



**SPACE DATA**  
**ASSOCIATION**

Ms. Aarti Holla-Maini  
Director  
United Nations Office for Outer Space Affairs  
Vienna International Centre  
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Vienna  
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*Aegir House,  
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24<sup>th</sup> January 2024

Dear Ms Holla-Maini,

As you are aware, the Space Data Association (SDA) recently submitted a formal application for the status of Permanent Observer Organisation of the United Nations Committee on the Peaceful Use of Outer Space (COPUOS).

SDA is interested in attending the upcoming STSC session on the 8th February, as an ad hoc observer, pending the final decision of the Committee on observer status, and if successful, would like to have the opportunity to make a technical presentation on the role the SDA could play for Space Sustainability.

The SDA will be represented by Alessandro Cacioni, Director Flight Dynamics at Viasat and SDA Executive Director and Lorenzo Arona, FD Manager at Avanti Communications and SDA Standard Director.

As per our application, SDA was founded in 2009 to enhance safety of flight via sharing of operational data and promotion of best practices across all users of space. The SDA was created with a clear vision:

- Seek and facilitate improved management of the shared resources of the Space Environment.
- Seek and facilitate improvements in the safety and integrity of satellite operations through wider and improved coordination between satellite operators.
- Improve the accuracy of collision avoidance predictions.
- Adopt best practices across industry.
- Provide necessary framework for full operations (legal, technical).
- Address operational issues with current cross-industry conjunction coordination.

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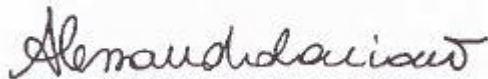
The Space Data Association led the way in terms of demonstrating just what is possible when we enable widespread industry collaboration. It has been providing reliable flight safety products for approximately 30 spacecraft operators for 14 years now. The service provides conjunction warnings and operator points of contact for around 700 spacecraft occupying all orbital regimes. The SDA's Space Data Centre (SDC), built by AGI and maintained and operated by COMSPOC Corporation, has a proven track record of providing high availability Space Traffic Coordination (STC) products since becoming operational on 15 July 2010.

SDA, a not-for-profit association formed by satellite operators to provide reliable and efficient data-sharing critical to the safety of the space environment, look forward to working with COPUOS and having a strong collaboration with the objective of maximizing the benefits of space on earth and ensuring a sustainable growth of the ecosystem to foster the innovation of space and the sustainable use of resources for the benefit of all.

We remain at your disposal to provide any further information you may require.

We hope that our request for ad hoc observer at the upcoming STSC session will be considered favourably and look forward to hearing back at the earliest opportunity.

With best regards,

A handwritten signature in black ink, appearing to read 'Alessandro Cacioni', written in a cursive style.

Alessandro Cacioni  
SDA Executive Director