NDB LIST CLE No. 108 **DGPS STATIONS** **29 Aug - 1 Sept 2008** **midday - midday local time**

COMBINED RESULTS
(ALL COUNTRIES)

For overall statistics, please see the covering email.

Reporters:

AUS	TA	**rw**	Bob Warren, New Norfolk
CAN	ON	**hk** *	Herb and Kelly Balfour, Richmond Hill, N. of Toronto
CZE		**ze**	Zdenek Elias, Jablonec nad Nisou, N. Bohemia
DEU		**db** *	Dietmar Birkhahn, Lindlar, 30km east of Cologne
DEU		**hw**	Hartmut Wolff, Near Wolfsburg
DEU		**mo**	Michael Oexner, Roschbach
DEU		**mz**	Matthias Zwoch, Arnsdorf, Nr.Dresden
DNK		**hn**	Henrik Nielsen, Vesterbro, Copenhagen
ENG		**ag**	Alan Gale, Whitworth, Lancashire
ENG		**bk**	Brian Keyte, Bookham, Surrey
ENG		**ds**	David Atkins, Abbots Langley
ENG		**me**	Mike Thayne, Whitley Bay
ENG		**py**	Peter Conway, Hastings
FIN		**jt**	Jarno Fält, Tampere
FIN		**ks**	Kari Syrjänen, Aitomaki, Near Kouvola
FIN		**r2** *	Raimo Karjalainen, Rantsila (KP24tl)
FIN		**ro** *	Raimo Karjalainen, Laukaa, near Jyvaskyla
FRA		**jj**	Jean Jacquemin, Bethune, Merville, Nr Lille
FRA		**vl**	Vincent Lecler, Near Poitiers
HOL		**rb**	Roelof Bakker, Zealand, SW Netherlands
KOR		**fm**	Fred Mooney, Seoul, Korea
NIR		**ry**	Robert Connolly, Kilkeel
NOR		**tb**	Tjaerand S Bauge, Åkrehamn, Karmøy Isl., SW Norway
POR		**bv**	Bev M Ewen-Smith, Algarve
SWE		**bn**	Bo Nensen, Hanabäckliden, Örnsköldsvik
SWE		**ca**	Christian Arvidsson, Storuman, N. Sweden
SWE		**tn**	Torbjorn Ericson, Nykoping
SWE		**wr**	Willi Reppel, Falkenberg
USA	AZ	**dp**	Dick Palmer, Green Valley
USA	CA	**dn**	Don Tomkinson, Upland
USA	NC	**dw**	Don Ward, Raleigh, NC
USA	NY	**ji**	Jim Minor, Long Island
USA	OR	**mc**	Mark McCarthy, Portland
USA	OR	**sr**	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	**al**	Al Burzynski, San Antonio
USA	TX	**du**	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	**mu**	Mark Moulding, Ogden

* *above indicates that decoded Ref IDs were not supplied.*

EQUIPMENT USED

At the end there are some details of the equipment used in the CLE, as provided with the reporters' logs

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)

DGPS STATIONS **Stations 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 stations were logged.
(e.g. 19 indicates decoded between 19:00-19:59 UTC)

'Ref IDs' are shown in the first column - i.e. the decoded numbers identifying the Stations.
If more than one Ref ID was reported during the CLE, the second one is shown in the 'alt Ref ID' column.
Initials after the number shows where the alternative ID was decoded by one reporter only.
(a few of these may be due to unreliable decodes or 'typos', etc.)

Ref ID	alt Ref ID	Cou	St	kHz	TX ID	Location	AUS TA rw	CAN ON hk	CZE ze	DEU db	DEU hw	DEU mo	DEU mz	DNK hn	ENG ag	ENG bk	ENG ds	ENG me	ENG py	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	FRA vl	HOL rb	KOR fm	NIR ry	NOR tb	POR bv	SWE bn	SWE ca	SWE tn	SWE wr	USA AZ dp	USA CA dn	USA NC dw	USA NY ji	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu
#284		ALS		288	#892	Gustavus																													11				5	11		9	11
#296		ALS		289	#898	Cold Bay																													12				9	12			
#282		ALS		295	#891	Level Island																													11				5	11		8	

#294		ALS		313	#897	Kodiak																																13				
#278	#275mu	ALS		323	#889	Annette Island																												10			9	12			7
#003		AUS	NW	308	#703	Sydney, NW	19																																			
#007		AUS	QD	294	#707	Brisbane, QD	19																																			
#008		AUS	QD	306	#708	Ingham, QD	21																																			
#010		AUS	SA	316	#710	Corny Point SA	19																																			
#000		AUS	VI	314	#700	Crib Point, VI	20																																			
#013		AUS	VI	318	#713	Mallacoota, VI	19																																			
#015		AUS	WE	297	#715	Exmouth, WE	22																																			
#001		AUS	WE	304	#701	Karratha WE	21																																			
#431		AUT		306.5	#431	Bad-Deutsch Altenburg			21		18	18	2						22									23				21											
#484		AZR		308	#342	Horta						4			3	4	0		22						21	4			0	0													
#522		BAL		294.5	#361	Cala Figuera Majorca					3	23			2		23								21					4													
#640	#420mo	BEL		312	#420	Oostende				8	17	23			17	11	0	13	18		20			20	19	19			1													
#900		BUL		300	#540	Cavarna					23								1		21																					
#306	#307	CAN	BC	300	#906	Sandspit, BC																															10			8	
#300		CAN	BC	309	#909	Alert Bay, BC																											12				5	5		11	11
#303	#302du	CAN	BC	315	#908	Amphitrite Point, BC																											11				20	6		9	4
#304		CAN	BC	320	#907	Richmond, BC																											11	7			19	6			4
?		CAN	NB	295	#939	Partridge Island, NB		1																																	
#333		CAN	NB	319	#936	Point Escuminac, NB									4	4																									
#340	#341ry	CAN	NL	288	#942	Cape Ray, NL					3				1												1	0						4						3	
#343		CAN	NL	310	#944	Cape Norman, NL					3				0	4		4	4							4		4													
#338		CAN	NL	315	#940	Cape Race, NL									0	3		4	4							3		3	5												
#334	#335vl	CAN	NS	312	#935	Western Head, NS																		5				3							2						
#310		CAN	ON	286	#918	Wiarton, ON		3																											7					5	
#308		CAN	ON	306	#919	Cardinal, ON																													8						
#312	#313	CAN	QC	296	#929	St. Jean Richelieu, QC		4																											4					6	
?		CAN	QC	300	#926	Riviere du Loop, QC		4																																	
?		CAN	QC	309	#927	Lauzon, QC		4																																	
#607		CHN		287.5	#603	Qinhuangdao																				11															
#620		CHN		291	#610	Yanweigang																				3															
#602		CHN		301.5	#601	Dasansgan Dao Lt																				19															
#622		CHN		304	#611	Haozhi Gang																				10															
#605		CHN		307.5	#602	Laotieshan Xijiao																				3															
#608		CHN		310.5	#604	Beitang																				11															
#614		CHN		313.5	#607	Wangjiamaido																				3															
#612		CHN		317	#606	Chengshan Jiao																				13															
#640		CHN		317	#620	Luyu																				19															
#632		CHN		320	#616	Zhenai Jaio																				20															
#534		CNR		284	#367	La Entallada																							2												
#764		DEU		293.5	#494	Iffezheim			23		15	13	0		23	18	22	21	20		18			20	21	19		20					1								
#762		DEU		298.5	#492	Helgoland					17	13	0	18	17	11	23	11	18	2	0			20		19			12			2	23	2							
#493	#760mo	DEU		302.5	#490	Koblenz					17	13				13	23	20	18					20		19		21	20				21	2							
#493		DEU		302.5	#493	Koblenz (Test Station)			21				0		17																										
#763		DEU		303.5	#493	Zeven			21		17	13	0	10	17	11	23	11	18	1	19		2	20		19		23	12			2	23	2							
#761		DEU		308	#491	Groß Mohrdorf			21	21	17	14	0	10	17	18	0	12	18	19	17	23	19			20		0	12			0	23	3							
#766		DEU		313.5	#496	Mauken			21		17	16	0	21	23	18	0	20	18	23	17	22	16	20		20			20				0	3							
#765		DEU		314.5	#495	Bad Abach			21		17	13	0		23	23			18		2			20		3			22					3							
#700		DNK		289.5	#451	Hammerodde Lt, Bornholm					15	23	0	10	1	19	22	1	20	21	17		2			22		20	19				22	23							
#705		DNK		290	#452	Blavandshuk Lt					17			11	17	13	22	11	16							18		20	12					23							
#711	#710rb	DNK		296	#453	Skagen West Lt					15			10	18	21	23	14	16	22	20					23			12		22	22	23	1							
#689		ENG		290.5	#447	Flamborough Head Lt					17	21			17	11	22	11	16	1	1		2	19		19		20	19					23							
#691		ENG		291	#439	Wormleighton				21	17	3			17	11	22	11	16	23	19		2	19	21	19		20	21					23							
#688		ENG		299.5	#448	North Foreland				22	3	3			17	11	23	11	18					20		19															
#681		ENG		306	#441	Lizard Lt					3				17	11	19	21	18					20		20		3	21					3							
#680		ENG		307.5	#440	St Catherines Point					3	3			17	11	0	12	18					19	21	19								3							
#504	#503py	ESP		283.5	#352	Cabo Penas					4				2	3			3						20																
#500		ESP		285	#350	Cabo Machichaco					4	4			23	20	22		11						20	4								2							
#526	#486hw	ESP		286	#363	Castellon					4					4			3							4				21											

