



ACP-2017-079

SHETLAND SPACECENTRE LIMITED (SAXAVORD SPACEPORT) AIRSPACE CHANGE PROPOSAL CAP1616 STAGE 3 ("CONSULT") STAKEHOLDER CONSULTATION REPORT





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¥1.1	13 Jul 23	FINAL		Pages 6 and 7. Summary respondents' comments amended to reflect amendments at Appendix 5. Page 5-6 - ID8. Amplified Sponsor's Remarks/Comments following initial feedback from CAA. Page 5-12 - ID14. Amplified Sponsor's Remarks/Comments following initial feedback from CAA.
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V1.2	8 Aug 23	FINAL		Page 2. Additional text at Para 5.3. New Para 5.4 highlighting additional local consultation notification and activities; subsequent para renumbering within Section 5. Additional text at Para 5.3. Additional Appendices 5, 6 and 7 providing evidence of social and local media activities supporting Stage 3; subsequent appendix renumbering (and amendments throughout, where previously cross-referenced). Appendix 8, ID5. Subsequent explanatory narrative outlining ensuing discussions with the Met Office.

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1. Introduction.

1.1. Shetland Space Centre Limited (trading and hereinafter referred to as "SaxaVord Spaceport" or "SaxaVord") seeks to conduct vertical launch operations for orbital and sub-orbital activities from SaxaVord Spaceport on Lamba Ness, Unst. A suitable airspace reservation of defined dimensions is required to ensure the safety of other airspace users from SaxaVord launch activities and to ensure the safety of SaxaVord launch activities from other airspace users. The proposed airspace reservation would be activated for the minimum specified periods necessary to support nominated launch operations and would extend from surface (SFC) to unlimited (UNLTD).

1.2. As part of the CAP1616 Stage 1 process, SaxaVord considered and engaged relevant stakeholders to discuss the outline of the proposal and establish and share the proposed airspace design principles (DPs).

1.3. At Stage 2A of the CAP1616 process SaxaVord developed the design options for the airspace change and tested them with Stakeholders. Subsequently, at Stage 2B, SaxaVord carried out an options appraisal for the designs against requirements set by the CAA in an iterative approach. SaxaVord successfully completed the Stage 2 Gateway on 7 December 2022.

1.4. At Stage 3 of the ACP process, SaxaVord consulted aviation and non-aviation stakeholders to identify, discuss and, where necessary, mitigate any subsequent impact(s) that activation of the proposed airspace design might have on stakeholders and their respective activities and operations.

2. Purpose.

2.1. The purpose of this report is to demonstrate that SaxaVord has carried out a fair, transparent and comprehensive review and categorisation of the Stage 3 stakeholder consultation responses received.

2.2. The overarching principle(s) of SaxaVord's consultation activity with stakeholders sought to address positive and potentially negative impacts on stakeholders (and their respective operations and activities) by providing sufficient source materials and commentary to enable informed objective responses to be received that would inform SaxaVord's airspace design.

2.3. SaxaVord's approach to its Stage 3 consultation activities was set out in its <u>Stage Consultation</u> <u>Strategy</u> document.

3. CAP1616 Stage 3 "Consult" Objectives.

3.1. The overriding aim is to ensure that anyone (or organisation) who might be impacted by the proposed airspace change can see and understand what is being proposed and respond in the knowledge that the CAA is holding the change sponsor to account against the requirement to facilitate a meaningful consultation.

3.2. The objective of the ACP-2017-079's consultation process was to consult the application's stakeholders (aviation and non-aviation) on the potential impact(s) of the proposed airspace design on their respective operations and activities.

3.3. At Step 3C, SaxaVord implemented its consultation strategy and launched the consultation period on 18 Apr 23, which lasted for 8 weeks. The consultation period concluded on Mon 12 Jun 23.

3.4. At Step 3D, SaxaVord consultation responses are collated, reviewed and categorised.

4. Audience - the Stakeholders.

4.1. The list of the Application's stakeholders is provided at Appendix 1. For each stakeholder, a primary point of contact (POC) was established and, where possible, this included a name and email





address, as a minimum. SaxaVord acknowledges that that "seldom-heard groups", by their very nature, are difficult to identify and reach - see Section 5, below.

5. Consultation Approach.

5.1. *Consultation Strategy and Full Options Appraisal.* At Stage 3, SaxaVord's aim was to ensure that the Application's stakeholders could participate fully in the consultation activity. This approach was articulated clearly in SaxaVord's Stage 3 <u>Consultation Strategy document</u>. SaxaVord's <u>Full Options</u> <u>Appraisal</u> set out the evolution of the proposed design and the rationale for the proposed design to be consulted upon.

5.2. *Stakeholder Consultation Materials*. SaxaVord produced a common set of <u>consultation</u> <u>materials</u> for all stakeholders and made the materials available on the ACP-2017-079 portal and through the Citizen Space platform. In the consultation materials, stakeholders were reminded that ACP-2017-079's Stage 3 consultation process pertained solely to the proposed airspace design.

5.3. *Citizen Space Platform and Online Survey Questionnaire*. The main consultation route was through the Citizen Space platform and the corresponding survey questionnaire therein. Email, written, website and social media correspondence directed stakeholders to the questionnaire and related materials on Citizen Space. Copies of SaxaVord's introductory and reminder emails to all stakeholders are provided at Appendix 2. SaxaVord's website news update and information flyer for all households on the island of Unst directing readers and recipients to the Citizen Space platform and online survey questionnaire are provided at Appendices 3 and 4, respectively. In addition to all households on Unst, information flyers were displayed and made available at the following Unst retail outlets:

- a. H Henderson, Baltasound.
- b. Skibhoul Stores, Baltasound.
- c. Final Checkout, Baltasound.

5.4. Additional Local Consultation Notification and Activities. Copies of SaxaVord's social media (LinkedIn and Twitter), the Shetland News website and local radio adverts (*in lieu* of CEO radio interview) are provided at Appendices 5, 6 and 7. Shetland Times did not run a dedicated piece on SaxaVord's airspace consultation but did carry articles that related to ongoing activities associated with the Spaceport, for example, attendance at a meeting of the Unst Community Council; these articles are provided at Appendix 8. Consultation was not included in Saxa Voice as was originally stated in the Consultation Strategy as it was deemed that SaxaVord's social media had a bigger outreach.

5.5. *Print Versions*. The availability of print versions of all of the consultation materials, supporting documentation and questionnaire was highlighted on the SaxaVord website, social media, local radio and print media and leaflets distributed to the shops noted at Paragraph 5.3 and all Unst households. As a result, SaxaVord received 5 requests for hard copies, which were duly sent out.

5.6. *Virtual Meetings and ad hoc Communications*. Stakeholders were offered the ability to request and conduct either virtual meetings or *ad hoc* communications with SaxaVord at Stage 3; no such requests were received.

5.7. *Consultation Responses*. Consultation responses (i.e. survey questionnaires) were requested through the Citizen Space platform.

a. *Online Questionnaire*. Responses received through the Citizen Space platform were managed by the platform and moderated by CAA, published and analysed with the other stakeholders' responses.





b. Offline (i.e. Printed) Questionnaire. Where survey questionnaires were received through means other than the Citizen Space platform, SaxaVord added the responses to the platform so that they could be moderated by the CAA, published and analysed with the other stakeholders' responses.

SaxaVord's management, categorisation and analyses of stakeholder responses is discussed further at Section 6, below.

5.8. *Timescales*. SaxaVord commenced stakeholder consultation on Tue 18 Apr 23 and concluded on Mon 12 Jun 23.

6. Consultation Responses.

6.1. SaxaVord received 16 survey questionnaire responses through the Citizen Space platform, one handwritten survey response, which was uploaded to Citizen Space. One survey questionnaire was supplemented by an email from the respondent and 3 email responses were received from other stakeholder organisations.

6.2. The 17 Citizen Space platform questionnaire responses are provided at Appendix 8 and the 4 email responses are at Appendix 9.

6.3. SaxaVord collated, reviewed and categorised all responses.

7. Categorisation of Consultation Responses.

7.1. CAP1616 requires ACP sponsors to categorise consultation response data formally into those that might impact the proposed airspace design and, therefore, the final ACP submission and those that do not. At this point SaxaVord has sub-categorised responses that could impact on the ACP into those that would lead to changes to the overall submission and those that would not.

7.2. SaxaVord reviewed and analysed all the data received from the ACP-2017-079 Stage 3 consultation. Responses have been categorised using the following definitions:

a. *Response Might Impact Proposed Design and Final ACP Submission*. Any response that had the potential to impact the final submission was placed into this category. Each response is then further categorised into the following:

(1) <u>Impacted</u>. A proposal from a stakeholder that would impact the management of the airspace or alter the size, shape or construct of the final design that had not already been considered.

(2) <u>Not Impacted</u>. A proposal from a stakeholder that would impact the management of the airspace or alter the size, shape or construct of the final design but had already been considered, discounted or implemented at an earlier stage of this ACP.

b. *Response Does Not Impact Proposed Design and Final ACP Submission*. This category applied to all responses that did not impact on the proposed design and/or the final ACP submission.

7.3. In undertaking the categorisation of responses, SaxaVord sought to address any identified issues, either by mitigating the issue to the greatest extent possible (with an appropriate rationale), or by rejecting the issue on justifiable grounds.

7.4. SaxaVord were cognisant that responses that did not impact the final proposal might still contain valuable information, e.g. notification and communications requirements. Consequently, SaxaVord sought to capture and identify key themes from the consultation feedback even if they were contained in responses which did not impact the final proposal.





8. Stage 3 Stakeholder Survey Questionnaire Responses.

8.1. Stakeholders were reminded in the stakeholder materials that ACP-2017-079's Stage 3 consultation process pertained solely to the proposed airspace design. This overarching tenet was applied during the categorisation of stakeholder responses, especially those responses that centred around spaceport planning and/or local environmental concerns. SaxaVord's analysis was based on whether the response was directed solely to design of the proposed airspace and responses to Q8 and Q15.

8.2. *Question 8.* "To what extent do you agree that the proposed permanent airspace design provides a sufficient airspace volume to protect launch operations from other airspace users and vice versa?"

a. *"Strongly Agree", "Agree" and "Neutral".* Questionnaires that returned "Strongly Agree", "Agree" and "Neutral" responses to Question 8 were deemed to acknowledge that the airspace design did not need amendment. Comments associated with these responses were noted and continue to be addressed through ongoing discussions and the development of LOAs/MOUs between SaxaVord and the relevant parties.

b. *"Disagree" or "Strongly Disagree"*. Questionnaires that offered either "Disagree" or "Strongly Disagree" to Question 8 were analysed more forensically to determine what the key drivers were for such a response. Similarly, SaxaVord"s analyses of these responses sought to understand and, where possible, consider potential aviation-related mitigations.

8.3. *Question 15.* "In general terms, to what extent do you/does your organisation support the proposed permanent airspace design?"

a. *Q15 - "Strongly Support", "Support" and "Neutral".* Questionnaires that returned " Strongly Support", "Support" and "Neutral" to Question 15 were deemed to acknowledge their support (or lack of objection) to the proposal.

b. *Q15 - "Object" or "Strongly Object"*. Questionnaires that returned " Strongly Object" or "Object" to Question 15 were analysed more forensically to determine what the key drivers were for such a response. Similarly, SaxaVord's analyses of these responses sought to understand and, where possible, consider potential aviation-related mitigations.

8.4. *Response Data.* The categorised survey questionnaire responses, comments and SaxaVord's justifications/comments are provided at Appendix 8. Three email responses and supplementary email from NATS were also received and are provided at Appendix 9.





8.5. Summary of Stage 3 Stakeholder Survey Questionnaire Responses Categorisation and Analyses. Table 1, below, offers a summary of the categorisation and analyses of the Stage 3 stakeholder survey questionnaire responses.

ID No	Q8 Response	Q15 Response		Impact Proposed CP Submission	Response Does Not Impact ACP	Sponsor's Remarks/Comments
			Impact	No Impact		
ID1	Agree	Support			~	Categorisation. Response does not impact the ACP.
						Respondent is supportive. Proffered notification and operation suggestions noted and will inform ongoing engagements with between SaxaVord and the relevant parties.
ID2	Neutral	Support			~	Categorisation. Response does not impact the ACP.
						Respondent is supportive. Proffered notification and operation suggestions noted and will inform ongoing engagements with between SaxaVord and the relevant parties.
ID3	Agree	Strongly Support			~	Categorisation. Response does not impact the ACP.
						Respondent is supportive. Proffered notification suggestion noted and is the subject of ongoing engagement between SaxaVord and the relevant parties.
ID4	Neutral	Neutral		\checkmark		Categorisation. Response does not impact the ACP.
						Respondent is "Neutral" about (and, therefore, does not object to) the sufficiency of the airspace design. See additional comments in Appendix 8, ID4.
ID5	Neutral	Neutral			~	Categorisation. Response does not impact the ACP.
						Respondent is supportive. Proffered notification and operation suggestions noted and will inform ongoing engagements with between SaxaVord and the relevant parties.
ID6	Strongly Agree	Strongly Support				Categorisation. Response does not impact the ACP.
					×	Respondent is strongly supportive.
ID7	Strongly Agree	Strongly Support				Categorisation. Response does not impact the ACP.
					•	Respondent is strongly supportive.





