

Mission Determination

Manned Space Flight

Geoeffectiveness



Mars Mission

• Moon Mission

International Space Station

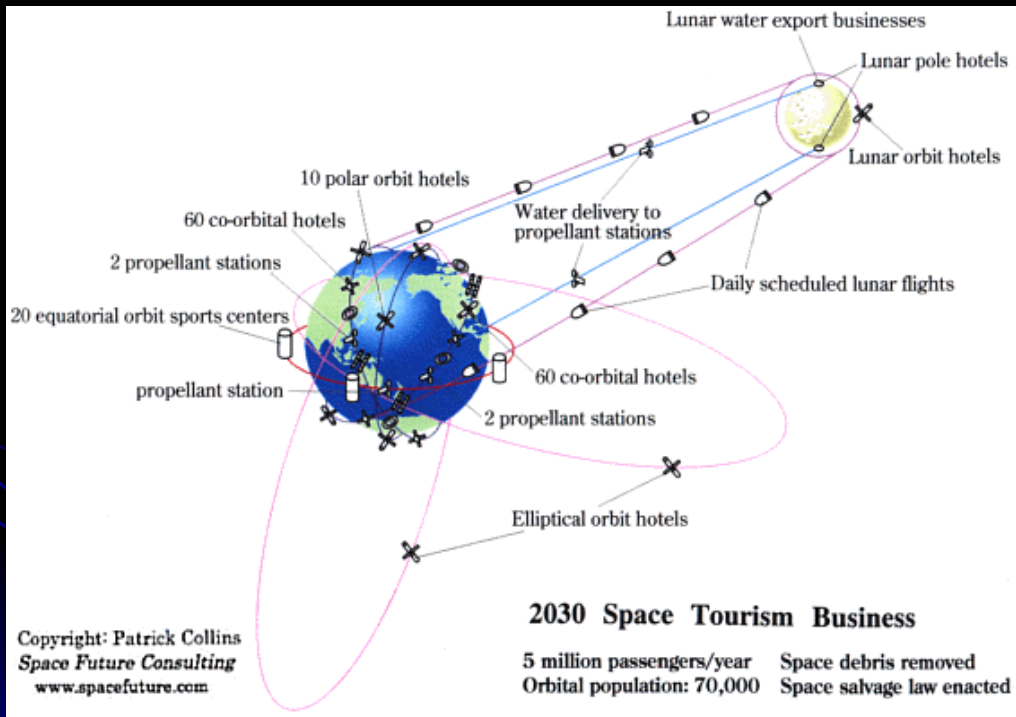
Space Tourism

Scope

The aim of this study is to establish a service for providing space weather predictions for the space tourism companies.

In order to accomplish this we will identify the requirements of the potential users, establish the required data, and evaluate how to obtain, distribute and cost both data and end products.

