL	275	RF	Rockford					0	1						
USA	IN	266	IN	Indianapolis	12				0	0						
USA	IN	278	FKR	Frankfort				10	19	1						
USA	KS	281	EWK	Newton				4		11					1	
USA	KY	260	BVQ	Glasgow					2	10		4				
USA	KY	272	TYC	Campbellsville					0	2		2				
USA	KY	273	FK	Hopkinsville		10		5	11	3		2			6	
USA	KY	276	TWT	Sturgis				4	2	1	8	2	4		7	
USA	LA	269	AR	New Iberia		8		4				4				
USA	LA	272	MMY	Many								4				



USA	ND	278	GWR	Gwinner						11	8				0	
USA	NE	263	BF	Scottsbluff			9								1	
USA	NE	263	HWB	Beatrice											5	
USA	NE	265	BBW	Broken Bow			8			11	12				0	
USA	NE	269	SWT	Seward			12								3	
USA	NE	275	HIN	Chadron											0	
USA	NE	283	IML	Imperial			3		5	11	11		9		3	
USA	NM	278	CEP	Ruidoso			3								1	
USA	NV	278	XSD	Tonopah			10								0	
USA	NY	260	PYA	Penn Yan		12										
USA	OH	260	BYN	Bryan		12				18	0					
USA	OH	263	LQL	Willoughby		11				19	0					
USA	OH	269	TII	Tiffin						18	1					
USA	OH	278	HOC	Hillsboro							1					
USA	OH	282	OXD	Oxford						19	1		3			
USA	OK	260	OUN	Norman			2									
USA	OK	264	HN	Shawnee			8								3	
USA	OK	267	HET	Henryetta			8						4		6	
USA	OK	272	OJA	Weatherford			9									
USA	OK	275	GUY	Guymon			3		4	2	10				0	
USA	OR	260	EU	Eugene											2	0
USA	OR	266	SL	Salem											2	0
USA	PA	272	UCP	New Castle		11							10			
USA	PA	275	ING	Ambler									10			
USA	SC	260	BNL	Barnwell									21			
USA	SC	263	CDN	Camden									21			
USA	SC	274	DLC	Dillon									22			
USA	SC	278	EOE	Newberry					2				22			4
USA	SC	283	JZI	Johns Island									22			
USA	TN	263	BGF	Winchester						11	10		2			
USA	TN	263	DYQ	Greeneville							3		2			
USA	TN	269	LRT	Lawrenceburg									2			
USA	TN	279	ON	Springfield							10		3			

USA	TX	260	AVZ	Terrell			2										
USA	TX	263	JSO	Jacksonville					11								
USA	TX	263	LB	Angleton/Lake Jackson			9										
USA	TX	266	LLN	Levelland			2										
USA	TX	266	MWL	Mineral Wells			11										
USA	TX	266	PYX	Perryton			8										
USA	TX	269	AHX	Athens			9										
USA	TX	275	PEZ	Pleasanton			12		10							6	
USA	TX	281	UVA	Uvalde			3		2	3			9			3	
USA	VA	261	ELQ	Emporia							10		1				
USA	VA	265	XPZ	Winchester									10				
USA	VA	269	HLX	Galax/Hillsville									21				
USA	VA	280	LJK	Ashland									10				
USA	VT	268	VKN	Barre/Montpelier									10				
USA	WA	260	RL	Richland												0	
USA	WA	274	CAN	Bremerton												0	
USA	WA	281	SZ	Seattle												1	
USA	WI	260	BL	Milwaukee						1	0						
USA	WI	260	SUW	Superior							10	6					
USA	WI	263	PBH	Phillips								6					
USA	WI	266	DU	Marshfield							11	8					
USA	WI	275	CW	Mosinee		11					2						
USA	WY	266	SAA	Saratoga			8									0	
USA	WY	275	GEY	Greybull			9					8				0	
USA	WY	280	GYZ	Guernsey			9									1	
<b>Cou</b>	<b>St</b>	<b>kHz</b>	<b>Call</b>	<b>Location</b>	<b>AUS AT dh</b>	<b>CAN ON mf</b>	<b>USA AZ dp</b>	<b>USA CA ml</b>	<b>USA FL fm</b>	<b>USA IN dt</b>	<b>USA MI ar</b>	<b>USA MN pf</b>	<b>USA NC th</b>	<b>USA NC ts</b>	<b>USA OR jw</b>	<b>USA OR sr</b>	

