

# Space Launch and Orbit Group

## Orbit session

March 2022

The background of the slide is a dark blue gradient. At the bottom, there is a bright blue arc representing the horizon of the Earth, with a glowing sun or star rising behind it, creating a lens flare effect.

# Welcome

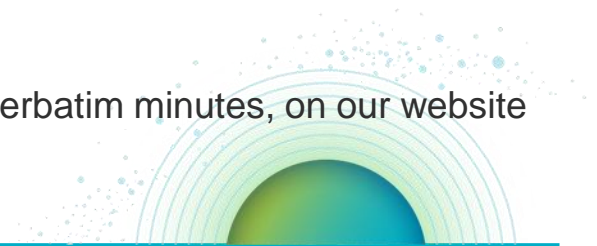
## Agenda

- Welcome
- Ofcom update
- CAA feedback on applications
- Other updates
- Q&A / feedback
- AOB

## Spaceflight Safety and Regulatory Council vs. Space Launch and Orbit Group

### Housekeeping

- Please mute microphones
- Please use chat or raise Teams hand to ask any questions
- We will be publishing the slides and actions from this meeting, not verbatim minutes, on our website at [caa.co.uk](https://caa.co.uk)



# Ofcom update



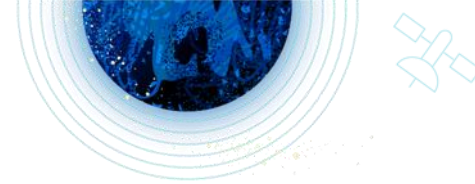
# Applications



# Applications

The number of applications continues to increase

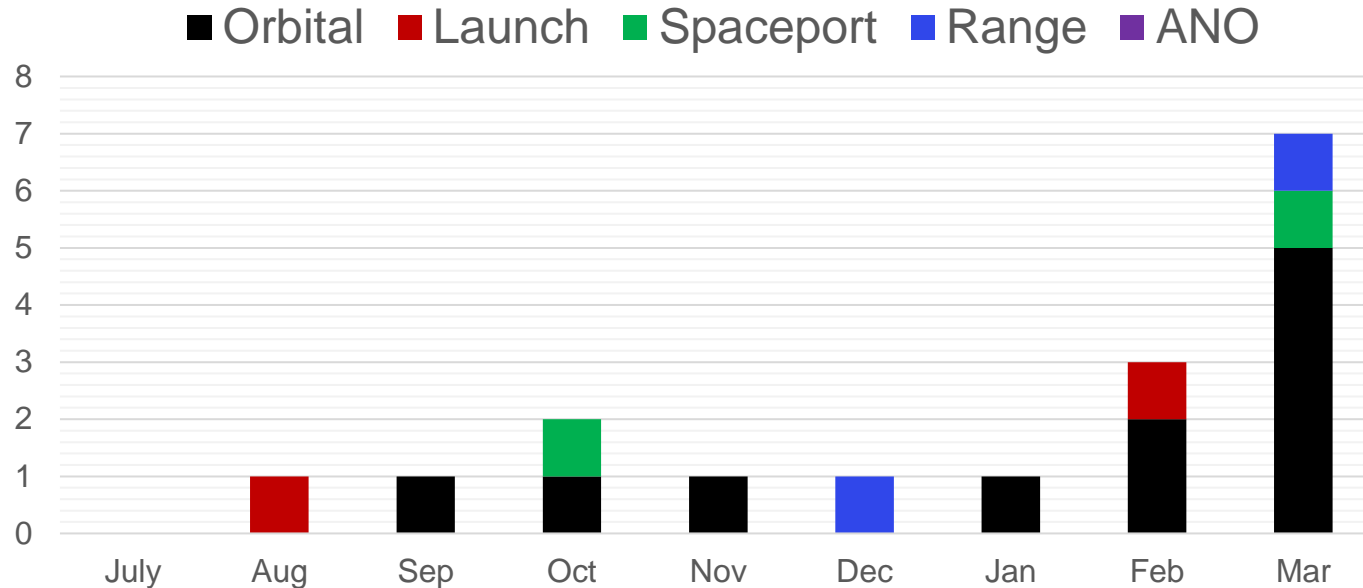
- We have 19 live orbital cases
- We are forecasting another 25 applications in the next 12 months
- Oversight – we have 16 active licence holders, with 566 active licences