ID No	Q8 Response	Q15 Response		Impact Proposed CP Submission	Response Does Not Impact ACP	Sponsor's Remarks/Comments
			Impact	No Impact		
ID8	Neutral	Strongly Object			~	Categorisation. Response does not impact the ACP.
						Respondent is ""Neutral"" about (and, therefore, does not object to) the sufficiency of the airspace design and offers no actionable feedback on the proposed airspace design. See additional comments in Appendix 8, ID8.
ID9	Strongly Agree	Strongly Support			~	Categorisation. Response does not impact the ACP.
						Respondent is strongly supportive. Proffered notification and operation suggestions noted and continue to inform ongoing engagements with between SaxaVord and the relevant parties.
ID10	Neutral	Neutral			~	Categorisation. Response does not impact the ACP.
						Respondent is ""Neutral"" about (and, therefore, does not object to) the sufficiency of the airspace design and the proposal in general. Respondent's comments regarding notification, coordination and future environmental-focused collaboration are noted and will inform the necessary engagement with between SaxaVord and the relevant parties.
ID11	Strongly Agree	Strongly Support			~	Categorisation. Response does not impact the ACP.
						Respondent is strongly supportive.
ID12	Agree	Neutral			~	Categorisation. Response does not impact the ACP.
						Respondent agrees with the sufficiency of the proposed airspace design, but expresses neutrality over their support to the proposal. Proffered notification, coordination and operation observations are noted and continue to inform ongoing engagements between SaxaVord and the relevant parties.





ID No	Q8 Response	Q15 Response		Impact Proposed CP Submission	Response Does Not Impact ACP	Sponsor's Remarks/Comments
			Impact	No Impact		
ID13	Neutral	Strongly Object		\checkmark		Categorisation. Response does not impact the ACP.
						Respondent is "Neutral" about (and, therefore, does not object to) the sufficiency of the airspace design. See additional comments in Appendix 8, ID13.
ID14	Neutral	Neutral				Categorisation. Response does not impact the ACP.
1014	Neutrai	Neutrai				
						Respondent is ""Neutral"" about (and, therefore, does not object to) the sufficiency of the airspace design and offers no actionable feedback on the proposed airspace design. See additional comments in Appendix 8, ID14.
ID15	Neutral	Neutral			✓	Categorisation. Response does not impact the ACP.
						Respondent is "Neutral" about (and, therefore, does not object to) the sufficiency of the airspace design. See additional comments in Appendix 8, ID15.
ID16	Agree	Support		~		Categorisation. Response does not impact the ACP.
						Respondent agrees with the sufficiency of the proposed airspace design and supports the proposal. See additional comments in Appendix 8, ID16.
ID17	Strongly Agree	Strongly Disagree			~	Categorisation. Response does not impact the ACP.
						Respondent's strong disagreement at Qs 8&9 appear not to consider the overarching concept of safety by exclusion afforded by the proposed airspace reservation, as highlighted in the consultation materials and options appraisal. Respondent's strong objection at Q15 and comments at Q16 are
						focused on the planning and associated environmental impacts of the spaceport, as opposed to the airspace design.

Table 1 - ACP-2017-079 Stage 3 Stakeholder Responses - Analyses, Categorisation and Remarks





8.6. SaxaVord received a total of 17 survey questionnaire responses; 16 questionnaire responses through the Citizen Space platform and a further hand-written questionnaire response, which SaxaVord transposed to Citizen Space. One survey questionnaire was supplemented by an email from the respondent (NATS) and a further 3 email responses were received from other stakeholder organisations, offering that the ACP did not affect their activities:

8.7. *SaxaVord's Categorisation of the Responses*. SaxaVord's categorisation of the responses was guided by the following 2 principles:

- a. The response was directed solely to design of the proposed airspace.
- b. The respondents replied to Questions 8 and 15 in the Questionnaire.

SaxaVord could only categorise airspace and aviation-related comments; those responses that invoked other issues (for example, planning, environmental and non-aviation observations) were acknowledged.

8.8. Of the 17 survey questionnaire responses received and analysed, 14 were categorised "Response Does Not Impact the ACP". The remaining 3 questionnaire responses received were analysed and categorised "Response Might Impact Proposed Design and ACP Submission". SaxaVord's subsequent analysis of these responses and their comments resulted in all 3 being categorised as having "No Impact".

8.9. Respondents' survey questionnaire responses in full and SaxaVord's detailed comments and replies are at Appendix 8.

8.10. The categorisation and analysis of the survey questionnaire responses was that none would impact the proposed airspace design.

9. Conclusion.

9.1. The objective of the ACP-2017-079's consultation process was to consult the application's stakeholders (aviation and non-aviation) on the potential impact(s) of the proposed airspace design on their respective operations and activities. SaxaVord's aim was to ensure that the Application's stakeholders could participate fully in the consultation activity. This approach was articulated clearly in SaxaVord's Stage 3 <u>Consultation Strategy document</u>.

9.2. SaxaVord produced a common set of consultation materials for all stakeholders and made the materials available on the ACP-2017-079 portal and through the Citizen Space platform; this platform was the main consultation route and contained the corresponding survey questionnaire. In addition, the availability of print versions of all of the consultation materials, supporting documentation and questionnaire was highlighted on the SaxaVord website, social media, local radio and print media and leaflets were distributed to all Unst households. This approach ensured that 'seldom heard groups' would be included.

9.3. SaxaVord received 16 survey questionnaire responses through the Citizen Space platform, and one handwritten survey response, which was uploaded to Citizen Space. One survey questionnaire was supplemented by an email from the respondent and 3 email responses were received from other stakeholder organisations, offering that the ACP did not affect their activities.

9.4. SaxaVord collated, reviewed, categorised all responses and conducted an analysis of the results. The Stage 3 stakeholder responses and SaxaVord's analyses thereof concluded that there was no redesign requirement for the ACP-2017-079 proposed airspace reservation.





10. Next Steps.

10.1. At Step 4B of the ACP process, SaxaVord will submit the airspace change proposal to CAA. This consultation report will be included as part of that submission.

List of Appendices:

- 1. ACP-2017-079 Stakeholders.
- 2. ACP-2017-079 SaxaVord Stage 3 Emails To Stakeholders.
- 3. SaxaVord Website Update.
- 4. SaxaVord Airspace Change Flyer for Unst Households.
- 5. SaxaVord Social Media Posts.
- 6. Shetland News Website.
- 7. Shetland Island Local Radio Advert.
- 8. ACP-2017-079 Stage 3 Stakeholder Survey Questionnaire Responses.
- 9. ACP-2017-079 Stage 3 Stakeholder Email Responses.





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Appendix 1 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

ACP-2017-079 STAKEHOLDER LIST

Avn/ Non-Avn	Organisation	Role/Title	Name	Email Address
Aviation	Aircraft Owners and Pilots Association (AOPA)			
Aviation	Airlines for Europe (A4E)	Generic Contact		
Aviation	Airport Operators Association (AOA)			
Aviation	Airspace Change Organising Group (ACOG)			
Aviation	Airspace4All (A4A)			
Aviation	Airtask (includes Direct Flight Ltd)	Head of Business Development and Safety		
Aviation	Association of Remotely Piloted Aircraft Systems UK (ARPAS-UK)			
Aviation	Aviation Environment Federation (AEF)			
Aviation	Avinor			
Aviation	Babcock International	Head of Flight Operations		
Aviation	Bristows Helicopters - Sumburgh			
Aviation	British Airways (BA)			
Aviation	British Balloon and Airship Club (BBAC)			
Aviation	British Business and General Aviation Association (BBGA)			
Aviation	British Glider Assoc (BGA)			
Aviation	British Hang-glider & Paraglider Assoc. (BHPA)			
Aviation	British Helicopter Association (BHA)	CEO		
Aviation	British Microlight Association (BMAA)			
Aviation	British Model Flying Association (BMFA)			







Avn/ Non-Avn	Organisation	Role/Title	Name	Email Address
Aviation	British Skydiving (BPA - Parachute Assoc)			
Aviation	САА	Airspace Change Account Manager		
Aviation	Canadian Helicopter Corp (CHC)			
Aviation	Danish Armed Forces	Staff Officer Air Traffic Management		
Aviation	Danish Ministry of Transport			
Aviation	Eurocontrol			
Aviation	Flylogix	Ops Director		
Aviation	GAMA Aviation			
Aviation	General Aviation Alliance (GAA)			
Aviation	Helicopter Club of Great Britain (HCGB)			
Aviation	Highland & Islands Airports Limited (HIAL)			
Aviation	Spacehub Sutherland (previously listed as Highland & Islands Enterprise Limited (HIEL))			
Aviation	Honourable Company of Air Pilots (HCAP)	Generic Contact		
Aviation	Icelandic CAA			
Aviation	Isavia			
Aviation	Large Model Association (LMA)	LMA Secretary		
Aviation	Light Aircraft Association (LAA)			
Aviation	Loganair			
Aviation	MOD - Defence Airspace and Air Traffic Management (DAATM)	SO2 Airspace Plans, DAATM		
Aviation	NATO Air Comd	Static Air Defence Centre, CAOC UEDEM		
Aviation	NATS	Swanwick/Prestwick		
Aviation	Noordzee Helikopters Vlaanderen (NHV)			
Aviation	Norway CAA	Senior Inspector ATM		







Avn/ Non-Avn	Organisation	Role/Title	Name	Email Address
Aviation	PDG Aviation			
Aviation	Qinetiq Ltd			
Aviation	Shetland Flyer			
Aviation	Tingwall Airfield	AFISO		
Aviation	UK Space Agency			
Aviation	Windracers	Operations & Regulatory Specialist		
Non-Aviation	Compass Rose Charters			
Non-Aviation	Danish Ministry of Environment	Ocean Office/Mads Thelander, EU and International Office		
Non-Aviation	Govt of the Faroe Islands	Ministry of Environment, Industry and Trade		
Non-Aviation	Lamba Ness Common Grazings			
Non-Aviation	Lerwick Port Authority			
Non-Aviation	Maritime Coastguard Agency (MCA)	Station Cdr Shetland		
Non-Aviation	Met Office			
Non-Aviation	Ministry of Foreign Affairs of the Government of Greenland			
Non-Aviation	Natural Environment Research Council (NERC)	Generic Contact		
Non-Aviation	Northern Lighthouse Board	Generic Contact		
Non-Aviation	Norway - Royal Ministry of Trade, Industry and Fisheries, Research and Innovation Department (initially sole NOR POC)	Coordinator of response on future airspace and maritime activities		
Non-Aviation	Ocean Kinetics			
Non-Aviation	Offshore Energies UK	Generic Contact		
Non-Aviation	Offshore Petroleum Regulator for Environment & Decommissioning (OPRED)	Generic Contact		
Non-Aviation	North Sea Transition Authority (previously the Oil & Gas Authority)	Generic Contact		







Avn/ Non-Avn	Organisation	Role/Title	Name	Email Address
Non-Aviation	Oil & Gas UK			
Non-Aviation	Police Scotland	Police Constable		
Non-Aviation	PURE Energy Centre			
Non-Aviation	RNLI	Generic Contact		
Non-Aviation	RSPB	Generic Contact		
Non-Aviation	NHS Scottish Ambulance Service	Lerwick Ambulance Service		
Non-Aviation	NHS Scottish Ambulance Service (Air Ambulance)	NHS Health Scotland (Service Head of Air Ambulance)		
Non-Aviation	Scottish Govt (MSP Highland & Islands)	Wider Local MSP		
Non-Aviation	Scottish Govt (MSP Shetland)	Local MSP		
Non-Aviation	Scottish Natural Heritage			
Non-Aviation	Scottish Ornithologists' Club (SOC)	President		
Non-Aviation	Scottish Wildlife Trust			
Non-Aviation	Scottish Environmental Protection Agency (SEPA)			
Non-Aviation	Shetland Amenity Trust			
Non-Aviation	Shetland College/NAFC			
Non-Aviation	Shetland Fishermen's Association			
Non-Aviation	Shetland Islands Council	Ferries, airports and port engineering		
Non-Aviation	Shetland Oil Terminal Environmental Advisory Group (SOTEAG)			
Non-Aviation	UK Govt (MP Orkney & Shetland)			
Non-Aviation	UK Research & Innovation (UKRI)			
Non-Aviation	Unst Community Council	Clerk		
Non-Aviation	Unst Partnership Ltd	Chairman		

Table 2 - ACP-2017-079 Stakeholders



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Appendix 2 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

ACP-2017-079 SAXAVORD STAGE 3 EMAILS TO STAKEHOLDERS

1. Introductory Email on 18 Apr 23.

SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER CON...

