



**DISC 2024**  
FOR & BY THE SPACE  
& DEFENCE INDUSTRY



Strategic  
Command



# Defence Space - through adversity to the stars?

Tuesday 10 September 2024



House of Commons  
Defence Committee

## Defence Space: through adversity to the stars?

Third Report of Session 2022–23

*Report, together with formal minutes relating  
to the report*

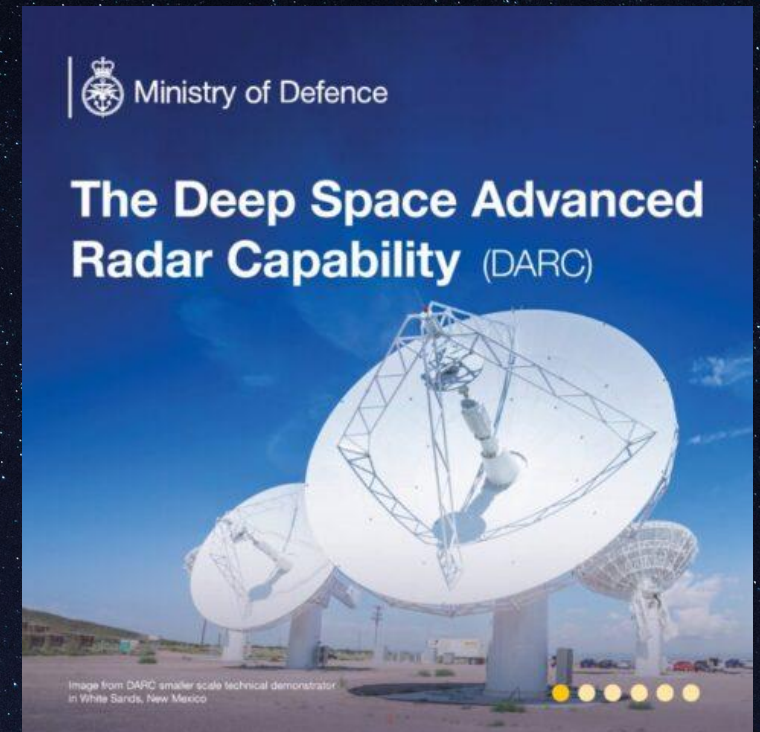
*Ordered by the House of Commons  
to be printed 11 October 2022*

HC 182  
Published on 19 October 2022  
by authority of the House of Commons

Cdre Dave Moody CBE  
Head of Space Capability  
UK Space Command

# Handrail .....

- Working together the opportunities and threats.
- Integrated Space Architectures, MOD working with wider Government, Industry....Allies & Academia
- How do you network commercial space for use by the Government.



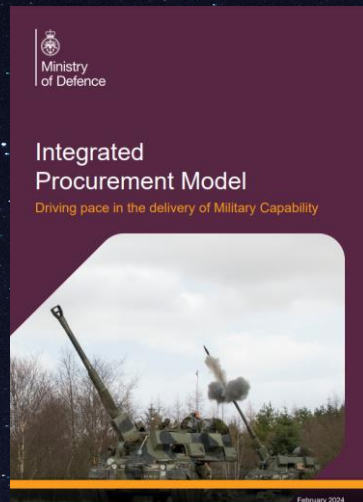
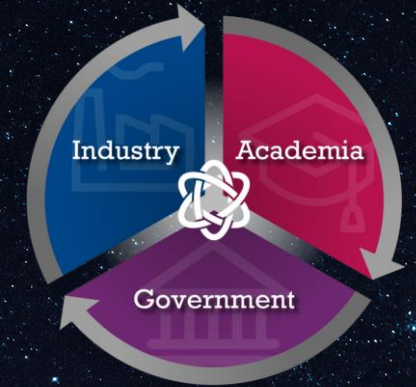
# Commander UK Space Command's Focus

