

**NDB LIST CLE No. 73 'FLIGHT TO THE NORTH' 25-29 December 2005, midday - midday local time**

**COMBINED RESULTS**

For a general description of the results, please see the covering email.

**Reporters:**

DEU	<b>mz</b>	Matthias Zwoch, Arnsdorf, Nr.Dresden
ENG	<b>bk</b>	Brian Keyte, Bookham, Surrey
ENG	<b>b2</b>	Brian Keyte, while at Wootton Wawen, Warwickshire
HOL	<b>rb</b>	Roelof Bakker, Zeeland, SW Netherlands
HOL	<b>r2</b>	Roelof Bakker, Zeeland, SW Netherlands
NIR	<b>ry</b>	Robert Connolly, Kilkeel
USA	AZ	<b>dp</b> Dick Palmer, Green Valley
USA	CA	<b>ml</b> Mike Silvers, Daly City
USA	CO	<b>jh</b> Jim Smith, 14 m east of Kiowa
USA	OR	<b>jw</b> Jack Woods, Waldport, Oregon coast
USA	OR	<b>sr</b> Steve Ratzlaff, Elgin, NE Oregon

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 ( [brian@keyteb.freemove.co.uk](mailto:brian@keyteb.freemove.co.uk) )

**Beacons are shown in North-to-South order, most northerly at the top.**

The coloured bars therefore generally show the routes taken, from bottom to top.

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

(e.g. 10 indicates logged between 10:00-10:59 UTC)

Times shown in **bold** indicate the start and end points.

First, the **Flight Statistics**:

(Most Europe logs, but not all, used km, most Others, but not all, used miles. So I converted all Europe to km, all Others to miles)

	DEU mz	ENG bk	ENG b2	HOL rb	HOL r2	NIR ry		USA AZ dp	USA CA ml	USA CO jh	USA OR jw	USA OR sr
(km or mile):	km	km	km	km	km	km		mile	mile	mile	mile	mile
<b>Start-to-Finish distance:</b>	1839	2224	1587	4611	2232	2308		2567	1606	2271	1354	2176
<b>Total Flight distance:</b>	2855	2535	1878	10200	5705	2842		2724	1828	2633	1559	3337
<b>Directness:</b>	64%	88%	85%	45%	39%	81%		94%	88%	86%	87%	65%
<b>Longest Leg:</b>	285	303	459	3520	715	452		534	391	455	253	624
<b>Shortest Leg:</b>	35	85	122	50	34	66		58	134	102	93	161
<b>Average Leg:</b>	143	181	235	785	272	219		170	229	203	173	334
<b>No.of legs:</b>	20	14	8	13	21	13		16	8	13	9	10

Cou	kHz	Call	Location	Lat.	DEU mz	ENG bk	ENG b2	HOL rb	HOL r2	NIR ry				
CAN	305	LT	Alert, NU	83				10						
				82.53										
				81										
				80										
				79										
				78										
				77										
				76										
				75										
				74										
JMY	362	JAN	Jan Mayen	70.96				4	13					
				NOR					345		BNK	Banak	70.07	0
													69	