CD	SaxaVord Permanent ACP	\odot	← Reply	≪ Reply All	→ Forward	
SP	To O SaxaVord Permanent ACP				Tue 18/04/202	23 16:0
	Bcc					

(i) This is the most recent version, but you made changes to another copy. Click here to see the other versions. Reply by 02 June 2023 06:00. You replied to this message on 02/05/2023 13:53.

Good afternoon,

Introduction. Shetland Spacecentre Limited (hereinafter referred to as "SaxaVord Spaceport" or "SaxaVord") seeks to conduct vertical orbital and sub-orbital launch operations from SaxaVord Spaceport on Lamba Ness, Unst, Shetland Islands. A suitable airspace reservation of defined dimensions is required to ensure the safety of SaxaVord launch activities from other airspace users and to ensure the safety of other airspace users from SaxaVord launch activities. A corresponding airspace change proposal (ACP) was initiated (<u>ACP-2017-079</u>) with the UK's Civil Aviation Authority (CAA) under the UK CAA's <u>CAP1616</u> process. The Application has now progressed to the "Consult" stage (i.e. Stage 3), and your organisation has been identified as one of the stakeholders with whom SaxaVord seeks to consult at Stage 3.

CAP1616 Stage 3 "Consult". Stage 3 is where SaxaVord undertakes its formal consultation with stakeholders. As part of its Stage 3 Consultation Strategy, SaxaVord has planned its stakeholder consultation and developed a series of related documents and materials. The CAA reviewed and approved SaxaVord's consultation strategy and materials on 18 Apr 23. Accordingly, SaxaVord is now implementing its consultation strategy and consulting its stakeholders, affording them the opportunity to provide relevant and timely feedback to enable SaxaVord to conduct its final options appraisal (i.e. Stage 4).

Application information and Stage 3 stakeholder consultation materials can be found on the Shetland Spacecentre (SaxaVord Spaceport)'s <u>ACP-2017-079</u> page of the UK CAA's Portal at the following links:

ACP-2017-079 Stage 3 Stakeholder Materials.

ACP-2017-079 Full Options Appraisal

Stakeholder Consultation and Survey Questionnaire. The CAA directs the use of the "Airspace Change Citizen Space" platform to support sponsors' Stage 3 consultation processes. Consequently, SaxaVord's Stage 3 survey questionnaire is hosted on Citizen Space and can be accessed through the following link: <u>https://consultations.airspacechange.co.uk/saxavord-spaceport/saxavord-spaceport-airspace-reservation</u>, which is also contained in the stakeholder consultation materials (linked above).

Your feedback and comments at Stage 3 will not only be welcomed, but will also allow SaxaVord to understand how your activities and operations might be impacted by the activation of the proposed airspace design. Moreover, your feedback will enable SaxaVord to consider and, where possible, develop appropriate mitigations to minimise identified impact(s).

Stakeholders should note that the consultation process pertains solely to the ACP's proposed airspace design.

Timeline. The consultation period will remain open for 8 weeks and will conclude on <u>Mon 12 Jun 23</u>, after which the survey questionnaire will no longer be available. The scaled consultation period reflects the significant level of engagement and consultation to date on SaxaVord spaceport activities and its proposed airspace design(s), which have been notified previously to stakeholders.

Conclusion. In anticipation, thank you for completing your consultation response. Your response will be held and managed in the strictest confidence and in accordance with extant UK Data Protection guidance.

In the interim, please feel free to contact us if you have any further questions relating to this stage of ACP-2017-079's CAP1616 process.

On behalf of the Shetland Spacecentre Ltd (SaxaVord Spaceport), for the purposes of ACP-2017-079's CAP1616 application and associated processes.







PROTECT



2. Reminder Emails on 2 May and 6 Jun 23.

RE: SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER C...

	SaxaVord Permanent ACP	\odot	← Reply	Reply All	\rightarrow Forward	
SP	To SaxaVord Permanent ACP Bcc				Tue 06/06/202	23 16:21
(i) You re	plied to this message on 06/06/2023 16:31.					

Good afternoon,

Our sincere thanks to all who have completed the online questionnaire and those who have submitted responses bilaterally. Stakeholders are reminded that the consultation window for SaxaVord Spaceport's proposed airspace design will close on Monday 12th June 2023.

In anticipation, very many thanks.

On behalf of the Shetland Spacecentre Ltd (SaxaVord Spaceport), for the purposes of ACP-2017-079's CAP1616 application and engagement processes.





From: SaxaVord Permanent ACP Sent: Tuesday, May 2, 2023 1:53 PM To: SaxaVord Permanent ACP <<u>saxavordpacp@avisu.co.uk</u>> Subject: RE: SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER CONSULTATION

Good afternoon, ladies and gentlemen,

Thank you to those who have completed and submitted their online questionnaires. Stakeholders are reminded that the consultation window remains open until Monday 12th June 2023.

In the interim, please feel free to contact us if you have any further questions relating to this stage of ACP-2017-079's CAP1616 process.

On behalf of the Shetland Spacecentre Ltd (SaxaVord Spaceport), for the purposes of ACP-2017-079's CAP1616 application and associated processes.

http://www.avisu.co.uk/





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Appendix 3 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

SAXAVORD SPACEPORT WEBSITE - ACP-2017-079 STAGE 3 NEWS UPDATE







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Appendix 4 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

SAXAVORD AIRSPACE CHANGE FLYER FOR UNST HOUSEHOLDS

SaxaVord Spaceport Airspace Change Proposal Progresses to Stage 3 "Consult"



To support SaxaVord Spaceport's future vertical space launch operations from Lamba Ness, Unst, a suitable airspace reservation of defined dimensions is required to ensure the safety of other airspace users from launch activities and vice versa.

In 2017, SaxaVord embarked on the UK Civil Aviation Authority (CAA)-mandated airspace change process, which is set out in Civil Aviation Publication 1616 (CAP1616).¹ SaxaVord's application for a suitable airspace reservation has now progressed to "Stage 3" of the CAP1616 process, where SaxaVord consults with those interested parties, including local communities. In the light of responses, SaxaVord may modify its proposed airspace design, before making the formal submission (i.e. Stage 4) of the proposal to the CAA for their decision.



 The UK CAA's regulatory document pertaining to airspace changes is Civil Aviation Publication 1616 (CAP1616), which sets out - inter alla - airspace change sponsors' responsibilities and actions and CAA's regulatory and process requirements for UK airspace change proposals.







HAVE YOUR SAY

SaxaVord welcomes feedback and comments at Stage 3 of this application, and has created a corresponding set of consultation materials, which may be accessed on CAA's airspace change proposal on its website www.caa.co.uk under the tab Airspace. All documentation related to this application may be found there. There is also a simple, straight-forward survey questionnaire for stakeholders to complete.

The CAA directs the use of the "Airspace Change Citizen Space" site to support all Stage 3 consultation processes; the questionnaire may also be accessed via this QR code:

The consultation window will close on Monday 12th June 2023.



If you are unable to access the internet, please call +44 01806 220 403 for support and guidance.



What happens next with SaxaVord's Airspace Change Application?

Stakeholders' feedback and responses will be collated and reviewed, and, where appropriate, will inform the finalised airspace design, which is scheduled to be submitted to CAA at the end of June 2023.









Appendix 5 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

SAXAVORD SOCIAL MEDIA POSTS

1. LinkedIn.



To support SaxaVord Spaceport's future vertical space launch operations from Lamba Ness, Unst, a suitable airspace reservation of defined dimensions is required to ensure the safety of other airspace users from launch ac ...see more

SaxaVord Spaceport Airspace Change Proposal Progresses to Stage 3 "Consult"



To support SaxaVord Spaceport's future vertical space launch operations from Lamba Ness, Unst, a suitable airspace reservation of defined dimensions is required to ensure the safety of other airspace users from launch activities and vice versa.

In 2017, SaxaVord embarked on the UK Civil Aviation Authority (CAA)-mandated airspace change process, which is set out in Civil Aviation Publication 1616 (CAP1616).¹ SaxaVord's application for a suitable airspace reservation has now progressed to "Stage 3" of the CAP1616 process, where SaxaVord consults with those interested parties, including local communities. In the light of responses, SaxaVord may modify its proposed airspace design before making the formal

Airspace Change consultation

saxavord.com - 1 min read

Figure 1 - SaxaVord LinkedIn Post



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2. Twitter.

Unst, a suitable airspace rese	ort's future vertical space launch o ervation of defined dimensions is re Inch activities and vice versa.	
	Aviation Authority-mandated airspa ultation. Head to our website via th	
		i
To support	RD.COM Consultation – Saxa Drt SaxaVord Spaceport's future ve nba Ness, Unst, a suitable airspace ons is required to ensure the safety	rtical space launch operations reservation of defined
Airspac To suppo from Lan	ce Change consultation – Saxa ort SaxaVord Spaceport's future ve nba Ness, Unst, a suitable airspace	rtical space launch operations reservation of defined
Airspac To support from Lan dimensio	ce Change consultation – Saxa ort SaxaVord Spaceport's future ve nba Ness, Unst, a suitable airspace	rtical space launch operations reservation of defined

Figure 2 - SaxaVord Twitter Post





Appendix 6 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

SHETLAND NEWS WEBSITE

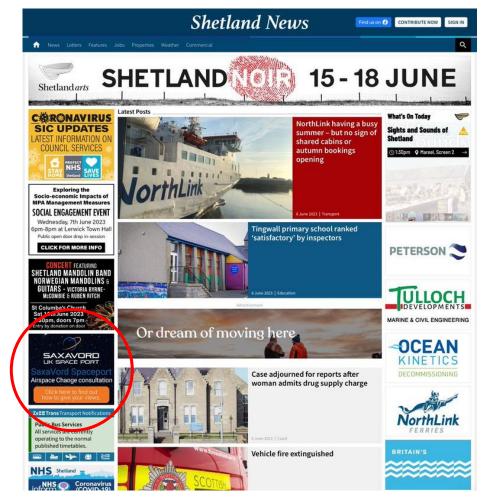


Figure 3 - Shetland News Website





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Appendix 7 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

SHETLAND ISLANDS LOCAL RADIO ADVERT

[.wav file forwarded to CAA separately]





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ACP-2017-079 STAGE 3 STAKEHOLDER SURVEY QUESTIONNAIRE RESPONSES

Citizen Space Online Survey Questionnaire.

ID	Q1	What is your name?		Q2		responding as an , or do you represent an ion?	Q3	an orga	re responding on behalf of nisation, what is the name rganisation?	Q4	What is your email address?	Q5	What is your/your of postcode?			
	Q7	SaxaVord seeks dired from aviation and r stakeholders, alike. describes your assou this proposed permane change?	non-aviation What best ciation with	Q8	To what e the pr airspace sufficient protect la	extent do you agree that oposed permanent design provides a airspace volume to sunch operations from space users and vice	Q9		explain your response to Q	3.						
	Q10	SaxaVord is keen to m	iitigate the im	pact of it	s operation	on its stakeholders. Wl	hat mitiga	ations wou	ld you suggest that could a	ameliorate	meliorate any concern(s) that you/your organisation might have?					
	Q11			ocesses between Saxa have on ASM procedure			nt parties continued to be n?	Q12	Whilst letters of agreement (LOA continued to be discussed and d							
	Q13 What feedback, if any, do you have on the ope				erating prin	ciples of the proposed p	permanen	nt airspace	reservation?	Q14	What additional general consider airspace change proposal?	rations mi	ight you/your organisa			
	Q15	proposed permanent airspace design?				ganisation support the	Q16	Please	explain your response to Q	15 Pleas	e comment on your/your/organisa	tion's leve	l of support selection i			
ID	Sponse	Sponsor Categorisation, Assessment and Remarks/Commer														
	Respor to imp ideas	Response Might Impact Proposed Design and ACP Submission Responses which have been categorised as having the potenti- to impact on the proposal would include new information of ideas that the change sponsor believes could lead to a adaptation in a lead design option or a new design option.				Response Does N	ot Impact	t ACP		Sponsor's Remarks/Comments						
	The c	Impact hange sponsor must	The chang	o Impact		The content of this re	snonse w	vould not	Categorisation Sponsor	's assess	ment of response category.					
	show l been	how the response has acted on and what es have occurred to their		the resp ted on a toposal o to m	oonse has nd explain cannot be	include new informat could lead to an ada design option or a new may include other should be logged and example responses v consultation forma sponsors insight to engagement; sentir around trust will help where additional fut may improve relations of historic activity m similar situations in fu sponsor must be abl has heard, understoor responses which do m proposal, and set out of	tion or id aptation in design of information d conside which critic t shoul improve ments i to idention ture enga chips; and hay help uture. The e to show od and co not impac	leas that in a lead ption but ion that ered. For icise the ld give e future identified ify areas agement criticism to avoid e change w how it classified t its final	Sponsor's explanatory re							



Appendix 8 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

organisation's	Q6	If you are responding on behalf of an organisation what is your position/title?
tanding (MOUs) , do you have or	between LOAs an	SaxaVord and the relevant parties ad MOUs for the application?
ation like SaxaV	ord to co	nsider in relation to this permanent
in the text box b	elow.	