**COUNTRIES and STATES/PROVINCES HEARD:**

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

Cou	Country	St	AUS AT dh	CAN ON mf	USA AZ dp	USA CA ml	USA FL fm	USA IN dt	USA MI ar	USA MN pf	USA NC th	USA NC ts	USA OR jw	USA OR sr
ALS	Alaska (US State)												2	3
AUS	Australia	AT	1											
AUS	Australia	NW	3											
AUS	Australia	QD	1											
AUS	Australia	VI	1											
CAN	Canada	AB			3									6
CAN	Canada	BC			2								4	7
CAN	Canada	MB		1	2			1	3	1				3
CAN	Canada	NL						1	1					
CAN	Canada	NS						1	1					
CAN	Canada	NT												1
CAN	Canada	ON		8	3		4	10	13	9	6	1		8
CAN	Canada	QC			1		2	2	7	1	7	1		1
CAN	Canada	SK			1									3
CAN	Canada	YT											1	1
CTR	Costa Rica						1							
CUB	Cuba						3				1			
MEX	Mexico				2		1		1					1
PAQ	Easter Is. (Chile)				1									
TCA	Turks & Caicos Is.										1			
USA	USA	AL					2				1			
USA	USA	AR			2		1	1	2		1			1
USA	USA	AZ			1									1
USA	USA	CA			2	1								4
USA	USA	CO			1			1	1					1
USA	USA	FL					6				4			2
USA	USA	GA					4		1		4	4		
USA	USA	IA			1			2	4	5				5
USA	USA	ID			2	1							2	2
USA	USA	IL						2	1					



USA	USA	IN		1			1	2	2						
USA	USA	KS					1		1						1
USA	USA	KY			1		2	4	4	1	4	1			2
USA	USA	LA			1		2				3				1
USA	USA	MI		3				4	5	2	1				
USA	USA	MN		1					2	4	1				5
USA	USA	MO			2			2	4		2				4
USA	USA	MS					3				1				
USA	USA	MT			2				1	1					3
USA	USA	NC					2		4		10		4		
USA	USA	ND							1	1					2
USA	USA	NE			4		1	2	2		1				6
USA	USA	NM			1										1
USA	USA	NV			1										1
USA	USA	NY		1											
USA	USA	OH		2				4	5		1				
USA	USA	OK			5		1	1	1		1				3
USA	USA	OR											2		2
USA	USA	PA		1							2				
USA	USA	SC					1				5		1		
USA	USA	TN						1	3		4				
USA	USA	TX			8		3	1			1				2
USA	USA	VA							1		4				
USA	USA	VT									1				
USA	USA	WA													3
USA	USA	WI		1				1	4	3					
USA	USA	WY			3					1					3
Cou	Country	St	AUS AT dh	CAN ON mf	USA AZ dp	USA CA ml	USA FL fm	USA IN dt	USA MI ar	USA MN pf	USA NC th	USA NC ts	USA OR jw	USA OR sr	

**LISTENING TIMES:**

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

UTC (hh)	AUS AT dh	CAN ON mf	USA AZ dp	USA CA ml	USA FL fm	USA IN dt	USA MI ar	USA MN pf	USA NC th	USA NC ts	USA OR jw	USA OR sr	
00:00 - 00:59						6	10					26	
01:00 - 01:59						1	15		1			11	
02:00 - 02:59			4		9	14	5		15		2	12	
03:00 - 03:59			7	1		2	7		15	1		9	
04:00 - 04:59					9		1		6	11	1	3	
05:00 - 05:59				1	8			1				5	
06:00 - 06:59								6				8	
07:00 - 07:59								11				6	
08:00 - 08:59			11		5			8				1	
09:00 - 09:59			16		2			3	8		3		
10:00 - 10:59	3		8		7		21		8				
11:00 - 11:59	3	13	1		1	7	15				5		
12:00 - 12:59		6	5				1					3	
13:00 - 13:59												4	
14:00 - 14:59												1	
18:00 - 18:59						7							
19:00 - 19:59						6							
21:00 - 21:59									6				
22:00 - 22:59									8				

**NDBs HEARD, BY FREQUENCY:**

The number of NDBs logged on each frequency, ignoring offsets, and the number logged by each reporter.