Motivation

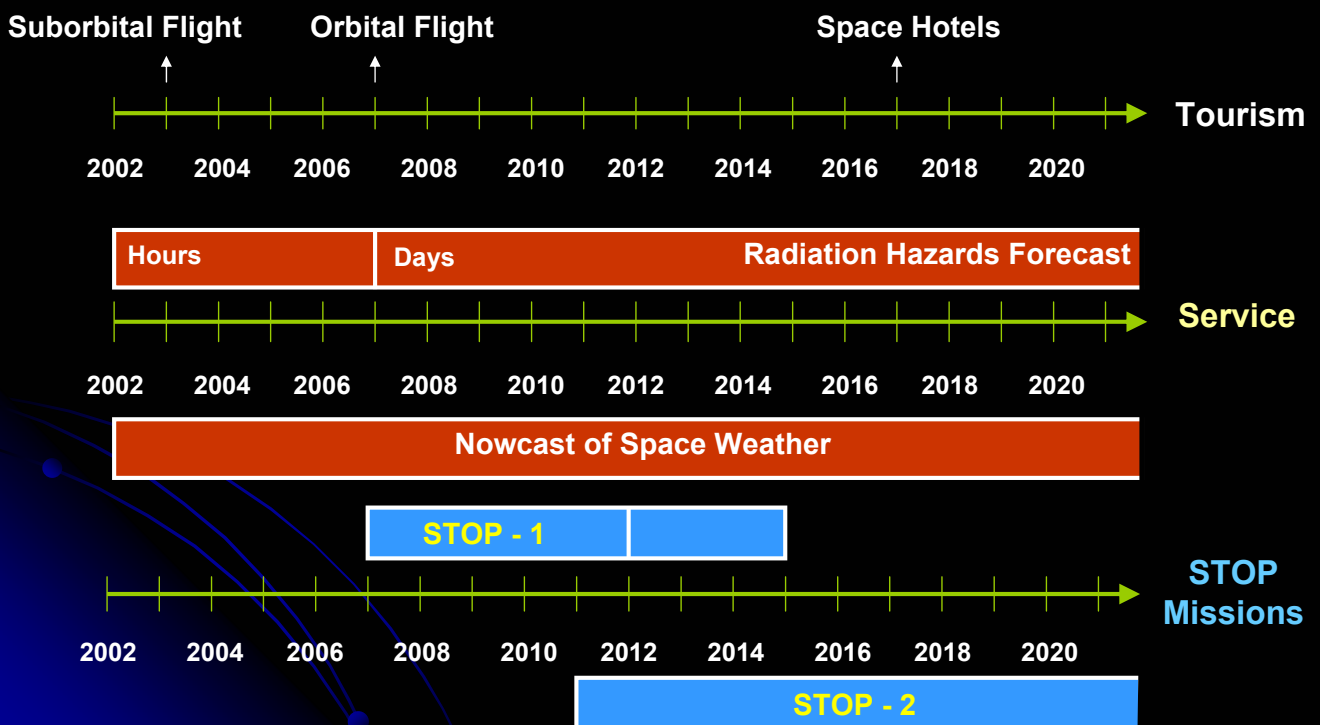


2002-08-01

Executive Summary / Team 2 - STOP

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Timeline

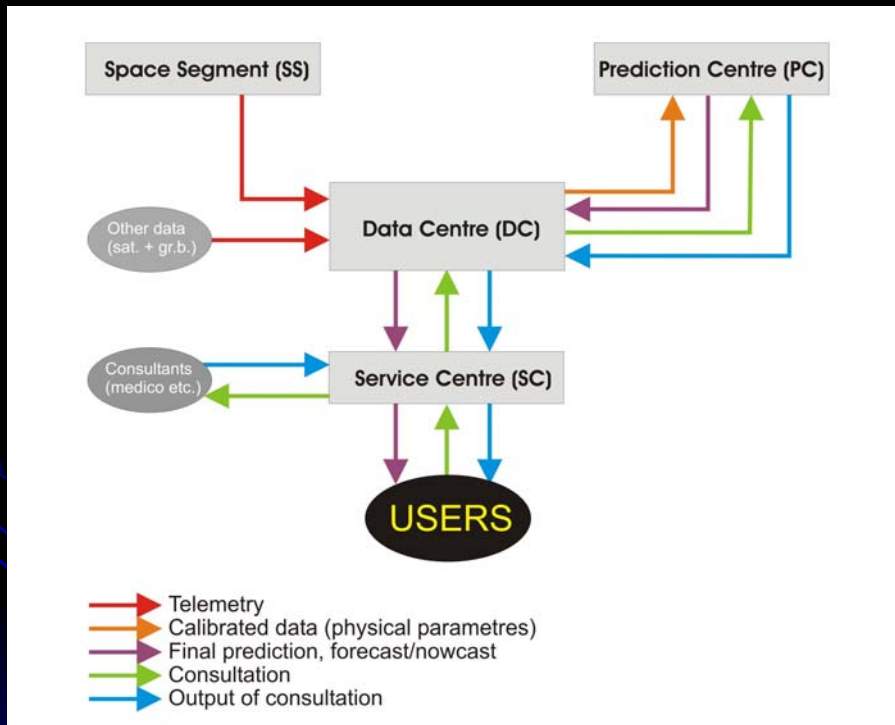


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Overview

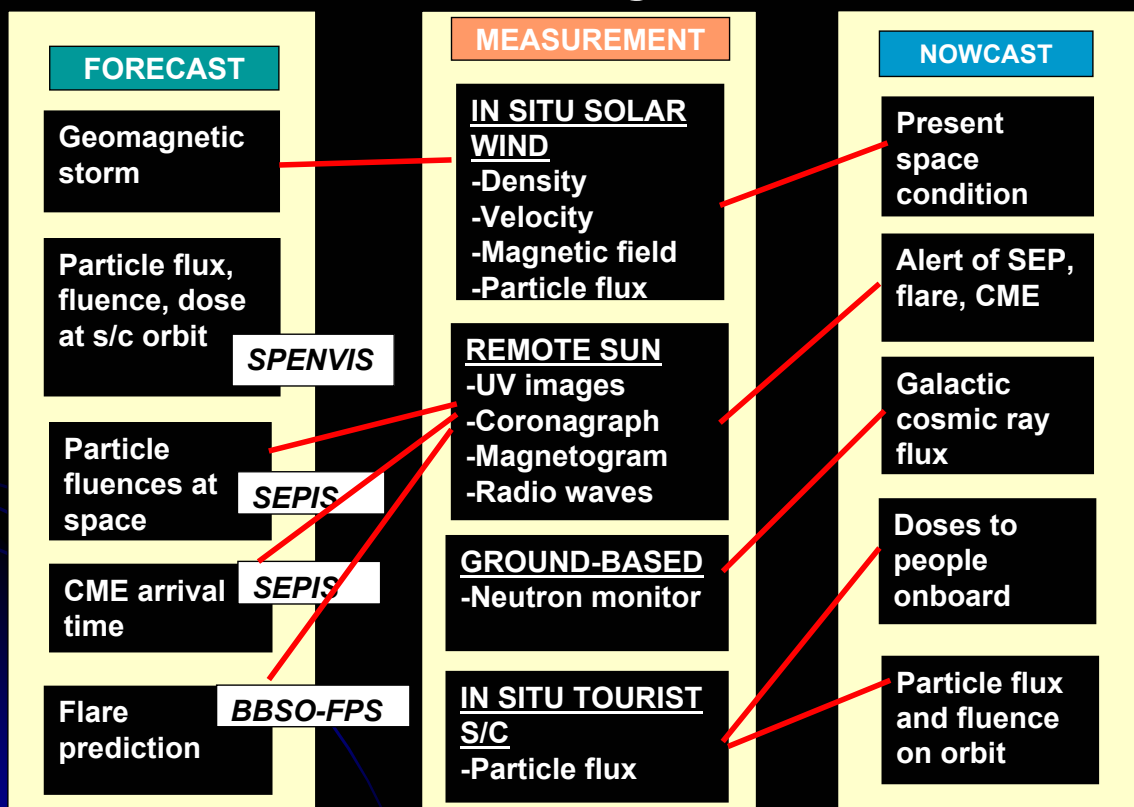