Citizen Space Online Survey Responses

ID1	Q1			Q2	Organisat	ion	Q3		Q4		Q5		Q6		
	Q7	Aviation stakeholder		Q8	Agree		Q9	I have no scientific proof either wa	iy but I tru	st you have done modelling					
	Q10	Make sure you activate	e for shortes	t period (consistent v	vith safety									
	Q11	[No comment provided]							Q12	Make sure you have you have one	e with HN	1 Coastguard and their SAR provide	r		
	Q13	[No comment provided]							Q14	[No comment provided]					
	Q15	Support					Q16	It is good for UK	L						
ID1	Sponso	r Categorisation, Assess	ment and F	emarks/	Comments										
	Re	esponse Might Impact P Submi Impact	se Might Impact Proposed Design and ACP Submission ACP ACP Sponsor's Remarks/Comments												
						✓		Categorisation. Response does no	ot impact	the ACP.					
								· · ·		ation and operation suggestions not	ted and	will inform ongoing engagements w	vith betw	een SaxaVord and the relevant	
ID2	Q1			Q2	Organisat	ion	Q3		Q4		Q5		Q6	Chief Pilot	
	Q7	Aviation stakeholder		Q8	Neutral		Q9	Unable to assess this until sighted	on MOU	LOA regarding short-notice access	for SAR	aircraft.			
	Q10	Nil													
	Q11	Nil							Q12	in order to grant clearance into aff link to the JRRC-AR (MCA) would a affected airspace as soon as poss 2. NOTAMs should be issued idea	fected ai also ass sible, and ally at lea	be linked with existing ASM, such th rspace for SAR assets, including he ist in notifying SaxaVord of the requ d for the JRRC-AR to pass access of ast 24hrs prior and no later than 12h ing shift handover and crew briefing	los, fixec uirement learance nrs prior f	wing and UAS air assets. A direct for SAR aircraft to access to SAR assets. to airspace activation, such that	
	Q13	None.							Q14	Continued 24/7 access to Baltaso currently in place.	ound Airf	ield for emergency landing site acce	ess/supp	ort to Unst residents as is	
	Q15	Support					Q16	At this stage, nil objections pendin	g clarifica	tion of MOU/LOA as described in Q	12.				
ID2	Sponso	r Categorisation, Assess	ment and F	emarks/	Comments										
	Re	esponse Might Impact P Submi Impact	ssion	sign and		Response Does Not ACP	Impact			Sponsor's R	emarks/	Comments			
					-	✓		Categorisation. Response does no	ot impact	the ACP.					
										ation and operation suggestions not	ted and	will inform ongoing engagements w	/ith betw	een SaxaVord and the relevant	
								parties				5 5 5 5 5			





 On an average day it can be expected to impact 76 flights, and over 230 flights over a 3-day period. These aircraft would have to reroute either north of the impacted area or decide to fly south of the launch position and to enter Rey all, thereby, flying south of Shetland and into another FIR. In all cases, this would mean a reduction in revenues for Isavia ANS, increased workload for those FIR's taking on the extra traffic and an increase in flight time and fuel be emissions for those airlines needing to operate on a longer and less optimum route. The impact on increased workload for air traffic controllers and safety has not been assessed but could be considerable should traffic levels align. Another item of consideration is that the traffic volume depends on forecasted high level winds. These numbers are, on average, over 400 aircraft on a busy day. However, this number could be a great deal higher with favorable variation. August to October, are among the busiest months of the year with regard to traffic. Financial Implications: Regarding the financial part, service fees are calculated using flown kilometers within Reykjavik CTA. For an average day in July, estimated financial impact on the company could be considerable depending where they would reroute their fleet. For an industry that has suffered tremendous financial losses due to the COVID pandemic over the last two years, therefore, any negative financial impact will be proportionally more significant to our operations at a time when we case setbacks. As a result, this matter is of great concern to us and viewed with the utmost severity. Recommendations: We recommend that launch times be held from 22pm until 8am in order to minimize effects on air traffic. 															
Image: Provide the state of any latent dise; the closure dise; the close; the close; the close; the close; the close; the c	ID3	Q1		Q2	Individual	Q3		Q4		Q5		Q6	[N/A]		
Image:		Q7	Non-aviation stakeholder	Q8	Agree	Q9	From what I have seen so far, airs	pace is cle	ar to th						
Image Image <th< td=""><td></td><td>Q10</td><td>Plenty of warning of any launch o</td><td>late/time.</td><td>Closure of no-go areas.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		Q10	Plenty of warning of any launch o	late/time.	Closure of no-go areas.										
OIS Strangly Support OIS As long as adety measures are in place, but needs this development. It is in a unique position to benefit from it due to is position. ID3 Sponsor Categorisation, Assessment and Remarks/Comments Responsor Database Support Respons		Q11	None at present.					Q12	None.						
ID3 Sponsor Categorisation. Assessment and Remarks/Comments ID3 Sponsor's Remarks/Comments ID3 Sponsor's Remarks/Comments Impact No impact Response Notit Impact Report Remarks/Comments Impact No impact Categorisation. Response does not impact the ACP. Response/is Remarks/Comments Response/is Remarks/Comments IM3 Q1 Q2 Organisation Q3 Q4 Q5 Q6 IV4 Q1 Q2 Organisation Q3 Q4 Q5 Q6 IV4 Q1 Q2 Organisation Q3 Q4 Q5 Q6 Q6 IV4 Q1 Q2 Organisation Q3 Q4 Q5 Q6		Q13	None.					Q14	Don't	know. It has to be safe for all cond	cerned.				
Response Might Impact Propose Design and ACP Submission Response Does Not Impact ACP Sponsor's Remains/Comments Impact No Impact Categorisation Response does not impact the ACP. Impact No Impact Categorisation Response does not impact the ACP. Impact Q1 Q2 Organisation Q3 Q4 Q5 Q6 Q7 Aviation stakeholder Q8 Neutral Q9 I'm ot an expert in rocket launces Here are answers regarding a similar darger rare planned to be in used later this year or in the begining of next year. We believe the same applies to this area. Effects an operational/traffic. The area impacted within BIRD FIR is one of the next frequently used airtraffic gareways into the Res/(sivik CTA. The estimated performance of the the impact frequently used airtraffic gareways into the Res/(sivik CTA. The estimated performance of the the impact frequently used airtraffic gareways into the Res/(sivik CTA. The estimated prestrage of aircaff entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of all total traffic entering he impacted area is 15% of al		Q15	Strongly Support			Q16	As long as safety measures are in	place, Uns	t need	s this development. It is in a unique position to benefit from it due to its position. Sponsor's Remarks/Comments . ggestion noted and is the subject of ongoing engagement between SaxaVord and the relevant parties.					
Image: No Impact No Impact Response Does Not Impact ACP Categorisation: Response does not Impact the ACP. Respondent is supportive. Profered notification suggestion noted and is the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of ongoing engagement between SaxaVord and the relevance of the subject of the subject of engage subject of the subject of the subject of engage subject of the	ID3	3 Sponsor Categorisation, Assessment and Remarks/Comments													
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ID4 Q1 Q2 Organisation Q3 Q4 Q5 Q6 Q7 Aviation stakeholder Q8 Neutral Q9 I'm not an expert in rocket launces Here are answers regarding a similar danger area planned to be in used later this year or in the beginning of next year. We believe the same applies to this area. Effects on operations/traffic. The area impacted within BRD FIR is one of the most frequently used air traffic gateways into the Reykjavk CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic on an verage day it can be expected to impact 75 flights, and over 230 flights cover a 3 day period. These aircraft would have to erroute ther most of the impacted area or decide to fly south of the launch position and to enter Rey all, thereby, flying south of Shelland and into another FIR. In all cases, this would mean a reduction in revenues for lawal ANS, increased workload for those FIRS taking on the extra traffic and an increase in flight time and fuels be availed meeting to operate on a longer and less optimum rounces. Q10 Financial traffic Stating and into another FIR. In all cases, this would mean a reduction in revenues for lawal ANS, increased workload for those FIRS taking on the extra traffic and an increase in flight level of the year with regard to tarfaftic. The area impacted bala traffic flog south depends on forecasted high level within All. These numbers are, on average, over 400 aircraft on a busy day. However, this number could be a great deal higher with favorable variation and the traffic valume depends on forecasted high level within Reykjavk CTA. For an average day in July, estimated financial impact on the company could be considerable depending where					✓		Categorisation. Response does no	ot impact i	he ACI	D.					
Q7 Aviation stakeholder Q8 Neutral Q9 I'm not an expert in rocket launces Here are answers regarding a similar danger area planned to be in used later this year or in the beginning of next year. We believe the same applies to this area. Effects on operations/traffic: The area impacted within DRD FIR is one of the most frequently used air traffic gateways into the Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic on an average day it can be expected to impact of duer 230 fights over a 3-day period. These aircraft would next to recrute either north of the impacted area or decide to fly south of the launch position and to enter Rey and low 230 fights over a 3-day period. These aircraft would next to recrute either north of the impacted area or decide to fly south of the launch position and to enter Rey aviation a duer 230 fights over a 3-day period. These aircrafts and safety has not been assesses but could be considerable hour 200 fights over a 3-day period. 010 Financial Impacting the financial loss of thrum route. The impact of traffic. Financial Impact and part, service fees are calculated using flow hillometers within Reykjavik CTA. For an average day in July, estimated financial impact on the company could be considerable bending where they would record the fifteet. 010 Financial Impact Impact and the fifteet. For an industry that has sufficed tremendous financial losses due to the COVID pandemic over the last two years, therefore, any negative financial impact will be proportionally more significant to our operations at a time when we or stackask. As a result, this matter is of great concern to us and viewed with the utrnost severity. <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>Respondent is supportive. Proffer</td><td>ed notifica</td><td>tion su</td><td>iggestion noted and is the subject</td><td>of ongoing engagement between Sa</td><td>axaVord a</td><td>and the relevant parties.</td></t<>							Respondent is supportive. Proffer	ed notifica	tion su	iggestion noted and is the subject	of ongoing engagement between Sa	axaVord a	and the relevant parties.		
Here are answers regarding a similar danger area planned to be in used later this year or in the beginning of next year. We believe the same applies to this area. Effects on operations/traffic: The area impacted within BIRD TIR is one of the most frequently used air traffic gateways into the Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic On an average day it can be expected to impact 76 flights, and over 230 flights over a 3 day period. These aircraft would have to reroute either north of the serifies thating on the exit traffic and into another FIR. In all cases, this would mean a reduction in revenues for Isavia ANS, increased workload for those FIR's taking on the exit traffic and into another FIR. In all cases, this would mean a reduction in revenues for Isavia ANS, increased workload for those FIR's taking on the exit traffic and increase in flight line and fuel be emissions for those airlines needing to operate on a longer and less optimum route. The impact on increased workload for air traffic controllers and safety has not been assessed but could be a great deal higher with favorable v question. August to October, are among the busiest months of the year with regard to traffic. Q10 Financial implications: Regarding the financial part, service fees are calculated using flown kilometers within Reykjavik CTA. For an average day in July, estimated financial impact on the company could be considerable depending where they would reroute their fleet. Por an industry that has suffered tremendous financial losses due to the COVID pandemic over the last two years, therefore, any negative financial impact will be proportionally more significant to our operations at a time when we or setacks. As a result, this matter is of great concern to us and viewed with the utintrust severity.	ID4	Q1		Q2	Organisation	Q3		(24		Q5	Q6	,		
Effects on operations/traffic: The area impacted within BIRD FIR is one of the most frequently used air traffic gateways into the Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic On an average day it can be expected to impact 76 flights, and over 230 flights wore 3-day period. These aircraft would have to reroute either north of the impacted area or decide to fty south of the launch position and to enter Rey An other item of consideration is that the traffic volume depends on forecasted high level winds. These numbers are, on average, over 400 aircraft on a busy day. However, this number could be a great deal higher with regard to traffic. Q10 Financial Implications: Regarding the financial part, service fees are calculated using flown kilometers within Reykjavik CTA. For an average day in July, estimated financial impact on the company could be considerable should traffic elevels align where they would recrute their fleet. Q10 Financial Implications: Regarding the financial losses due to the COVID pandemic over the last two years, therefore, any negative financial impact will be proportionally more significant to our operations at a time when we can set backs. As a result, this matter is of great concern to us and leved with the urmost severity. Recommendations: We recommend that launch times be held from 22pm until 8am in order to minimize effects on air traffic. Further information: Within the impacted area there is a smaller low-level area, called the North Sea Area within both the Reykjavik and Norway FIR's with an upper flight level of 8500 feet. This area is established to serve helicopters rigs in the area. The aircraft fliping in this area are uncontrolled aircraft that, nevertheless, could be affected. Regulator: The regulator for Reykjavik FIR is the lcelandic Transport Authority		Q7	Aviation stakeholder	Q8	Neutral	Q9	l´m not an expert in rocket launces	5							
Q13 If the Icelandic CAA approves a Danger Area within BIRD CTA, a permanent airspace is a good idea. Q14	Effects on operations/traffic: The area impacted within BIRD FIR is one of the most frequently used air traffic gateways into the Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic fying On an average day it can be expected to impact 76 flights, and over 230 flights over a 3-day period. These aircraft would have to reroute either north of the impacted area or decide to fly south of the launch position and to enter Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic flying On an average day it can be expected to impact 76 flights, and over 230 flights over a 3-day period. These aircraft would have to reroute either north of the impacted area or decide to fly south of the launch position and to enter Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic flying On an average day it can be expected to impact 76 flights, and over 230 flights over a 3-day period. These aircraft would have to reroute either north of the impacted area or decide to fly south of the launch position and to enter Reykjavik CTA. The estimated percentage of aircraft entering the impacted area is 16% of all total traffic flying On an average day it can be expected to impact 76 flights, and over 230 flights over a 3-day period. These aircraft would have to reroute either north of the impacted area or decide to fly south of the launch position and to enter Reykjavik CTA. The estimated percentage of aircraft entering the impacted area in flight time and fuel burn and all, thereby, flying south of Shetland and into another FIR. In all cases, this would mean a reduction in revenues for Isavia ANS, increased workload for air traffic controllers and safety has not been assessed but could be considerable should traffic levels align with or Another item of consideration is that the traffic olume depends on forecasted high level winds. These numbers are, on average, over 400 aircraft on a bu										o enter Reykjavik ČTA later or not at e and fuel burn and greenhouse gas levels align with current projections. favorable winds. The time period in e depending on airlines decisions on when we can ill afford any financial				
		Q11	See answer to question nr 10					C	12	See answer to question nr 10					
Q15 Neutral Q16 It is the Icelandic CAA (ICETRA) that has the final say in this.		Q13	If the Icelandic CAA approves a D	anger Area	a within BIRD CTA, a permanent air	space is a	good idea.	C	14						
		Q15	Neutral			Q16	It is the Icelandic CAA (ICETRA) th	at has the	final sa	ay in this.					





