

**LATERAL AND VERTICAL NAVIGATIONAL ERRORS REPORTED TO THE NAT CENTRAL MONITORING AGENCY
(De-identified)**

October 2007 reported NAT occurrences

1. Large Height Deviations (300ft or greater)

REF No	REP BY	DATE	TYPE	OTS/RAN	FLIGHT CLD	LEVELS FINAL	HEIGHT DEVIATION	CAUSE	SOURCE OF REPORT
H/07/10/1	Gander	01-Oct-07	B741	RAN E	350	346	-400	Unable maintain cleared flight level	ACC
H/07/10/3	Shanwick	09-Oct-07	CL60	OTS E	320	380	6000	Climbed without clearance	ACC
H/07/10/4	Shanwick	09-Oct-07	CL60	OTS E	320	320	0	Descended without clearance	ACC
H/07/10/5	Shanwick	12-Oct-07	A333	OTS W	340	360	2000	Entered Oceanic Airspace at Uncleared Level	ACC
H/07/10/6	Gander	21-Oct-07	B738	OTS E	340	355	1500	Severe turbulence	ACC
H/07/10/7	Shanwick	25-Oct-07	B772	RAN E	370	362	-800	Failed to comply with restriction in clearance	ACC

NOTES:

1 TIME – TIME AT UNCLEARED LEVEL. OTS/RAN DENOTES WHETHER OCCURRED WITHIN ORGANISED TRACK SYSTEM OR ON RANDOM ROUTE.

October 2007 reported NAT occurrences

2. Gross Navigation Errors (25nm or greater cross-track error) (Not risk-bearing)

MONITORING REF. NUMBER	OBSERVED BY ACC	DATE	AIRCRAFT TYPE	FLIGHT LEVEL	TRACK DEVIATION (X TRACK)	OTS /RAN	REMARKS
B/07/10/1	Shanwick	18-Oct-07	B763	360	60	RAN W	Wrong Information
B/07/10/3	Santa Maria	25-Oct-07	A346	350	50	RAN W	Waypoint Insertion

NOTE: OTS/RAN DENOTES WHETHER OCCURRED WITHIN ORGANISED TRACK SYSTEM OR ON RANDOM ROUTE.

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3. Lateral deviations of less than 25nm

MONITORING REF. NUMBER	OBSERVED BY ACC	DATE	AIRCRAFT TYPE	FLIGHT LEVEL	TRACK DEVIATION (X TRACK)	OTS /RAN	REMARKS
L/07/10/3	Reykjavik	01-Oct-07	LJ35	340	20	RAN W	Cleared RATSU OTRON F340 observed at 6237N014W 20nm N of track.
L/07/10/1	Shanwick	04-Oct-07	B772	370	10	RAN E	Cleared 48/15 OMOKO GUNSO observed by Shannon radar 10nm N of track routing 48/15 DCT GUNSO
L/07/10/2	Shanwick	08-Oct-07	A320	330	6	OTS W	Reported at GOMUP routing to 60/20 61/30 iso 59/20 59/30 (Followed flight plan iso clearance)
L/07/10/4	Shanwick	19-Oct-07	B772	340	7	RAN W	Cleared GOMUP 61/20 61/30 Reported GOMUP 60/20 63/30 (7nm error when corrected). Followed flight plan iso clearance)

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4. ATC Interventions to Prevent Gross Navigation Errors

OTS/RAN DENOTES WHETHER OCCURRED WITHIN ORGANISED TRACK SYSTEM OR ON RANDOM ROUTE.. "ISO" = INSTEAD OF.

Serial	Date	Reported By	Type	Details
I/07/10/1	03-Oct-07	Shanwick	B744	W/B RAN F320 cleared 47/15 46/20 46/30 reported 47/15 46/20 45/30 (Crew error - followed flight plan iso clearance)
I/07/10/3	04-Oct-07	Gander	B772	E/B RAN cleared 58/40 58/30 56/20 reported 58/40 58/30 57/20 (Crew error - followed flight plan iso clearance).
I/07/10/4	09-Oct-07	Shanwick	B763	E/B OTS cleared 47/20 48/15 ETIKI REGHI reported 47/20 48/15 OMOKO (Incorrect route issued by New York)
I/07/10/5	15-Oct-07	Shanwick	A343	E/B RAN F370 reported at 20W routing to wrong position after PASAS. Followed flight plan iso clearance.
I/07/10/6	16-Oct-07	Gander	MD11	E/B RAN cleared 44/50 48/40 49/30 reported 44/50 48/40 51/30 (Followed flight plan iso clearance).
I/07/10/10	20-Oct-07	Reykjavik	F2TH	W/B RAN F300 reported at EMBLA routing to wrong position after 63/30 and at M078 iso M080 as cleared.
I/07/10/7	20-Oct-07	Shanwick	B744	E/B OTS cleared 49/30 50/20 SOMAX KENUK reported 49/30 50/20 BEDRA. (Followed flight plan iso clearance).
I/07/10/9	21-Oct-07	Reykjavik/Shanwick	B763	W/B RAN F370 cleared 64/40 63/50 60/60 KENRI LAKES. Reported to Reykjavik at 40W routing 63/50 59/60 per reclearance from Shanwick that had not been passed to Reykjavik.ATC Co-ordination Error.
I/07/10/8	21-Oct-07	Shanwick	A346	E/B RAN cleared 47/30 46/20 HIDRA. Reported 47/30 46/20 PASAS (followed flight plan iso clearance).
I/07/10/11	23-Oct-07	Gander	B772	W/B RAN reported at 46/30 routing to wrong position after 46/40.
I/07/10/12	28-Oct-07	Shanwick	A343	E/B RAN cleared 47/30 46/20 KOPAS reported 47/30 46/20 PASAS (Followed flight plan iso clearance).
I/07/10/13	28-Oct-07	Gander	B763	W/B RAN cleared 49/30 47/40 46/50 URTAK BANCS. Reported 49/30 47/40 45/50. (Followed flight plan iso clearance).

NORTH ATLANTIC NAVIGATIONAL AND HEIGHT-KEEPING ERRORS

Reported to the North Atlantic Central Monitoring Agency

(De-identified data)