#502		ESP	289	#351	Cabo Mayor					4	3			23	20	22	4	11					0	21	4		23		4				1											
#528		ESP	291	#364	Cabo Salou																								3																
#508	#354rb	ESP	296	#354	Cabo Finisterre									23	4			2					0	21	23		3		23																
#520		ESP	297.5	#360	Cabo de la Nao																			21					20																
#351	#516	ESP	298.5	#358	Punta Sabinal																								3																
#514		ESP	299.5	#357	Malaga																								12																
#512		ESP	302.5	#356	Tarifa													2											8																
#510		ESP	303.5	#355	Rota													4											12																
#532		ESP	313.5	#366	Cabo San Sebastian													20						21																					
#531	#861cawr	EST	295.5	#531	Narva						2	0		0	19	23		23	14	15	21	18			23					15	22	23	1											
#530	#840	EST	307	#530	Ristna Lt					3	2	0	22				21		14	15	22	16			20		21	18		15	20	23	3											
#607		FIN	286	#407	Savonlinna					2				1		1	21		19	15	21	12						19		21	21	22	1											
#606		FIN	287	#406	Klamila			23	1	19	18	22	23	23	19	22	19	20	13	18	21	12			19		21	19		21	21	22	23											
#601		FIN	287.5	#401	Mantyluoto					19	23				23	1	20		16	15	21	12						23		14	20	22	1											
#602		FIN	290	#402	Puumala														14	15		12																						
#608		FIN	290.5	#408	Kokkola														15	15	22	12						0		14	20	22													
#600		FIN	293.5	#400	Porkkala Pilot Station					19			1	1	19		22	20	14	15		12			21		21	19		14		22	1											
#604		FIN	301.5	#404	Turku					19	23	0	0	0	0		21	20	13	15	22	12	22		22			19		15	21	23	2											
#603		FIN	304.5	#403	Outokumpu														20	18																								
#605		FIN	314.5	#405	Marjaniemi					2					23	0	20	22	14	15		12	0		21			20		15	19	0	3											
#469		FRA	286.5	#339	Porquerolles					3	21													21																				
#460		FRA	299	#330	Heuville				21	19	3			17	11	23	12	18					20	21	19		21	22	1			23	2											
#468		FRA	304.5	#338	Cap Bear Lt					4	21			0	22	0		20															3											
#464		FRA	307	#334	Les Sables d'Olonne					4				17	11	0	4	18					0	21									3											
#462		FRA	308.5	#332	Pont de Buis					4	3			17	11	0	2	18					20	21	20		0																	
#463		FRA	309	#333	Pen Men						4			3	12	0	2	8					0	21																				
#466		FRA	310	#336	Cap Ferret					3	3			23	20	0	1	18					20	21			0						3											
#715		FRO	287.5	#454	Torshavn			2		21	3		2	23	20	22	14	20	22	18		2	20	20	20		2	12				23	23											
#428	#655wr	HOL	294	#428	Vlieland Lt				21	15	1			17	11	23	14	16	22				12		19							23	1											
#426	#655jjwr	HOL	302	#426	Gilze Rijen				20	17	21			17	11	23	11	18		20			20		19			10					2											
#425		HOL	312.5	#425	Hoek van Holland					17	23	3		17	11	0	13	18		19			20		19			13				0	3											
#258		HWA	286	#879	Upolu Point																													11	7			6	11		10	11
#254		HWA	290	#877	Pahoa																													12	8			13	12				
#660		IRL	284	#430	Mizen Head						3			17	11	22	4	11					20		4		20						2											
#670		IRL	288.5	#435	Tory Island					21	3			17	12	22	13	2							4		20	23																
#665		IRL	293	#432	Loop Head Lt					3				17	3	22	1	2									20	2																
?	#632wr	ISL	287	#416	Skardhsfjara Lt		1																										1											
#414		ISL	289.5	#414	Raufarhofn									23														22																
#415		ISL	291	#415	Djupivogur																							0																
#411	#622me	ISL	293.5	#411	Reykjanes Lt									2	3		4	3									3	22																
#412		ISL	300	#412	Bjargtangar Lt									2														0																
#692		JPN	288	#646	Daio Saki																					18																		
#704		JPN	302	#652	Ose Saki																					11																		
#670		JPN	305	#635	Hamada Ko																					10																		
#686		JPN	309	#643	Ken Saki																					12																		
#666		JPN	316	#633	Shakotan Misaki																					11																		
#680		JPN	316	#640	Kinkasan To																					19																		
#696		JPN	320.5	#648	E Saki																					17																		
#708		JPN	320.5	#654	Nakano Shima																					12																		
#001		KAL	286.5	#001	Baltiysk			21		17	3	22	8	23	19	22		20	21	15	22	22					20	18		14	2	22	2											
#724		KOR	287	#662	Geomun Do Lt																					11																		
#749		KOR	289	#672	Yeongju																					3																		
#730		KOR	290	#665	Mara Do Lt																					10																		
#740		KOR	292	#670	Cheojin																					10																		
#726		KOR	295	#663	Chumunjin Dan																					14																		
#728		KOR	295	#664	Eocheong Do Lt																					3																		
#755		KOR	296	#675	Seongju																					3																		
#738		KOR	298	#669	Sohuksando Lt																					3																		
#720		KOR	300	#660	Yong Do																					10																		
#751		KOR	303	#673	Pyeongchang																					3																		