ID4	Sponso	or Categorisation, Assessment and	d Remar	ks/Comments										
	F	esponse Might Impact Proposed Submission			Response Does Not I ACP	mpact			Sponsor's Remarks/Comments					
		Impact	No Im	bact	7101									
			•				Categorisation. Response does not impact t							
							<i>Q10.</i> Respondent is "Neutral" about (and, therefore	e, does	es not object to) the sufficiency of the airspace design.					
							by a carefully selected launch window. The <u>Appraisal</u> , Paras 15-37. As offered at the <i>"computations associated with a more detaile</i> , <i>ATM route loading and airline routing policies</i> . <u>Options Appraisal</u> , Paras 40 & 41, appropriate. SaxaVord seeks to minimise impact on other patterns, due to the activation of the propose will seek to optimise all flights' routes based of an ANSP's resource requirements for the dur - Financial Implications. See previous comments	<i>Effects on Operations/Traffic.</i> The data cited at the response to Q10 is noted; however, the data may not necessarily reflect the number of flights potentially impacted y a carefully selected launch window. The identification of the peak hour of the peak day and resultant data and calculations were set out clearly in the <u>Full Options Appraisal</u> , Paras 15-37. As offered at the <u>Full Options Appraisal</u> , Paras 25-28, the rerouting methodology employed was not complex and acknowledged that computations associated with a more detailed analysis are too numerate and, undoubtedly, would be influenced by - inter alia - the prevailing meteorological conditions, <i>TM route loading and airline routing policies/strategies</i> ". Similarly, SaxaVord's assessment of the potentially impacted flights' fuel burn and CO2e is offered at <u>Full</u> <u>ptions Appraisal</u> , Paras 40 & 41, appropriately caveated at Para 42. Seasonal variations are discussed at <u>Full Options Appraisal</u> , Para 20. axaVord seeks to minimise impact on other airspace users by identifying and selecting suitable launch windows of the minimum duration required; any shift in traffic atterns, due to the activation of the proposed airspace design for those short, notified periods would be the purview of EUROCONTROL Network Management, who rill seek to optimise all flights' routes based on airspace reservations across the entire network. SaxaVord acknowledges that a shift in air traffic patterns could impact n ANSP's resource requirements for the duration of small, pre-notified launch window(s), as do other airspace reservations and aerial activities. <i>Financial Implications.</i> See previous comments regarding launch window selection. <i>Recommendations.</i> See previous comments regarding launch window selection.						
ID5	Q1		Q2	Organisation		Q3	C	Q4	Q5 Q6					
	Q7	Non-aviation stakeholder	Neutral		Q9	humidity) from its Observatory in Lerwick (NG	GR 445	balloons carrying instruments measuring atmospheric profiles of pressure, wind speed/direction, temperature 45449E, 1139734N) . These are released daily at 1115UTC and 2315UTC and ascend to around 35km, before burs oblision is very low but one that should be considered and minimised.						
	Q10		er the tra	ajectory of the r	adiosondes that we laur				her balloon), launched from Lerwick, is present in the area of shared airspace. For there to be consultation between the Met Office and the Saxavord Spaceport to avoid a clash between radiosc	onde				
	Q11	[No comment provided]					Q	12	As we have no control over the flight path of the radiosondes, we request consultation with Saxavord arc radiosonde launch times before they take place, on days where a rocket launch is planned. With suffic consultation time, we could reschedule the radiosonde launch times to avoid the airspace if a clash might ap likely. We recommend an SLA between Saxavord and the Met Office, in order to formalise the proces consultation to implement it successfully. There is also the opportunity for Saxaford to request additi radiosonde launches to gather more information on wind speed and direction ahead of rocket launches.	cient pear s of				
	Q13	[No comment provided]					Q	214	[No comment provided - the following text was moved from Q6] My role is to participate in the local planning process as a consultee to protect our meteorological observing si from develpments [sic] that might have an adverse impact on data and services. See https://www.metoffice.gov.uk/services/business-industry/energy/safeguarding	tes				
	Q15	Neutral				Q16	Our main consideration is our radiosonde op	peratio	ions and how we can work together to ensure they and the spaceport operations are successful.					
ID5	Sponso	or Categorisation, Assessment and	d Remar	ks/Comments										
	F	esponse Might Impact Proposed Submission			Response Does Not I ACP	mpact			Sponsor's Remarks/Comments					
		Impact	No Im	Jacl			Categorisation. Response does not impact t	the AC	CP					
					4		Respondent is supportive. Proffered notifica The Met Office (Lerwick) seeks to establish r	ation s notifica Jent di	suggestion noted. Ication and coordination procedures with SaxaVord pertaining to the deconfliction of launch activities and the rele discussion between SaxaVord and the Met Office (Lerwick) has identified no need for an LOA and the Met Office	ease eare				



ecessarily reflect the number of flights potentially impacted ata and calculations were set out clearly in the <u>Full Options</u> ogy employed was not complex and acknowledged that <i>ced by - inter alia - the prevailing meteorological conditions</i> , ally impacted flights' fuel burn and CO2e is offered at <u>Full Full Options Appraisal</u> , Para 20. Indows of the minimum duration required; any shift in traffic the purview of EUROCONTROL Network Management, who cknowledges that a shift in air traffic patterns could impact ace reservations and aerial activities.
tial impact(s) and route charges.
nunity.



ID6	Q1			Q2	Individual		Q3		Q4		Q5		Q6	[N/A]	
	Q7	Non-aviation stakehold	er	Q8	Strongly a	agree	Q9	Legally required							
	Q10	No comment.													
	Q11	None						Q12 None							
	Q13	None						Q14 No further comments							
	Q15	Strongly Support					Q16	Regeneration of the island of Unst							
ID6		r Categorisation, Assess													
	Response Might Impact Proposed Design and ACP Response Does Not Impact Submission ACP Impact No Impact														
						✓		Categorisation. Response does no	ot impact	the ACP.					
								Respondent is strongly supportive							
ID7	Q1			Q2	Individual		Q3		Q4		Q5		Q6	[N/A]	
	Q7	Non-aviation stakehold	er	Q8	Strongly a	agree	Q9	Legally required							
	Q10	No concerns.													
	Q11	None							Q12	No concerns.					
	Q13	No concerns.							Q14	None					
	Q15	Strongly Support					Q16	No concerns.	concerns.						
ID7		r Categorisation, Assess													
	Re	esponse Might Impact Pr Submis Impact		sign and o Impac		Response Does Not ACP	Impact			Sponsor's R	Remarks/C	omments			
						✓		Categorisation. Response does no	nt imnact	the ACR					
								outogonoution. Reoponee doeo na	<u>st impuot</u>	LITE ACF.					





ID8	Q1		Q2	Individual	Q3		Q4		Q5		Q6 [N/A]		
	Q7	Non-aviation stakeholder	Q8	Neutral	Q9	Not qualified to comment.							
	Q10	The environmental impact	t of the spacepor	ts has been considerably underplay	red and its	s impact on internationally importan	t seabird	colonies has not been properly asse	essed, de	espite claims to the contrary.			
	Q11	[No comment provided]					Q12	[No comment provided]					
	Q13	[No comment provided]					Q14 [No comment provided]						
	Q15	Strongly Object			Q16	The whole project is a flawed cond	cept IMVH	IO, with scant regard being shown f	or plann	ing regulations and environmental p	protection.		
ID8	Sponso	r Categorisation, Assessme	ent and Remarks/	Comments									
	R	esponse Might Impact Prop Submissio		Response Does Not	Impact			Sponsor's R	emarks/	'Comments			
		Impact	No Impac	ot ACP									
				✓		Categorisation. Response does no	ot impact	the ACP.					
						Respondent is "Neutral" about (an design.	d, therefo	re, does not object to) the sufficien	cy of the	e airspace design and offers no acti	ionable feedback on the proposed airspace		
						associated consultation. The resp	ondent's		blanning	and associated potential environme	nge process, proposed airspace design and ental impacts of the spaceport, as opposed on.		
							gaged ext	ensively and made available its cor			of Environmental Effects, SaxaVord and its of which Habitats Regulation Assessment		
						The HRA addresses the impact(s)	on biodiv	ersity and forms part of the spacep	ort licen	cing process, which is separate proc	cess.		