CAN	378	UX	Hall Beach, NU	68.77					4		
FIN	432	AKU	Ivalo	68.68							1
NOR	365	ODD	Harstad Odden	68.4							0
NOR	299.5	KN	Svolvaer Skrova	68.15					19		0
NOR	374	FLV	Bodo Fleinvaer	67.16					19		0
FIN	357	R	Rovaniemi	66.58	22						
FIN	377	PA	Rovaniemi	66.47		20					
NOR	414	HD	Sandnessjoen Hestad	66.06					19		
FIN	373	KEM	Kemi Tornio	65.85		15					
FIN	324	AS	Kemi Tornio	65.68	21						
NOR	360	ULV	Bronnoysund Ulvingen	65.63							0
ISL	305.7	DA	Dalatangi Is.	65.27			21			13	
FIN	290	TP	Oulu	64.88	21	15					
ISL	360	SL	Svinafell	64.38						13	
FIN	337	KAJ	Kajaani	64.27	21						
ISL	392	KF	Keflavik	63.99						13	
NOR	349	TAR	Orland Tarva	63.83					19		
FIN	388	KRU	Kokkola Kruunupyy	63.79		15					
NOR	366	UTH	Orland Uthaug	63.72							0
ISL	375	VM	Vestmannaeyjar	63.4						13	
FIN	387	JL	Kuopio	63.08	21						
NOR	393	TAT	Molde Tautra	62.68							0
FRO	337	MY	Myggenaes	62.11			21				
FRO	404	NL	Nolso	61.96						13	
FIN	346	MI	Mikkeli	61.71	21						
FIN	341	POR	Pori	61.51		15					
FRO	381	AB	Akraberg	61.39						13	
NOR	404	VNG	Vangsnes	61.17							0
NOR	371	HAA	Hamar	60.82					19		
FIN	396	HYV	Hyvinkaa	60.55	21						
FIN	361	LIE	Turku Lieto	60.52	21						
SHE	315.5	SS	Scatsta	60.46			21				
FIN	381	ESP	Helsinki Espoo	60.25	21						

FIN	392	GDY	Mariehamn Godby	60.19		15				
SWE	370	OHT	Stockholm Arlanda	59.57	21	15				
NOR	275	VG	Haugesund Vage	59.28						0
NOR	389	MR	Skien Myra	59.27				18		
NOR	319	VAR	Stavanger Varhaug	58.63						0
SWE	324	ON	Norrkoping Kungsangen	58.59		15				
SCT	344	WCK	Wick	58.45			21		12	
SWE	300	SC	Linkoping Saab	58.43	21					
SWE	405	AV	Goteborg Save	57.74				18		
SCT	383	SHD	Scotstown Head	57.56			21		12	0
SWE	336	LT	Halmstad	56.8		15				
SCT	394	DND	Dundee	56.46			21			
SWE	363	OEM	Kristianstad Everod	55.99	21					
SCT	341	EDN	Edinburgh	55.98					12	
SCT	331	GLW	Glasgow	55.87						0
DNK	368	RK	Copenhagen Roskilde	55.62	21					
DNK	400.5	EJ	Esbjerg	55.55		15		17		
DNK	423	FE	Odense	55.52	21					
SCT	399	NGY	New Galloway	55.18			19		12	
ENG	328	CL	Carlisle	54.94					12	
NIR	420	HB	Belfast City	54.62						0
DEU	353	KIL	Kiel Holtenau	54.38	21					
ENG	420	BPL	Blackpool	53.77			19			
DEU	350.5	FU	Hamburg West	53.62	20					
DEU	345	EMD	Emden	53.4				17		
ENG	349.5	LPL	Liverpool	53.34					12	
IRL	378	KLY	Killiney	53.27					12	
HOL	342	GG	Groningen Eelde	53.13		15				
HOL	315	STK	Stadskanaal	53				17		
WLS	323	WPL	Welshpool	52.63					12	
ENG	356	WBA	Wolverhampton	52.52					12	
DEU	320	HA	Hannover East	52.47	20					
ENG	406	BHX	Birmingham	52.46					12	

IRL	387	CML	Clonmel	52.45						12
ENG	363.5	CT	Coventry	52.41			19			12
HOL	388.5	CH	Amsterdam Schipol	52.22		15				
ENG	332.5	CAM	Cambridge	52.21						12
ENG	331	GST	Gloucestershire	51.89						12
HOL	386	STD	Stad Haringvliet	51.74				17		12
DEU	349	KSL	Kassel	51.47	20					
ENG	348	FOS	Fairoaks	51.35		15				
ENG	347	MTN	Manston	51.34		15				
BEL	399.5	ONO	Oostende	51.22		15				
DEU	374	FS	Dresden	51.2	20					
DEU	330	ABU	Altenburg Nobitz	51	20					
DEU	425	ERT	Erfurt	50.99	20					
				49						
Cou	kHz	Call	Location	Lat.	DEU mz	ENG bk	ENG b2	HOL rb	HOL r2	NIR ry

