

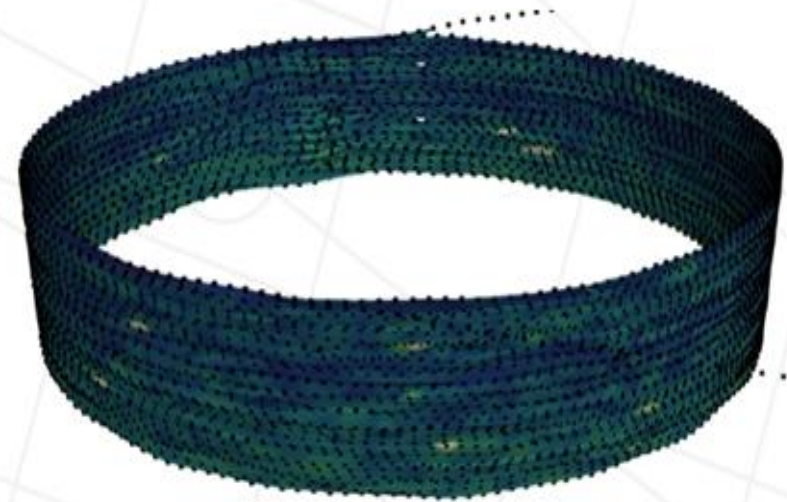


FLYLOGIX

BEYOND THE HORIZON
REMOTE OFFSHORE
INSPECTION

Background to need

Flylogix has been contracted by [REDACTED] to perform four methane survey flights of the Flotta Oil Terminal in Orkney.



The location

It is normal operating practice for Flylogix to fly descending and climbing helical orbits around the platform being surveyed to gather methane data.

Due to the location of the oil terminal and nearby terrain this will not be possible.

It is Flylogix intent to gather methane emission data by flying a linear path over the water parallel the northern shoreline of the island. At no time will the RPAS overfly any populated area



The location

The TDA shown will enable Flylogix to fly a flight path parallel to the northern coastline of Flotta where the terminal is located.

The RPAS will take off and land from a disused airstrip at Flotta. It is next to the coastline in remote surroundings.



Flylogix will be applying for an Operational Authorisation for BVLOS flights and will submit an Addendum to the OSC to reflect the specifics of operating from Flotta airstrip and within this TDA.

Risk assessment and planning process is ongoing with the terminal operators.

Statement of Need

- An area of segregated airspace North-East, of Flotta airstrip
 - Surface to 1,000ft ASL
 - TDA shall cover Flotta oil terminal
- Temporary in nature
- Airspace is Class-G
- Flight Path – Green
- Geo-fenced area – Yellow
- 1Nm buffer to TDA boundary - Red



Other air users

- HIAL are the operators of Kirkwall Airport
- Logan Air are the main user of the airport
- Oil and Gas helicopters
 - Refuel at Kirkwall
 - Offshore Helicopter Services UK Ltd, Bristow, CHC, NHV
- Other helicopters and commercial operators
 - Babcock Mission Critical Onshore
 - PDG Helicopters
 - Gamma Aviation
 - Airtask (Fishery Protection)
 - 2Excel Aviation
- Military
 - DAATM
- SAR
 - JRCC and Bristow SAR
- GA
 - GAA
 - Airspace 4 All
 - AOPA
 - Northeast Aviators
 - BMAA
 - LAA
 - Lamb Holm airstrip

Provisional Timescale

- Our customers wish to conduct operations between August and November 2022
 - We have targeted the 25th August publication date
 - Activity beginning from the latter half of August
- Surveys to be carried out over a period of 90 days
- Engagement with Stakeholders will begin on Wednesday 4th May 2022, ending on Wednesday 15th June 2022 (6 weeks)
- TDA submission to CAA on 18th June in order to pass through the 15th July Decide gateway