Commander UK Space Command Major General Paul Tedman identified five areas of focus in his 'The Battle Above' paper:

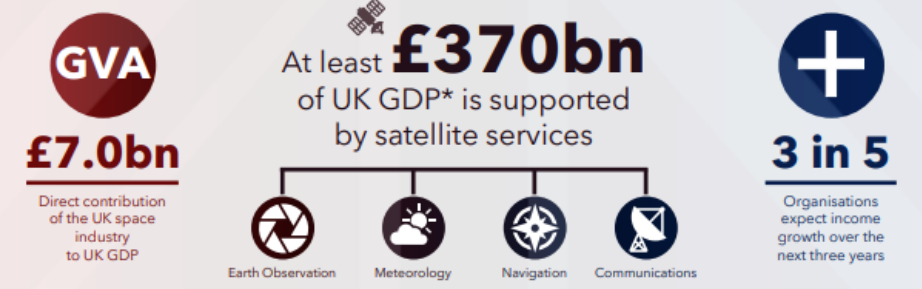
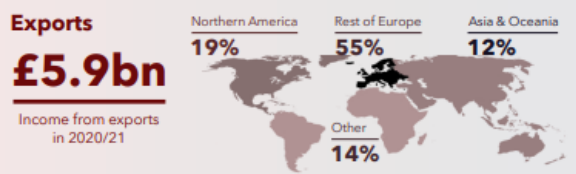
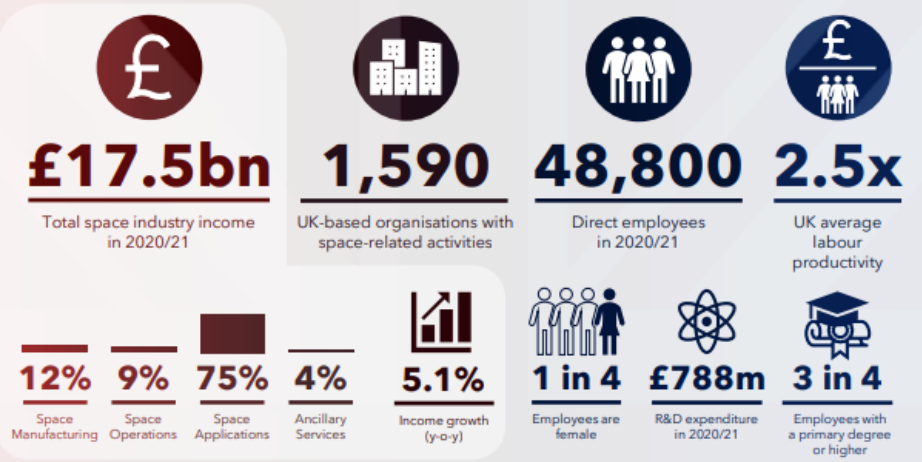
- *'Ensuring that the public and policy makers are aware of our dependence on space and threat to our way of life, and way of war'*
- *'Normalise the space domain'*
- *'Recognise that Space is an inherently Joint domain'*
- *'International cooperation plays a pivotal role'*
- *'Take more risk to reform procurement processes and cooperate with commercial providers to fuel innovation and develop a hybrid military and commercial architecture'*

