

AIRSPACE CO-ORDINATION NOTICE

Safety and Airspace Regulation Group



ACN Reference:	Version:	Date:	Date of Original
2023-04-0097	1.0	24/03/2023	16/03/2023

AERIAL SURVEY ORKNEY & SHETLAND

CAT Z

Subject to NOTAM: No

Date(s) of activity/Validity: **Times - ALL TIMES UTC**

25th March 2023 – 30th November 2023 SR - SS

Vertical Limits: **Allocated Mode 3A (SSR):**

12,400ft – 13,000ft AMSL or FL130 Tactically Issued by ATC

Aircraft Details: **NDS Approved:**

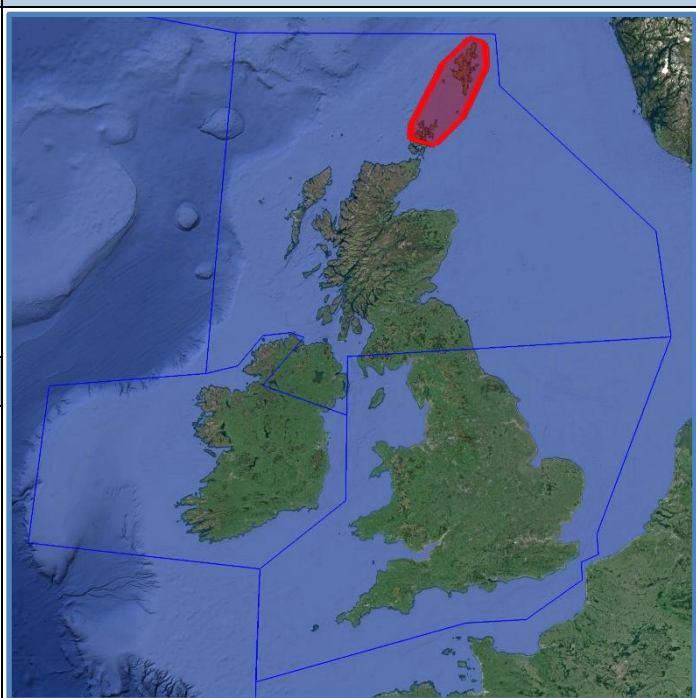
Type: B200, BE9L
Callsign: WKTxx
Not applicable

Event Sponsor(s): **Aircraft Operator(s):**

Ordnance Survey Flying Unit Gamston Airport Retford Nottinghamshire DN22 0QL 01777 838434 flyingunit@os.uk	DEA Aviation Gamston Airport Retford Nottinghamshire DN22 0QL 01777 838731 operations@dea.aero
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ATS Units/ Controlling Agencies: **Geographical Limits:**

Prestwick ACC Scottish Information Swanwick Mil (78 Sqn) – North Sumburgh	01294 655300 01294 655300 01489 612943
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Airspace Reservations:

Nil

Departure/Destination Aerodrome(s) **ACN Issued by:**

EGNE AS3

SECTION 1: CO-ORDINATION ARRANGEMENTS (GENERAL)

1. The pilot/operator is requested to telephone the ATC authorities on the cover prior to departure in order to notify or update the sortie details including area(s) of operation and planned levels (quoting the ACN Reference). A minimum of 24 hours' notice should be given unless specified in Section 2.
2. There may be other aircraft and/or activities outside Controlled/Regulated Airspace unknown to ATC.
3. The carriage and operation of a serviceable transponder (including Mode 'C') has been specified.
4. The pilot will be responsible for obtaining all necessary ATC clearances and for maintaining R/T contact with appropriate ATC authorities.
5. The pilot/operator will be responsible for obtaining prior clearances to enter any UK Danger Areas affected by the flight profile from the appropriate Range Control Authority unless this is specifically detailed in Section 2.
6. Other Unusual Aerial Activities (UAAs) may be notified to the CAA Safety and Airspace Regulation Group (SARG) and may take place within the airspace encompassed by this flight. The pilot/operator is to ensure that UK Daily NOTAM Nav Warnings are consulted prior to each flight.
7. All flights within Controlled Airspace are subject to the requirements of a Flight Plan in accordance with UK AIP ENR1.10. The ACN Reference should be entered into Field 18 of the Flight Plan together with any relevant 'special handling' codes.
8. Flight prioritisation and Non-Deviating Status is in accordance with the information specified on the ACN Cover. Such status may be afforded to part or all of the flight – see Section 2.
9. Availability of an ATS from Plymouth Military, Swanwick Military (78 Sqn) or Western Radar is subject to unit capacity, priorities and limitations of radar and radio coverage. Minimum pre-flight notification as per UK AIP ENR 1.6 unless otherwise specified in Section 2 of this ACN.
10. The CAA actively encourages the use of Moving map technology in the planning and flying phases of flights to reduce the risk of airspace infringements.

PUBLICATIONS AND CHANGES

11. The activity area may lie within Controlled and Uncontrolled Airspace as well as airspace reserved for military use. Aircrew are to thoroughly familiarise themselves with UK airspace structures and procedures, in particular those laid down within the UK Aeronautical Information Publication (UK AIP), ENR 1.1 and be fully conversant with UK Flight Information Services in accordance with UK CAP 493 (MATS Pt 1).
12. The CAA VFR 1:500,000 and 1:250,000 charts and the UK AIP ENR 5 depict some, but not all aviation activity sites and amendments should also be checked. Please refer to <http://www.nats-uk.ead-it.com>
13. This ACN details specific coordination essential to the activity taking place and does not remove the need for aircraft operators to comply with national flight planning and notification procedures. Pilots and ANSPs are required to ensure that all related aviation sites are aware of this planned activity and of subsequent changes not captured within this document.
14. The Sponsor or Event Organiser should co-ordinate any changes to this ACN with SARG quoting the ACN Reference at the top of the page.

Airspace Regulation (Utilisation) – AS3
Email: AROps@caa.co.uk
Tel: 01293 983880

SECTION 2: CO-ORDINATION ARRANGEMENTS (SPECIFIC)

15. This ACN details the flight profiles for an aerial survey across the Orkney and Shetland Islands and consists of seven blocks:

a. ORKN01_23	14 Legs	1h 15m	12,400ft – 12,500ft AMSL
b. ORKN02_23	13 Legs	1h 10m	12,400ft AMSL
c. SHET01_23	15 Legs	2h 00m	FL130 or 13,000ft AMSL
d. SHET02_23	09 Legs	1h 20m	FL130 or 13,000ft AMSL
e. SHET03_23	13 Legs	1h 10m	FL130 or 13,000ft AMSL
f. SHET04_23	03 Legs	0h 10m	FL130 or 13,000ft AMSL
g. SHET06_23	03 Legs	0h 10m	FL130 or 13,000ft AMSL

16. **Notification.** The sponsor is to notify the agencies listed on page one of this ACN at least 4 hours prior to departure to confirm final details and availability of an ATS.