#732		KOR		310	#666	Changgi Gap Lt																					9																		
#722		KOR		313	#661	Palmi Do																					3																		
#753		KOR		318	#674	Chungju																					3																		
#734		KOR		319	#667	Ullung Do																					10																		
#747		KOR		322	#671	Muju																					3																		
#736		KOR		323	#668	Sochong Do Lt																					3																		
#482		KWT		295	#141	Kuwait City					22				23			23		19																								
#535		LTU		304.5	#535	Klaipeda Rear Lt			0		17	23	0		23	22		20	20	20	17		22	0		23			20		15		23	2										
#486		MDR		287.5	#343	Porto Santo					4	4			4	3			20					4	20	4				11															
#796		NOR		284	#516	Torsvag Lt														23	0	22	23								22	22													
#823	713wr793jj	NOR		286.5	#513	Skomvaer Lt Roest Is.					3				1		22	1		21	18	21	23	20		23					21	21		23										
#820	#790wr	NOR		301	#510	Halten Lt				2	3				3	21		20		20		23	21			0		21	21		15	20	21	2										
#788		NOR		302.5	#508	Svinoy Lt									2					5	17	23	0						12		23	21	23	2										
#791		NOR		303.5	#511	Sklinna Lt, Heimoy																									15	21	21												
#813	#783mo	NOR		304	#503	Lista			0	21	17	1	0	19	17	11	0	11	18	22	18		1			19		21	12		23	1	23	2										
#830		NOR		305.5	#520	Vardo Lt														23	19	22	22																					
#827		NOR		309.5	#518	Fruholmen Lt															0	23	23																					
#780		NOR		310.5	#500	Faerder Lt			23		17	21	0	12	23	21	0	13	22	19	16		23	21		20			14		23	20	0	3										
#824		NOR		311	#515	Andenes, Andoya														23			0								23	21													
#785	#815	NOR		313	#505	Utsira Lt		1		1	3		3	1	18	11	0	14	20	21	16		2	21		22		3	12		23	21	0	3										
#901		PNR		302	#972	Miraflores																																					4	
#741		POL		283.5	#481	Dziwnow			22		14	3	21	2	2						20		2						20				22	23										
#743	#744mz	POL		301	#482	Rozewie			0		18		0	11	23				23	22	17								22				23	2										
#482		POR		305.5	#341	Sagres					3	1			23	22	0	21	20					0	21	4		21	22	8														
#480		POR		311.5	#340	Cabo Carvoeiro Lt					4	1			23	20	0	21	22					20	21	20		21	23	8														
#035		PTR		295	#817	Isabela					4				3	3		4	3						2	4			3	4								4			7	5	3	
#002		RUS		298.5	#002	Shepelevskiy 1					0				2					14	15	23	12									22	22											
#005	#002wr	RUS		311	#005	Shepelevskiy 2							22		0	23		20	22	14	15	22	12						19		23		0	1										
#693		SCT		285.5	#443	Stirling (Earls Hill)				21	18	21	22		17	11	22	11	16	0	20		2	21		18		20	12		21		22	23										
#684		SCT		295.5	#444	Butt of Lewis					3	4	3		18	21		15	0	2				20		23		3	12		22			1										
#686		SCT		297	#446	Girdle Ness				1	3				17	11	23	11	20	0	2		2	20		20			12		22		22	1										
#685		SHE		291.5	#445	Sumburgh Head					17	21	0	2	17	11	22	11	16	20	17		22			19		3	12		22	1	22	23										
#738		SWE		288.5	#470	Otterbäcken					19	23	22	19	1	23		1	23	19	16	22	21						18		22	21	22	23										
#724		SWE		289	#462	Jarnas					19	21			2	21		1	21	14	16	21	12			21			19		14	20	22	1										
#720		SWE		292	#460	Holmsjö			21	21	15		0	10	23	19	22	22	8	19	16	23	19	20		19		20	18		22	21	22	23										
#732		SWE		293	#466	Kullen High Lt					15	22	0		23	22		21		22	16		0						12		22	2	22	23										
#736		SWE		296.5	#469	Goteborg					15	21	0	10	23	19	23	22	20	19	17			21		20			12			22	23	1										
#730		SWE		297.5	#465	Hoburg					17	23		10					0	14	15	21	21			23			20		15	21	23	1										
#734		SWE		298	#468	Nynashamn			23	21	18	21	0	21	23	21	23	22	23	14	15	21	19	21		19		23	18		15	20	23	1										
#726		SWE		299.5	#463	Skutskar			0		19	21	0	21	0			20		14	15	21	12					22	18		15	20	23	2										
#733		SWE		302	#467	Hjortens Udde					3									1	17		21						19		23	22	23	2										
#728		SWE		307.5	#464	Kapellskar Lt			1		18	23	0	21	3			1		14	15	22	19						19		15	21	23	3										
#722		SWE		311.5	#461	Bjuroklubb					23		23							14	15	22	12						22		15	20	0	1										
#545		TUR		301	#373	Turkeli Lt			1		0	19			0				0		19					2																		
#548	#547wr	TUR		307.5	#374	Kumkale			23		18	18	0								21													3										
#095		UKR		288	#095	Yenikalsky					18	23								22	15					22			2				22	2										
#086		UKR		297	#086	Odessky					18		2				23			22	17												23											
#026		USA	AL	300	#813	Mobile Point, AL																															10				2	2	
#050		USA	AL	307	#825	Hackleburg, AL																															8				1	2	
#160		USA	AL	320	#865	Millers Ferry, AL																															9				1	3	
#064		USA	AZ	319	#876	Flagstaff, AZ																													19			2	6	3	9	4	
#266		USA	CA	287	#883	Pigeon Point, CA																													12	8					10		
#270		USA	CA	292	#885	Cape Mendocino, CA																													4	8		19	6	11	10	4	
#066		USA	CA	298	#875	Essex, CA																													19	8	10	3	6	2	8	4	
#262		USA	CA	302	#881	Point Loma, CA																													2	8		7	4	9	9	4	
#084		USA	CA	305	#795	Bakersfield, CA																													2	9		4	6	6	9	4	
#210		USA	CA	314	#764	Lincoln, CA																													3	9	10	5	6	6	8	4	
#256		USA	CA	318	#878	Chico, CA																													11	9	8	22	6		11	4	
#264		USA	CA	321	#882	Lompoc, CA																													2	9	7	5	6	6	9	4	
#200		USA	CO	307	#872	Pueblo, CO																													2	9	10	2	6	17	17	4	

