



Ministry of Defence

ACP-2024-028

Permanent
Segregated Airspace
to Enable RPAS Test
and Evaluation Activity



QINETIQ

ACP Stage 1 DEFINE - Assessment Meeting

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|---------------------------------------------------------|----------------|
| 1. Introduction/Apologies for Absence | CAA |
| 2. Statement of Need (discussion & review) | All |
| 3. Current Day Scenario | Change Sponsor |
| 4. Requirement | Change Sponsor |
| 5. Issues or opportunities arising from proposed change | Change Sponsor |
| 6. Process requirements | CAA |
| 7. Provisional process timescales | All |
| 8. Next steps | All |
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Introduction/Apologies for Absence (CAA)

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Statement of Need

DAP1916 V2.0

Due to an enduring requirement to enable routine test and calibration of RPAS on-board equipment, segregated airspace is needed, within which this activity can be conducted.

EGD207 is the preferred location for Protector test and calibration operations, due to its geographical location and the requisite ground based equipment in-situ. The existing Danger Area construct is insufficient to accommodate the flight profiles required to conduct the activities, thus an additional volume of airspace is proposed to enable flexible and efficient short periods of utilisation.

Current Day Scenario

- Upper limit of EGD207 is 23,000FT ALT
- RPAS BVLOS may not be conducted above 18000FT ALT (12000FT ALT in the event of the activation of Contingency Airway T999) however LOA in progress to enable BVLOS above these levels for access
- Current ACP in progress for temporary airspace (TDA) in same location: ACP-2024-014
- Timeline for implementation is from Spring 2025, 8 sorties of approx 4.5 hours of the TDA each



Requirement

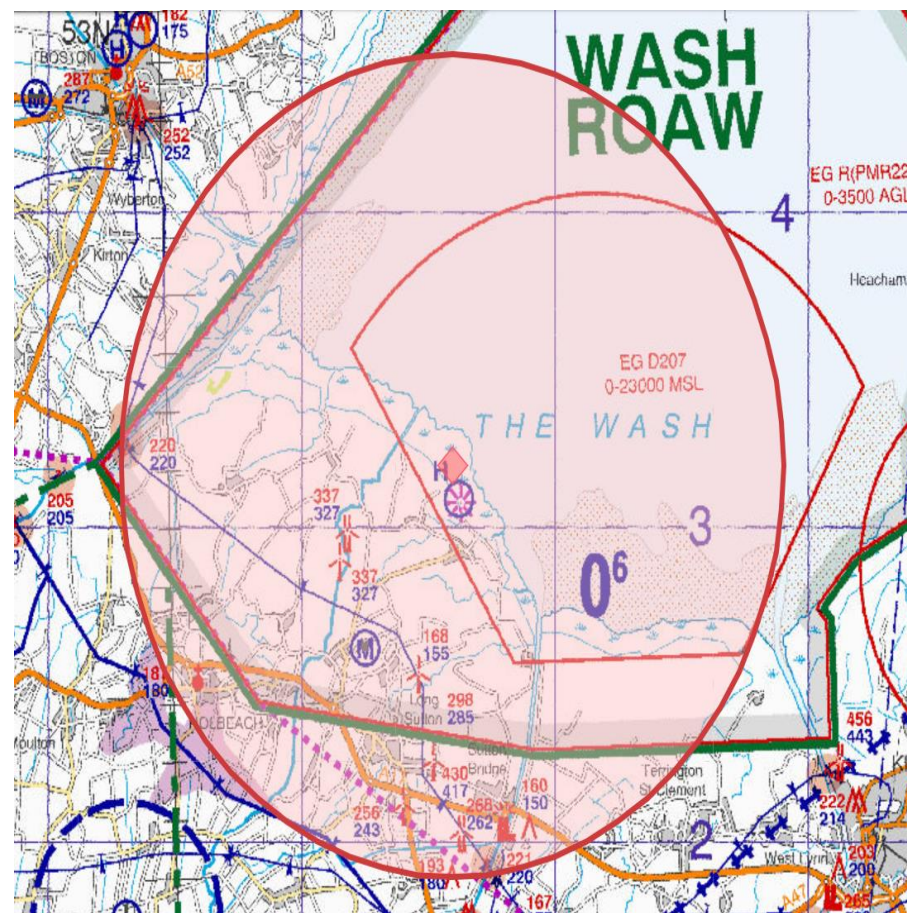
RPAS:

Circular orbit at approx. 10,000FT and 180,000FT of up to 5.4NM radius, centrepnt of the ground-based laser target's location

