

Civil-Military Co-operation and Co-ordination

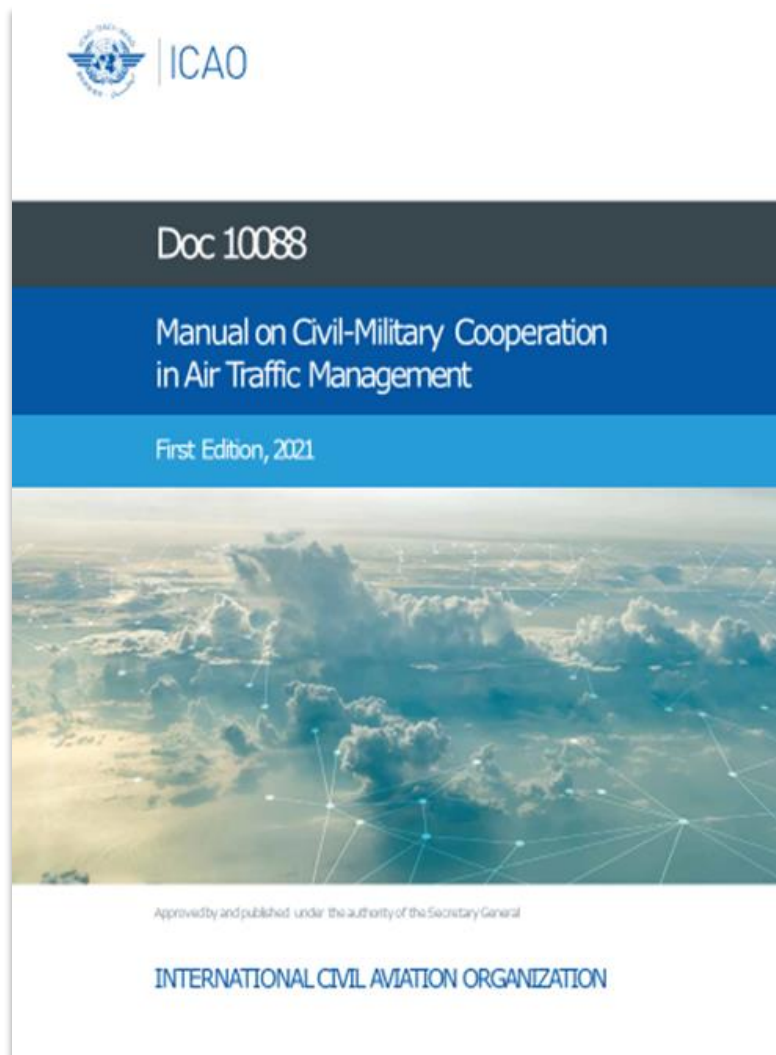
Theme 2

Christopher Brain
SESAR ECHO Project, EUROCONTROL



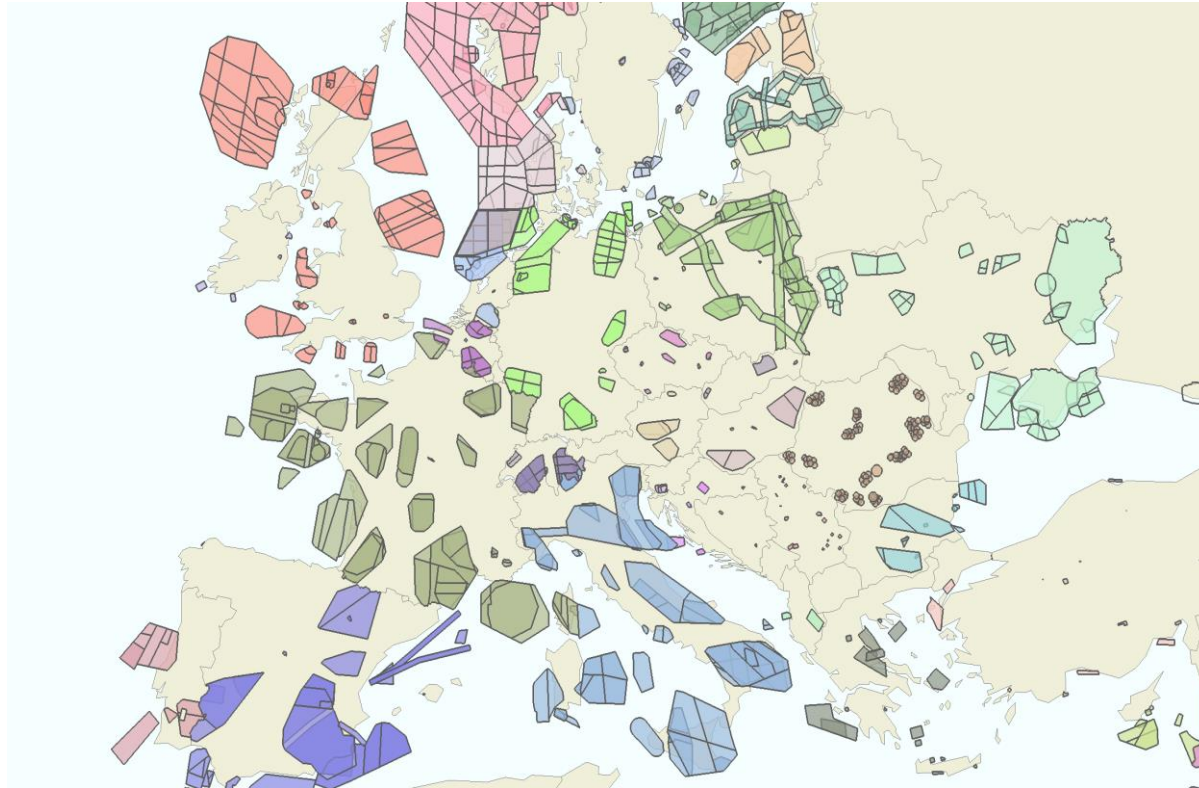
New Neighbours Moving In





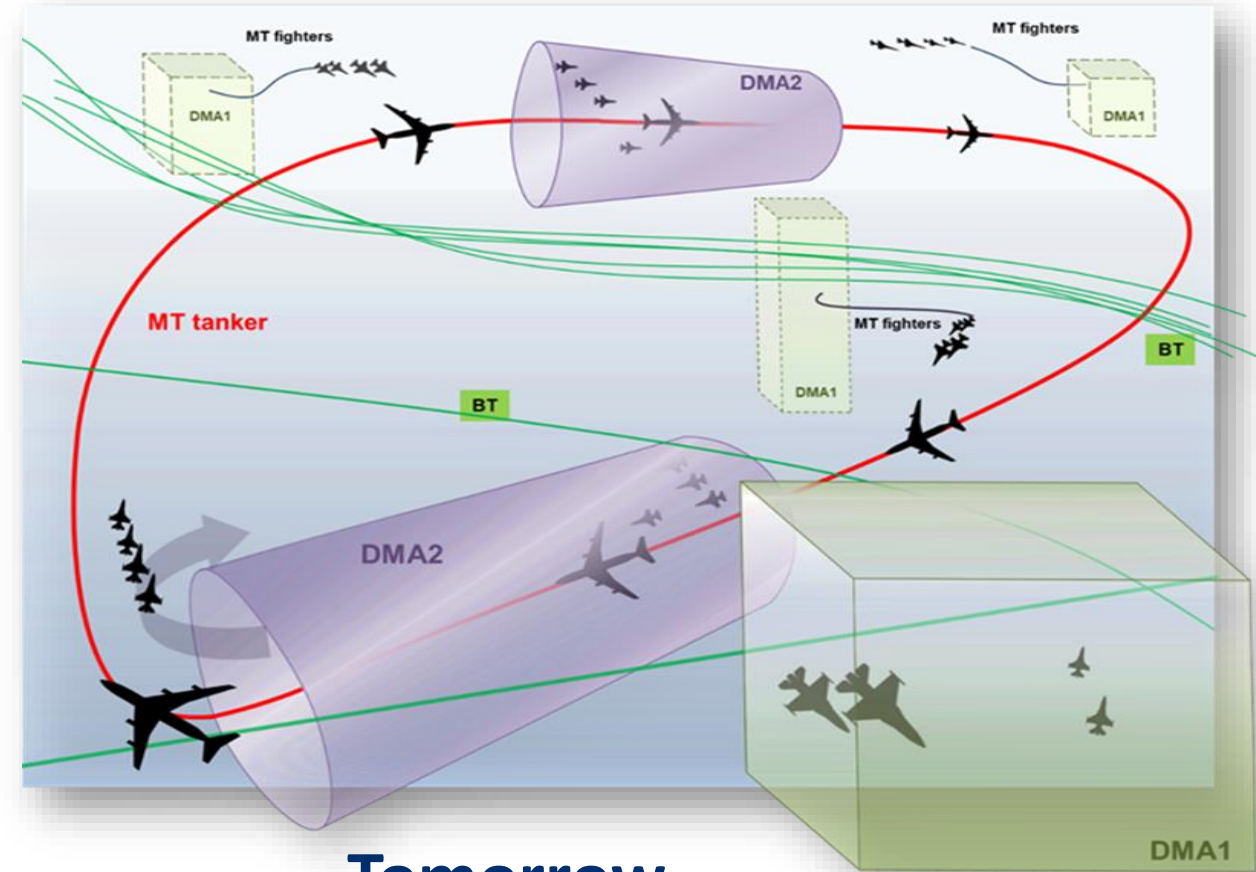
- **TRUST**
- **CONFIDENCE**

Airspace Management



Today

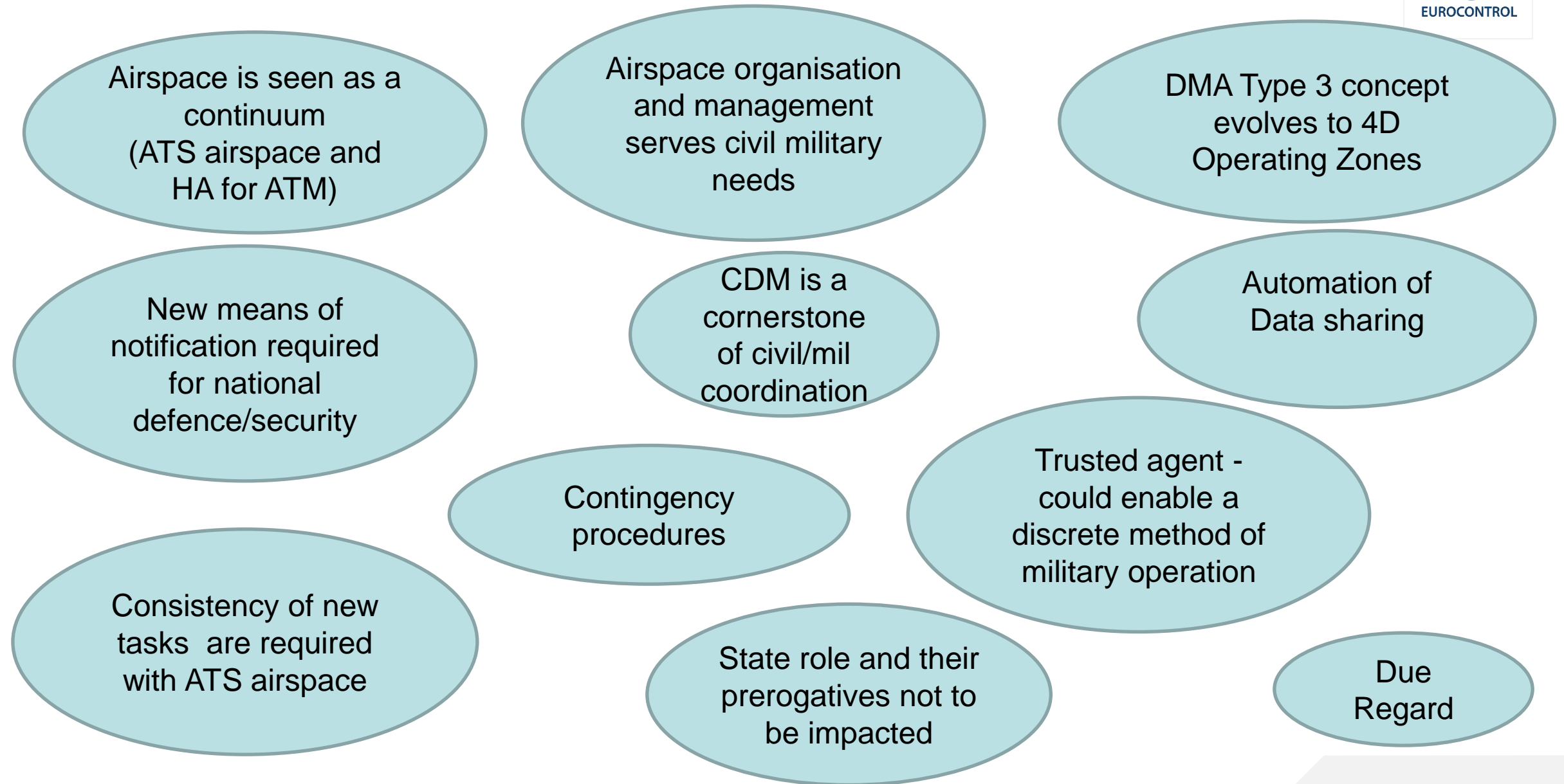
ASM and FUA based largely on need for Civil/Military Coordination and CDM



Tomorrow

New Civil Actors, advanced FUA, Civ./Mil CDM
4D operating zones, dynamic mobile areas

ECHO ConOps – Civil-Military Elements



Air Defence and Security



- Continue current tasks to monitor and protect national airspace
- New means of notification and automation of data sharing will be necessary for efficient civil-military CDM

Military ATM Board Priorities



**Effective ATM
solutions for
Military
Airspace User**

Access to airspace

Integration of military drones in all classes of airspace

Integration of military operations in higher airspace

Connectivity and access to CNS infrastructure

Game Changers – New Mil Operations



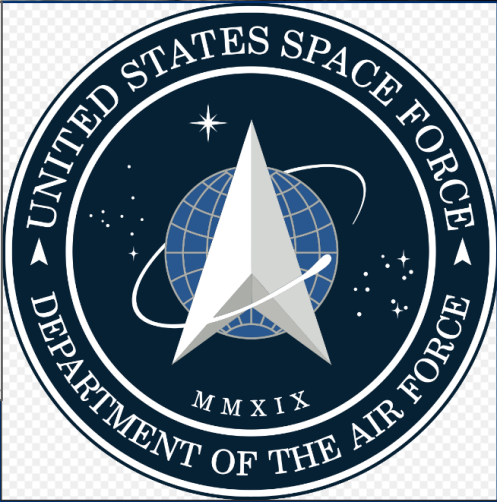
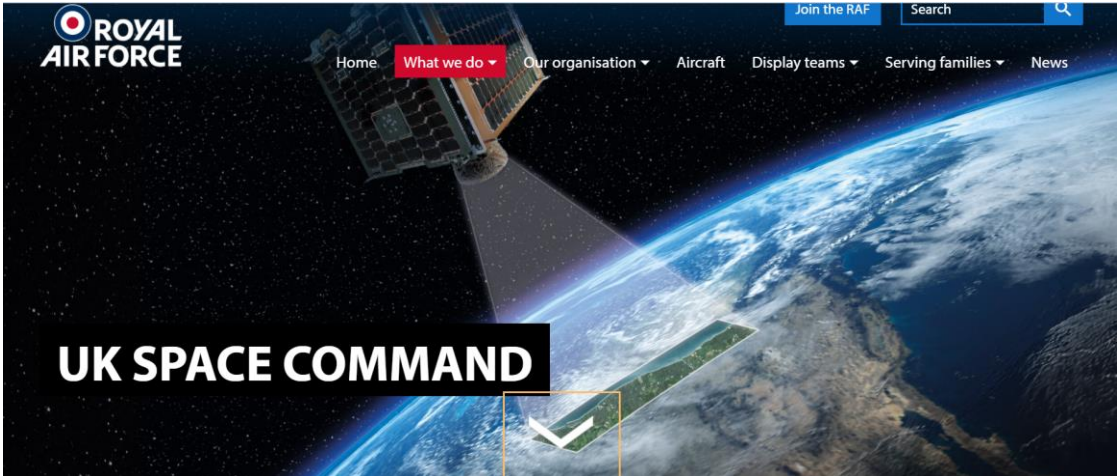
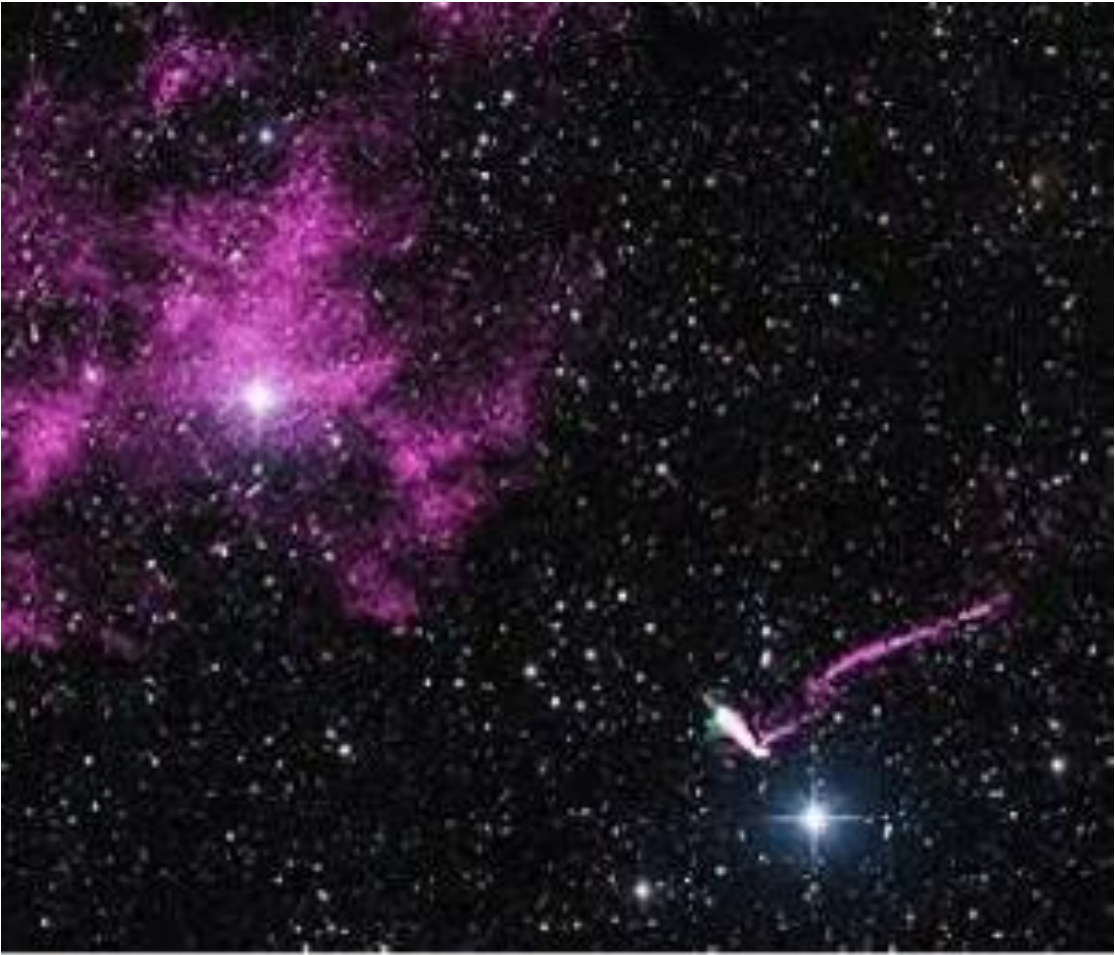
Deliver anywhere in the world in ONE HOUR. USAF and Elon Musk's plans to transport cargo by rocket revealed in air force budget

- The Air Force wants to carry out test for the Rocket Cargo program by next year
- It requested \$48million in funding for the science and technology required
- It is understood the military will adapt SpaceX's Starship for the missions

By [JACK NEWMAN FOR MAILONLINE](#)

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Game Changer -Mil SPACE Operations



THANK YOU FOR YOUR ATTENTION