17. **Priority.** This flight has been categorised as CAT Z, (*CAP 493 – Section 1, Ch4, Para 10c refers,*) and attracts no priority. Subject to the prevailing traffic conditions on the day, there may be level restrictions, or the aircraft may be provided vectors / requested to hold to allow most efficient use of airspace.

18. **Air Traffic Service (ATS) Provision – Outside Controlled Airspace (CAS).** The survey area is within the coverage of the following units:

a. Prestwick ACC	<i>On Request</i>
b. Scottish Information	134.850 MHz
c. Swanwick Mil – North	136.375 MHz

19. Availability of an ATS from a unit is not guaranteed, is subject to controller availability, unit workload and possible reduced hours of operations. Amendments to the published hours of availability, as listed in the UK AIP ENR 1.6 – Para 4.1, AD2 or UK Military AIP, shall be notified via NOTAM.

20. **ATS Provision above FL100.** This service is available to all aircraft flying outside Controlled Airspace in the UK FIRs between FL 100 and FL 190, and within active TRAs and is subject to Unit capacity. The Unit providing this service together with their boundaries are depicted within the UK AIP on the chart ENR 6-12. ENR 1.6 (4.2) lists their hours of operation, the RTF operating frequency on which this service is normally provided and a telephone number for pre-flight contact. A FPL should be filed and include the following addresses:

a. EGZYOATT	Swanwick Mil (78 Sqn)
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21. Amendments to the published hours of availability, as listed in the UK AIP ENR 1.6 – Para 4.2, shall be notified via NOTAM.

22. Between the hours of 18:00 to 08:00 (local time) on a weekday, at any time on a weekend or during a UK public holiday, Swanwick Mil (78 Sqn) require at least two weeks prior notice in order to obtain an ATS in support of this task.

SECTION 3

Area of Operation

23. Charts highlighting the area of operation are shown below. These are for illustrative purposes only, not for operational planning and does not show a potential 5km procedural turn at the end of each leg.