#171	#170dw	USA	DE	309	#870	Reedy Point, DE																															4	2					
#022		USA	FL	286	#811	Key West, FL																															6				7	3	
#018		USA	FL	289	#809	Cape Canaveral, FL																															9				7	3	
#244		USA	FL	312	#827	Tampa, FL		1																										2		9	2			1	2	
#048		USA	GA	301	#822	Macon, GA		1																										2		7		10	2		4	
#036		USA	GA	319	#818	Savannah, GA		1																												16	3			1	4	
#156		USA	IL	311	#863	Rock Island IL (IA)																												4		8		11	5	3	5	
#202		USA	KS	289	#765	Topeka, KS																												3	8	7		11	6	3	17	11
#168		USA	KY	290	#869	Louisville, KY																														5				5	2	
#028		USA	LA	293	#814	English Turn, LA		4																										3		10			4	17	17	
#198		USA	MA	306	#772	Acushnet, MA		1																												6	2		5	8	2	
#058		USA	MD	301	#847	Annapolis, MD		4						4																3						18	2				5	
#130		USA	MD	307	#834	Hagerstown, MD		4																												16	2					
#044		USA	ME	290	#799	Penobscot, ME		4																												4						
#042		USA	ME	316	#800	Brunswick, ME																														6						
#112		USA	MI	292	#836	Cheboygan, MI																														3						
#102		USA	MI	298	#831	Upper Keweenaw, MI		1																												7					4	
?		USA	MI	301	#837	Saginaw Bay, MI		4																																		
#110	#111dw	USA	MI	309	#835	Pickford, MI		4																												10					4	
#116		USA	MI	319	#838	Detroit, MI		1																												8					7	
#096		USA	MN	292	#841	Pine River, MN		1																										3		7			5	5	8	
#158		USA	MN	317	#864	St Paul (Alma), MN (WI)		1																										11		8			3	6	5	
#154		USA	MO	322	#862	St Louis, MO																												3	10	9	3	5	6	3	2	6
#136		USA	MS	297	#792	Bobo, MS		4																										2	8	3		4	6	2	17	11
#150		USA	MS	313	#860	Vicksburg, MS (LA)																												1		9				1	17	
#060		USA	MT	287	#849	Polson, MT																												4				11	6	9	8	4
#064		USA	MT	313	#874	Billings, MT																												3	9	8		2	6	3	8	4
#196	#197dw	USA	NC	294	#771	New Bern, NC		4																5						3				1		17	2			4	3	
#046		USA	NC	303	#824	Greensboro, NC		4		4				4																4						16				4	2	
#176		USA	ND	325	#851	Medora, ND																												3	9	9		5	6	6	9	4
#166		USA	NE	298	#868	Omaha, NE (IA)																														5			5	5	17	
#148		USA	NE	310	#859	Whitney NE																												2	9	6		9	2	4	5	11
#008	#009dw	USA	NJ	286	#804	Sandy Hook, NJ		3																												1	1				9	
#054		USA	NM	291	#845	Albuquerque, NM																												19	8	10		3	6	2	17	4
#074		USA	NV	312	#798	Austin, NV																												2	9	10		20	6	8	10	4
#006		USA	NY	293	#803	Moriches, NY		4																												6	2					
#118		USA	NY	322	#839	Youngstown, NY		1																												8						
#094		USA	NY	324	#844	Hudson Falls, NY		1																												7	3			8	2	
#162		USA	OK	299	#866	Sallisaw, OK																												2	8	10		4	11	17	17	11
#272		USA	OR	287	#886	Fort Stevens, OR																												12				19	11		11	6
#138		USA	OR	294	#791	Klamath Falls, OR																												3	8			19	6	5	10	4
#214		USA	OR	310	#773	Seneca, OR																												2	9			19	6	10	11	4
#184		USA	PA	291	#788	Hawk Run, PA		4																												5	1				4	
#192		USA	SC	292	#778	Kensington, SC		4																										2		16	1			2	4	
#146		USA	SD	309	#850	Clark, SD																												3	9	10		9	6	3	4	4
#190		USA	TN	305	#782	Dandridge, TN		4		4				4																						16	2			1	2	
#144		USA	TN	317	#858	Hartsville, TN		4																										4		10	2			1	2	7
#246		USA	TX	301	#828	Angleton, TX																												2	8	10		11		17	17	9
#032		USA	TX	304	#816	Aransas Pass, TX																												2	9	10		11	11	17	17	
#052		USA	TX	318	#823	Summerfield, TX																												2	9	9		2	4	17	17	7
#174		USA	UT	303	#873	Myton, UT																												2	8	10		4	6	4	8	4
#012		USA	VA	289	#806	Driver, VA		3						4																4						16	1		8		6	
#172		USA	WA	300	#871	Appleton, WA																												4	8			19	6	9	8	4
#276		USA	WA	302	#888	Whidbey Island, WA																																19	11			11
#068		USA	WA	316	#848	Spokane, WA																												4	9	8		20	6	6	9	4
#274	#275	USA	WA	323	#887	Robinson Point, WA																												11				19	6			11
#100	#101	USA	WI	296	#830	Wisconsin, Point WI		1																												5				9	4	4
#218		USA	WI	304	#777	Mequon, WI		4																												8	2	8	6	9	5	4
#104		USA	WI	314	#832	Sturgeon Bay, WI																														7						
#682		WLS		297.5	#442	Point Lynas Lt						3	4			17	11	23	11	18					20		19		21	21					2								

Ref ID	alt Ref ID	Cou	St	kHz	TX ID	Location	AUSTA rw	CANON hk	CZEze	DEUdb	DEUhw	DEUmo	DEUmz	DNKhn	ENGag	ENGbk	ENGds	ENGme	ENGpy	FINjt	FINks	FINr2	FINro	FRAjj	FRAvl	HOLrb	KORfm	NIRry	NORtb	PORbv	SWEbn	SWEca	SWEtn	SWEwr	USAAZdp	USACAdn	USANCdw	USANYji	USAORmc	USAORsr	USATXal	USATXdu	USAUTmu
#689	#416hk	WLS		309.5	#449	Nash Point		1			4	3			17	11		13	18					19	21	20		21															
#001		XUA	-	306.5	#001	(UNID)																					12																
#590		XUE	-	288.5	#590	(UNID)					17	18																															
#043		XUE	-	303.5	#043	UNID (Kuzov, RUS?)														18	15	22	18																				
#001		XUE	-	313.5	#001	(UNID)															17		20																				
#009		XUE	-	314.5	#009	(UNID)															17																						

COUNTRIES and STATES/PROVINCES:

Shows the number of Stations in each radio country that were decoded by each reporter.

