

ORBITAL DEBRIS REMEDIATION/MITIGATION IN PRACTICE:

Satellite System Disposal Provisions
in Canada's Remote Sensing Space Systems Act

Dr. Thomas Gillon

Head – Space Policy and Regulation

Department of Foreign Affairs and International Trade

Canada

OUR APPROACH

- IADC Guidelines
- Consciousness Raising
- Always Carry Your Trash Out of the Woods
- Implementation
- Disposal Mean More than Debris Mitigation

SYSTEM DISPOSAL IN THE REMOTE SENSING SPACE SYSTEMS ACT

System disposal plan and arrangements

- 9. (1)** The Minister may not issue a licence without having approved
- (a)* a system disposal plan for the licensed system satisfactory to the Minister that, among other things, provides for the protection of the environment, public health and the safety of persons and property; and
 - (b)* arrangements satisfactory to the Minister relating to the guarantee of the performance of the licensee's obligations under the system disposal plan.

Obligations regarding plan and arrangements

(2) A licensee and, in the case of a licence that has terminated, the former licensee, shall

(a) ensure that the following things are disposed of in accordance with the system disposal plan approved by the Minister:

(i) every system satellite,

(ii) the things used in connection with the cryptography and information assurance measures of the system,

(iii) any raw data and remote sensing products from the system that are under the control of the licensee or former licensee, and

(iv) anything else prescribed; and

(b) put into effect the guarantee arrangements approved by the Minister under paragraph (1)(b) and keep them in effect until the system disposal plan has been carried out.

Amendment of system disposal plan or arrangements

(3) The Minister may, if the Minister is satisfied that it is desirable to do so, having regard to national security, the defence of Canada, the safety of Canadian Forces, Canada's conduct of international relations, Canada's international obligations and the protection of the environment, public health and the safety of persons and property and any prescribed factors,

(a) on application, amend a system disposal plan or the guarantee arrangements approved by the Minister under paragraph (1)(b); or
(b) on the Minister's own initiative, on first giving notice to the licensee or former licensee that provides a reasonable opportunity to make representations, amend a system disposal plan.

THANK YOU