Chart 1 – Overview

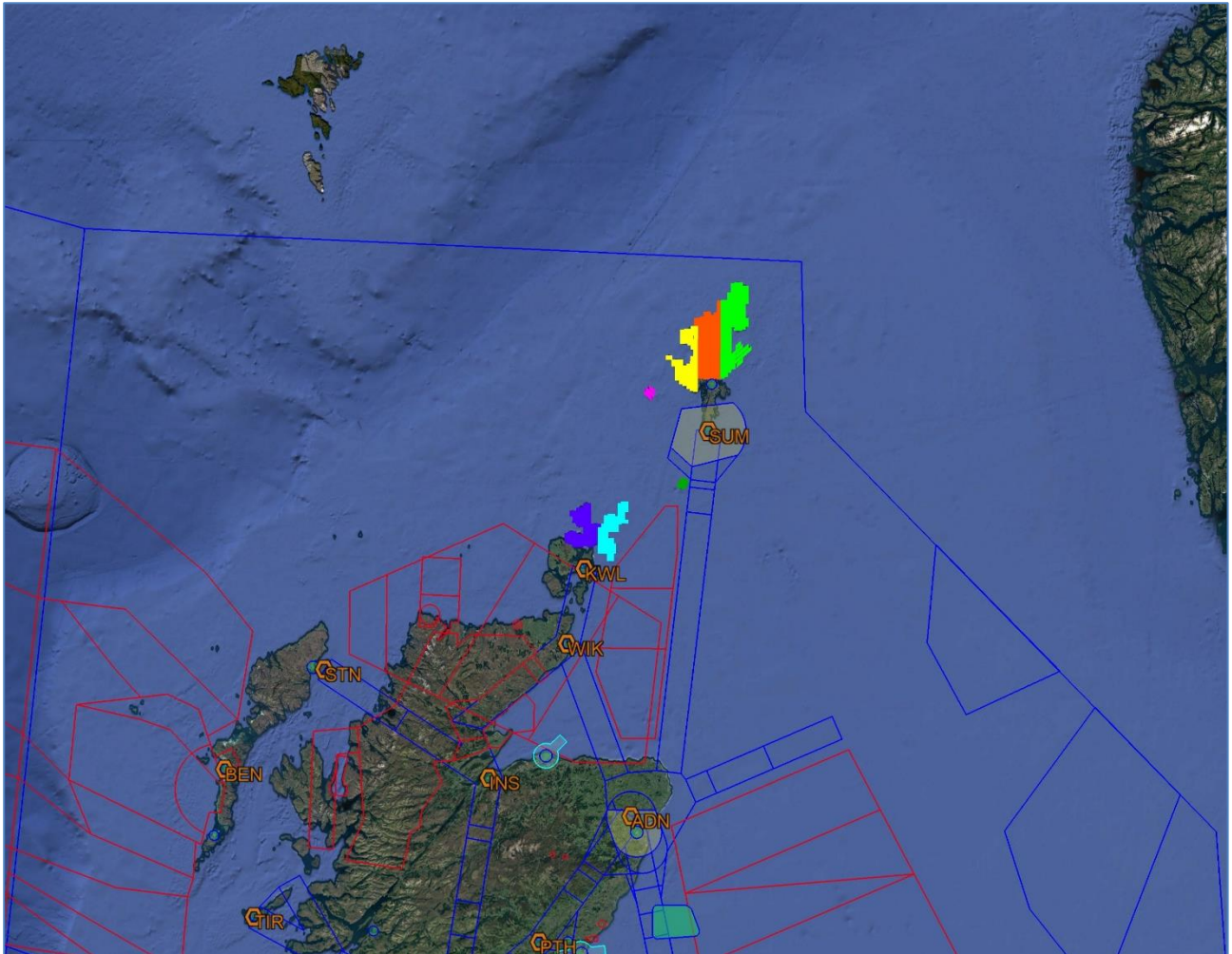


Chart 2 – ORKN01_23
12,400ft – 12,500ft AMSL

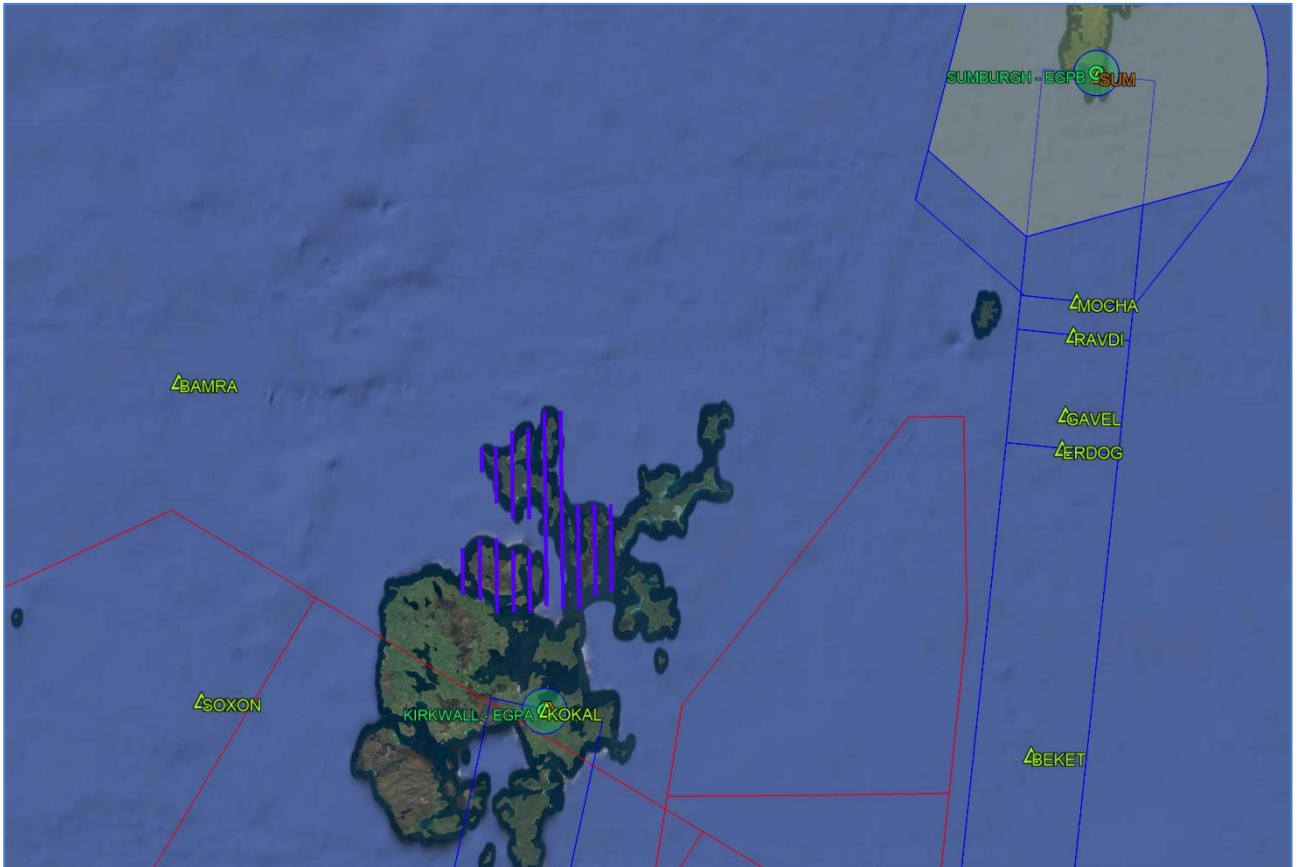


Chart 3 – ORKN01_23
