

IAA Study 5.10
Policy, Political, Legal and
Economic Issues in Active
Debris Removal

Study Group Members

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Chapters Outline

Background

- A. The orbital debris problem and why active debris removal (ADR) will help.
- B. On-orbit servicing (OOS) and its relationship to space debris and ADR
- C. Space sustainability as an important goal
- D. Short summary of technical proposals and issues (viz. summary of Debris Remediation Study – Study Group 5.5

Outline, cont.

- **Chapter 2--Today's Approaches & Outlook**
 - A. Current approaches to debris remediation
 - B. Limits of ADR for remediation
- **Chapter 3--Political/Policy Issues**
 - A. Countries see outer space technology as source of technological development
 - B. ADR & OOS can be used as antisatellite weapons
 - C. Building transparency & confidence building measures for ADR
 - D. Potential contributions by less developed countries

Outline, cont. 3

- **Chapter 4: Legal issues**

- A. Introduction

- B. Intellectual property issues

- C. What new laws/ agreements (international/domestic) might be needed?

Outline, Cont. 4

- **Chapter 5: Economic Issues**

- A. Introduction

- B. Questions of risks vs. costs

- C. Insurance, 3rd party liability

- D. OOS as means to ease economic hurdles of ADR

- E. Economic/policy/legal approaches (move to intro?)

- **Chapter 6. Conclusions and Recommendations**

- A. Conclusions

- B. Practical options for consideration

Status?

- Submissions of partial chapters
- Mostly very early drafts, some are outlined, only
- Informal meeting tomorrow, Formal meeting Wednesday, Oct 1, Room 703.
- Goal: To complete the drafts by 31 December, 2014
- Review, revise drafts, return to authors
- Develop “final” draft for review at March IAC meetings, Paris.