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How Are Things Related?



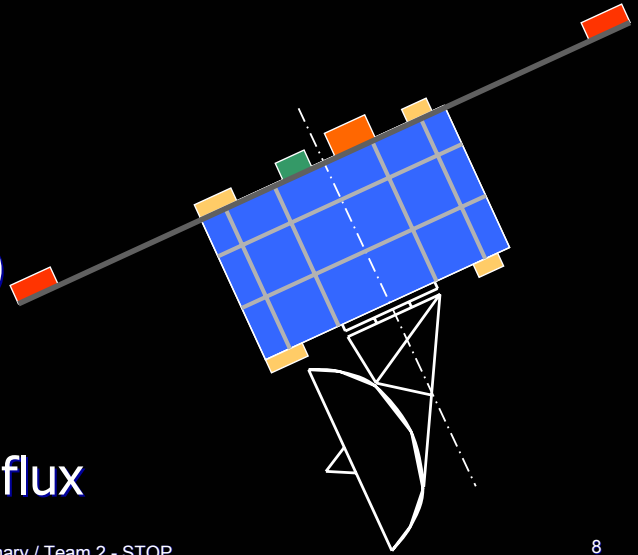
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STOP-1 Mission

- Spinning spacecraft around L1 point
- Reuse of existing instruments and subsystems
- Measurements
 - Interplanetary magnetic field (IMF)
 - Solar wind velocity and density
 - High energy proton flux