 12,400ft – 12,500ft AMSL

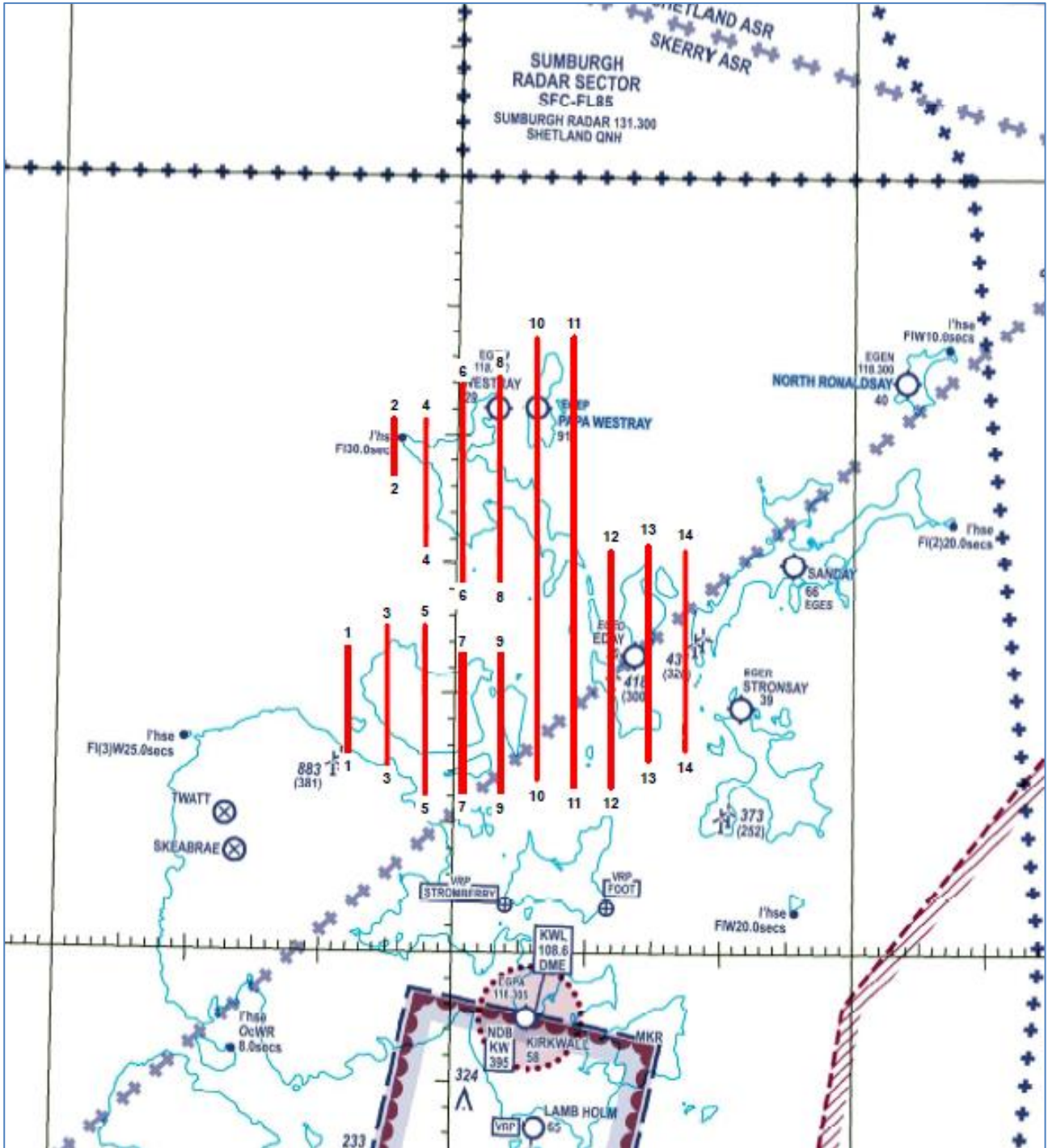


Chart 4 – ORKN02_23
12,400ft AMSL

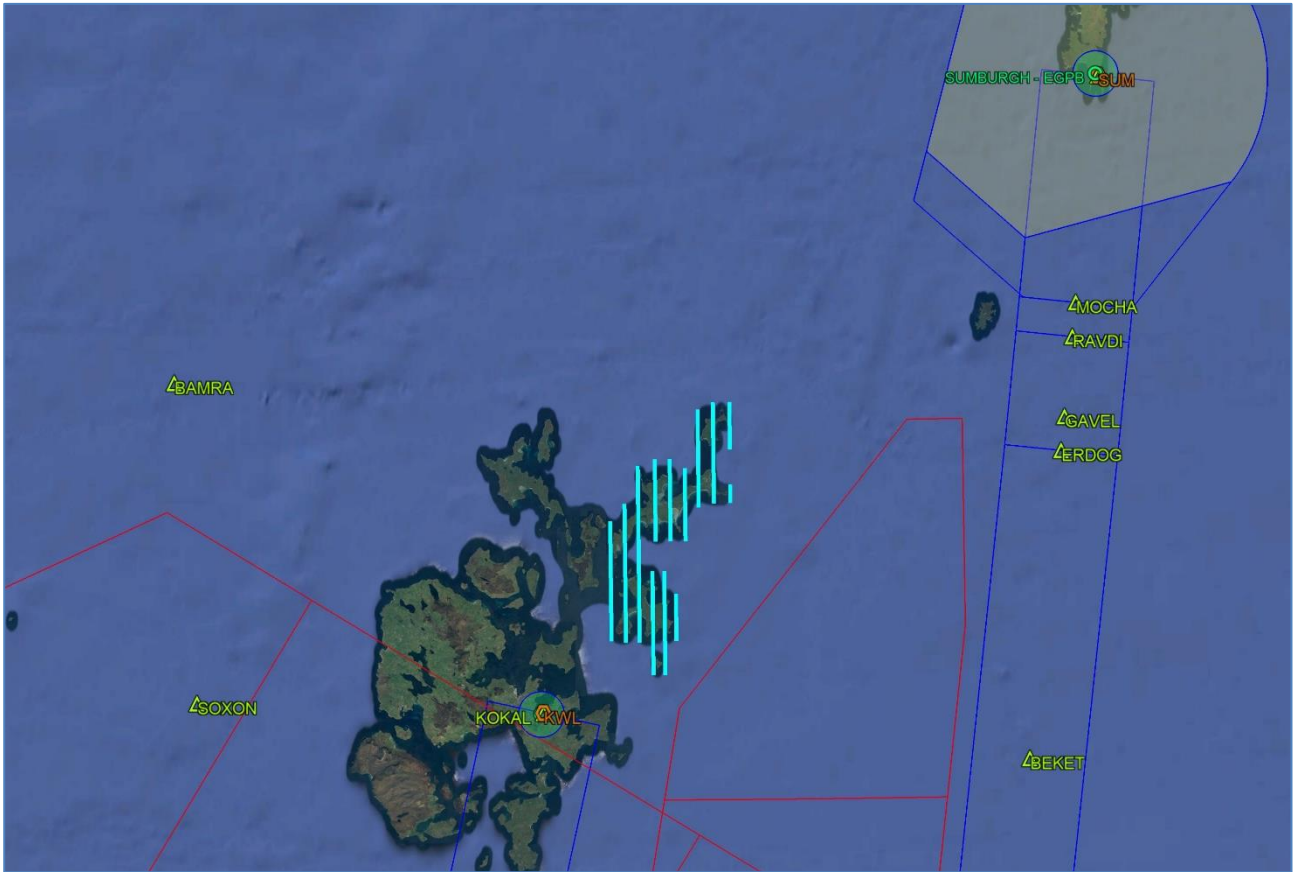


Chart 5 – ORKN02_23
12,400ft AMSL