Cou	Country	St	AUSTA rw	CANON hk	CZEze	DEUdb	DEUhw	DEUmo	DEUmz	DNKhn	ENGag	ENGbk	ENGds	ENGme	ENGpy	FINjt	FINks	FINr2	FINro	FRAjj	FRAvl	HOLrb	KORfm	NIRry	NORtb	PORbv	SWEbn	SWEca	SWEtn	SWEwr	USAAZdp	USACAdn	USANCdw	USANYji	USAORmc	USAORsr	USATXal	USATXdu	USAUTmu
ALS	Alaska (US State)																														3	1			5	4		2	2
AUS	Australia	NW	1																																					
AUS	Australia	QD	2																																					
AUS	Australia	SA	1																																					
AUS	Australia	VI	2																																					
AUS	Australia	WE	2																																					
AUT	Austria				1		1	1	1						1											1			1											
AZR	Azores							1			1	1	1		1							1	1			1	1													
BAL	Balearic Is.						1	1			1		1									1					1													
BEL	Belgium					1	1	1			1	1	1	1	1		1			1	1	1				1													
BUL	Bulgaria						1								1		1																							
CAN	Canada	BC																													3	1			4	3		3	3
CAN	Canada	NB		1							1	1																												
CAN	Canada	NL					2				3	2		2	2								2		1	3	1						1					1	
CAN	Canada	NS																				1				1							1						
CAN	Canada	ON		1																													2					1	
CAN	Canada	QC		3																													1					1	
CHN	China (PRC)																							10															
CNR	Canary Is.																										1												
DEU	Germany				6	1	7	7	7	4	7	7	6	6	7	4	6	2	3	6	1	7		4	6			3	5	7									
DNK	Denmark						3	1	1	3	3	3	3	3	3	2	2		1			3		2	3		1	1	2	3									
ENG	England					2	5	4			5	5	5	5	5	2	2		2	5	2	5		3	3					4									
ESP	Spain						4	2			4	5	2	1	8					2	6	4		2		9				2									
EST	Estonia						1	2	2	1	1	1	1	1	1	2	2	2	2			2		1	1		2	2	2	2									
FIN	Finland				1	1	6	3	2	3	4	5	4	6	4	9	9	5	8	2		4		2	7		7	6	7	6									
FRA	France					1	6	6			6	6	6	5	6					5	6	2		3	1	1			1	4									
FRO	Faroe Is.				1		1	1		1	1	1	1	1	1	1	1		1	1	1	1		1	1				1	1									
HOL	Netherlands					2	3	3	1		3	3	3	3	3	1	2			3		3			2				2	3									
HWA	Hawaii (US State)																														2	2			2	2		1	1
IRL	Ireland						2	2			3	3	3	3	3					1		2		3	2					1									
ISL	Iceland			1							3	1		1	1									1	4					1									
JPN	Japan																						8																
KAL	Kaliningrad				1		1	1	1	1	1	1	1		1	1	1	1	1					1	1		1	1	1	1									
KOR	Korea, South																						16																
KWT	Kuwait						1					1			1		1																						
LTU	Lithuania				1		1	1	1		1	1		1	1	1	1		1	1		1			1		1		1	1									
MDR	Madeira						1	1			1	1			1					1	1	1				1													
NOR	Norway			1	2	3	5	2	3	3	6	4	4	5	3	9	8	6	10	3		5		3	5		9	9	6	6									
PNR	Panama																																					1	
POL	Poland				2		2	1	2	2	2				1	1	2		1						2				2	2									
POR	Portugal						2	2			2	2	2	2	2					2	2	2		2	2	2													
PTR	Puerto Rico						1				1	1		1	1						1	1			1	1							1			1	1	1	
RUS	Russia (Eu)						1		1		2	1		1	1	2	2	2	2						1		1	1	2	1									
SCT	Scotland					2	3	2	2		3	3	2	3	3	3	2		2	3		3		2	3		3		2	3									
SHE	Shetland Is.						1	1	1	1	1	1	1	1	1	1	1		1			1		1	1		1	1	1	1									
SWE	Sweden				4	2	11	8	8	7	8	6	3	8	6	11	11	8	10	3		5		3	11		10	11	11	11									
TUR	Turkey				2		2	2	1		1				1		2					1								1									
UKR	Ukraine						2	1	1				1			2	2					1			1				2	1									

Cou	Country	St	AUS TA rw	CAN ON hk	CZE ze	DEU db	DEU hw	DEU mo	DEU mz	DNK hn	ENG ag	ENG bk	ENG ds	ENG me	ENG py	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	FRA vl	HOL rb	KOR fm	NIR ry	NOR tb	POR bv	SWE bn	SWE ca	SWE tn	SWE wr	USA AZ dp	USA CA dn	USA NC dw	USA NY ji	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu
USA	USA	AL																															3				3	3	
USA	USA	AZ																													1				1	1	1	1	1
USA	USA	CA																													8	8	4		7	7	6	8	7
USA	USA	CO																													1	1	1		1	1	1	1	1
USA	USA	DE																															1	1					
USA	USA	FL		1																											1		3	1			3	3	
USA	USA	GA		2																											1		2	1	1	1	1	2	
USA	USA	IL																													1		1		1	1	1	1	
USA	USA	KS																													1	1	1		1	1	1	1	1
USA	USA	KY																															1				1	1	
USA	USA	LA		1																											1		1			1	1	1	
USA	USA	MA		1																													1	1		1	1	1	
USA	USA	MD		2							1														1								2	2				1	
USA	USA	ME		1																													2						
USA	USA	MI		4																													4					3	
USA	USA	MN		2																											2		2			2	2	2	
USA	USA	MO																													1	1	1	1	1	1	1	1	1
USA	USA	MS		1																											2	1	2		1	1	2	2	1
USA	USA	MT																													2	1	1		2	2	2	2	2
USA	USA	NC		2			1				1										1				2						1		2	1			2	2	
USA	USA	ND																													1	1	1		1	1	1	1	1
USA	USA	NE																													1	1	2		1	2	2	2	1
USA	USA	NJ		1																													1	1				1	
USA	USA	NM																													1	1	1		1	1	1	1	1
USA	USA	NV																													1	1	1		1	1	1	1	1
USA	USA	NY		3																													3	2			1	1	
USA	USA	OK																													1	1	1		1	1	1	1	1
USA	USA	OR																													3	2			3	3	2	3	3
USA	USA	PA		1																													1	1				1	
USA	USA	SC		1																											1		1	1			1	1	
USA	USA	SD																													1	1	1		1	1	1	1	1
USA	USA	TN		2			1				1																				1		2	2			2	2	1
USA	USA	TX																													3	3	3		3	2	3	3	2
USA	USA	UT																													1	1	1		1	1	1	1	1
USA	USA	VA		1							1														1								1	1		1		1	
USA	USA	WA																													3	2	1		4	4	2	2	4
USA	USA	WI		2																													3	1	1	1	2	2	2
WLS	Wales			1			2	2			2	2	1	2	2					2	1	2		2	1					1									
XUA	UNID																						1																
XUE	UNID						1	1								1	3	1	2																				

DECODE TIMES: Shows the number of Stations decoded by each reporter during the time periods shown.

