



**INTERNATIONAL
ASTRONAUTICAL
FEDERATION**

Space Traffic Management

The IAF initiative

End charts
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Special Session
Wednesday 27 October 2021



Looking Forward: Short-Term (Spring 2022)



Reach out to IAA and
IISL STM committees

- Other possible topic areas
- Closer cooperation on study results



Finalize one-page
executive summaries
for all 13 chapters

- Problem
- Viable Options
- Expected Outcomes



Integrate chapter executive
summaries into a study executive
summary for review

Expanded Scope: *Five New Topical Areas*

Improving trackability and
identification of small objects

Shared catalog and data fusion

Space capacity management

Massive constellations

Outreach



Looking Forward: Long-Term (IAC 2022 Paris)

Final report issued at IAC

- Fulfill spirit of 2018 Bremen letter by IAF, IAA, and IISL on STM
- Produce single document that provides background on issues, potential options to consider to improve the situation, and characterize the desired outcomes for STM operation to follow
- Not a standard (leave that work to ISO) – a foundational treatise useful for anyone wishing to participate in the STM debate to read first to gain perspective and information relevant to discussions

Consider possible follow-on activities

- Further refine some topic areas that are deemed most critical (e.g., covariance realism or impact of mitigation guidelines on STM operations?)
- Define update frequency for STM study?
- Sponsor global STM workshop to address and refine potential solutions?