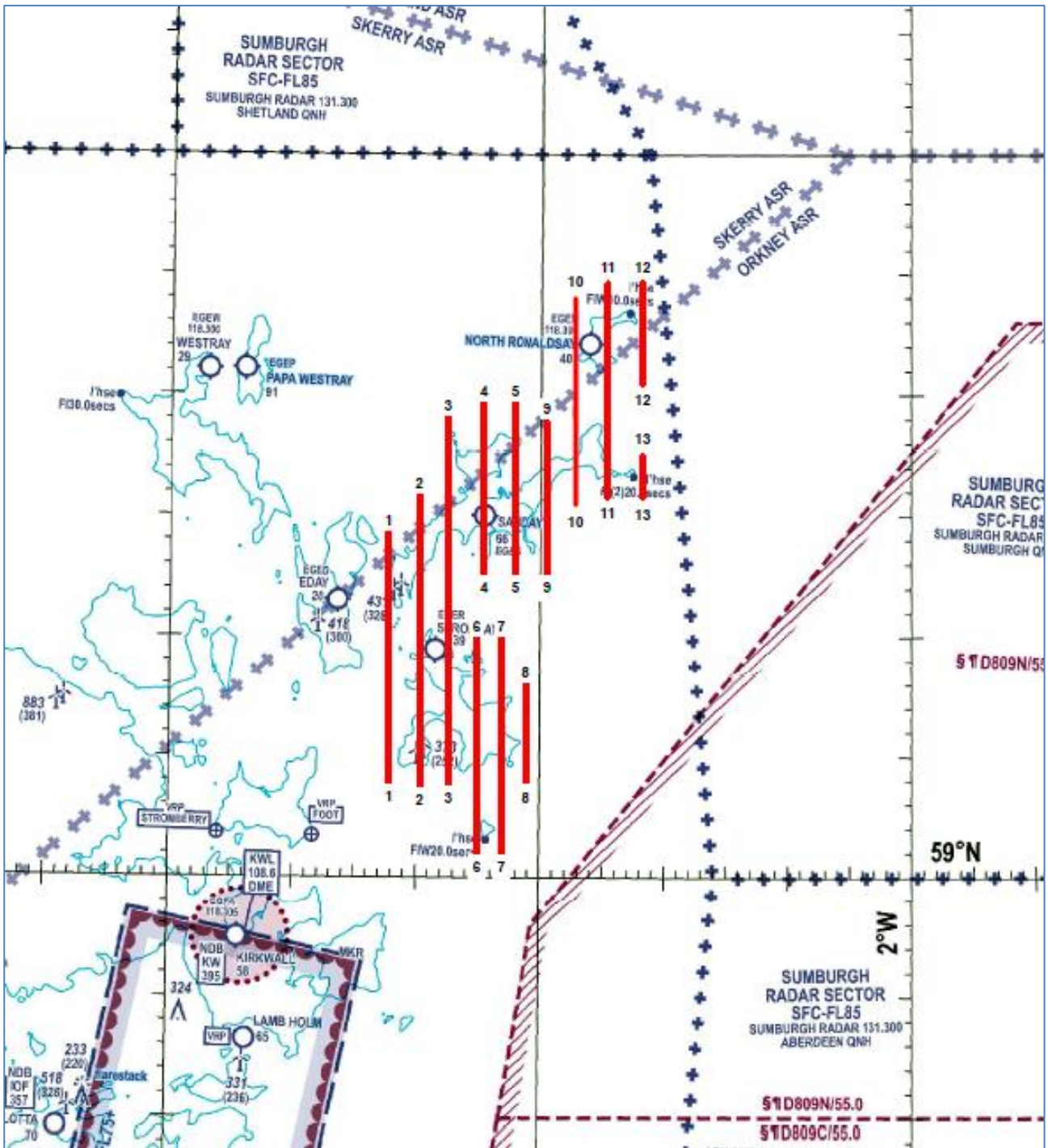


Chart 6 – SHET01_23
FL130 or 13,000ft AMSL

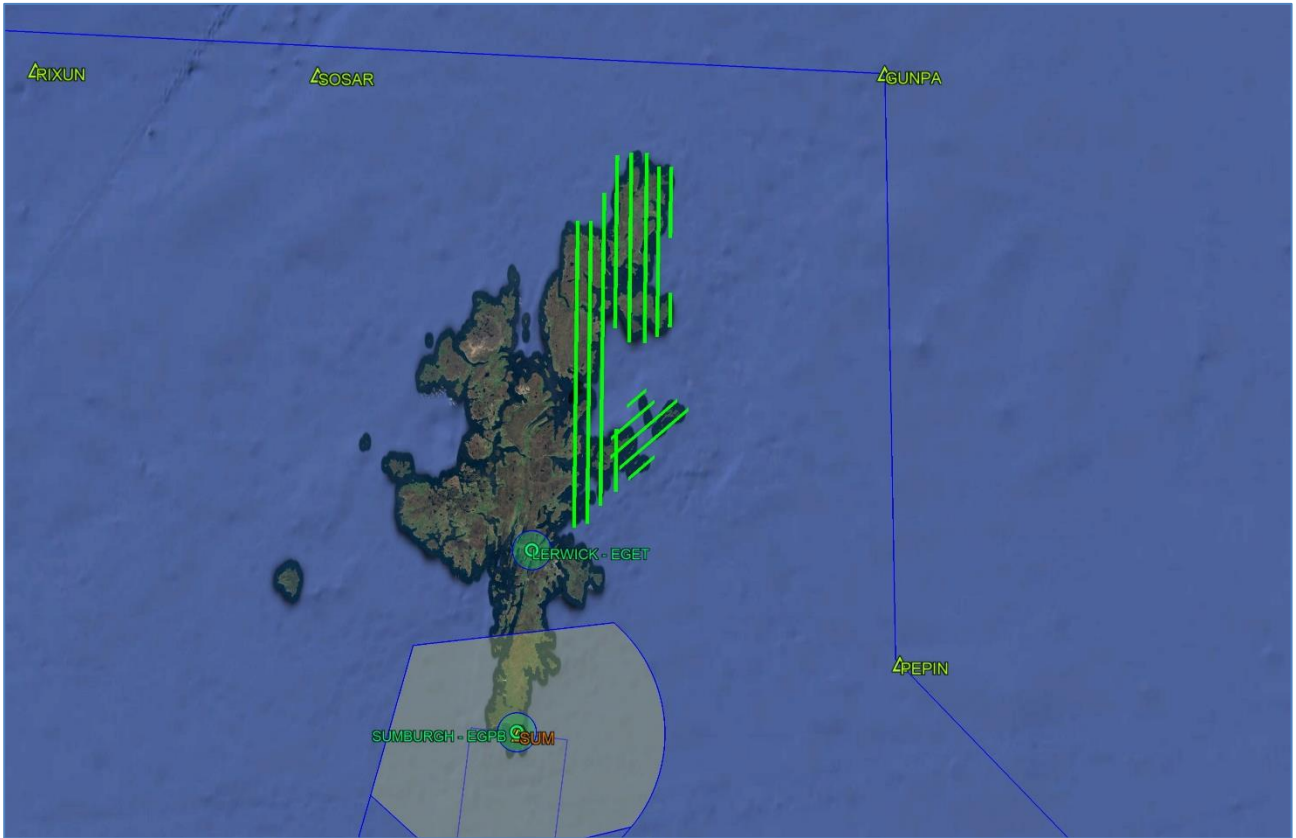


Chart 7 – SHET01_23
 FL130 or 13,000ft AMSL

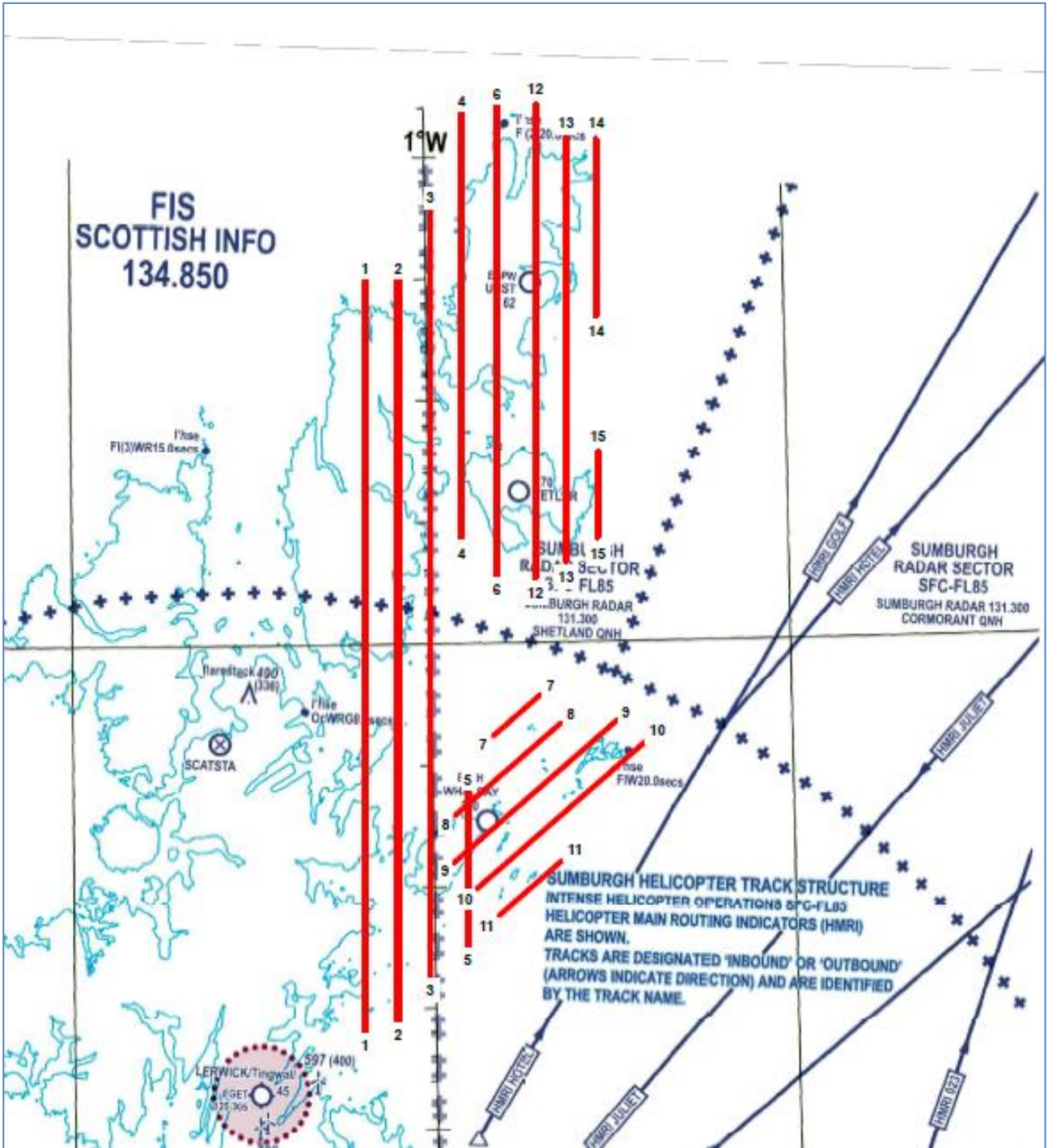