UTC (hh)	AUS TA rw	CAN ON hk	CZE ze	DEU db	DEU hw	DEU mo	DEU mz	DNK hn	ENG ag	ENG bk	ENG ds	ENG me	ENG py	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	FRA vl	HOL rb	KOR fm	NIR ry	NOR tb	POR bv	SWE bn	SWE ca	SWE tn	SWE wr	USA AZ dp	USA CA dn	USA NC dw	USA NY ji	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu
00:00 - 00:59			4		2		23	1	8	1	17		3	2	3		3	7		1		3	5	1		1	7										
01:00 - 01:59		15	2	3		4		2	6		2	7	1	3	1		1					1	1	1		2		17	2		1	4			7		
02:00 - 02:59			1	1	2	2	2	3	8			2	4	2	2		9		1	1		1	2	1		4		18	16		1	10	4	2	5	10	
03:00 - 03:59		3			18	13	3		5	6			4							2	12	6	5	2				15	9		2	3	2	1	6	6	
04:00 - 04:59		18			13	6			6	5		7	3					1		10			3	3					6		5		4	3	4	9	24
05:00 - 05:59														1					2					1							4		7	5	5	6	
06:00 - 06:59																															5		1	26	6	2	2
07:00 - 07:59																														2	8		1	1	2	1	3
08:00 - 08:59				1				1					2											3						13	10		1	1	3	9	
09:00 - 09:59																					1									14	7		4		5	9	1
10:00 - 10:59								7													6		1							2	14		2		1	5	
11:00 - 11:59								2		22		12	3								5			1					8				5	7	1	4	9
12:00 - 12:59								1		2		3					13	1			3		15	2					5					3			
13:00 - 13:59						5				2		5		2							1		1										2				
14:00 - 14:59					1	1						4		13							1		1		5												

UTC (hh)	AUSTA rw	CANON hk	CZEze	DEUdb	DEUhw	DEUmo	DEUmz	DNKhn	ENGag	ENGbk	ENGds	ENGme	ENGpy	FINjt	FINks	FINr2	FINro	FRAjj	FRAvl	HOLrb	KORfm	NIRry	NORtb	PORbv	SWEbn	SWEca	SWEtn	SWEwr	USAAZdp	USACAdn	USANCdw	USANYji	USAORmc	USAORsr	USATXal	USATXdu	USAUTmu
15:00 - 15:59					7							1		1	19										12												
16:00 - 16:59						1							7	1	6		2														6						
17:00 - 17:59					19				26						12						1										1				6	11	
18:00 - 18:59					8	4		1	3	3			19	1	6		2			2	1		6							1						
19:00 - 19:59	4				8	1		2		7	1	1		6	6		4	4	1	19	3		10			1			3				8				
20:00 - 20:59	1			1						5		8	15	4	5		1	22	4	11	1	11	6	1		9							3				
21:00 - 21:59	2		8	8	2	11	1	4		6		8	1	4	2	9	4	5	18	3		11	4	1	4	12	4										
22:00 - 22:59	1		1	1	1	1	5	1		4	17	4	6	8		12	4	1		4		1	7		8	6	17						1				
23:00 - 23:59			5		2	11	1	1	20	6	15		5	5		6	4			7		3	4	1	7		21	13									

DGPS BEACONS, BY FREQUENCY:

The number of beacons decoded on each frequency, and the number decoded by each reporter.

NDBs	kHz	AUSTA rw	CANON hk	CZEze	DEUdb	DEUhw	DEUmo	DEUmz	DNKhn	ENGag	ENGbk	ENGds	ENGme	ENGpy	FINjt	FINks	FINr2	FINro	FRAjj	FRAvl	HOLrb	KORfm	NIRry	NORtb	PORbv	SWEbn	SWEca	SWEtn	SWEwr	USAAZdp	USACAdn	USANCdw	USANYji	USAORmc	USAORsr	USATXal	USATXdu	USAUTmu
2	283.5			1		2	1	1	1	2	1			1		1		1		1				1				1	1									
3	284						1			1	1	1	1	1	1	1	1	1			1		1		1	1	1		1									
1	285					1	1			1	1	1		1						1	1								1									
1	285.5				1	1	1	1		1	1	1	1	1	1			1			1		1	1		1		1	1									
6	286		2			2				1	1	1	1	1	1	1	1	1			1			1	1	1	1	1	1	1	1	3	1	1	1	1	4	1
3	286.5			1		3	2	1	1	2	1	2	1	1	2	2	2	2	1	1	1		1	1		2	2	1	2									
6	287		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1		1	1	1	2	3	1			2	2	1	3	2
4	287.5			1		3	3		1	2	3	2	2	2	2	2	1	2	2	2	2	1	1	2	1	1	1	2	2									
4	288					2	1			1					1	1					1	1	1	2				1	1	1		1		1	1		2	1
3	288.5					3	3	1	1	2	2	1	2	2	1	1	1	1			1		1	2		1	1	1	1									
7	289		1			2	2			3	2	1	2	2	1	1	1	1	1	1	2	1	1	2	1	1	1	1	2	2	1	3	1	2	3	2	3	1
2	289.5					1	1	1	1	2	1	1	1	1	1	1		1			1		1	2				1	1									
6	290		1			1			1	1	1	1	1	1	1	1		1			1	1	1	1					1	1	1	2		1	1	1	1	
2	290.5					1	1			1	1	1	1	1	2	2	1	2	1		1		1	2		1	1	1	1									
6	291		1		1	1	1			1	1	1	1	1	1	1		1	1	1	1	1	1	2	1				1	1	1	2	1	1	1	1	2	1
1	291.5					1	1	1	1	1	1	1	1	1	1	1		1			1		1	1		1	1	1	1									
6	292		2	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		1	1	1	1	3	1	3	1	1	2	3	3	1
4	293		2			2	1	1		2	2	1	2	1	1	1		1					1	2		1	1	1	1	1		2	1		1	1	1	
3	293.5			1		2	1	1	1	3	3	1	3	3	1	2		1	1	1	2		3	2		1		1	2									
4	294	1	1		1	1	1			1	1	1	1	1	1				1	1	1			1				1	1	2	1	1	1	1	1	2	2	1
1	294.5					1	1			1		1								1					1													
6	295		1			2				1	2		1	2		1				1	1	2		1	1					1		1		1	2	1	2	
2	295.5					1	2	2		2	2	1	1	2	2	1	1	1	1		2		1	1		2	1	1	2									
5	296		2			1			1	2	2	1	1	2	1	1			1	1	2	1	1	1	1	1	1	1	1			2				1	2	1
1	296.5					1	1	1	1	1	1	1	1	1	1	1			1		1			1			1	1	1									
4	297	1	1		1	2		1		1	1	2	1	1	2	2		1	1		1			1		1		2	1	1	1	1		1	1	1	1	1
3	297.5					2	2		1	1	1	1	1	2	1	1	1	1	1	1	2		1	2	1	1	1	1	2									
5	298		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1		1	1	1	1	1	1	3		1	2	2	3	1
3	298.5					2	1	1	1	2	1	1	1	1	2	2	1	1	1		1			1	1		2	2	1									
2	299				1	1	1			1	1	1	1	1					1	1	1		1	1	1			1	1	1	1	1		1	1	1	1	1
3	299.5			1	1	2	2	1	1	2	1	1	2	1	1	1	1	1	1		1		1	1	1	1	1	1	1									
7	300		1			1				1				1		1						1		1						1	1	1		2	1	2	3	1
7	301		3	2	1	3	1	1	1	4	1		1	2	2	2	1	1			2		1	3		1	1	2	2	2	1	3	1	2	1	1	3	1
2	301.5					1	1	1	1	1	1		1	1	1	1	1	1			1	1		1		1	1	1	1									
6	302				1	2	1			1	1	1	1	1	1	2		1	1		1	1		2		1	1	1	2	1	1			2	2	1	2	2
4	302.5			1		1	1	1		2	1	1	1	2	1	1	1	1	1		1		1	2	1	1	1	2	2									
3	303		1			1				1												1		1						1	1	2		1	1	2	2	1
4	303.5			1		1	1	1	1	1	1	1	1	2	2	2	1	2	1		1		1	1	1	1	2	2	1									
5	304	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1			1	1	1	1		1	1	1	1	1	1	2	1	2	2	2	2	1
3	304.5			1		2	2	1		2	2	1	1	2	2	2		1	1		1			1		1		1	2									
3	305		1			1				1												1								1	1	1	1	1	1	2	2	1
2	305.5					1	1			1	1	1	1	1	1	1	1	1	1	1	1		1	1	1													
4	306	1	1			1				1	1	1	1	1					1		1		1	1					1			2	1		1	1	1	