ID9	Q1			Q2	Organisat	ion	Q3		Q4		Q5		Q6	Regulatory Specialist		
	Q7	Aviation stakeholder		Q8	Strongly a	agree	Q9	Having read the material for Stake reasonable and effective at securin			nent and visiting the site to fully unde other airspace users.	rstand the impact of the airspace c	hange I b	believe the airspace design is		
f	Q10	The most effective mitig an activation period of o					ation and o	other airspace users would involve a	ictivating	the airs	space for the shortest possible durat	ion. This has been covered in the st	akeholde	er engagement material suggesting		
	Q11	Currently no feedback fo	or ASM.						Q12		mpact of the airspace change on Wi application process.	ndracers operations is minimal. Wir	ndracers	is happy to support the ACP-2017-		
	Q13	Any impact to Windrace can be integrated with the				ed in real time and we l	pelieve op	erations and aircraft movements	Q14	We are happy to support the ongoing ACP as it is.						
	Q15	Strongly Support					Q16				lered in an effective and non disruption the UK. For these reasons Windrace			ows for efficient use of the		
ID9	Sponso	r Categorisation, Assessn	ment and	Remark	s/Comments											
	R	Response Might Impact Proposed Design and ACP Response Does Not Impact Submission No Impact									Sponsor's Remarks	/Comments				
						✓		Categorisation. Response does no	tegorisation. Response does not impact the ACP.							
								Respondent is strongly supportive								
								Proffered notification and operation	on sugges	tions n	noted and continue to inform ongoing	engagements with between Saxa	/ord and	the relevant parties.		
ID10	Q1			Q2	Organisation	1	Q3			Q4	C	15	Q6	Executive Officer		
	Q7	Non-aviation stakeholder	r	Q8	Neutral		Q9	I am not an expert in this field .					•			
	Q10	We would like assurance	es that the	e work ca	arried out by S	SOTEAG would not be je	eopardised	d by the operations of SaxaVord								
-	Q11	[No comment provided]								212	All parties should be properly inform full disclosure.	ned and any impact on other users (or interes	sted parties in the area should have		
	Q13							e environmental assessments. It is nent throughout the operational life		214	[No comment provided]					
-	Q15	Neutral					Q16	I have no strong opinion as long as life.	s measure	es are p	put in place to protect the natural her	itage of the area, and those measu	res are c	ontinuous through the operational		
ID10	Sponso	r Categorisation, Assessm	ment and	Remark	s/Comments											
	R	esponse Might Impact Pro Submise Impact	sion	esign an No Impa		Response Does Not ACP	Impact				Sponsor's Remarks	/Comments				
ŀ						✓		Categorisation. Response does no	ot impact	the AC	P					
								•			es not object to) the sufficiency of th	e airspace design and the proposal	in gener	al.		
			Respondent's comments regarding notification, coordination and future environmental-focused collaboration are noted and will inform the necessary engagement w between SaxaVord and the relevant parties.								rm the necessary engagement with					





ID11	Q1		Q2	Organisation		Q3		Q4		Q5				
	Q7	Non-aviation stakeholder	Q8	Strongly agre	ee	Q9	The site location at Lamba Ness in Unst	has repe	atedly been cited as being ideal g	eographi	cally as there is n			
	Q10	None.				•								
	Q11	None.						Q12	2 None.					
	Q13	None.			Q14	Safety is vital but there is confidence that through the operations safety will be a priority.								
	Q15	Strongly Support				Q16	Shetland welcomes new indust as well as the community of Ur							
ID11	Sponso	or Categorisation, Assessment and	d Remark	ks/Comments				L						
	F	Response Might Impact Proposed Submission	Design a	nd ACP	Response Does Not	Impact		Sponsor's Remarks/Comments						
	Impact No Impact ACP													
					✓		Categorisation. Response does not imp	act the A	CP.					
							Respondent is strongly supportive.							



 Q6

 s nothing to restrict proposed flight trajectories.

 ne necessary regulatory processes in all parts of airspace

 proposal will benefit the UK's space industry development, and the wider country.



	r					r								
ID12	Q1		Q2	Organisatior	ſ	Q3		Q4	Q5					
	Q7	Aviation stakeholder	Q8	Agree		Q9	Based on the consultation mat users.	erial, it ap	pears that the proposed dimensions of the area are sufficient in en					
	Q10							tion/suspension of activity in the event of an Air Policing requirement to cross/acc ement is reached to mitigate these concerns, it should only be airspace manageme						
	Q11	(and involve MOD staff) then the supporting defence. This is som discussion, particularly where a This raises further questions a airspace supporting the comme the following activities: coordin cross border operations; coordin	re is a wid nething the irspace m round go rocial space ating the nation of a night evol urce drain	der question ab nat the Civil Air nanagement as overnance, prio ce activity. Pre- NOTAM activ associated tra ution); attende for a single ev	bout resource allocation rspace Managers are ke ssociated with their prop prities, cost and resource vious space activity i.e. V vity – creations/cancella ining activity – training s ed the biweekly planning ent, so the MOD wishes	ed for the management of the it, required the AMC to carry out ation of specific LOAs to cover th airspace activation; managed s over a 6 month period. These	Q12	Please see response to question 10.						
	Q13	The operating principles of the the the minimum amount of time ne				ary for ea	each specific launch type and for Q14 The MOD wishes to understand what priority these activities launches always receive a high priority, or will it depend on the the sponsor is requesting from the CAA would be useful for the care of							
1	Q15	Neutral				Q16	The MOD does not object to the	e proposal	but wishes to remain neutral in terms of supporting it.					
ID12	Sponso	onsor Categorisation, Assessment and Remarks/Comments												
	R	Response Might Impact Proposed Submission			Response Does Not Impact ACP		Sponsor's Remarks/Comments							
		Impact	No Imp	Jact			Categorisation. Response does							
							Respondent agrees with the sufficiency of the proposed airspace design, but expresses neutrality over their s and operation observations are noted and continue to inform ongoing engagements between SaxaVord and <i>Q10.</i> Operational and asset safeguarding comments noted. <i>Q11.</i> Comments are acknowledged. CAP740 offers that "[t]emporary airspace structures and those struct entities are dealt with on a case-by case basis whilst revised policy is drafted". ¹ SaxaVord, therefore, awaits SaxaVord acknowledges the scale, complexities and differing launch requirements of the Virgin Orbit ac erroneous, for example, there is no launch training sortie requirement and associated demand on MOD resou is no additional training requirement to accommodate the proposed airspace design over and above the rou FIRs/UIRs. NOTAM activity would be correspondingly low, to support up to 30 launches per annum, and Saxa LOAs/MOUs with international partners. <i>Q14.</i> Whilst not directly related to the ACP, a valid observation and one that would be precipitate from subsequent policy and guidance.							



urces (i.e. 78 Sqn). In addition, SaxaVord believes that there utine activation and deactivation of existing SUAs within UK aVord is already well embarked on developing the necessary

the outcome of the CAA's CAP740-related decision and

^{1.} CAP740, Chapter1, Para 1.14 (<u>online</u>), accessed on 27 Jun 23.



1010	01		02	Organization	2	00		04		05					
ID13	Q1		Q2	Organisatio	n	Q3		Q4		Q5					
	Q7	Aviation stakeholder	Q8	Neutral		Q9	the methods and calculations. T or inside the exclusion zone.	he applic	define appropriate exclusion zone cant must as well have third party ges (not minding the area close to	liability	insurance in case the laund				
	Q10	Mitigation on revenue loss	for the ANSP's	s for lost traffi	ic through FIR, that goes	hand in l	th. If necessary in the future to lau nand with increased cost (workload	ınch nort d) for re-ı	to send satellites on the correct orbital track it can be handled						
	Q11	traffic flow will be way me accumulated re-route numb and hour was selected. The calculations do not co different FIR. Hence it's for	ore (for longe bers look like a onsider the los reseen that thi ns at same tin	er period). Th an example for as of revenue f is area will hav ne the ANSP's	ne calculation of number r some best case scenar for one ANSP's against ve negative impact on tra s are fragile and recovering	er of airc rio even t increase affic into s ng from a	only one hour, the implications on raft affected and the calculated hough it is stated that a peak day d revenue for another ANSP in a some FIR's while positive impact accumulated debt from the Covid co2 emission.	Q12	This operation has consequences way beyond its defined d entrants in the ATM have not been regulated so the playing fi danger area for rocket launces [<i>sic</i>]. Even though ICAO supports equal access to the airspace, airspace management and the service provided by the ANS on dividing the cost on high volume of users. Changes cause have severe effect on income						
	Q13	The papers do not mention how the launch and subsequent ditching of the vehicle in the ocean can be done despite the fact that UK is a part of the London convention, the Convention on the Prevention of Marine Pollution by Dumping of Q14 No comment. Wastes and Other Matter.													
	Q15	Strongly Object				Q16	The system is not ready for pern	nanent ai	rea for rocket launces [<i>sic</i>]. Ad-ho	c approv	als while experience is gai				
ID13	Sponse	ponsor Categorisation, Assessment and Remarks/Comments													
	F	Response Might Impact Propo Submissic Impact			Response Does Not ACP	Impact	t Sponsor's Remarks/Comments								
		Impact	NO II II 	Jaci			Categorisation. Response does	not impa	act the ACP						
									fore, does not object to) the suffic	ciency of	the airspace design.				
Q9. SaxaVord's design evolution was articulated and design principles outlined at Stage 2 and, la is no third-party liability required for airspace design. The rationale for the evolution of the pro- application's <u>Full Options Appraisal</u> , Paras 6-14 and in the <u>Stakeholder Consultation Materials</u> , Sliv Q10. The rationale for preferred launch trajectories was highlighted at the application's <u>Stage 2 stakeholder at - inter alia</u> - the application's <u>Full Options Appraisal</u> , Para 39 and in the <u>Stakeholder hoc</u> but scheduled and notified appropriately to the relevant parties. SaxaVord seeks to minimise launch windows of the minimum duration required; any shift in traffic patterns, due to the activat would be the purview of EUROCONTROL Network Management. New market entrants' (include outside the purview of the UK's ACP process.Q11. The identification of the peak hour of the peak day and resultant data and calculations were										tion of the proposed design <u>Materials</u> , Slides 10-14. on's <u>Stage 2 submission</u> , P e <u>Stakeholder Consultation</u> ks to minimise impact on c e to the activation of the pr thrants' (including space ac					

Q11. The identification of the peak hour of the peak day and resultant data and calculations were set out clearly in the <u>Full Options Appraisal</u>, Paras 15-37. As offered at the <u>Full Options Appraisal</u>, Paras 25-28, the rerouting methodology employed was not complex and acknowledged that "computations associated with a more detailed analysis are too numerate and, undoubtedly, would be influenced by - inter alia - the prevailing meteorological conditions, ATM route loading and airline routing policies/strategies. Similarly, "flights' routes would be planned on the ground, prior to departure, to accommodate known airspace reservations and constraints across the whole route of the flights' routes". The ADS-B data source remains subject to International Trade in Arms Regulation (ITAR). SaxaVord seeks to minimise impact on other airspace users by identifying and selecting suitable launch windows of the minimum duration required; any shift in traffic patterns, due to the activation of the proposed airspace design for those short, notified periods would be the purview of EUROCONTROL Network Management.

[Continued Overleaf]



06	
QU	

Inspector Air Navigation Services

mulations. UK CAA has the responsibility to verify/validate unch goes wrong and the vehicle causes damages outside

ould have straight lines all the way to the furthest point.

ad-hoc basis.

er area and needs to consider all implications. These new s not ready for such dramatic decision to define permanent

lay airspace users are the ones paying for the service of The systems in place are extremely expensive and count y such danger area even though activated infrequently can

ained is more appropriate.

e application's <u>Full Options Appraisal</u>, Para 6 (et al). There sign between Stage 2 and Stage 3 was highlighted in the

Para 5. The number of potential launches per annum was ion Materials, Slide 22. Launches will not be conducted *ad* n other airspace users by identifying and selecting suitable proposed airspace design for those short, notified periods actors') monetary contributions to airspace regulators is

\mathcal{O}
SAXAVORD

ID13	Sponsor's Remarks/Comments (contd)
	 Q12. SaxaVord is acutely aware of the far-reaching implications of space launch operations from The Shetland I national, international and EUROCONTROL. In the UK, the CAA is the space regulator, with whom SaxaVord cont licencing and ACP processes. Any shift in traffic patterns, due to the activation of the proposed airspace design EUROCONTROL Network Management. New market entrants' (including space actors') monetary contributions of the UK's ACP process. Reference to ICAO is noted: "ICAO [is] established to help countries share their skies Q13. Covered by extant MOU between HMG and Government of Iceland and marine licensing processes. Q16. The "strongly object" at Q15 is noted. We must guard against confusing permanence of the proposed airs activation. The observation about the "system's" preparedness "for [a] permanent area [for] space rocket [lau system) has a strong pedigree in managing airspace reservations safely and successfully. These and other spa and consulting all of the relevant parties and stakeholders increase understanding on all sides. Launches w appropriately to the relevant parties. The proposed design builds in flexibility of use of the airspace, to manage the known differing LVs' requirements a understanding of LV's airspace requirements continues to mature, so too might the airspace design. Further L would be the catalysts for a future design iteration (either a reduction or an expansion), which would involve an could identify a need to amend, refine and update notification and coordination procedures, including LOAs and I



d Islands and continues to engage with all relevant parties ontinue to engage at every step of - *inter alia* - the spaceport gn for those short, notified periods would be the purview of ns to airspace regulators and ANSPs is outside the purview ies to their mutual benefit".²

irspace reservation (i.e. within an AIP) with permanence of aunches]" is noted. The EUROCONTROL Network (i.e. the pace-launch- related ACPs are the very means of engaging will not be conducted *ad hoc* but scheduled and notified

s at this stage; as the space industry and, in turn, SaxaVord's r LV maturation coupled with Stage 7 PIR data and results an associated ACP, if required. Similarly, Stage 7 activities id MOUs.