Chart 8 – SHET02_23
FL130 or 13,000ft AMSL

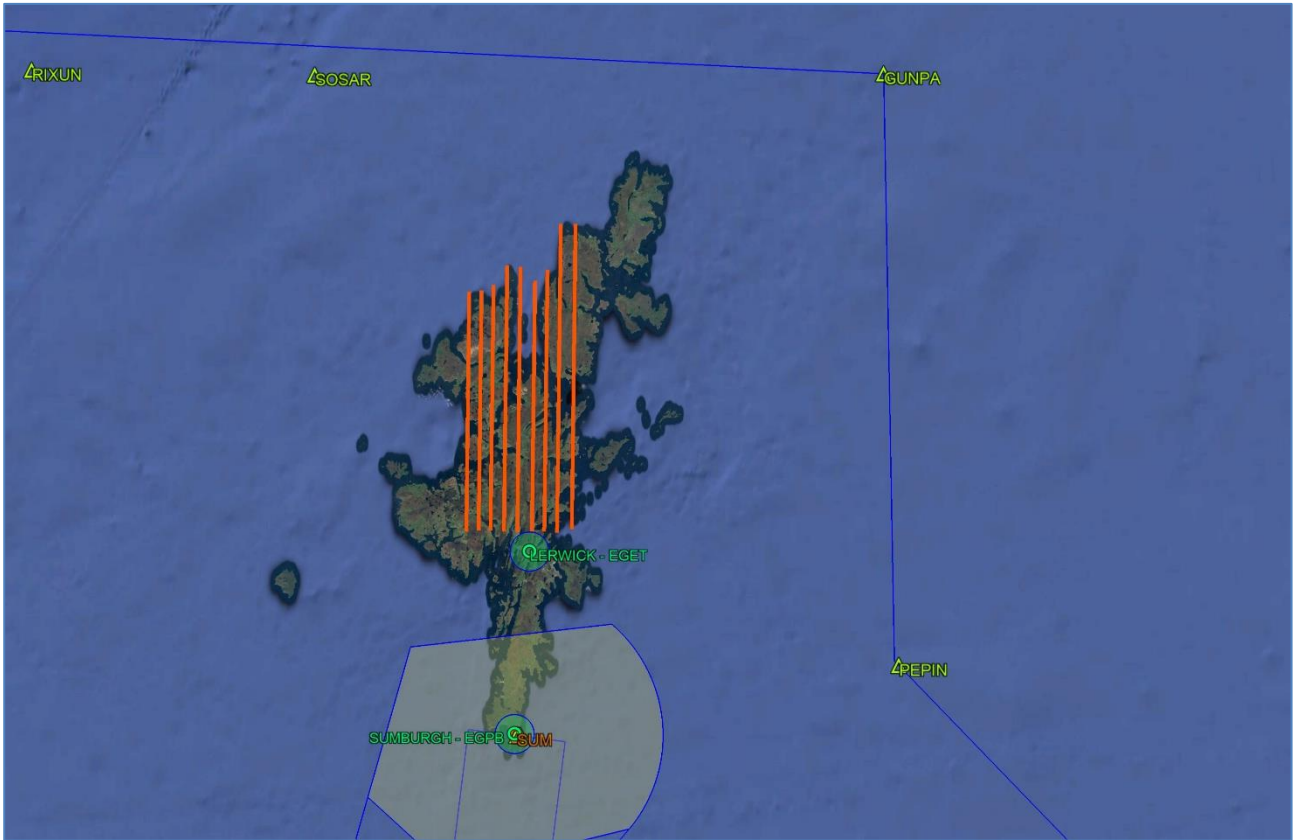


Chart 9 – SHET02_23
 FL130 or 13,000ft AMSL

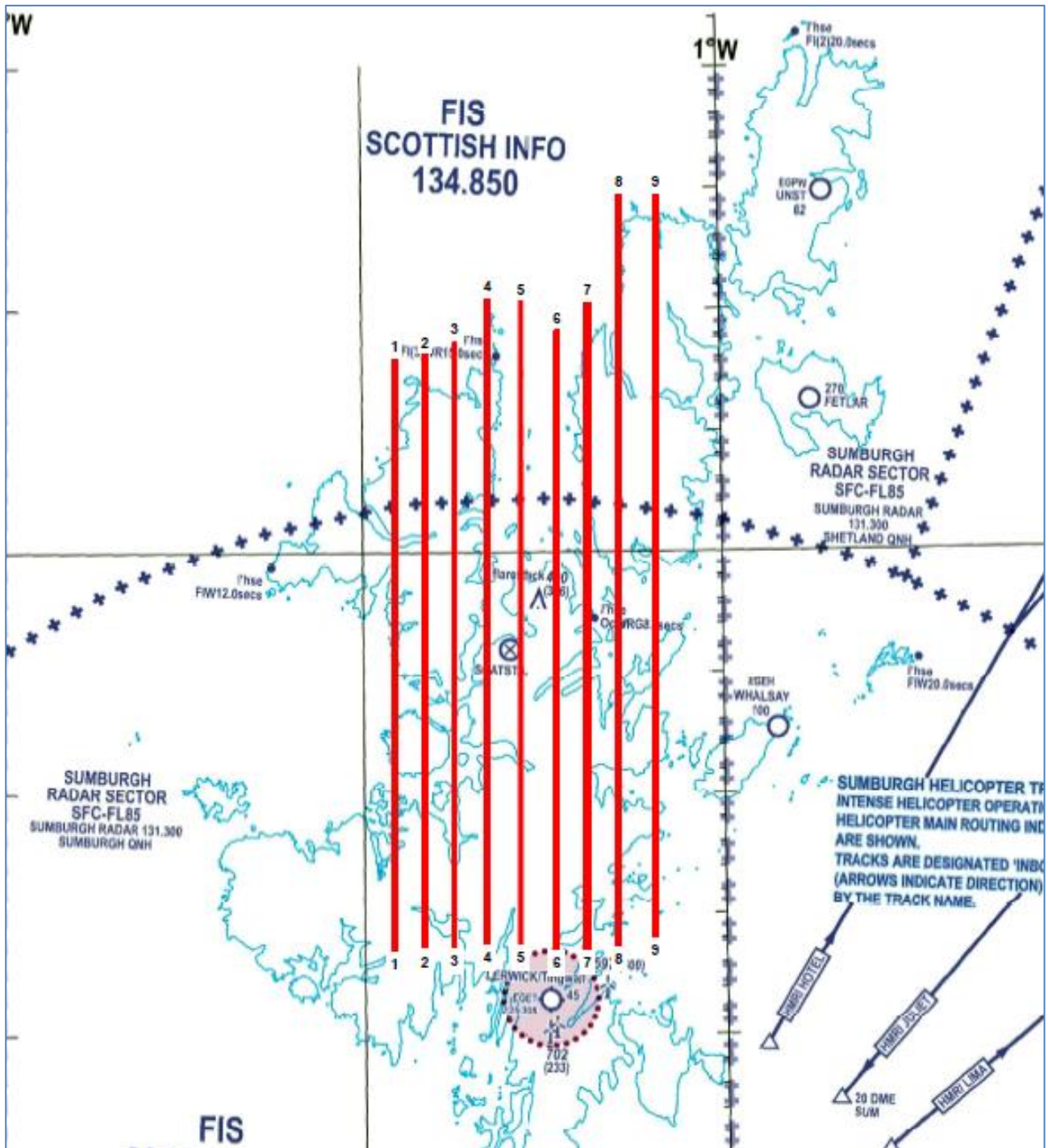