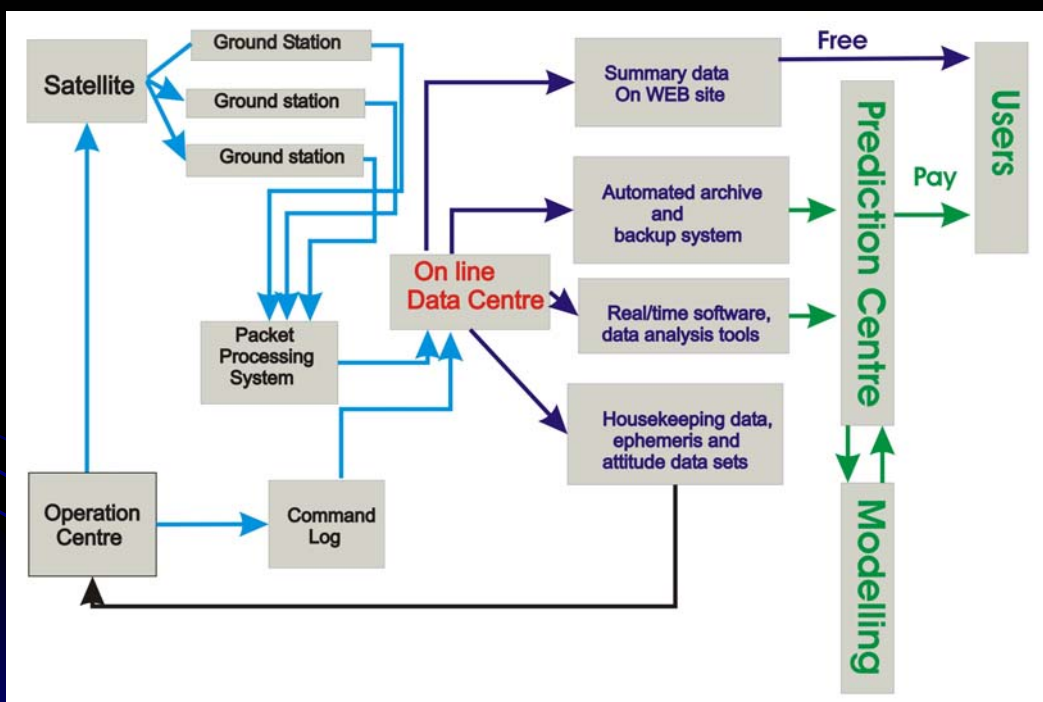


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Data Flow



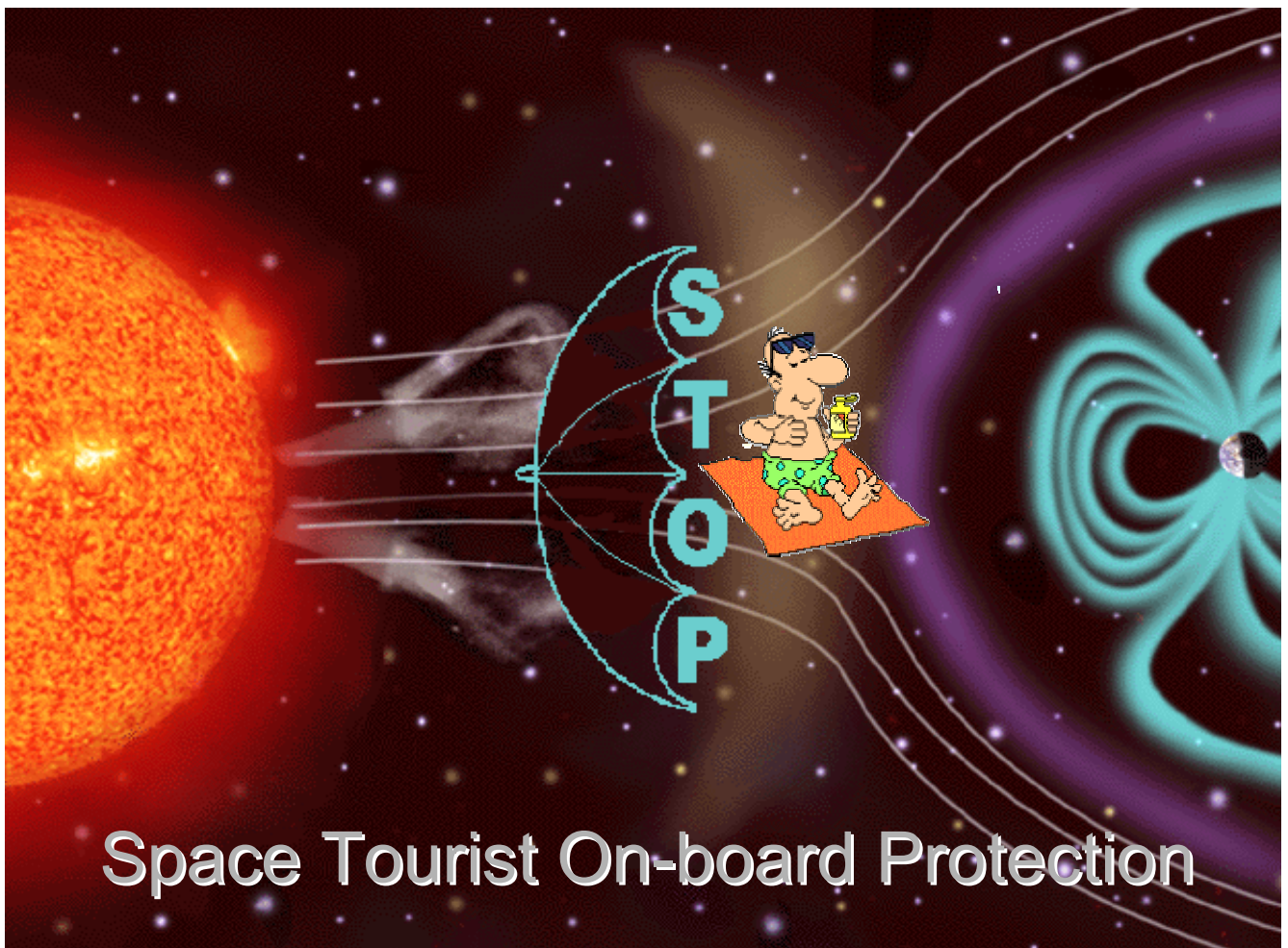
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Conclusion

- Space weather forecasting for space tourism is a required service to be provided to the emerging market to insure safety of tourists and longevity of the business
- Building an independant space weather service for space tourism is a feasible project
- Now is the right time to start ...
STOP – Space Tourist On-board Protection



Space Tourist On-board Protection