

3 February 2020
Original: English

**Committee on the Peaceful
Uses of Outer Space**
Scientific and Technical Subcommittee
Fifty-seventh session
Vienna, 3-14 February 2020
Item 13 of the provisional agenda*
Long-term sustainability of outer space activities

**Proposal on Voluntary Implementation Reporting Survey
for the Guidelines related to Long-Term Sustainability of
Outer Space Activities**

Paper submitted by United Arab Emirates

1. The United Arab Emirates (UAE) highly Supports the fruitful outcomes from the 61st session of the Committee on the Peaceful Uses of Outer Space and the consensus achieved in adopting the 21 guidelines for the long-term sustainability (LTS) of outer space activities (document A/74/20).
2. The UAE encourages the actions taken by states and international intergovernmental organizations in voluntary implementation of the guidelines to the greatest extent feasible and practicable.
3. Moreover, the UAE strongly supports the Committee's decision to establish, under a five-year workplan, a working group under the agenda item on the long-term sustainability of outer space activities of the Scientific and Technical Subcommittee.
4. In support with the Committee's decision, the UAE propose and encourage maintaining an international registry and an annual report circulated and published by the United Nations Office of Outer Space Affairs (UNOOSA) Secretariat of states implementation through a voluntary reporting methodology in the form of a survey, supported by the LTS working group on sharing of experiences, practices and lessons learned, as well as identifying challenges if any (see Annex I for proposed survey template).
5. The UAE recommends that the survey is circulated as an outcome from the Scientific and Technical Subcommittee at its Fifty-seventh session, in preparation for the consolidated report of replies received to be published during its Fifty-eighth session and serves as key input to the work by the LTS Working Group.
6. The survey circulation could be repeated as a whole or in parts as the LTS Working Group see beneficial to achieve its assigned mandate and objectives.

* A/AC.105/C.1/L.383



Annex I

Survey on Voluntary State Implementation of the Guidelines for the Long-Term Sustainability of Outer Space

Reporting State: _____

Reporting Year: _____

LTS Guidelines		Relevant Implementation Activities (if any)	Challenges faced in implementation (if any)	Proposed enhancement to GL (if any)
Guideline (A): Policy and Regulatory Framework for Space Activities	Guideline A.1: Adopt, revise and amend, as necessary, national regulatory frameworks for outer space activities			
	Guideline A.2: Consider a number of elements when developing, revising or amending, as necessary, national regulatory frameworks for outer space activities			
	Guideline A.3: Supervise national space activities			
	Guideline A.4: Ensure the equitable, rational and efficient use of the radio frequency spectrum and the various orbital regions used by satellites			
	Guideline A.5: Enhance the practice of registering space objects			
Guideline (B): Safety of Space Operations	Guideline B.1: Provide updated contact information and share information on space objects and orbital events			
	Guideline B.2: Improve accuracy of orbital data on space objects and enhance the practice and utility of sharing orbital information on space objects			

	Guideline B.3: Promote the collection, sharing and dissemination of space debris monitoring information			
	Guideline B.4: Perform conjunction assessment during all orbital phases of controlled flight			
	Guideline B.5: Develop practical approaches for pre-launch conjunction assessment			
	Guideline B.6: Share operational space weather data and forecasts			
	Guideline B.7: Develop space weather models and tools and collect established practices on the mitigation of space weather effects			
	Guideline B.8: Design and operation of space objects regardless of their physical and operational characteristics			
	Guideline B.9: Take measures to address risks associated with the uncontrolled re-entry of space objects			
	Guideline B.10: Observe measures of precaution when using sources of laser beams passing through outer space			
Guideline (C): International Cooperation, Capacity-Building and Awareness	Guideline C.1: Promote and facilitate international cooperation in support of the long-term sustainability of outer space activities			
	Guideline C.2: Share experience related to the long-term sustainability of outer space activities and develop new procedures, as appropriate, for information exchange			

	Guideline C.3: Promote and support capacity-building			
	Guideline C.4: Raise awareness of space activities			
Guideline (D): Scientific and Technical Research and Development	Guideline D.1: Promote and support research into and the development of ways to support sustainable exploration and use of outer space			
	Guideline D.2: Investigate and consider new measures to manage the space debris population in the long term			