NDBs	kHz	AUS AT dh	CAN ON mf	USA AZ dp	USA CA ml	USA FL fm	USA IN dt	USA MI ar	USA MN pf	USA NC th	USA NC ts	USA OR jw	USA OR sr	
21	260		3	5		3	6	9	3	6	1	2	8	
8	261		1			1	1	3		4			4	
1	262		1					1	1	1			1	

21	263	1	2	3		2	6	8	3	5		1	7	
4	264			3		1		1	1	1		1	3	
3	265			1			1	1		2			1	
18	266		2	7		3	4	7	3	3	1	3	9	
1	267			1						1			1	
4	268		1	1		1	1	1		2			2	
20	269	1	3	6		4	4	5	4	5		2	8	
1	270					1							1	
2	271			1	1			1		1			1	
16	272	1	2	4		2	3	7	3	6	2	1	8	
2	273			1		1	2	2		2			1	
5	274			1			1	1	1	1			4	
17	275	1	1	5		4	3	8	2	5	1		7	
5	276		1			3	2	3	2	3	1		3	
1	277												1	
16	278	1	1	4		6	3	6	4	7	3		8	
1	279							1		1				
10	280			4	1	2	1	4		3	2	1	4	
7	281	1		3		3	2	2		3			5	
3	282			1			1	1	1	1				
6	283		1	1		4	2	3	1	4	1		2	
NDBs	kHz	AUS AT dh	CAN ON mf	USA AZ dp	USA CA ml	USA FL fm	USA IN dt	USA MI ar	USA MN pf	USA NC th	USA NC ts	USA OR jw	USA OR sr	

### MOBs

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

kHz	C/S	Location	St	Cou	Rptr	UTC
280	4B	Little Grand Rapids	MB	CAN	ar	11:59
266	YZX	Greenwood	NS	CAN	ar	10:49
278	HOC	Hillsboro	OH	USA	ar	01:25

263	ZTS	Timmins	ON	CAN	<b>ar</b>	03:04
261	2H	Lebel Sur Quevillon	QC	CAN	<b>ar</b>	03:26
263	CB	Canberra	AT	AUS	<b>dh</b>	10:52
269	YNG	Young	NW	AUS	<b>dh</b>	10:55
272	LHI	Lord Howe Island	NW	AUS	<b>dh</b>	10:58
281	BRW	Brewarrina	NW	AUS	<b>dh</b>	11:13
278	CG	Coolangatta	QD	AUS	<b>dh</b>	11:05
275	CWS	Cowes	VI	AUS	<b>dh</b>	11:06
282	CED	Cedros Is.		MEX	<b>dp</b>	09:32
280	IPA	Isle de Pascua		PAQ	<b>dp</b>	03:11
260	OUN	Norman	OK	USA	<b>dp</b>	02:46
272	OJA	Weatherford	OK	USA	<b>dp</b>	09:04
260	AVZ	Terrell	TX	USA	<b>dp</b>	02:49
266	LLN	Levelland	TX	USA	<b>dp</b>	02:58
266	PYX	Perryton	TX	USA	<b>dp</b>	08:47
263	LB	Angleton/Lake Jackson	TX	USA	<b>dp</b>	09:43
269	AHX	Athens	TX	USA	<b>dp</b>	09:59
266	MWL	Mineral Wells	TX	USA	<b>dp</b>	11:58
263	CVM	Alton	IL	USA	<b>dt</b>	19:06
263	QY	Sydney	NS	CAN	<b>dt</b>	02:41
260	HOR	Horcones		CTR	<b>fm</b>	10:20
278	UBA	Baracoa		CUB	<b>fm</b>	05:14
283	UZG	Zaragoza		CUB	<b>fm</b>	10:30
269	LOR	Lowe	AL	USA	<b>fm</b>	05:03
260	MTH	Marathon	FL	USA	<b>fm</b>	10:22
276	MJD	Picayune	MS	USA	<b>fm</b>	04:22
269	OSX	Kosciusko	MS	USA	<b>fm</b>	08:39
263	JSO	Jacksonville	TX	USA	<b>fm</b>	11:48
260	PYA	Penn Yan	NY	USA	<b>mf</b>	12:05
282	ROS	Rush City	MN	USA	<b>pf</b>	08:09
263	PBH	Phillips	WI	USA	<b>pf</b>	06:52
283	DUT	Dutch Harbor		ALS	<b>sr</b>	14:40
276	3H	Consort	AB	CAN	<b>sr</b>	01:46
261	7J	Forestburg	AB	CAN	<b>sr</b>	02:22
261	5U	Fort Vermillion	AB	CAN	<b>sr</b>	12:27
261	D6	Fairmont Hot Springs	BC	CAN	<b>sr</b>	01:14