# All applications received

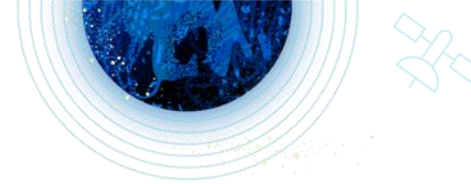
Including orbital

2021/22



# Applications

Insights from our first 6 months as the UK's space regulator



## Feedback welcome

We've received some good feedback, please continue to let us know what works well and what needs improving, ensuring it is provided to us (CAA) and not other agencies.

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## We continue to improve

We have listened to your feedback and have already made changes to our systems

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## Use generic/typical data or Information

While we recognise that data, people and processes are often in development at the point of application, please use generic/typical data or information so the application can continue. We expect a degree of iteration during the licensing process.

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## Preparation & quality reduces application time

We have seen applications that have appeared to have been rushed, and it is essential enough time is planned for information & evidence to be complete and of sufficient quality to avoid applications being put on hold.

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# Applications

It is essential that enough time is allocated to prepare a good set of documents and evidence for submission with the application

	Start			Submit application						Total Time
<b>Launch</b>	Document & evidence preparation 3-6 months			Licensing process 9-18 months				1-2 months	Planned activity	13-26 months
<b>Spaceport</b>	Document & evidence preparation 3-6 months			Licensing process 6-18 months		1-2 months		Planned activity		10-26 months
<b>Range</b>	Document & evidence preparation 2-4 months			Licensing process 6-18 months		1-2 months		Planned activity		9-24 months
<b>Orbital</b>	Document & evidence preparation 2-4 months (New Operators)			Licensing process 6-12 months		1-2 months		Planned activity		9-18 months

Licensing processing time is a guide, it could be slightly shorter or longer dependent on the complexity of the application and the quality of the submitted documents and evidence, we will always process your application as fast as possible, planning with shorter timescales is at your own risk.



# Oversight Issues

We have identified several operational issues

<b>Expired licence</b>	Although not applicable to most licences, this issue has highlighted the need for you to routinely check your licence conditions
<b>Failure to gain approval prior to manoeuvre</b>	It is important you gain approval prior to taking action, failure to do so could result in us taking enforcement action
<b>Occurrence reporting</b>	Please ensure any incidents, such as above are raised as occurrence reports

# Occurrence reports

## Occurrence reporting for orbital operators

How to report an unexpected event during spaceflight activities

[Home](#) / [Space](#) / [Orbital satellite operator](#) / [Occurrence reporting for orbital operators](#)

Occurrence reporting is a mandatory requirement under the Space Industry Regulations 2021.

An occurrence is an unexpected event, fortuitous or otherwise arising during spaceflight activities or in the preparation for those activities. It is also an incident that, if not corrected or addressed, could or has resulted in an incident or major accident.

The sole objective of an occurrence report is to prevent an accident, without the apportionment of blame or liability.

Occurrence reports are treated confidentially, to maintain full and free reporting from the space industry and to protect the identity of individuals.

[Send us an occurrence report](#)

### Orbital satellite operator

[Applying for a licence to operate a space object](#)

[Oversight and in life changes for space objects](#)

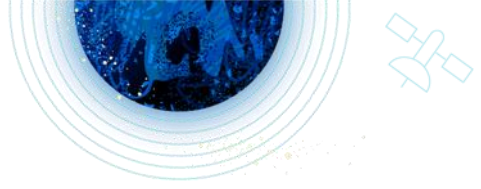
[UK registers of space objects](#)

### Occurrence reporting for orbital operators

[Licence fees for orbital operators](#)

# Applications – questions?





# Orbital updates

Recent and upcoming events

## **Sustainability**

- Ministerial roundtable on Sustainability held yesterday
- UK hosting the 4th Summit for Space Sustainability in London 22-23 June 2022

## **Liabilities & Insurance**

- Call for evidence – response expected May
- Industry plenary session on 05 April

# Q&A / Feedback



**Thank you**  
[caa.co.uk/space](https://caa.co.uk/space)