^{2.} ICAO (2023), "About ICAO" (online), accessed on 23 Jun 23.



ID14	Q1		Q2	Individua	I	Q3		Q4	Q5		Q6	[N/A]	
	Q7	Non-aviation stakeholder	Q8	Neutral		Q9	consulted do not have the expertis	se to exp	ers who will be affected by this develop ress an opinion. It is also a flawed consult fore the survey excludes large numbers o	ation when it is only accessible by Q	R code a	is is not a real consultation if those being as a large proportion of the local population accessible	
	Q10											vid. Regular public meetings are essential. n has been given to this. It is unacceptable.	
	Q11	No comment. This 'public consult	tation ' i	s a nonsens	e. How can the public I	respond?		Q12	No comment. See above				
	Q13	It seems to me that the Spacepor of the local and wildlife populatic comment on proposed permaner	ons. Ope	erating princ	iples are being sideste	epped on	a regular basis, I'm told. I cannot	Q14	more respect and regular communicati	on with locals. Many folk are turning	g agains	e of the local population. There needs to be st this development as they are fed up with udeness and contempt are unacceptable	
	Q15	Neutral				Q16	More communication is essential	I. Stop th	e rudeness				
ID14	Sponso	or Categorisation, Assessment and	Remark	s/Comment	ts								
	Response Might Impact Proposed Design and ACP Submission Response Does Not Impact ACP							Sponsor's Remarks/Comments					
					✓		Categorisation. Response does r	not impad	t the ACP.				
							design.		- /			nable feedback on the proposed airspace I to all parties and acknowledges a level of	
							SaxaVord engages the local comr to take the opportunity to contact	t and eng		ues to engage locally on a regular b	asis, co	and proactively encourages local residents inducting periodic "town halls", newsletters evelopments and forthcoming activities.	
								ssessme	nt, which actively sought and received s			eport activities, most notably, the planning ilar communications methodologies were	
							Consultation activities on the SaxaVord airspace change proposal included leaflet drops to all households on the island of Unst, which included not only the QR code which the respondent refers, but also a telephone number to enable local residents to get in touch with SaxaVord if they wished to discuss further any aspect of proposed airspace design. Stakeholder consultation materials also cited the spaceport's postal address and a contact email address for those seeking to either discuss the proposed airspace design bilaterally, or receive print versions of the associated materials and/or survey questionnaire.						
	(such as those of the								consultation activity was highlighted to local residents and stakeholders through print media (local newspapers), local radio and at local community meetings use of the Unst Partnership). In addition, leaflets were made available at public venues, such as shops and libraries.				
							communication, engagement and	d consult Vhere alt	ation to ensure that local residents and, ir ernative communication formats and/or	ndeed, all stakeholders are aware of	and cor	employ the most appropriate methods of ntinue to have every opportunity to engage to meet local residents' and stakeholders'	





ID15	Q1		Q2	Organisation	Q3		Q4		Q5			
	Q7	Aviation stakeholder	Q8	Neutral	Q9	Sutherland Spaceport does not size of airspace adequately pro		h evidence for safety/risk impact airspace users.	ts of launcl	ı operations from Sax		
	Q10	Due to similar airspace u they arise.	isage and potentia	ly overlapping launch windows, Su	therland S	Spaceport recognises the potentia	al for range	e and airspace activation conflicts	s, and expe	cts the CAA to establis		
	Q11	None					Q12	None				
	Q13	None					Q14	None				
	Q15	Neutral			Q16		roposal is expected to have limited impact on spaceflight operations from Sutherla spatial airspace usage between UK Spaceports.					
ID15	Sponso	or Categorisation, Assessm	nent and Remarks/	Comments								
	R	esponse Might Impact Pro Submiss		ACP Response Does Not	Impact		Sponsor's Remarks/Comments					
		Impact	No Impac	t ACP								
				✓		Categorisation. Response does	s not impa	ct the ACP.				
					Respondent is "Neutral" about (and, therefore, does not object to) the sufficiency of the airspace design. <i>Q9.</i> .Comment is noted. <i>Q10.</i> Comments are noted. <i>Q16.</i> Comments are noted.							



	Q6										
kavord t	avord to either support or object to the statement that the										
ish proc	esses for a	djudicating any airspace clashes should									
nd Spac	ceport, prov	vided the CAA manages to appropriately									



ID16	Q1		Q2	Organisation	Q3		Q4	Q5						
	Q7	Aviation stakeholder	Q8	Agree	Q9			flexibility to the area required to be segregate gn of boxes later in the response.	d, therefore minimisir					
	Q10	 We would welcome an explanati We believe that areas defined alo a separate PDF version of our resp 	on as to ong traje onse wh	the extent of the areas that will n ctories would resolve this issue. ich includes the edited slide.	need to be a We intende	activated per launch. The orientat ed to show an edited version of S	ion of the b lide 26 as a	ting options available are likely to have a finar poxes also does not lend itself to activating m an example; however, we recognise that diagra eded, as there is no comparable area west of t	inimum airspace as th ams are unable to be					
	Q11	 It is noted that the "launch windo time window, in ASM terms, will ne In the UK ASM is underpinned governance structure does not cate The CAA delegates responsibility Military Airspace Manager through Making to ensure the the MoD can the ATM Network. The AMC do commercial benefit of other airspa It is not clear in the consultation v provide resource within the AMC to 	ed to be by the J er for con for ensui CAP740 deliver (not hav ce users who is ex	applied to the segregation. Clarit oint and integrated concept bet mmercial use of SUA at present. ring the most efficient use of airs). This provides the necessary e defence capability whilst minimis we the expertise, governance of c	y on that w ween NAT space to the expertise to sing the im r authority	ould be welcome S, the CAA and the MoD. This e civil Airspace Manager and the conduct Collaborative Decision pact of segregating airspace on to segregate airspace for the	e the MoD. This Manager and the prative Decision ing airspace on irspace for the Q12 The dynamics of three States/ANSPs being involved could b optimised operating environment is welcome							
	Q13	No comment					Q14	Flight Plan Buffer Zones (FBZs) will be requalso see later comments on management of						
	Q15	Support			Q16	 We have also taken the opport 1. The 2019 pre-COVID traffic r are Polar flows that would not assessed as it already has a gr 2. Whilst it is appreciated that the which would match the smalle complexity. a. The maximum number With that said only 3 segme with the remainder in Icelar across the 3 states involved b. Notwithstanding the ab number, not least as this be could lead to a distracting at c. The methodology to be been involved in discussion Norway as well as the EU N This would need to be estated require appropriate resource 3. If there is a restriction built the agreed between key stakeholded Early notification of dates is ree The activation would be added 4. ACP Slide 25. Given recent estates 	unity to pro modelling u have been reatly exten the sponso st airspace of Danger ents – altho ndic or Nor d in order the pove, whilst ecomes dif and cluttere e used for the n), it is assu- letwork Ma blished; as ce to achiev o accommers in adva quired for N to the UK / xperience w	the activation and de-activation of the area requires further und sumed that a single AMC will be responsible for activation and d fanager via an integrated AUP/UUP for the 3 states. s well as a FUA restriction for all the segments. It is also assum eve a safe process. nodate this launch then a Lead AMC, which we would expect to						



0	1
U	0

sing impact to other airspace users. We have also provided

raft operators and ANSPs.

s they as defined North-South.

be displayed in this on-line format, so NATS will also provide

ome complex. Clarity on the mechanisms required for an

d too. This needs to be reflected in this document. Please

Modernisation Strategy (AMS).

e to the avoidance of Russian airspace. In particular there Europe). The impact on these flows would need to be

o-dividing the proposed area into boxes, the activation of overall use of 30 segments leads to a high degree of

nger areas to be instigated to accommodate the proposal. nto account – would currently reside within UK airspace It to understand the designation of the airspace volumes

consideration should be given to reducing the overall ese will also be required to be displayed on RDP which

standing (we are not sure to what extent UK AMC may have ctivation, co-ordinating between the UK, Iceland and

that activations could happen on weekends, which would

e the UK, will be established and coordination procedures

develop strategies to minimise disruption to the network. he zone.

mall area can be activated for the example shown in slide 25.

SAXAVORD LIK SPACE PORT

PROTECT

ID16 (contd		Q16 (contd)	5. Full Options Appraisal: Appendix 1, Table on page 1-7 This suggests that there is no financial impact to ANS there is always a cost in terms of adaptation, training and additional workload as well as associated activities that this table is amended to reflect this.
			6. Slide 7 (ACP): Slide assumes FRA starts at FL 195 +, however, FRA starts above FL255 in the UK and FL135 Slide needs to be amended to correctly refer to the lower vertical limits of FRA.
			7. Full Options Appraisal: Para 37- Fuel burn impact described as a % of the entire flight could be misleading. between fuel burn/CO2 (kg) between the activated and non-activated states.
			8. Full Options Appraisal: Table 2 fuel numbers do not look right: 27670 tonnes fuel *9.61 kg/km fuel gives a to can you confirm if this is correct?
			9. Slide 36 the ACP document states that no flights below 7,000, however Pages 25/26 of the Full Options App you confirm which is correct?
			10, Aircraft could already utilise the shorter route through UK Airspace, therefore what is the sponsors rational activation of the Danger Area takes place? Aircraft may still choose to fly around; however, it doesn't appear the impact assessed.
			11. Full Options Appraisal: Paras 59 and 60 - We believe there is an incorrect assumption regarding traffic belo commercial offshore helicopters in support of the offshore energy industry, operating IFR. Depending on the of delay or cancellation of the flight may be required. However, it should be noted there are currently no fixed off airspace, but mobile exploration rigs can operate within those areas.
			12. Activation of the volumes should include procedures for reacting to SAR and safety of life flights.

ID16 Sponsor Categorisation, Assessment and Remarks/Comments

Response Might Impact Pro Submis		Response Does Not Impact ACP	Sponsor's Remarks/Comments
Impact	No Impact		
	✓		Categorisation. Response does not impact the ACP.
			Respondent agrees with the sufficiency of the proposed airspace design and supports the proposal. <i>Q10.</i>
			 SaxaVord seeks to minimise impact on other airspace users by identifying and selecting suitable laund in traffic patterns, due to the activation of the proposed airspace design for those short, notified period Management.
			2. <u>Consultation Materials</u> , Slide 23 offers explanatory comment: "To assist stakeholders' understanding o that follow to offer illustrative segmentation for representative launch profiles to demonstrate how Design launch area to accommodate a specific licenced LV and launch operation". <u>Consultation Materials</u> , Slide 2 airspace utilisation for different launch profiles.
			Whilst segmenting along radial bearings (i.e. trajectories) might favour SSO launches, such a methodology profiles. At this stage, the examples of airspace utilisation by individual launch profile can only be illustrati the individual launch operator's safety analysis and corresponding licence application.
			The proposed airspace reservation seeks to cater for both SSO and sub-orbital launch profiles. One could superfluous for the exemplar SSO launch, but, if not utilised, what benefit would Area Y be to the wider airs for launch operations; moreover, the resultant shape would also be more complex.
			SaxaVord's aim is to offer an airspace reservation volume that meets the LV's specific requirements, while <u>ACP-2017-079 Full Options Appraisal</u> , Page 3, Paras 12 and 13 (<i>et al</i>) and <u>Consultation Materials</u> , Slide 14, Stage 3 seeks to not only minimise potential impact, but also reduce complexity.
			3. See response at Serial 2, above, which also responds to the supplementary email and PDF from NATS
			4.
			5. See response at Serial 2, above.
			[Continued Overleaf]



NSP operations or infrastructure etc. For such activities, es which also cost time, money and resource. We suggest

35 in Norway. We believe Iceland and Oceanic is FL55.

g. We suggest this is better presented as a comparison

a total distance ~2660000km (3dp) not 2880000k- please

Appraisal states at most 2 in an h, 6 in a day, please can

nale behind aircraft choosing this as their option when the that this option has been explored or the environmental

elow 7000'. The identified flights are likely to be ne destination, rerouting may not be a possibility therefore offshore assets within the lateral confines of the proposed

unch windows of the minimum duration required; any shift eriods would be the purview of EUROCONTROL Network

g of Design Option 3, SaxaVord has included the diagrams ign Option 3 might be tailored to provide a suitable le 25-32, offers further pictorial representation of exemplar

ogy would not necessarily satisfy sub-orbital launch rative; the exact airspace requirement will be defined by

uld indeed posit that "Area Y" in Slide 26 might well be airspace network, with the remainder of the volume active

hile minimising impact and complexity on airspace users; 14, refer. Thus, the proposed design solution proffered at

TS provided at Appendix 9.