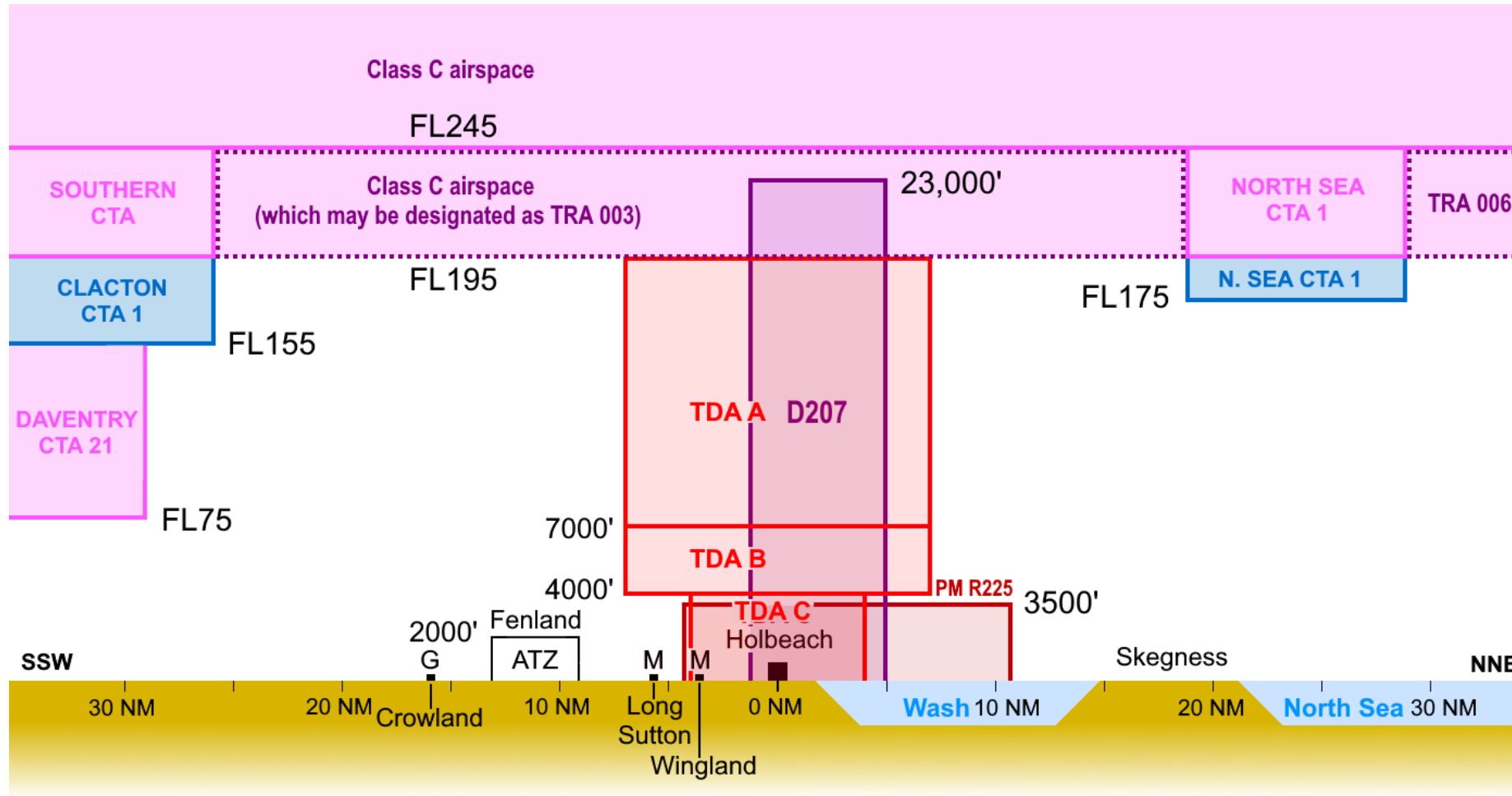
Airspace:

7NM radius centred on 52 51 52.668N, 0 10 01.848E, Ground to FL195

- 0.6NM buffer on the flown pattern of 5.4NM to account for wind etc., plus 1NM buffer
- to mitigate against Class G infringement and increase laser safety



Requirement



Issues or opportunities arising from Proposed Change

Opportunities

- Footprint from TDA likely to be carried forward to the DA if Protector-only utilisation
- Potential utilisation of the airspace for other platforms.
- Similar previous application (2018: withdrawn) identifies stakeholders and potential impacts

Issues

- EGD207 one of only two viable locations: The other (West Freugh) is too far for routine testing
- Enduring requirement until DAA is delivered; characterisation for each new airframe, plus repeated at equipment config change (e.g. software update):
- Request for utilisation by other assets may require revised airspace design
- Similar previous application (2018) withdrawn due to extra mitigations not available on Protector



Process Requirements (CAA)

Discussion

Provisional process timescales

Commence December 2024

Desirable implementation: Spring 2026

AIRAC	AIC/SUP Submission Cut Off	AIC/SUP Finalised	Publication Date
AIRAC 05/2026	Fri 13 Feb 26	Thu 02 Apr 26	Thu 14 May 26

Next Steps

Discussion

AOB

Discussion