Chart 10 – SHET03_23
FL130 or 13,000ft AMSL

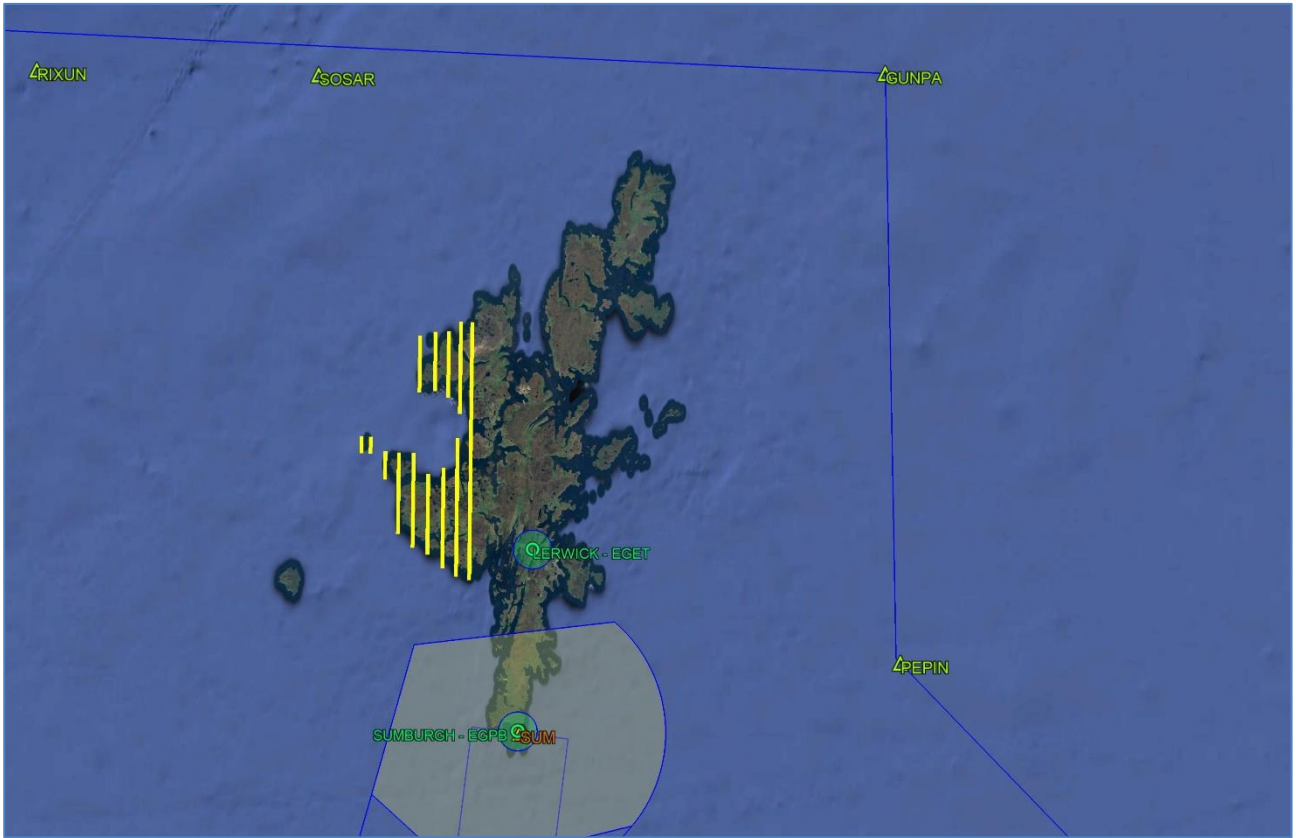


Chart 12 – SHET04_23
FL130 or 13,000ft AMSL



Chart 13 – SHET04_23
FL130 or 13,000ft AMSL