Radio Country	kHz	Call	Location	Lat.	USA AZ dp	USA CA ml	USA CO jh	USA OR jw	USA OR sr
				70					
CAN	NU	245	CB	Cambridge Bay	69.11	4			
CAN	NT	254	EV	Inuvik	68.33		1		2
CAN	NU	372	YCO	Kugluktuk / Coppermine	67.81				2
				66					
CAN	NT	205	YWO	Lupin	65.75				2
				64					
CAN	YT	365	MA	Mayo	63.63			5	
CAN	NT	222	WY	Wrigley	63.22		1		2

CAN	NT	356	ZF	Yellowknife	62.42	4		1		
CAN	YT	341	DB	Burwash	61.33				5	
CAN	NT	274	FR	Fort Resolution	61.15			0		
CAN	YT	302	XY	Whitehorse	60.77				5	
CAN	NT	254	SM	Fort Smith	59.97	4		0		2
CAN	BC	260	YSQ	Atlin	59.63		7		5	
CAN	AB	239	OJ	High Level	58.55					2
				57						
CAN	AB	388	MM	Fort McMurray	56.65	4				
CAN	SK	410	6Z	La Loche	56.48			0		
ALS		529	SQM	Level Island	56.46				4	
CAN	AB	287	PE	Peace River	56.2					2
				55						
CAN	AB	272	YLB	Lac La Biche	54.75			0		
CAN	BC	218	PR	Prince Rupert	54.27		6			
CAN	AB	266	XD	Edmonton	53.65	4				
CAN	SK	347	PA	Prince Albert	53.22			0		
CAN	BC	368	ZP	Sandspit	53.2				4	
CAN	AB	261	7J	Forestburg	52.58					2
CAN	BC	200	UAB	Anahim Lake	52.38		5			
CAN	AB	320	YQF	Red Deer	52.13	4				
				51						
CAN	BC	242	ZT	Port Hardy, Vancouver Is	50.7				4	
CAN	SK	219	ZRS	Regina	50.49			0		
CAN	BC	257	LW	Kelowna	50.07		5			
CAN	BC	400	QQ	Comox	49.75				4	
CAN	AB	248	QL	Lethbridge	49.6	4				2
USA	MT	347	SBX	Shelby	48.54	2				
USA	MT	414	LYI	Libby	48.3					2
USA	MT	339	MKR	Glasgow	48.21			0		
USA	MT	371	ITU	Great Falls	47.37	2				
USA	WA	348	MNC	Shelton	47.25				4	
USA	WA	408	MW	Moses Lake	47.12		4			

				46						
USA	OR	332	IA	Portland	45.54				4	
USA	MT	335	BDX	Broadus	45.44			0		
USA	OR	296	LGD	La Grande	45.37					1
USA	MT	286	EKS	Ennis	45.27	2				
USA	OR	411	RD	Redmond	44.31		3			
				43						
USA	ID	383	PI	Pocatello	42.96	2				
USA	WY	375	CP	Casper	42.91			0		
USA	OR	347	LFA	Klamath Falls	41.99		3			
USA	WY	353	CY	Cheyenne	41.15			0		
USA	UT	284	DPG	Dugway Proving Ground	40.18	1				
USA	CA	338	PBT	Red Bluff	40.11		3			
USA	CO	260	AP	Denver	39.45			0		
				38						
USA	UT	217	EC	Cedar City	37.79	1				
USA	CA	379	SF	San Francisco	37.57		3			
USA	AZ	403	AZC	Colorado City	36.96	1				
USA	AZ	379	PUU	Flagstaff	35.14	1				
				34						
USA	AZ	407	CHD	Chandler	33.27	1				
USA	AZ	338	RYN	Tucson	32.14	1				
				31						
Radio Country	kHz	Call	Location	Lat.	USA AZ dp	USA CA ml	USA CO jh	USA OR jw	USA OR sr	