

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

**April 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	REMARKS	RVSM LEVELS CROSSED	TIME <sup>1</sup>
H/07/4/1	Shanwick/Santa Maria	09-Apr-07	A332	RAN W	300	340	4000	ATC Co-ordination error	ACC	Co-ordinated Shanwick/SM at FL300. Shanwick climbed a/c to FL340 without prior co-ordination with SM. Resolved before boundary.	0	0
H/07/4/2	Shanwick/Brest	14-Apr-07	B773	RAN E	350	340	-1000	ATC Co-ordination error	ACC	Co-ordinated Shanwick/Brest FL350 routing HIDRA PITAX SIVIR. Descended by Madrid F340 between HIDRA and PITAX without co-ordination with Shanwick.	0	1
H/07/4/3	Gander	22-Apr-07	PA44	RAN E	090	150	6000	Climbed without clearance	ACC	Icing conditions - climbed initially to F110 then further to F150. No HF carried - communication via relay.	0	(18)

NOTES:

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

**April 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
C/07/4/1	Gander	19-Apr-07	P180	280	35	RAN W	Wrong Information

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

<sup>1</sup> Time spent at wrong level (min)

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

**3. Lateral navigation errors of less than 25nm**

---

<b>MONITORING REF. NUMBER</b>	<b>OBSERVED BY ACC</b>	<b>DATE</b>	<b>AIRCRAFT TYPE</b>	<b>FLIGHT LEVEL</b>	<b>TRACK DEVIATION (X TRACK)</b>	<b>OTS /RAN</b>	<b>REMARKS</b>
L/07/4/1	Reykjavik	28-Apr-07	GLF2	400	8	RAN W	Cleared FLOSI 64/30. After FLOSI a/c observed to turn L 90 degrees towards 60/30. Waypoint insertion error.

---

***NORTH ATLANTIC NAVIGATIONAL AND HEIGHT-KEEPING ERRORS***  
*Reported to the North Atlantic Central Monitoring Agency*  
*(De-identified data)*

***4. ATC Interventions to Prevent Gross Navigation Errors***

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

<b>Serial</b>	<b>Date</b>	<b>Reported By</b>	<b>Type</b>	<b>Details</b>
I/07/4/1	04-Apr-07	Shanwick	B773	RAN W reported at BEDRA routing to wrong position at 30W
I/07/4/2	08-Apr-07	Shanwick	C17	RAN E reported at 20W routing to wrong position after RESNO (Crew error)
I/07/4/3	29-Apr-07	Shanwick	B744	E/B RAN cleared 52/20 LIMRI DOLIP. Reported 52/20 LIMRI GIPER. (Crew error- followed flight plan iso clearance).