



canso
civil air navigation services organisation

Commercial Space Airspace Integration: Challenges for ANSPs

Doug Davis
CANSO CAWG Co-Chair
Northrop Grumman

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About CANSO

- **Vision:** to be the recognised leader in transforming global air traffic management (ATM) performance
- **Mission:** as the global voice of ATM, represents and serves its membership
- **Delivers** policy and industry best practice through its standing committees: Safety, Operations, and Policy
- **CANSO Members** support over 85% of world air traffic
 - 90 Full Members (ANSPs); 85 Associate Members



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CANSO Global Presence



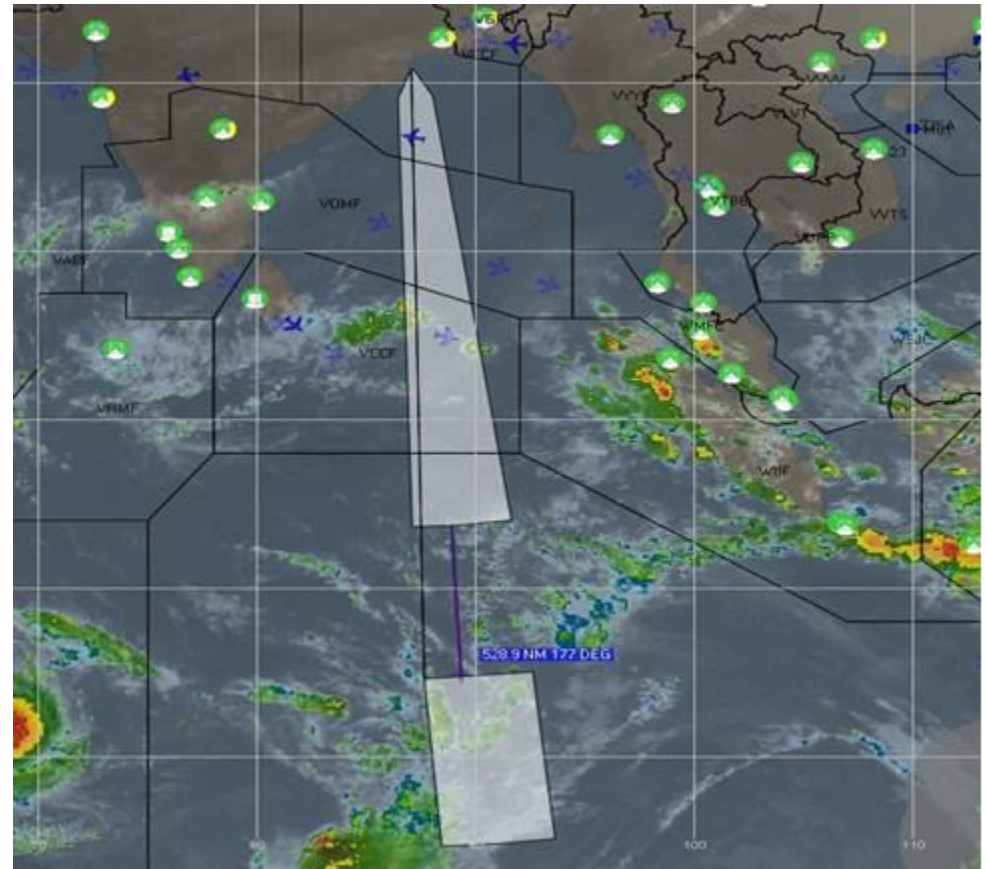
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Background

- Commercial Space Vehicles and Remotely Piloted Aircraft Systems (RPAS) are important elements in the transition to the aviation system of the future
- Phases have been described as: Accommodation, Integration, and Evolution
- We are still in Accommodation..... we need to talk about **Integration**
- But what does **Integration** mean for Air Traffic Management (ATM)?

Communication Challenges

- A one-time event per year; now monthly
- No coordination,
No communication,
No collaboration,
No cooperation!
- No announcement that launch has actually taken place/not taken place!



Conclusions

- CANSO is engaged in Commercial Space and RPAS Integration
- Look for position documents in the near future
- Safety, Safety, Safety.....

Questions & Answers



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