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English only

**Committee on the Peaceful
Uses of Outer Space**
Fifty-seventh session
Vienna, 11-20 June 2014
**Report of the Scientific and Technical Subcommittee
on its fifty-first session**

**Proposed amendments to the proposal for the consolidation
of the set of draft guidelines on the long-term sustainability
of outer space activities (A/AC.105/2014/CRP.5)**

Proposal submitted by Venezuela (Bolivarian Republic of)

1. **Research and development to support sustainable exploration and use of outer space (Guidelines 3+5)**
Research and development to support sustainable exploration and use of outer space should also encourage the participation and capacity-building of emerging space countries.
2. **Awareness (Guidelines 7+8+15)**
To replace the term “young people” by using “the current and the future generations”.
3. **Development of regulatory framework (Guidelines 10+11+13)**
To add as letter (a) the following text “consider the five United Nations treaties regarding the peaceful uses of outer space”.
4. **Capacity-building (Guidelines 17+19+31)**
Second paragraph. Capacity-building activities include education, training and sharing of appropriate experience, information, data, tools, management techniques, methodologies and technology transfer.



5. Space debris (Guideline 21)

Spacefaring nations should encourage and support capacity-building in emerging countries, by improving their expertise and knowledge on flight dynamics and orbits, performance of joint orbital calculation and assessment, access to precise orbital data and appropriate tools for space debris monitoring, considerations during spacecraft design, collision avoidance analysis, Conjunction Assessment Risk Analysis (CARA) systems, Situational Awareness Systems for live monitoring of space objects, and arranging financing of projects on this subject.

6. To standardize the word “Non-Governmental Organizations” (NGOs) in the whole document

- Sharing of experience and information related to the long-term sustainability of outer space activities (Guidelines 1+2). To replace “private sector entities and other non-governmental entities” by “non-governmental entities”.
- Awareness (Guidelines 7+8+15). To replace “non-governmental and private sector entities” by “non-governmental entities”.

Comments of Venezuela (Bolivarian Republic of) on document A/AC.105/2014/CRP.14

1. