

NAAMES Mission C-130 Flight Report

From: CYYT

To: CYYT

Start: 05/20/16 08:50Z

Finish: 05/20/16 17:35Z

Flight Time: 8.7 hours

Log Number: 161008

PI: Mike Behrenfeld

Funding Source: Paula Bontempi - NASA - SMD - ESD Ocean Biology and Biogeochemistry

Official Flight Report Logged At:

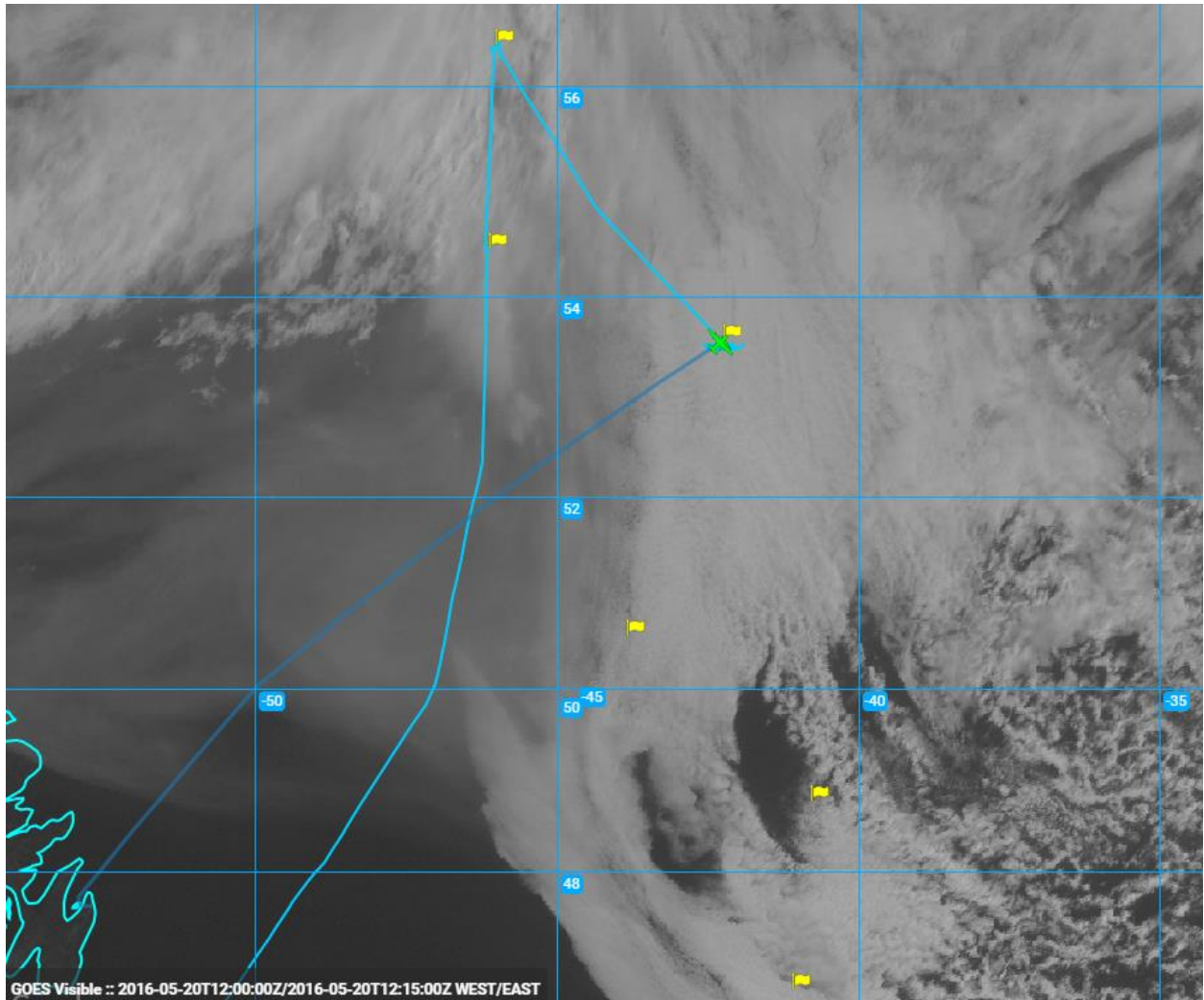
https://airbornescience.nasa.gov/flight_reports/C-130H_Hercules_439_05_20_16

Flight Hour Summary:

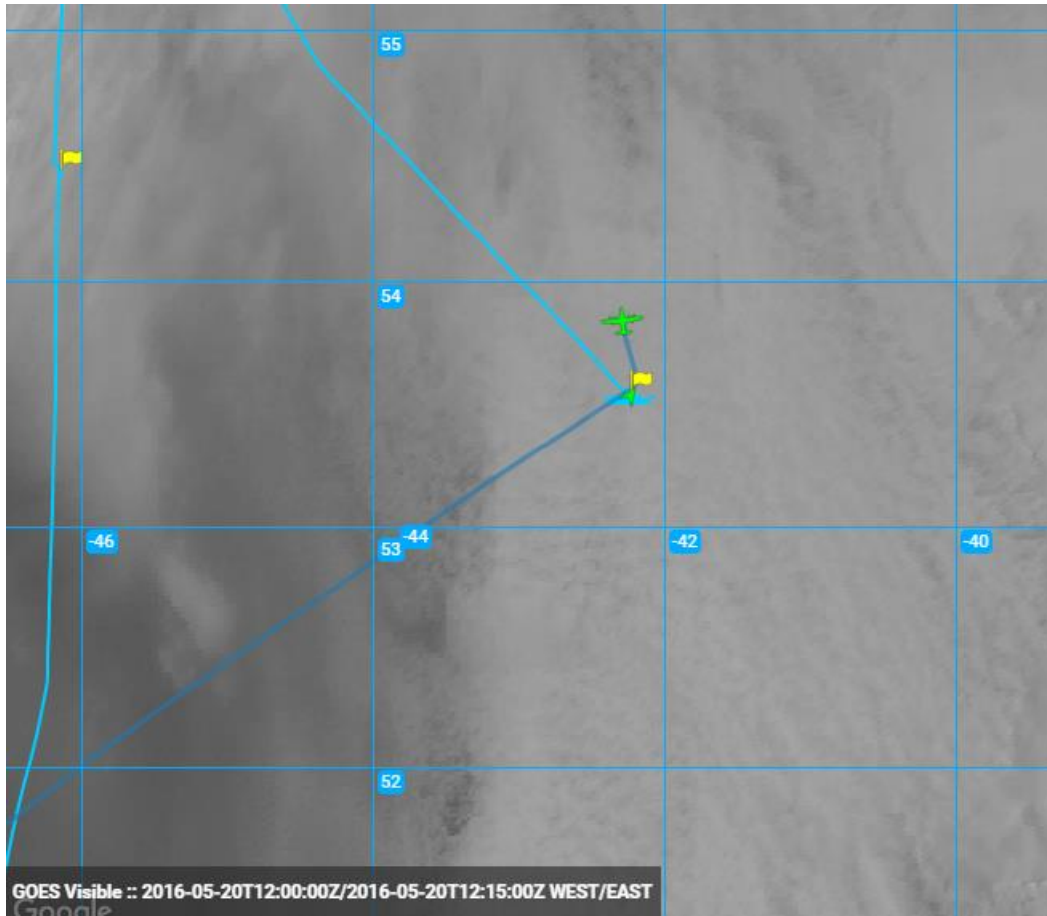
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
04/08/16	NAAMES Langley Transit	Ferry	1	1	69
05/12/16	NAAMES Airworthiness Test Flight	Check	0.9	1.9	68.1
05/13/16	NAAMES Project Test Flight/Transit	Transit	8.4	10.3	59.7
05/18/16	NAAMES Science Flight #1	Science	10.7	21	49
05/19/16	NAAMES Science Flight #2	Science	9.1	30.1	39.9
05/20/16	NAAMES Science Flight #3	Science	8.7	38.8	31.2

Comments:

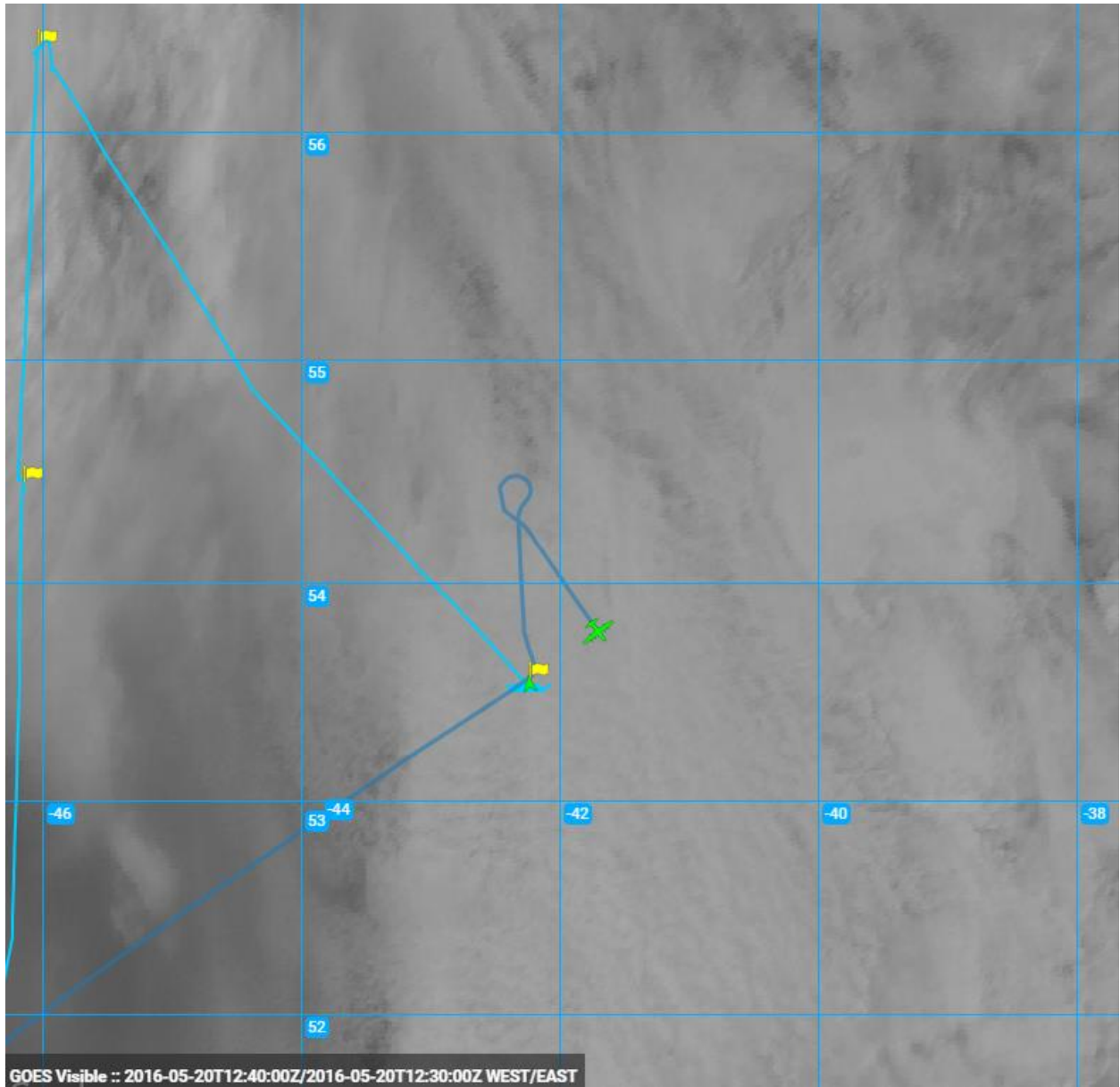
Real-time GOES imagery with overlaid ship, aircraft, and CALIPSO trajectories.



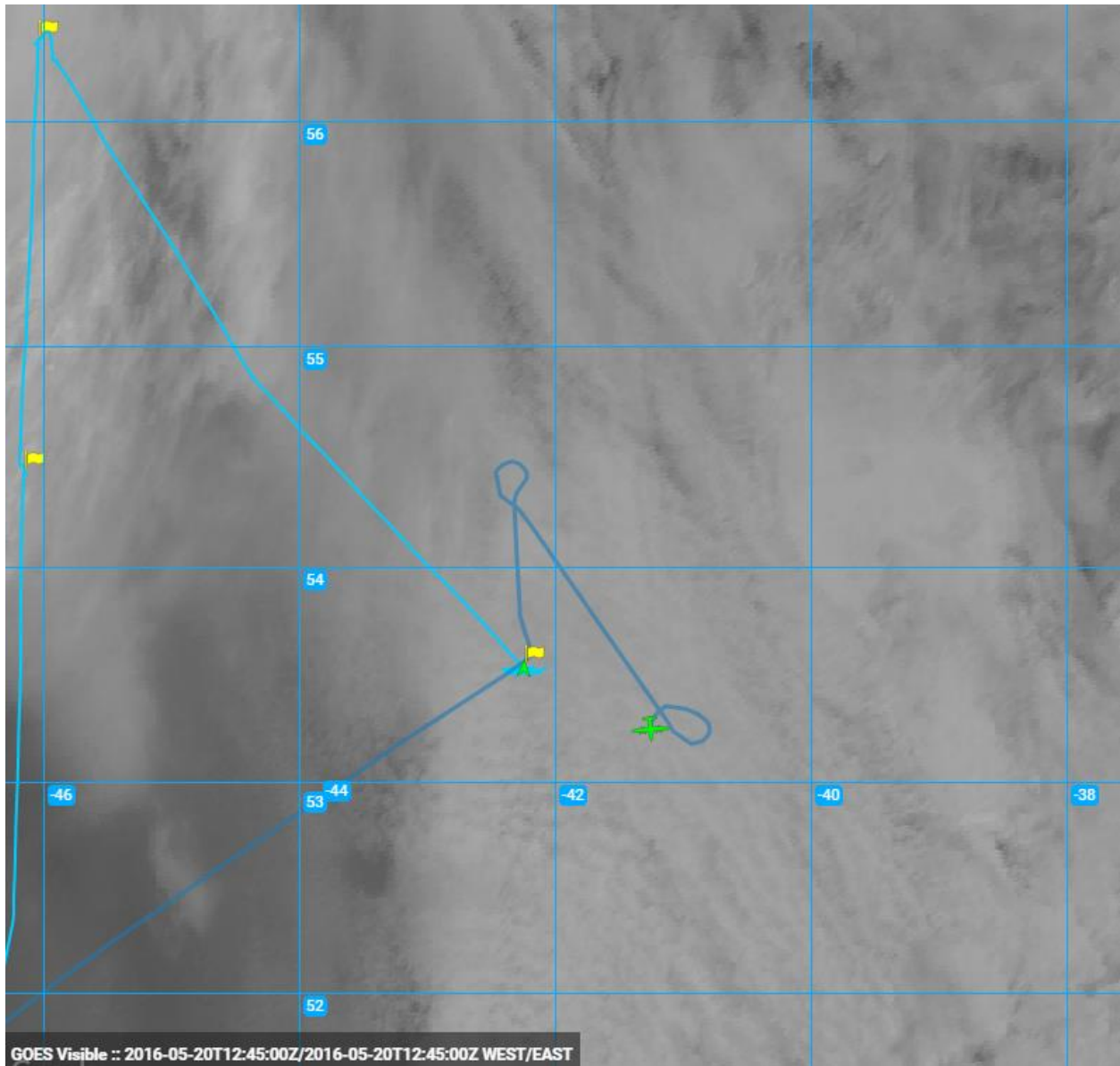
1225Z_ApproachingShip



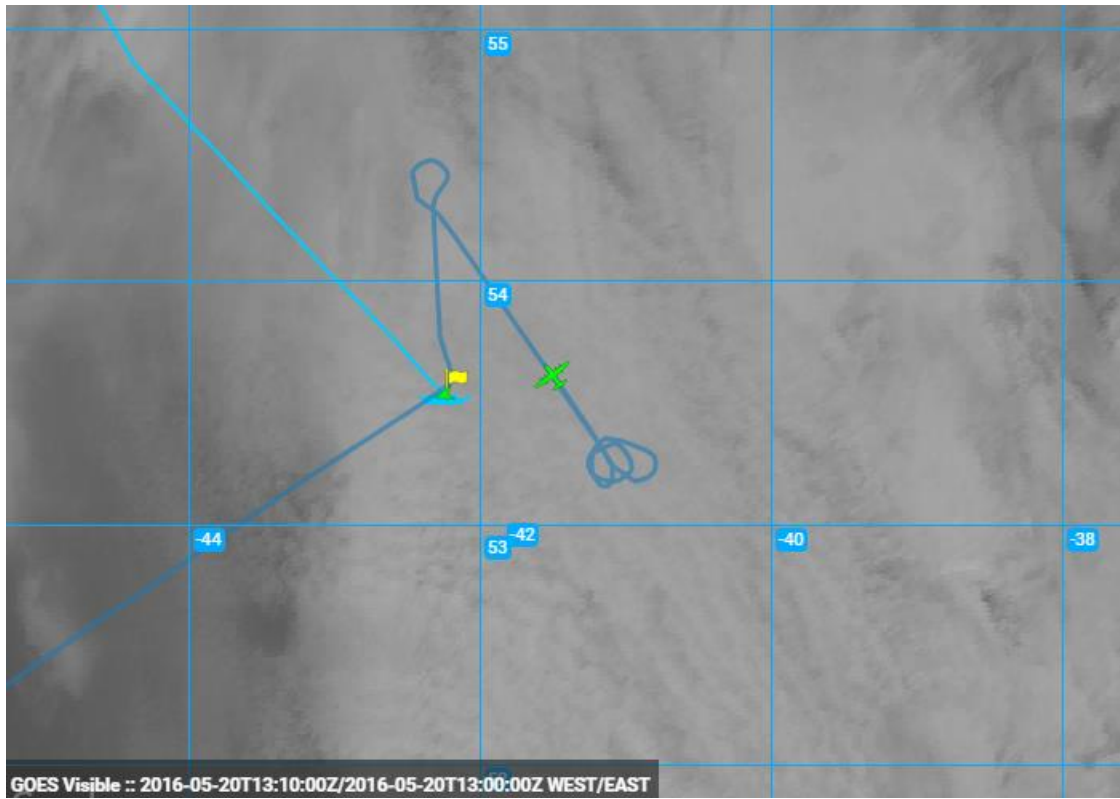
1230Z_StartingZpattern



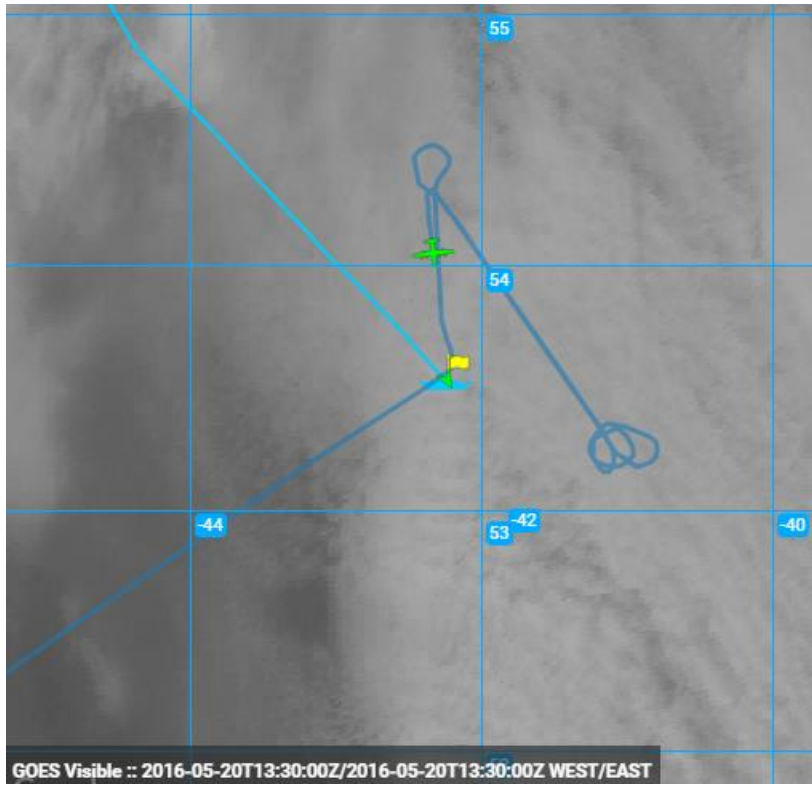
1250Z_NorthernZpatternLeg



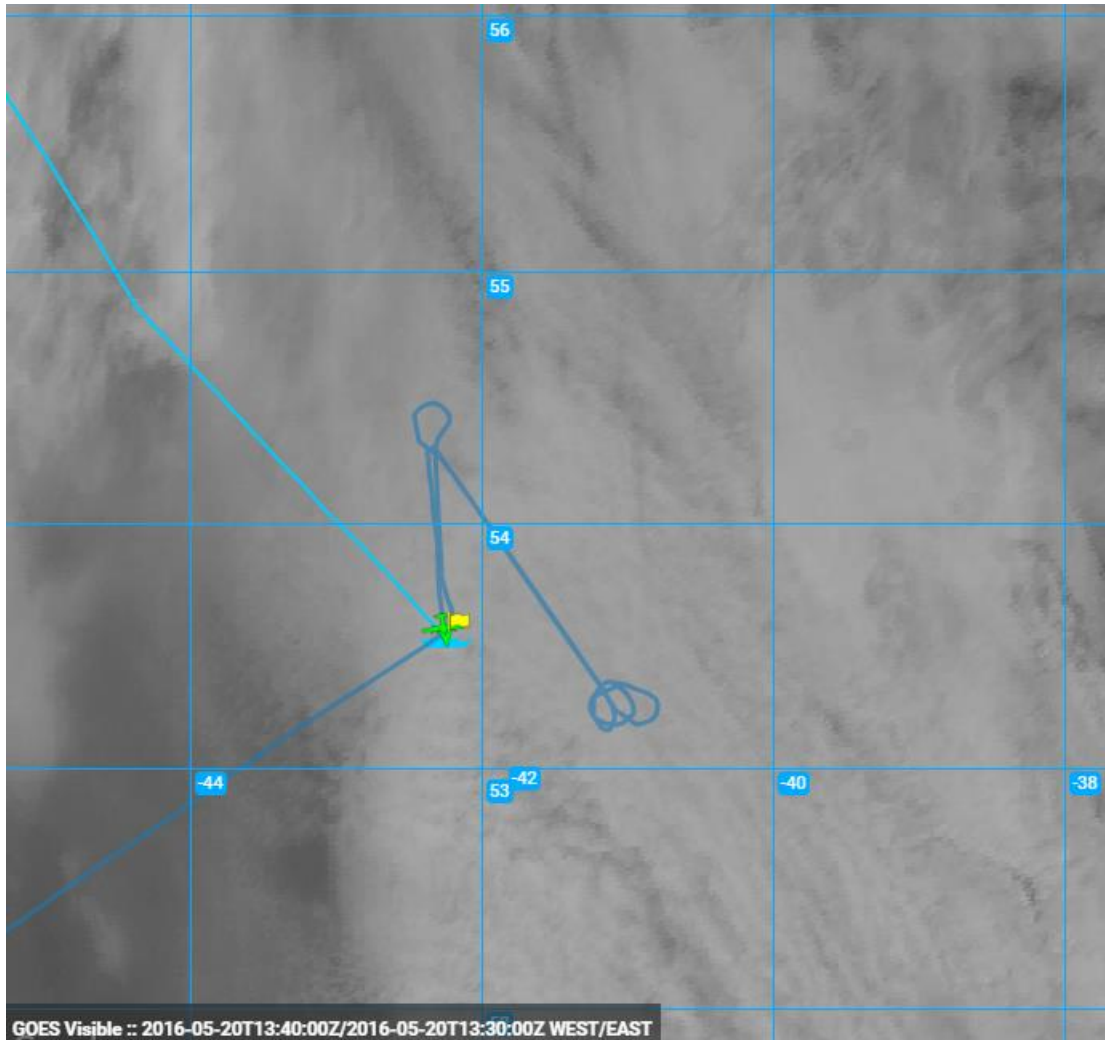
1305Z_NorthernZpatternLeg



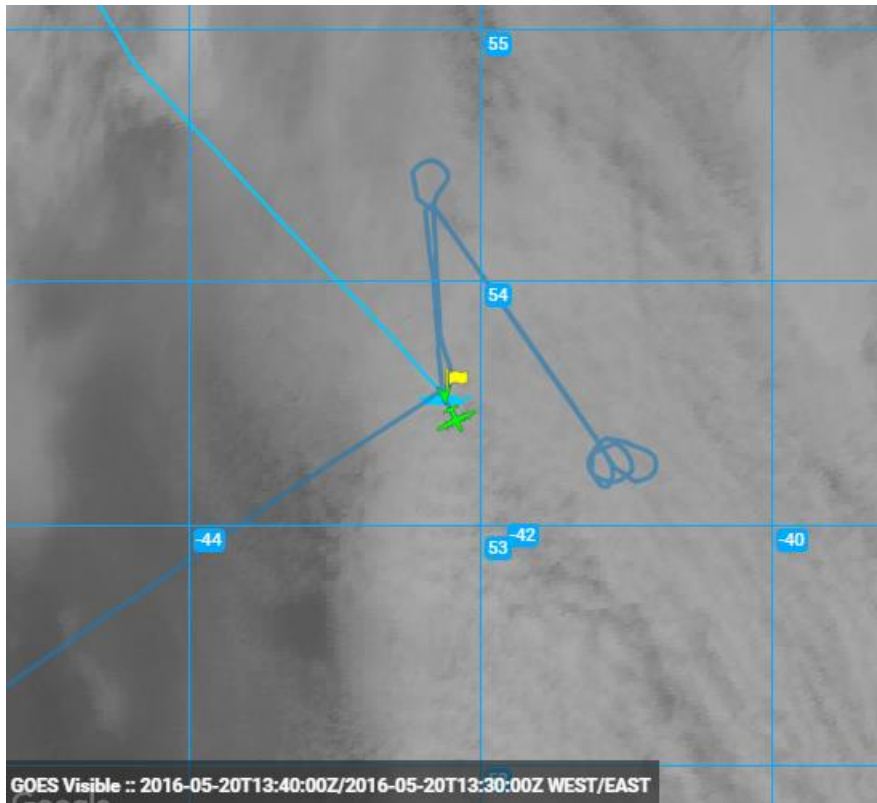
1325Z_NorthernZpatternLegLowLevel



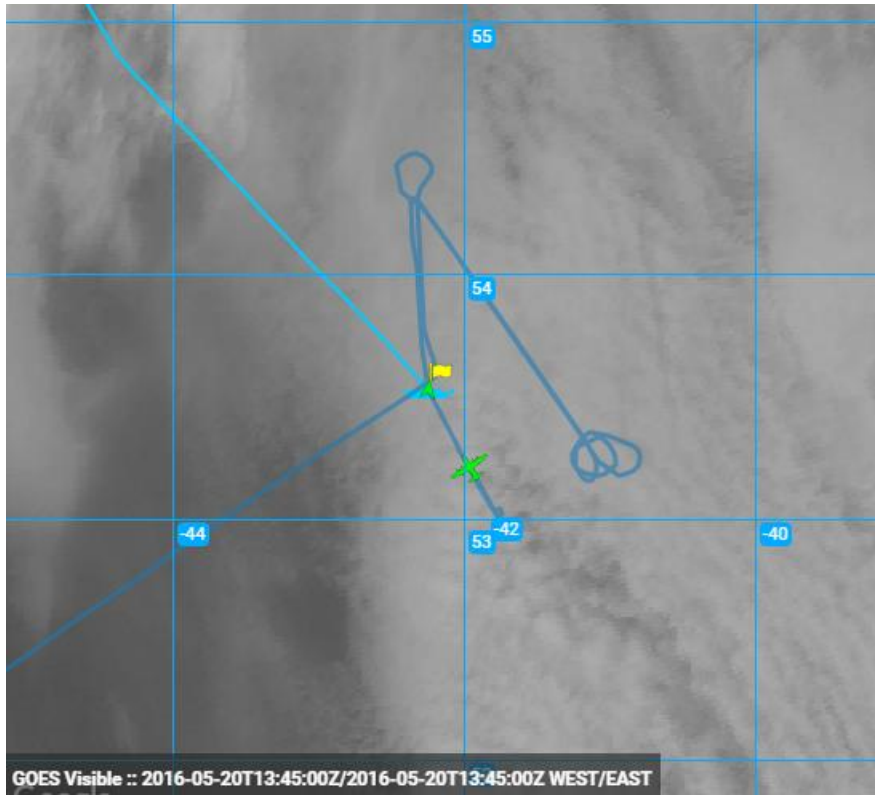
1340Z_NorthernZpatternLegLowLevel



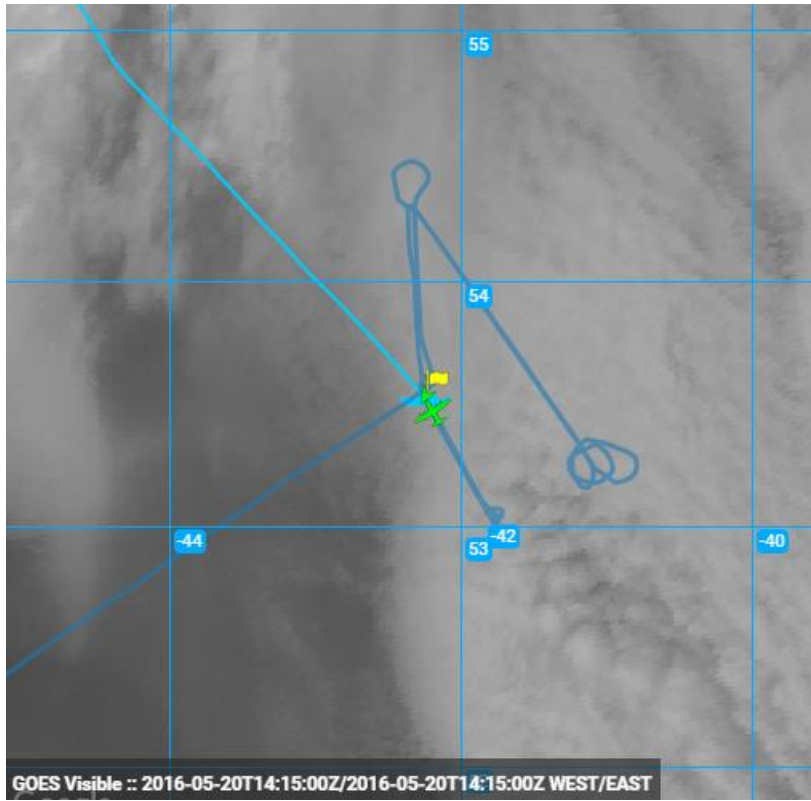
1350Z_LowLevelAtShip



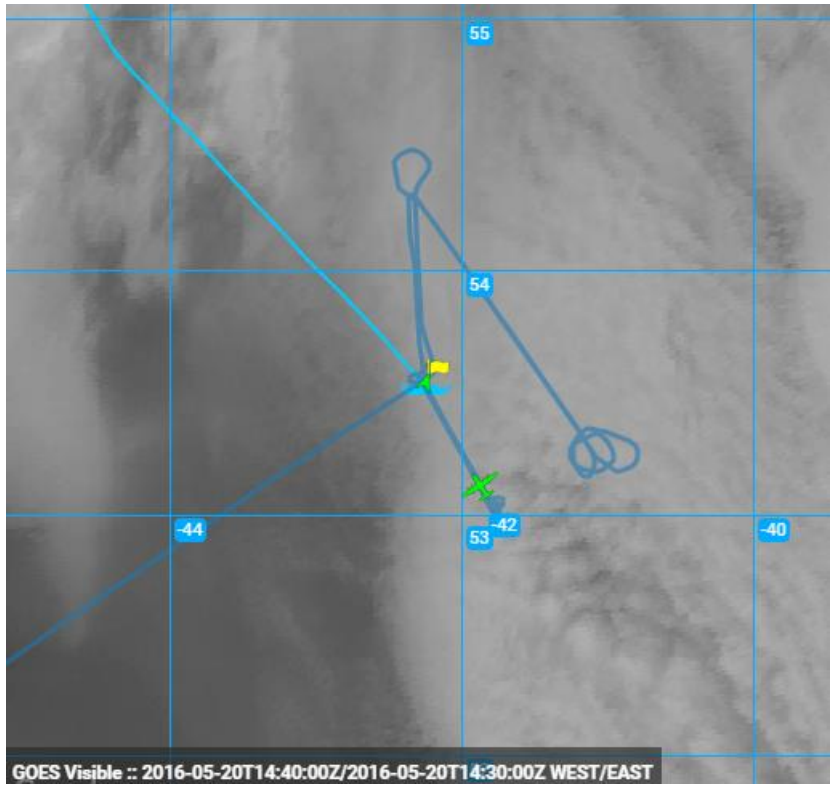
1352Z_StartingCloudModule



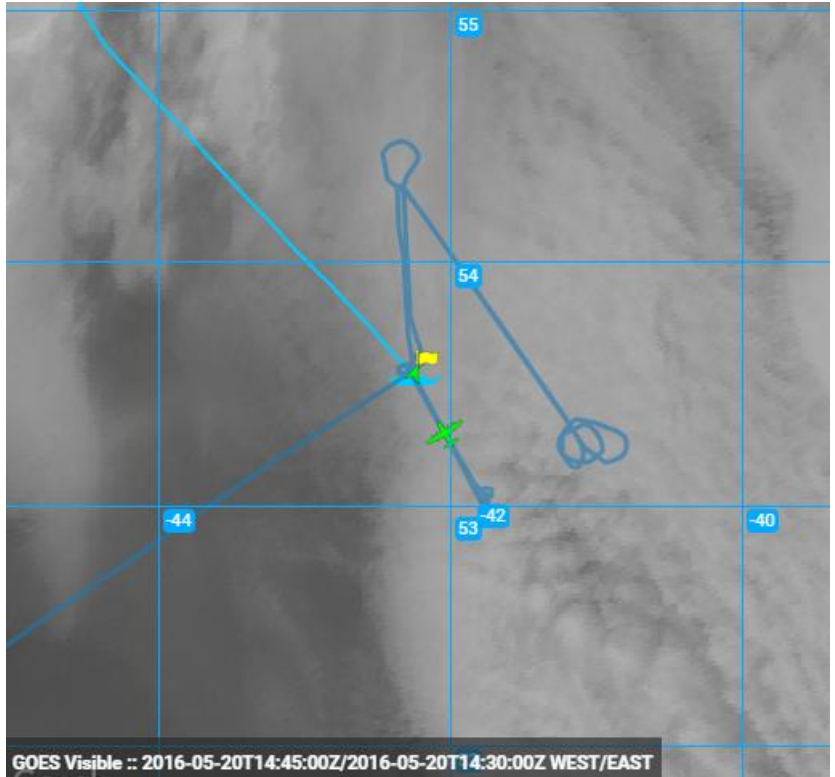
1405Z_StartingCloudModule



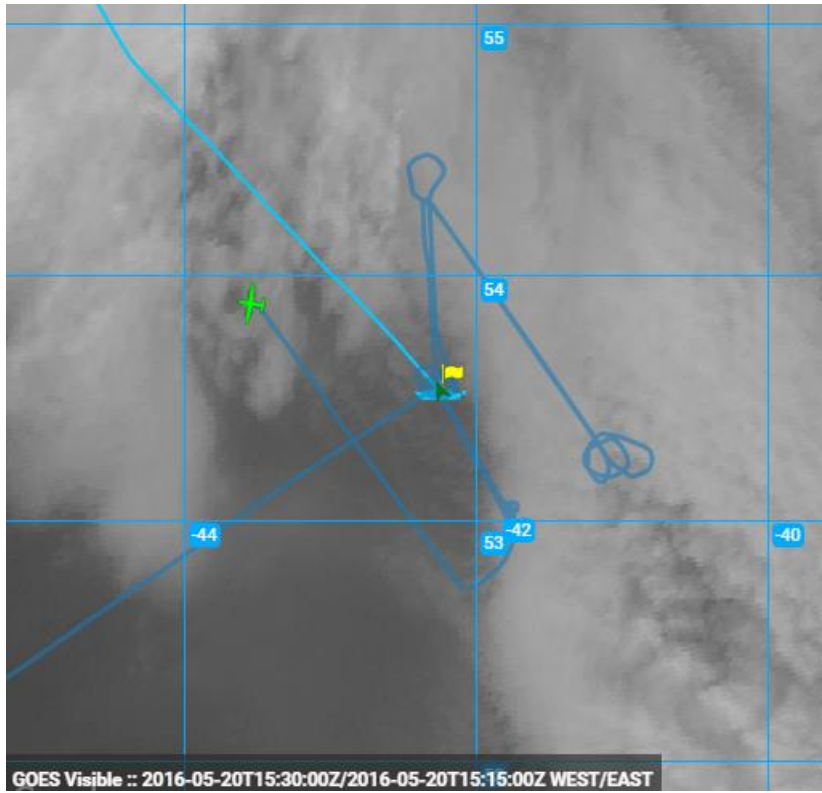
1430Z_CloudModule



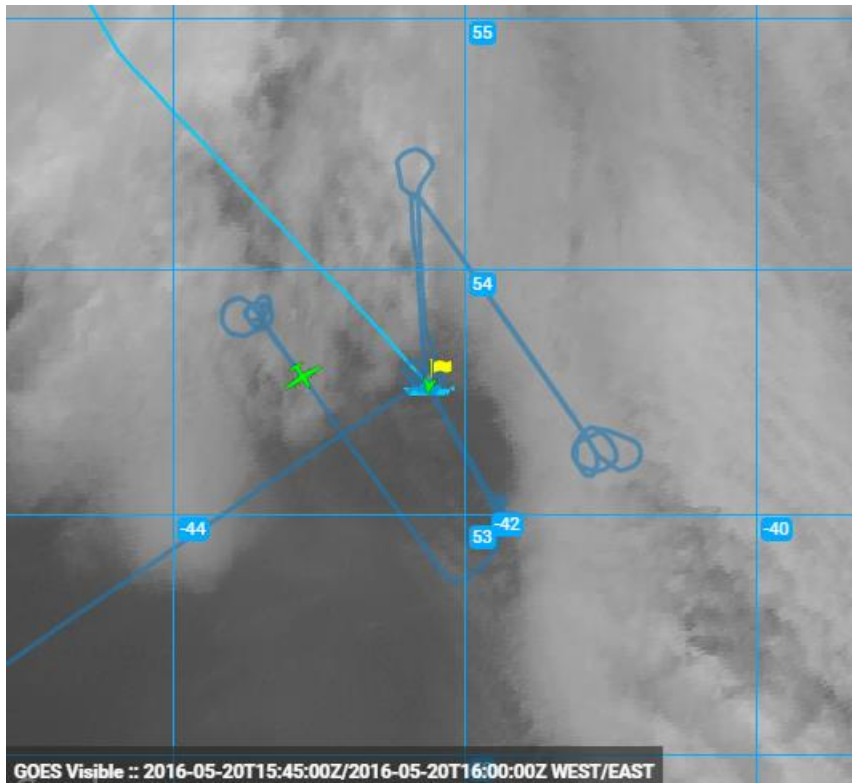
1450Z_CloudModule



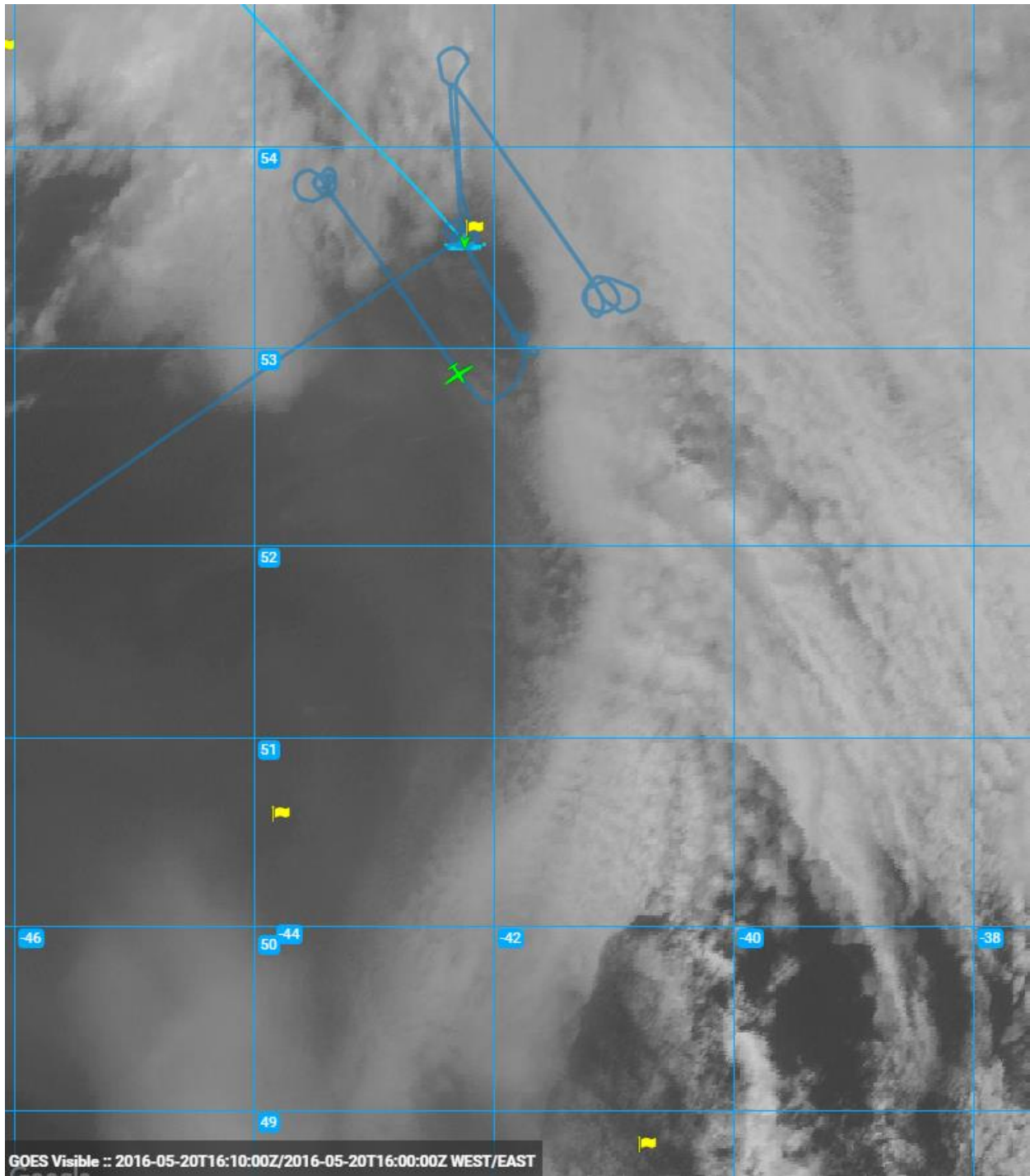
1455Z_CloudModule



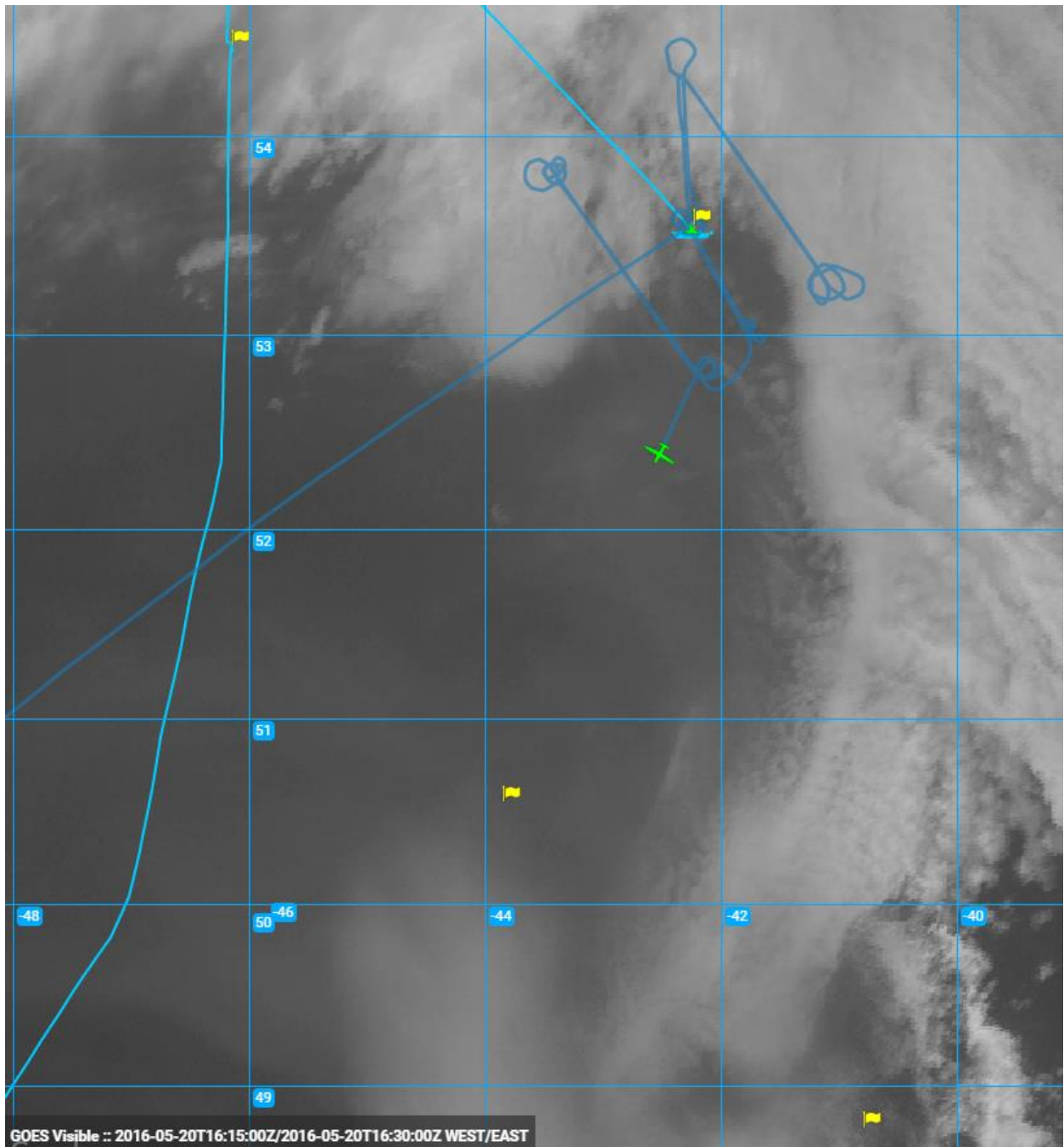
1548Z_LowerZPattern



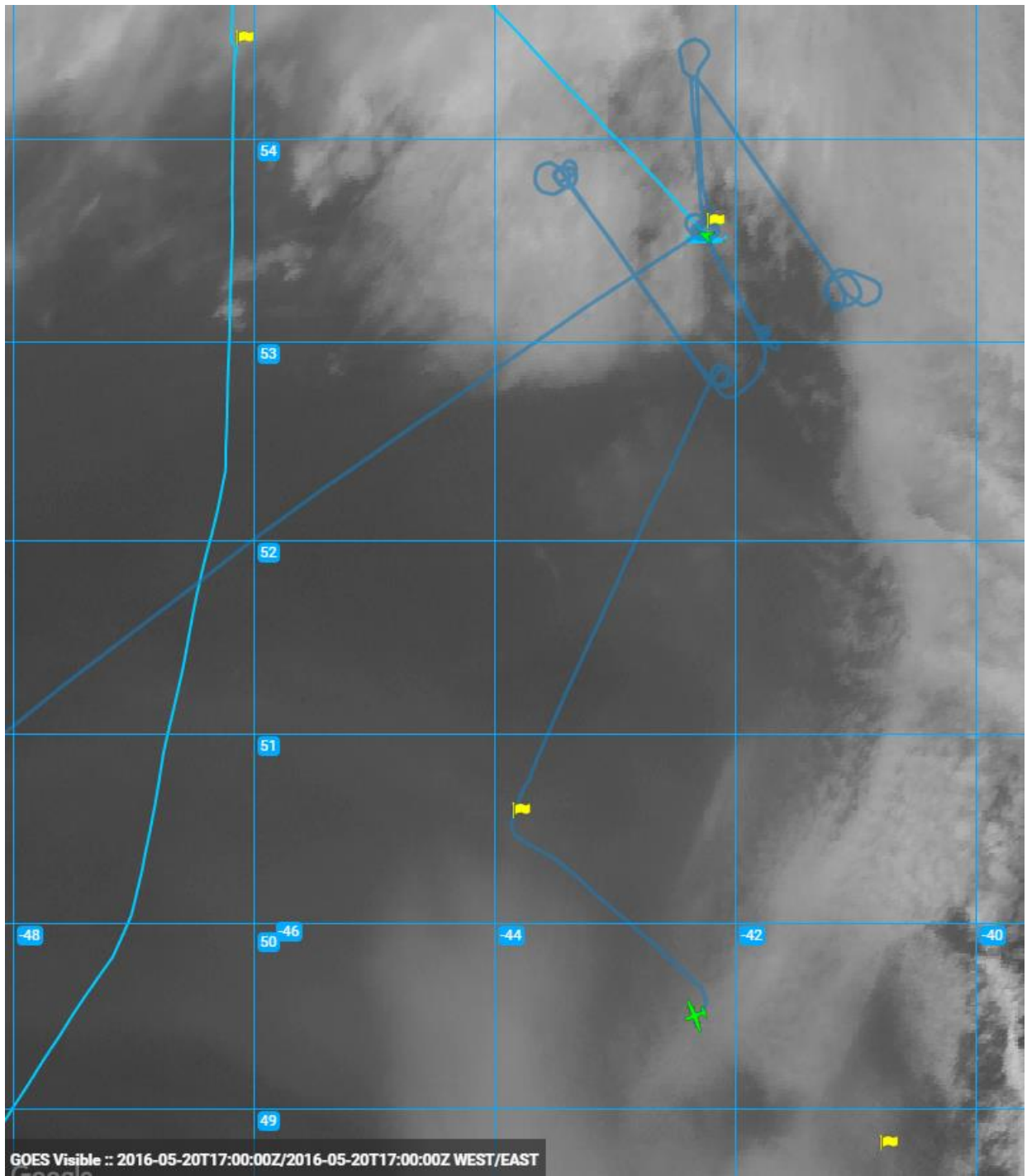
1610Z_LowerZPatternLowLeg



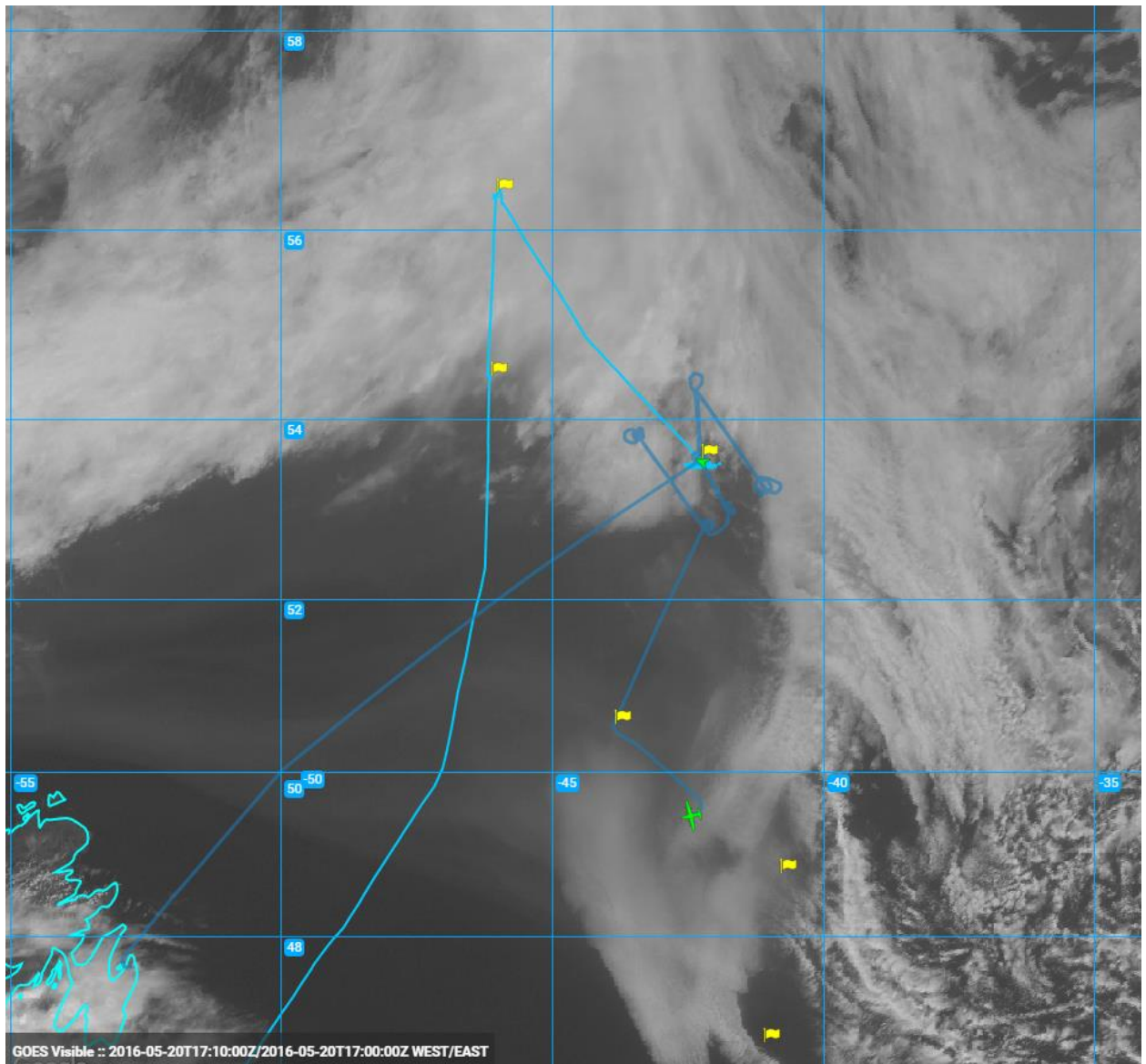