# Opportunities and Threats: Working Together

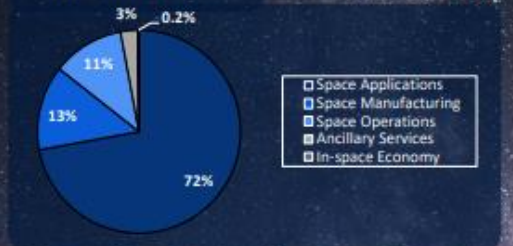
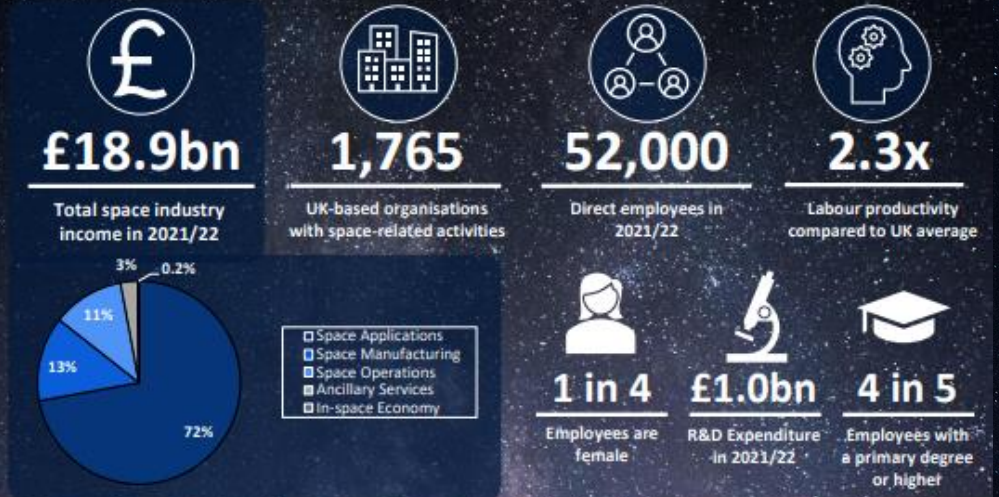
- How do we work together?
  - UK Space Industrial plan
  - US approach commercial integration strategy
    - US Reverse Industry days
  - NATO Space reverse industry day



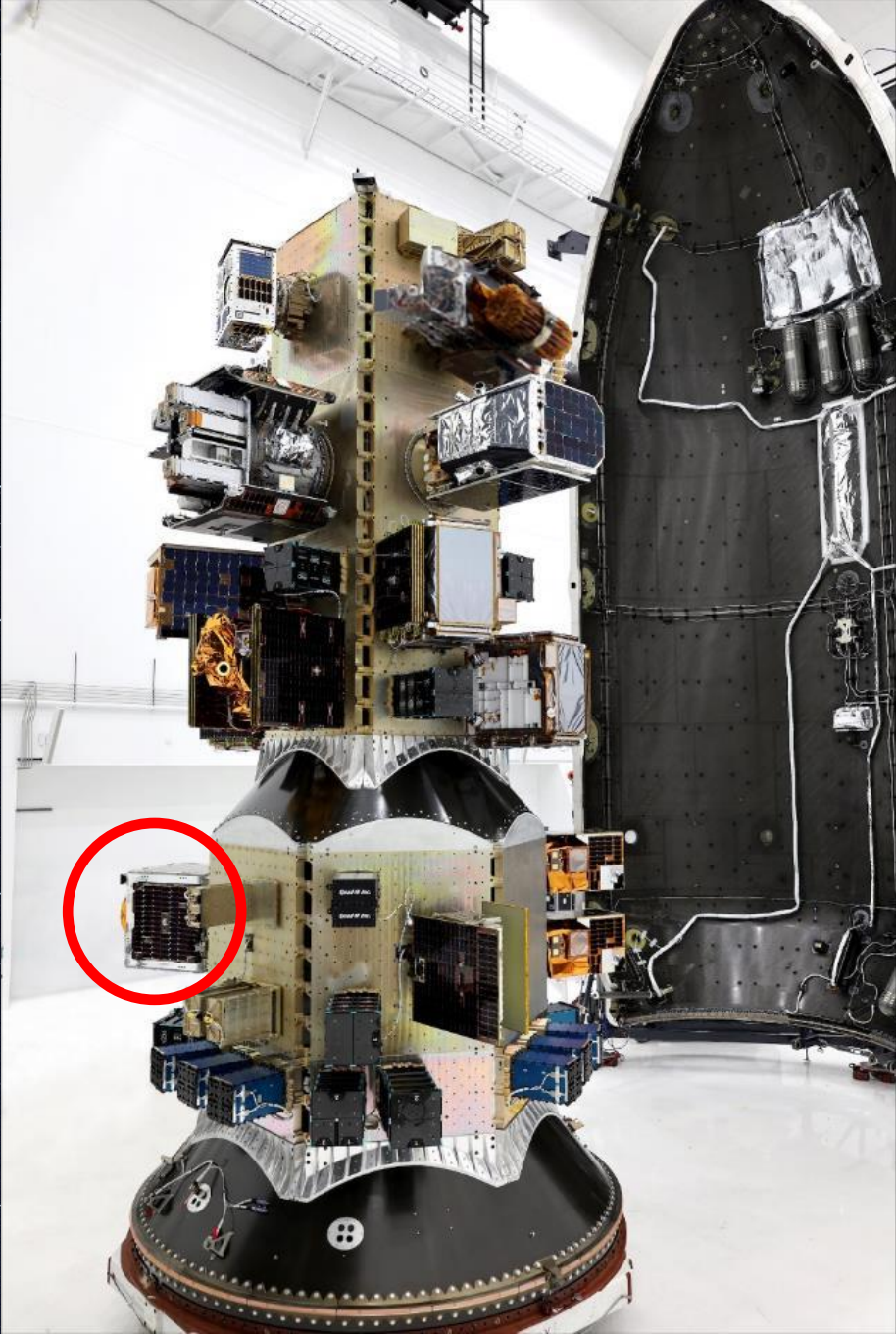
# SIZE & HEALTH OF THE UK SPACE INDUSTRY 2022