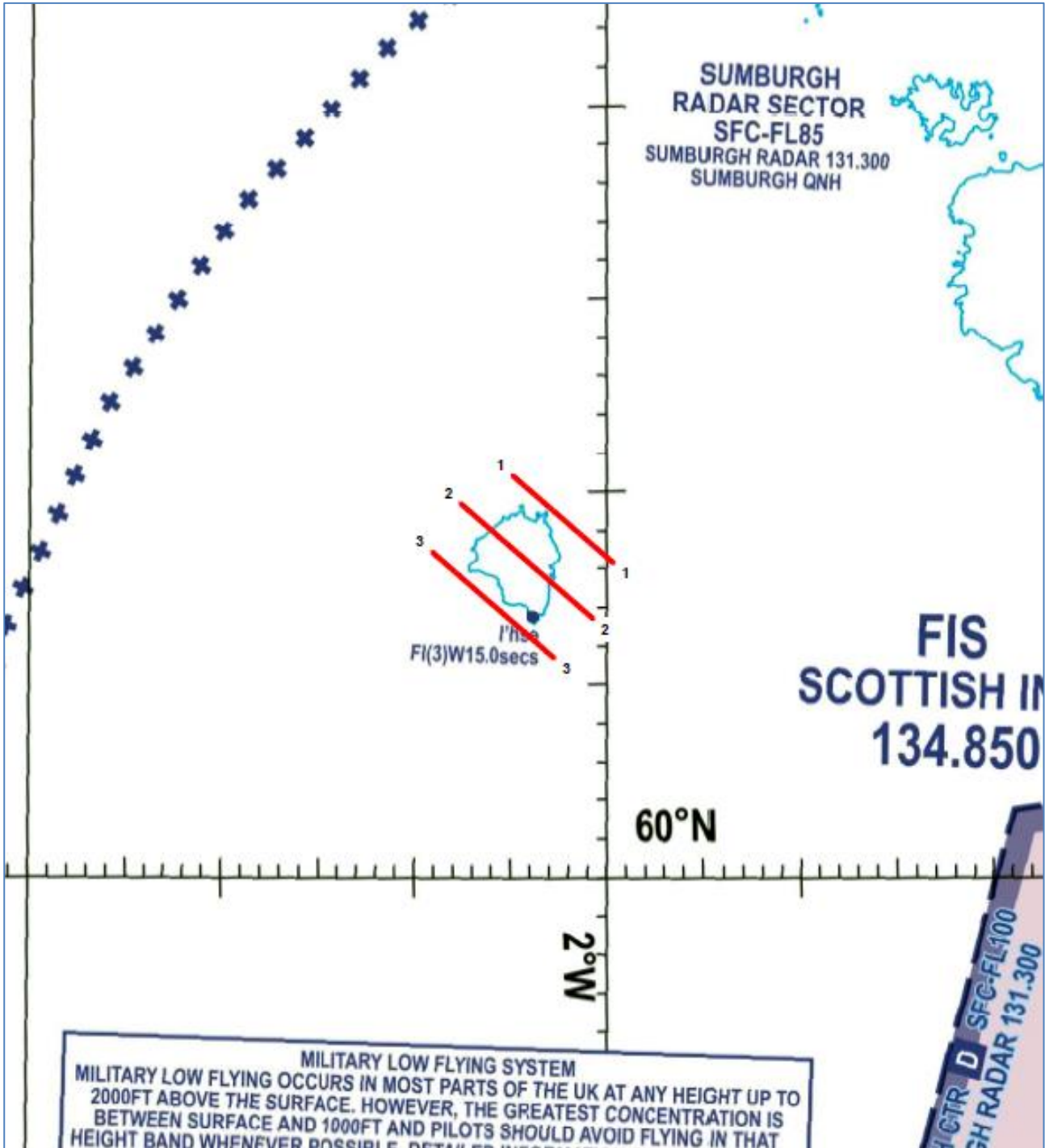


Chart 14 – SHET06_23
FL130 or 13,000ft AMSL

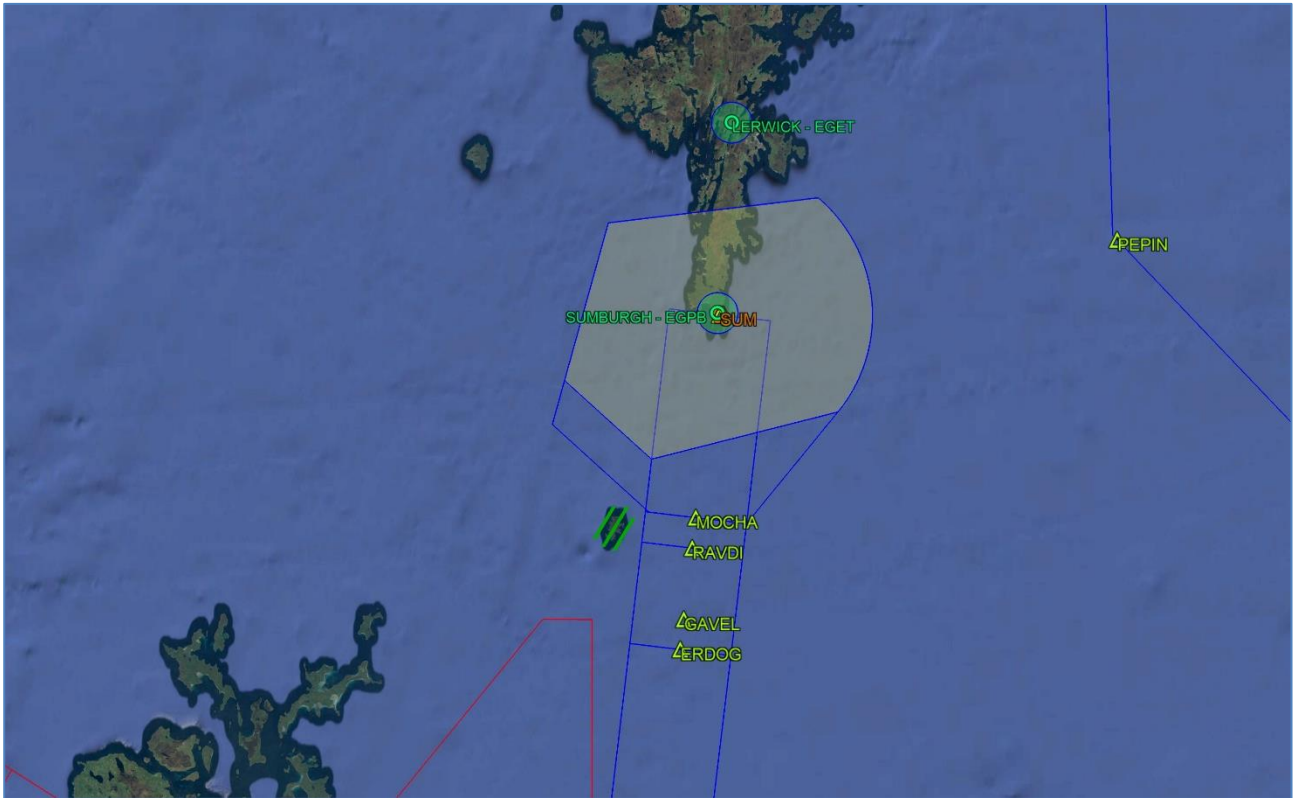


Chart 15 – SHET06_23
FL130 or 13,000ft AMSL