1622Z_LowerZPatternLowLeg



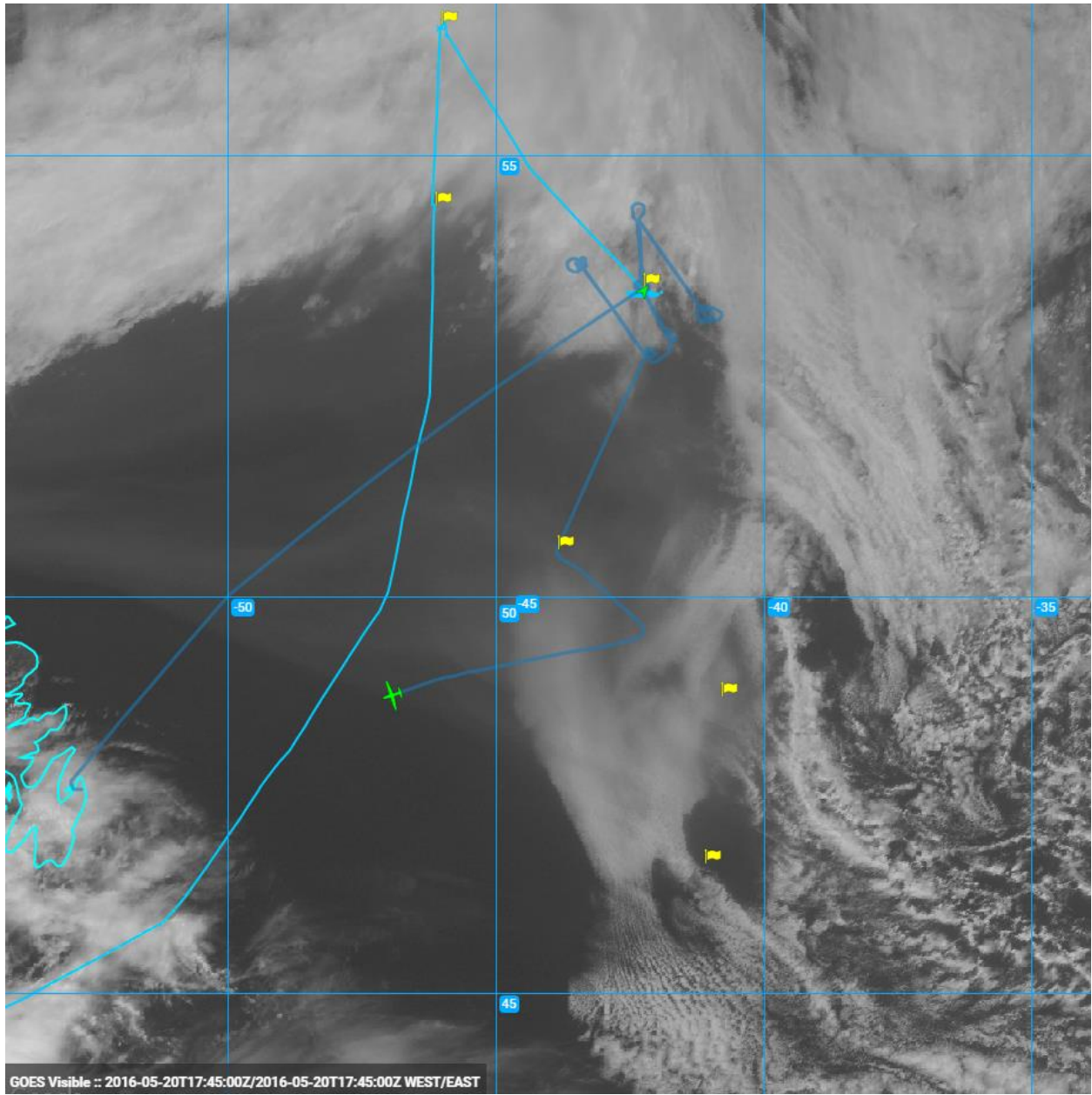
1638Z_S2-S3Leg



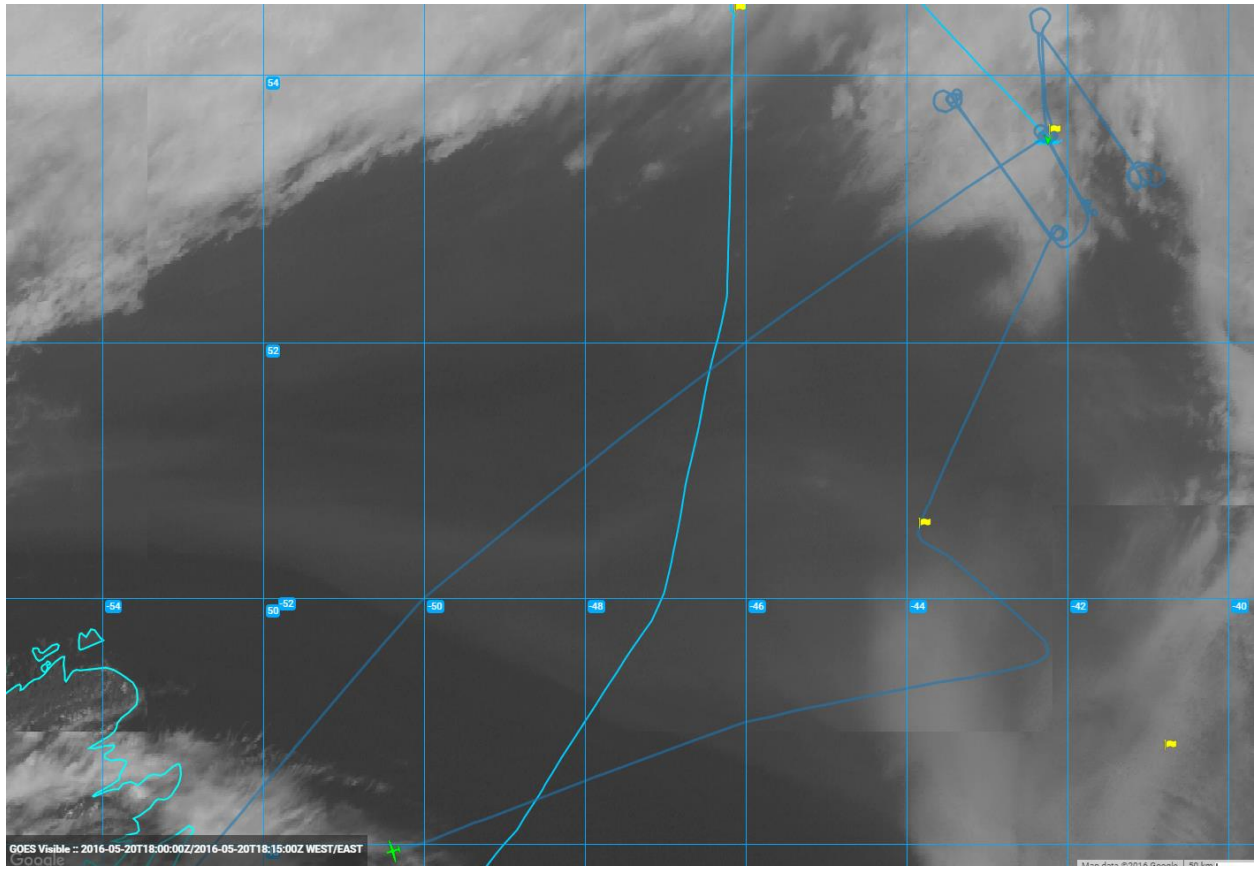
1718Z_RTb



1718Z_RT_BigPicture



1800Z_RTB_BigPicture



1830Z_RT B_BigPicture