NDBs	kHz	AUS TA rw	CAN ON hk	CZE ze	DEU db	DEU hw	DEU mo	DEU mz	DNK hn	ENG ag	ENG bk	ENG ds	ENG me	ENG py	FIN jt	FIN ks	FIN r2	FIN ro	FRA jj	FRA vl	HOL rb	KOR fm	NIR ry	NOR tb	POR bv	SWE bn	SWE ca	SWE tn	SWE wr	USA AZ dp	USA CA dn	USA NC dw	USA NY ji	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu
2	306.5			1		1	1	1						1								1		1				1										
5	307		1			2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1		1	1		1	1	1	2	1	1	3	1	1	1	2	2	1
4	307.5			2		3	3	2	1	2	1	1	2	1	1	2	1	1	1	1	1	1		1		1	1	1	3									
3	308	1		1	1	1	2	1	1	2	2	2	1	2	1	1	1	1		1	2		1	2	1		1	1	1									
1	308.5					1	1			1	1	1	1	1					1	1	1		1															
7	309		2				1			1	1	1	1	1					1	1		1								2	1	3	1	2	2	1	3	2
2	309.5		1			1	1			1	1		1	1		1	1	1	1	1	1		1															
5	310					2	1			2	2	1	2	2					1	1	1	1	1	1					1	2	2	1		2	2	2	2	2
2	310.5			1		1	1	1	1	1	1	1	1	1	1	1		1	1		1	1		1		1	1	1	1									
3	311							1		1	1		1	1	2	1	1	2						1		2	1	1	1	1		1		1	1	1	1	
2	311.5					2	1	1		1	1	1	1	1	1	1	1	1	1	1	1		1	2	1	1	1	1	1									
4	312		1		1	1	1			1	1	1	1	1		1			1	2	1			2						2	1	3	1	1	1	2	2	1
1	312.5					1	1	1		1	1	1	1	1		1			1		1			1				1	1									
5	313		1		1	1		1	1	1	1	1	1	1	1	1		1	1		1	1	1	1		1	1	1	1	2	1	2		2	1	2	2	1
4	313.5			1		1	1	1	1	1	1	1	1	2	1	2	1	2	1	1	1	1		1				1	1									
3	314	1																												1	1	2		1	1	1	1	1
3	314.5			1		2	1	1		1	2	1	1	2	1	3		1	2		2			2		1	1	1	2									
2	315									1	1		1	1							1			1	1					1				1	1		1	1
5	316	1																				2								1	1	2		1	1	1	1	1
4	317		2																			2								2		2	1		1	2	2	1
4	318	1																				1								2	2	2		2	2	1	2	2
5	319		2							1	1											1								1		2	1	1	1	2	3	1
3	320																					1								1	1	1		1	1	1	1	1
2	320.5																					2																
1	321																													1	1	1		1	1	1	1	1
3	322		1																			1								1	1	2	1	1	1	1	1	1
3	323																					1								1	1			2	2			2
1	324		1																													1	1				1	1
1	325																													1	1	1		1	1	1	1	1

MOBs **'Mine Only Beacons'**

The following DGPS Stations were reported by one listener only, not including the reports from Bob on Tasmania and Fred in Korea.

kHz	TX ID	Location	St	ITU	Rptr	UTC
284	#367	La Entallada		CNR	**bv**	02:24
291	#364	Cabo Salou		ESP	**bv**	03:07
298.5	#358	Punta Sabinal		ESP	**bv**	03:52
299.5	#357	Malaga		ESP	**bv**	12:35
302	#972	Miraflores		PNR	**du**	04:15
316	#800	Brunswick, ME	ME	USA	**dw**	06:58
292	#836	Cheboygan, MI	MI	USA	**dw**	03:01
306	#919	Cardinal, ON	ON	CAN	**dw**	08:44
314	#832	Sturgeon Bay, WI	WI	USA	**dw**	07:29
301	#837	Saginaw Bay, MI	MI	USA	**hk**	04:25
295	#939	Partridge Island, NB	NB	CAN	**hk**	01:44
300	#926	Riviere du Loop, QC	QC	CAN	**hk**	04:23
309	#927	Lauzon, QC	QC	CAN	**hk**	04:45
314.5	#009	UNID		XUE	**ks**	17:18
313	#897	Kodiak		ALS	**mc**	13:02
291	#415	Djupivogur		ISL	**tb**	00:27

'TAB's **Trans-Atlantic Beacons**

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

kHz	C/S	Location	Cou	CAN ON hk	DEU hw	ENG ag	ENG bk	ENG me	ENG py	FRA vl	HOL rb	NIR ry	NOR tb	POR bv	SWE wr
288	#942	Cape Ray, NL	CAN		03	01						01	00		
310	#944	Cape Norman, NL	CAN		03	00	04	04	04		04		04		
312	#935	Western Head, NS	CAN							05			03		
315	#940	Cape Race, NL	CAN			00	03	04	04		03		03	05	
319	#936	Point Escuminac, NB	CAN			04	04								
287	#416	Skardhsfjara Lt	ISL	01											01
313	#505	Utsira Lt	NOR	01											
295	#817	Isabela	PTR		04	03	03	04	03	02	04		03		
289	#806	Driver, VA	USA			04							04		
294	#771	New Bern, NC	USA							05			03		
301	#847	Annapolis, MD	USA			04							03		
303	#824	Greensboro, NC	USA		04	04							04		
305	#782	Dandridge, TN	USA		04	04									
309.5	#449	Nash Point	WLS	01											

EQUIPMENT USED

These are the details provided with the reporters' logs (in approx order of arrival!)
NB: A few may have listed all their equipment, not just that used during the CLE.

David Atkins
Receiver(s): Racal 1792 with external GPS freq standard
Antenna(s): AMRAD whip at 6m, Active Loops ALA100
Software: DSC Decoder (1700Hz c/f)

Jean Jacquemin
AOR 7030+ / 300 Hz cw filter
Timewave DSp-599zx
Perseus V1.1
DSC Decoder V 3.8a registered
Miniwhip
ALA 100 indoors (mainly useless...)

