

IAA Study Update

Study Number and Title:

5.3 Traffic Management Rules for Space Operations

Responsible Commission:

Commission V

Short Study Description:

The study shall draft a framework for coping with the increasing public and private use of outer space. It shall develop "rules of the road" for the three phases of space traffic (launch - in orbit - reentry), which would provide the effective basis for safe and orderly space operations also in the future for the benefit of all actors.

In a first step, the study group would provide answers to the following basic questions:

- Status and prospects for space traffic (growth rates, technologies for operations)
- Information needs/observing capacities
- Relevant legal aspects (status of outer space and orbits, "launching State")
- Established/currently developed mechanisms (GSO, space debris)
- Examination of new mechanisms ranging from coordination to regulation
- Comparison with other models of traffic management (terrestrial, maritime, air)
- Institutional aspects for implementing traffic management rules

In a second step, these findings will be integrated into a comprehensive framework.

Progress in past six months:

From the last draft dated March 29, another circulation this time among the larger group (Group 2 – 60 persons) has been done, and inputs have been incorporated into the new draft dated August 20.

Website Study Information up to date?

The study information is up-to-date on the IAA Website.

Issues requiring resolution?

None.

Product Deliveries on Schedule?

Yes.

Study Team Member Changes?

None.

Name of person providing Study Group Status :

Kai-Uwe Schrogl.

Status Report Date:
September 15, 2004

Please email completed report to Dr. Kasturirangan, krs.antrix.org, and Dick Kline, rlkline@cox.net, by September 15, 2004, and post on your IAA Commission Website.