ID16	Sponsor Categorisation, Assessment and Remarks/	Comments (contd)	Sponsor's Remarks/Comments (contd)
			 (211. 1. Notification and coordination procedures continue to be discussed between SaxaVord and the relevant airspace reservations (SUAs), we understand that the application of any temporal flight plan buffer zones to ensure the safe and expedient flow of air traffic commensurate with the individual member states' Airs 2. The comment is acknowledged. CAP740 offers that "Itemporary airspace structures and those struct entities are dealt with on a case-by case basis whilst revised policy is drafted'³ SaxaVord threfore, awa - The subsequent bullet points may only be addressed upon receipt of the appropriate CAA decision and (212. The dynamics of multiple states and their respective ANSPs can indeed be complex - both operationally a is engaging the relevant parties (UK and non-UK) to progress the appropriate LOAs and MOUs to ensure that and be agreed. Such engagements with non-UK actors are supported by EUROCONTROL (Network Manager Q14. We understand that the application of any temporal flight plan buffer zones is the purview of EUROC expedient flow of air traffic commensurate with the individual member states' Airspace Utilisation Plans. Q16. 1. Comment acknowledged. Given the recent global "upheavals" (i.e. COVID19 and the conflict in Ukraii January to December 2019. 2. See Response to O1 (Serial 2), above. a. LOAs and MOUs between SaxaVord and the relevant parties are progressing. Individual requirem corresponding discussions for inclusion in the LOA/MOU. Sax4Vord acknowledges that a shift i requirements for the duration of small pre-notified launch window(s), as do other airspace reservations the provenace of the maximum number of danger area segments quoted. b. Comments acknowledged. Whilst a reduction in the number of internal segments could drive a corresponding inc users. c. The proposed airspace reservation would be activated and deactivated by NOTAM. We also believ activation and deactivation of the proposed airspace reservation in
			[Continued Overleaf]

^{3.} CAP740, Chapter 1, Para 1.14 (online) accessed on 27 Jun 23.



- ant parties. As is currently the case with already established nes is the purview of EUROCONTROL network management sirspace Utilisation Plans.
- ictures wishing to be utilised by new entrants or commercial waits CAA's decision and resultant policy guidance.
- nd policy guidance.⁴
- y and politically, but not insurmountable; currently, SaxaVord hat the appropriate notification and coordination measures gement).
- COCONTROL network management to ensure the safe and
- aine), the most stable data set available was for the period
- ements from those parties can and should be raised in the t in air traffic patterns could impact an ANSP's resource ons and aerial activities. SaxaVord would seek to understand
- a reduction in some of the observed complexity, SaxaVord ncrease in impact to the network and, in turn, other airspace
- ieve that the UK AMC would be responsible for including the
- development between SaxaVord and the relevant (UK and axaVord remains cognisant of the relationship between UK agement).
- ts both its maturity, active guidance, and FTS, trajectory and s illustrative and is intended to show the minimum airspace irspace would be a small suborbital LV for which the entire
- ents for the duration of small, pre-notified launch window(s), ot to (and, therefore, meet any adaptation requirements of) een to understand what *additional* training is required to f existing SUAs within UK FIRs/UIRs. SaxaVord will amend
- ad in conjunction with Para 37 addresses this comment. le 2, are correct. The "Total Baseline Fuel Burn (tonnes) Per m". The "Total Baseline Distance Flown (km) Per Annum" is stances Per Annum" (i.e. 30), which equals 2,880,000.
- vas traveling broadly east-west and <u>the 12 flights were at or</u> <u>I Options Appraisal</u>, Para 57, outlines that a different search <u>SL</u>"; Paras 58-60 expand on this different peak day for flights

^{4.} ibid.

^{5.} *ibid*.



ID16	Sponsor Categorisation, Assessment and Remarks/Comments (contd)	Sponsor's Remarks/Comments (contd)
		10.Comment acknowledged. As offered at the Full Options Appraisal, Paras 25-28, the rerouting method "computations associated with a more detailed analysis are too numerate and, undoubtedly, would be conditions, ATM route loading and airline routing policies/strategies. Similarly, "flights' routes would be pl known airspace reservations and constraints across the whole route of the flights' routes". Subject to s volume data will be passed to EUROCONTROL to be input into the Network Management simulation.
		11.Noted; one could posit that the key assumption is that such flights "[] could adjust their flight profil [proposed airspace design]".
		12.Comment acknowledged. Currently, SaxaVord is in well progressed discussion and engagement wi corresponding LOAs/MOUs (with corresponding access coordination procedures) are in train.

ID17	Q1		Q2	Individual		Q3		Q4	Q5		
	Q7	Non-aviation stakeholder Q8 Strongly dis			gree	Q9	Unst is directly under the route take	en by a number of international flights during both daytime and n			
	Q10	Lift the restrictions of a	access to all parts	of Lambaness.							
	Q11 More detailed information on what the buildings and the restricted areas are being used for now and in the Identification of which companies work in, or own, each of the buildings. All communications should be via circulars, as not everyone has access to email, especially in Unst.						Q12	No feedback.			
	Q13	No feedback.						Q14	More details of this permanent change given to the public - esp		
	Q15	Strongly Object				Q16	Lambaness, formerly a wild headla damaged.	a wild headland, is being desecrated - its historic importance, geological structures, d			
ID17	Sponso	or Categorisation, Assess	sment and Remarl	ks/Comments							
	F	Response Might Impact P Submi		and ACP	Response Does Not ACP	Impact		Sponsor's Remarks/Comments			
		Impact	No Imp	act	AUP						
					\checkmark		Categorisation. Response does not impact the ACP.				
					Respondent's strong disagre as highlighted in the consult			naterials a			
							airspace design.		mments at Q16 are focused on the planning and associated env		
							There has been extensive public co	lic communication and engagement on this issue and the consultation was pu			

drops and local radio.

Table 3 - ACP-2017-079 Stage 3 Stakeholder Full Responses



hodology employed was not complex and acknowledged that d be influenced by - *inter alia* - the prevailing meteorological be planned on the ground, prior to departure, to accommodate to successful ACP progression beyond Stage 5, the airspace

rofiles and schedules to deconflict with the activation of the

t with local SAR and air ambulance helicopter operators; the

	Q6	N/A
e.		
especially resident	s in Uns [.]	t - via letter or meetings.
disruption to birds	s, uproot	ed of plant life, all already badly
y exclusion afford	ed by the	e proposed airspace reservation,
environmental imp	acts of t	he spaceport, as opposed to the
oublicised widely t	hrough :	social media, print media, leaflet





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Appendix 9 to ACP-2017-079 Stage 3 Consultation Report Dated 8 Aug 23

ACP-2017-079 STAGE 3 STAKEHOLDER EMAIL RESPONSES

British Gliding Association

RE: SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER CONSULTATION

To O SaxaVord Perman	@gliding.co.uk> ent ACP
up. Start by 24 April 2023 plied to this message on 02	

٢	← Reply	\rightarrow Forward	
		Tue 18/04/202	3 16:12

Thanks for the engagement.

This ACP does not impact UK gliding operations. Therefore, we have no comments.

Kind regards

BGA

Sponsor Categorisation, Assessment and Remarks/Comments.

Response Might Impact Pr	- Response Does Not Impact ACP							
Impact	Impact No Impact							
Sponsor's Remarks/Comments								
Categorisation. Response does not impact the ACP.								





NATS

RE: SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER CONSULTATION

@nats.co.uk>	\odot	← Reply	≪ Reply All	→ Forward	
To O SaxaVord Permanent ACP				Mon 12/06/2023	8 18:01
Cc					

Good afternoon,

Thank you for providing NATS the opportunity to comment on your ACP and Full Options Appraisal Document. I have now completed the on-line survey We note that the on-line response does not allow for making additional general comments, therefore, in the survey I have added these comments to the response to Q16.

Additionally, in Q10, we have made direct comments against slide 26 on two occasions. In the first comment (3) we have edited the slide to support our comment but unfortunately the on-line format does not allow us to insert the picture. Therefore, in addition to completing the survey we have also provided the example below.

Please do not hesitate contact me if you have any questions about our response.

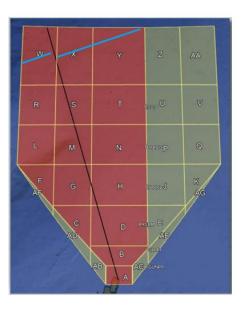
Rgds

10. SaxaVord is keen to mitigate the impact of its operation on its stakeholders. What mitigations would you suggest that could ameliorate any concern(s) that you/your organisation might have?

Please comment on potential mitigation solutions that you/your organisation might have.

The orientation of the boxes also does not lend itself to activating minimum airspace as they as defined North-South. We believe that areas defined along trajectories would resolve this issue.

One of the examples given is shown below.



Sponsor Categorisation, Assessment and Remarks/Comments.

Response Might Impact Propo	Response Does Not Impact ACP						
Impact	Impact No Impact						
		✓					
	Sponsor's Remarks/Comments						
Categorisation. Response does not impact the ACP.							
See corresponding comments at Appendix 8, ID16.							





National Lighthouse Board

RE: [EXT] SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER CONSULTATION



Dear Shetland Spacecentre Ltd,

Thank you for consulting with the Northern Lighthouse Board regarding the CAP1616 Stage 3 of the proposed air space change ACP-2017-079 in the area of SaxaVord Spaceport, Unst, Shetland.

Northern Lighthouse Board are supportive of the proposed activities and have forwarded your consultation request to our aircraft supplier (PDG Helicopters) to ensure we are appropriately represented.

We look forward to your Stage 4 stakeholder consultation in due course.

Please come back to me if you need further assistance in the meantime.

Best wishes,

Gillian

Official - Northern Lighthouse Board Email



Sponsor Categorisation, Assessment and Remarks/Comments.

Response Might Impact Pr	Deepense Deep Net Impact ACD					
Impact	No Impact	Response Does Not Impact ACP				
		✓				
Sponsor's Remarks/Comments						
Categorisation. Response does not impact the ACP.						





Nature Scotland

SCOTTISH NATURAL HERITAGE RESPONSE							
@nature.scot>	٢	<	Reply		\rightarrow Forward		
 (i) Follow up. Completed on 02 May 2023. You replied to this message on 02/05/2023 12:07. 					Tue 25/04/20	23 11:29	
Dear sir Thank you for consulting us over this proposal. The airspace change is unlikely to have a significant effect on matters within NatureScot's remit.							
Regards							
NatureScot Stewart Building, Alexandra Wharf, Lerwick ZE1 OLL							
nature.scot @nature_scot Scotland's Nature Agency Buidheann Nàdair na h-Alba							

Sponsor Categorisation, Assessment and Remarks/Comments.

Response Might Impact Propo	Response Does Not Impact ACP						
Impact	No Impact	Response Does Not Impact ACF					
		✓					
Sponsor's Remarks/Comments							
Categorisation. Response does not impact the ACP.							

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North Sea Transition Authority

RE: SAXAVORD SPACEPORT AIRSPACE RESERVATION APPLICATION (ACP-2017-079) - STAKEHOLDER CONSULTATION NSTA Correspondence <correspondence@nstauthority.co.uk> NC Mon 24/04/2023 16:39 To O SaxaVord Permanent ACP (i) Follow up. Start by 24 April 2023. Due by 24 April 2023. Start your reply all with: Thank you for your confirmation. Confirmed, thank you. Great, thank you so much! (i) Feedback Dear Sirs/Madams Thank you for your email to the North Sea Transition Authority of 18 April 2023. We can advise that we have nothing further to add to our previous email, of 6 September 2022. Kind regards North Sea Transition Authority Sponsor Categorisation, Assessment and Remarks/Comments.

Response Might Impact Pro	Response Does Not Impact ACP						
Impact	No Impact	Response Does Not impact ACP					
		✓					
Sponsor's Remarks/Comments							
Categorisation. Response does not impact the ACP.							

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