Dietmar Birkhahn
RX: Icom IC-R75 with DSP,DRM and KIWA Mods
Antennas:
ALA100 @2m, 2x2m Frame, 3 Turns, 360° turnable
ALA 330S
GPA30 @ 6m

Raimo Karjalainen while at Rantsila
Receiver(s): Eton E1
Antenna(s): pa0rdt-Mini-Whip @ 13 metres
Software: WWSU6.3.6, DSC Decoder

Raimo Karjalainen while at Laukaa
Receiver(s): Drake R8
Antenna(s): pa0rdt-Mini-Whip @ 16 metres
Software: WWSU6.3.6, Argo, Spectran, DSC Decoder

Bo Nensén
SDR-IQ, various Beverages, DSC decoder

Bob Warren
Receiver(s): Siemens D-2155 SLM, Kenwood TS680S & DSP Speaker

Jim Minor
Receiver(s): TS-570SG
Antenna(s): 80/40 Meter dipoles
Software: Argo, Spectran, WWSU 6.3.7, DSCdecoder trial

Kari Syrjänen
Receiver(s): AOR7030
Antenna(s): ALA100, MiniWhips

Fred Mooney
Icom R75 radio,
Active mini-whip antenna in attic,
DSC-Decoder software

Brian Keyte
Receiver: AOR AR7030, 300Hz filter with DSCdecoder 3.8
Aerials: 'SIA' single-turn 7m x 25m passive tuned loops

Mike Thayne
Receiver: Drake SPR4 with 300hz CW filter centre on 650hz and IF notch filter. SEM QRM Eliminator.
Antenna: Miniwhip PA0RDT, AD370, rotatable homemade loop, tuned RF Pre-amp.
Software : DSCdecoder with audio sub carrier set to match rx cw filter at 650hz.

Zdenek Elias
RX: RFT-EKD511
ANT: MiniWhip 13 m up
SW: DSCdecoder 4.1c

Vincent Lecler
(no details given)

Bev M Ewen-Smith
Wet string -> Datong VLF convertor -> RX320 -> DSCdecoder

Dick Palmer
Receiver: ICOM IC-R75
Antenna: Ratzlaff active, base up 13 foot with a 4 foot whip.
DSCdecoder 4.3.6 software

Steve Ratzlaff
R-75 with 250Hz IF filters, 1600' E/W longwire, 400' N/S longwire,
DSCdecoder (trial)

Jarno Fält
Receiver(s): Icom IC-R75, 250Hz cw filter, 6/30Hz audio filter
Antenna(s): pa0rdt-Mini-Whip @10 meters, Aldo's LW-MW Loop
Software: Spectrum Lab, DSCdecoder

Don Ward
USRP/LFRX; homebrew filter/preamp; homemade radio and DGPS decoder software using GNU Radio; 2x 270 ft. longwires.

Tjærand S.Bauge
1x1m loop - R75/FL-101/USB/1700 Hz - Timewave/220Hz - DSCdecoder 4.5 w/scripts.

Mark Moulding
Receiver(s): R-75, Ratzlaff Audio Filter, DSP-599zx, SDR-IQ
Antenna(s): WellBrook LFL-1010 Loop
Software: ARGO, NAVTEX, SeaTTY, DSCdecoder, Spectravue

Torbjorn Ericson
Receiver: SRT CR-91
Antenna: Wellbrook ALA-1530, Pa0rdt MiniWhip, both on the roof
Spectrum Lab + DSCdecoder (demo)

Peter Conway
WiNRADiO G313i V2.63 / Winrad V1.31
8/16 hz audio filters - paordt circuit
ALA1530 rotateable loop - 1m above ground

Mini-whip by pa0rdt - 6m above ground
EWE Antenna at 240 degrees
WWSU 6.3.7 / NDB Weblog 1.1.25 / SeaTTY V2.0 / NAVTEXview V1.0
Spectran V2.0 / DSCdecoder 4.3.5 / SkySweeper V4.10 / NDBfinder 2.5

Al Burzynski
Receiver: Icom R75
Antenna: 4-1/2 foot loop
Software: Spectran, DSCdecoder, WWSU

Matthias Zwoch
rx= Perseus, SDR-IQ
ant= ALA1530+MiniWhip into Quantum phaser
audio=Timewave 599zx + homebrewed filters

Douglas Springfield
Receiver(s): Perseus, DSP-599zx, audio filters
Antenna(s): Wellbrook K9AY
Software: Spectran, WWSU, RNA, Excel, DSCdecoder

Don Tomkinson
2x R-75 w/250Hz R-71A w/250Hz R-70
SPM30 SR-AF & LPF DSP599zx MFJ-784B
HD-1418 AF-1 MSB-1 2x190' wires
2x PA0RDT Mini-Whip 10 meter ½ wave vert
HK2513/Diamond D-130 Discone 25'

Roelof Bakker
Receiver: PERSEUS DSR
Aerial: pa0rdt-mini-whip, 5 metre up a magnolia tree, main antenna
Home made rotatable active loop Ø 1 metre
Home made phasing system
Software: DSC-Decoder

Hartmut Wolff
Rx: homemade SDRs, Perseus SDR, homemade preselector
Antenna: K9AY Loops - different versions
Software: DSC-decoder

Christian Arvidsson
Receiver(s): Icom IC-706mkIIG
Antenna(s): ALA1530

Michael Oexner
RX: ICOM R75, SDR-IQ in CW mode with 500 Hz pitch.
Bandwidths were 250 Hz for 100 Bd signals and 400 Hz for 200 Bd signals.
Antenna: Wellbrook ALA 1530, Mini-Whip
DSCdecoder

Henrik Nielsen
Receiver(s): WiNRADiO G313e/180; AR-7030 Plus; AR-5000DxEuro
Antenna(s): ALA-1530
Software: SeaTTY; SkySweeper; DSCDecoder; sr5; SIGINT Harvester

Willi Reppel
Antenna: Giant loop 2.5 m diameter, tuned and turneable, with direction finder.
Receiver: Flex Radio SDR1000 software radio with separate low pass filter.
Software: Power SDR version 1.12.1 . COAA DGPS decoder,version 3.8a

Herb and Kelly Balfour:
Receiver(s): ICOM 756 PRO3; P5 Laptop
Antenna(s): Ratzlaff modified LFE LF loop
Software: DSCDecoder 4.4; MultiPSK 4.10; WWSU6.3.7a

Mark McCarthy
R75 CW mode with both 250 Hz filters

Timewave DSP-599zx shifting 500 Hz to 1700 Hz at a BW of 350 Hz
Ratzlaff Active Whip
Kiwa LP filter
DSCdecoder version 4.5

Alan Gale
AOR7030+ Receiver with 125 Hz INRAD CW IF Filter, Timewave DSP-599zx, MFJ-784B, PA0RDT Narrow Bandwidth Audio Filter, Wellbrook ALA100 + 1530 Loops, Inverted L with Wellbrook UMB, PA0RDT Micro-Whip, Datong AD370 Active Antenna, Phasing Unit, SEM QRM Eliminator
Software: DSCdecoder 4.5.1

Robert Connolly
Receiver: NRD 525
Antenna Datong AD370 active dipole vertically polarised.
DSC Decoder, Skysweeper

CLE108dgps5.xls
bk 3 Sept 2008