280	V6	Salmon Arm	BC	CAN	sr	07:47
266	FA	Fresno	CA	USA	sr	12:40
263	UAD	Salinas	CA	USA	sr	13:37
263	3Z	Russel	MB	CAN	sr	01:20
272	ULM	New Ulm	MN	USA	sr	02:11
260	JYG	St James	MN	USA	sr	04:43
266	BZ	Bozeman	MT	USA	sr	00:18
275	SF	Williston	ND	USA	sr	00:40
275	HIN	Chadron	NE	USA	sr	00:46
263	HWB	Beatrice	NE	USA	sr	05:22
274	FR	Fort Resolution	NT	CAN	sr	06:43
272	V1	Moose Jaw	SK	CAN	sr	00:39
277	V2	Humboldt	SK	CAN	sr	04:52
260	RL	Richland	WA	USA	sr	00:07
274	CAN	Bremerton	WA	USA	sr	00:43
281	SZ	Seattle	WA	USA	sr	01:00
260	SC	South Caicos		TCA	th	04:11
272	MMY	Many	LA	USA	th	04:49
263	JN	Smithfield	NC	USA	th	02:05
265	EDE	Edenton	NC	USA	th	02:19
269	MRH	Morehead City	NC	USA	th	02:26
261	OA	Jacksonville	NC	USA	th	10:57
278	HFF	Camp Mackall	NC	USA	th	22:05
275	ING	Ambler	PA	USA	th	10:30
266	ZMM	Montreal	QC	CAN	th	09:31
260	BNL	Barnwell	SC	USA	th	21:35
263	CDN	Camden	SC	USA	th	21:39
274	DLC	Dillon	SC	USA	th	22:03
283	JZI	Johns Island	SC	USA	th	22:10
269	LRT	Lawrenceburg	TN	USA	th	02:26
280	LJK	Ashland	VA	USA	th	10:15
265	XPZ	Winchester	VA	USA	th	10:52
269	HLX	Galax/Hillsville	VA	USA	th	21:43
268	VKN	Barre/Montpelier	VT	USA	th	10:44
kHz	C/S	Location	St	Cou	Rptr	UTC

**TAB's**

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

kHz	C/S	Location	ENG ag	ENG bk	GSY lr	HOL rb	NIR ry	USA FL fm	USA IN dt	USA MI ar	USA NC th
263	QY	Sydney, NS		ENG bk	GSY lr	HOL rb	NIR ry		USA IN dt		
276	YHR	Chevery, QC		ENG bk	GSY lr	HOL rb	NIR ry	USA FL fm		USA MI ar	USA NC th
280	QX	Gander, NL	ENG ag	ENG bk		HOL rb	NIR ry		USA IN dt	USA MI ar	

CLE48a5.xls  
bk 3 Mar 2004