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Background to need

Flylogix, NATS and Total are conducting a project to develop an OSC for BVLOS, UAS flight over the North Sea in Non-Segregated airspace

This project is part of the CAA Innovation Sandbox

A concept of operations has been developed and a Detect and Avoid Evidence Template presented to the CAA for feedback

The project is now at the stage of test flights – in segregated airspace - to demonstrate technology and procedures



BVLOS Development Pathway from CAP1861

The test flights

The flights will be conducted from Longside airfield West of Peterhead. Flylogix completed a BVLOS UAS flight within a TDA from this airfield in 2019

Nine flights in three blocks are planned

- Block 1 will demonstrate the EC of the UA and show the ability of the UAS to follow a service from ATC
- Block 2 will demonstrate a helicopter and the UA operating in the same airspace and both receiving a service from ATC
- The final block shall test the emergency procedures

An OSC has been submitted for the test flights



Statement of Need

- An area of segregated airspace running East from Longside airfield over the North Sea
 - ~40 miles by 12 miles
 - Surface to 5,000ft ASL
- Temporary in nature – 4 to 6 weeks for all test flights
- Airspace is Class-G

Other air users

- Relatively remote airspace over sea
- Oil and Gas helicopters are majority of traffic
 - 4 operators, one of which, CHC, is involved in test
 - All taking service from Aberdeen ATC
- GA from Longside
 - In 2019 used tactical management to minimise impact
- Military
 - Military Danger Areas are further out to sea and have floor of FL75
- SAR
- Other GA



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