# SIZE & HEALTH OF THE UK SPACE INDUSTRY 2023



# Opportunities and Threats Tyche



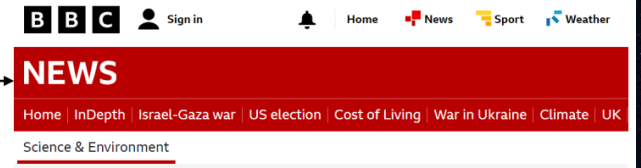
# Integrated Space Architectures





Programmes

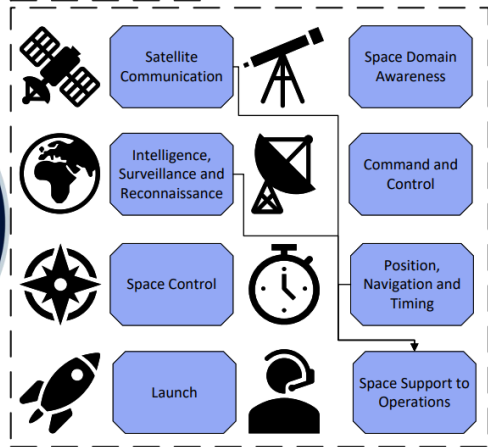
Skynet  
Istari  
Asteria



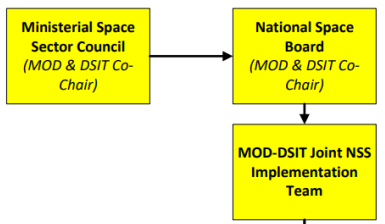
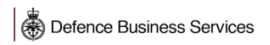
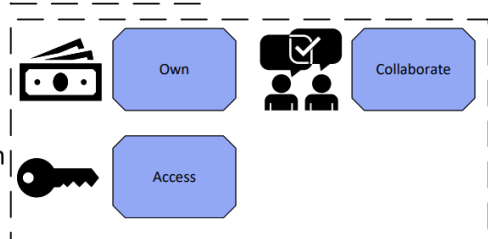
Industry Partners



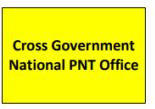
Space Power Roles



Approach Framework



Department for Science, Innovation & Technology



### Space Command holds UK's first space wargame

UK Space Command has hosted the UK's first space wargame by holding 'Space Warrior' at the Defence Experimentation and Wargaming Hub at Southwick Park in Hampshire.

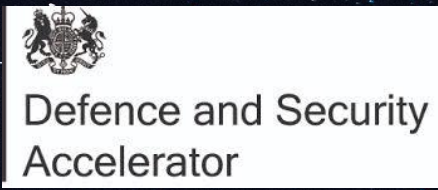


TE OPE KĀTUA O AOTEAROA DEFENCE FORCE





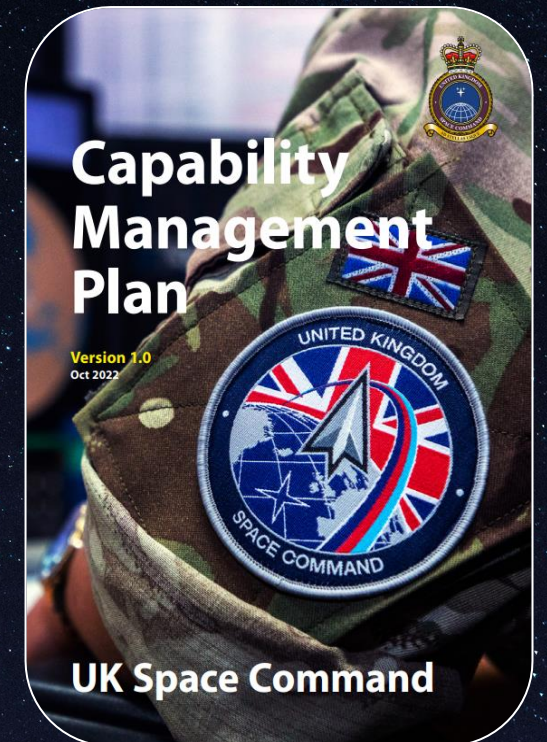
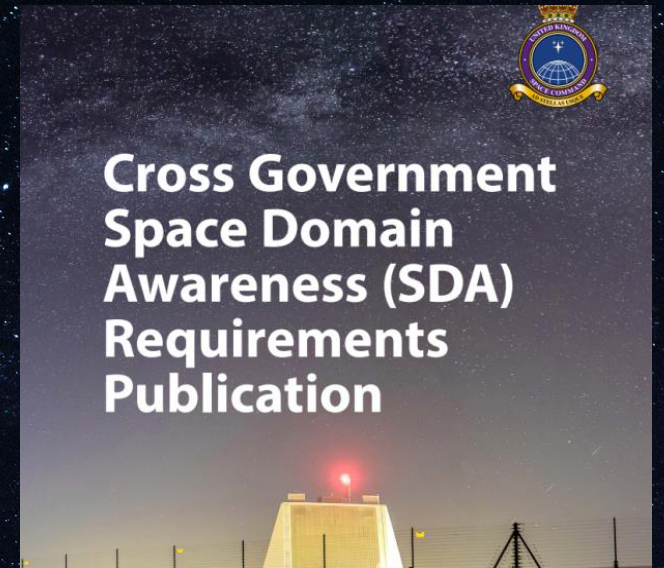
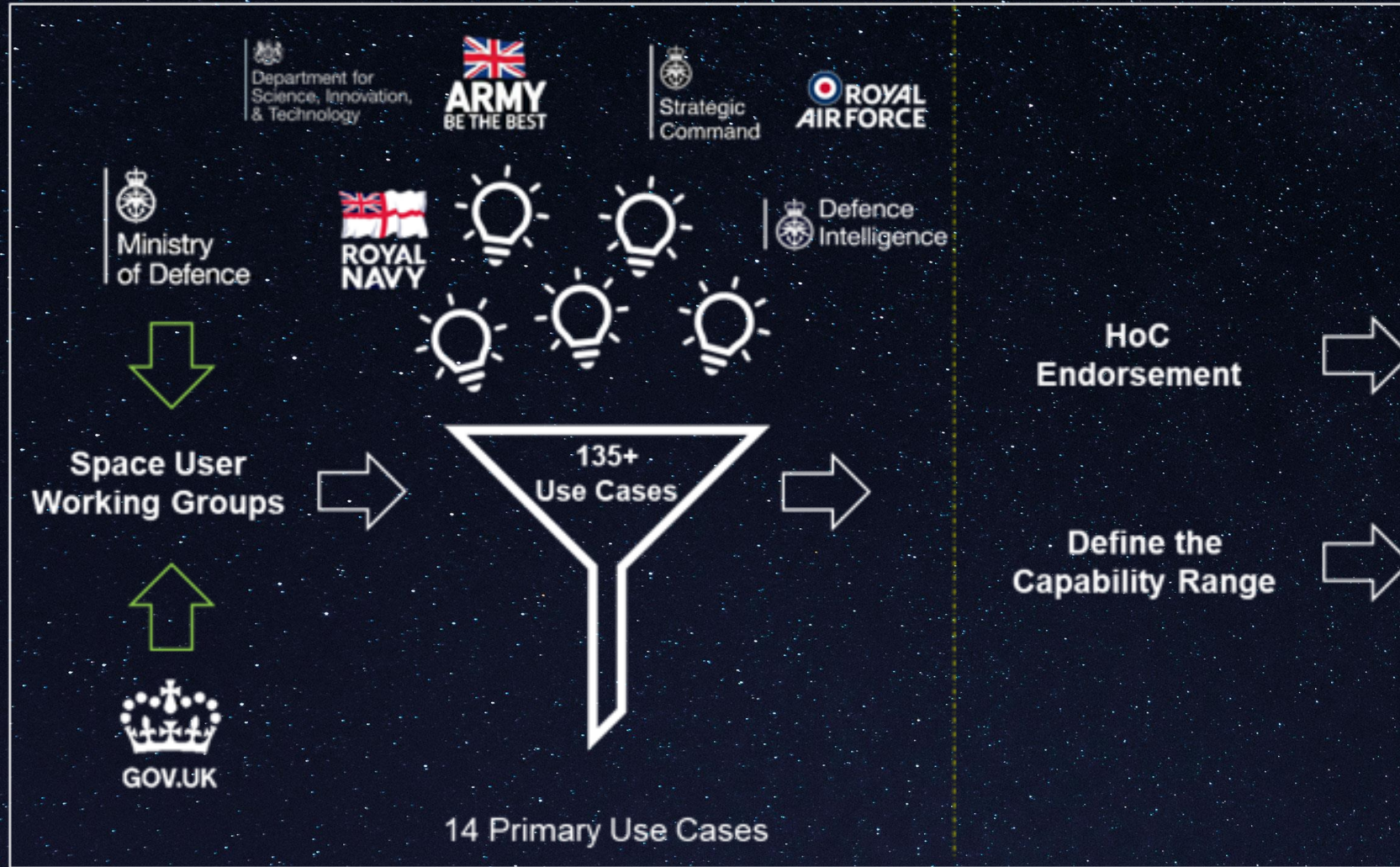
# Networking the commercial sector



# Space Command Progress



# Defence Next Steps



# Summary

UK Space Command is focussing on:

- Raising public and policy makers awareness
- Normalising the space domain
- Recognising Space as an inherently Joint domain...that can alter an adversaries' behaviour
- Developing International cooperation
- Taking more risk with procurement processes, cooperating with commercial providers to fuel innovation and developing a hybrid military/commercial architecture

First Steps:

- Capture of 130+ frontline user requirements/use cases ✓
- Directed Space Engagement with CSpO, NATO and Bi-laterally with numerous other countries ✓
- Recruitment of Space Architects ✓
- Inward Industrial Secondees ✓



Cdre Dave Moody CBE  
Head of Space Capability  
UK Space Command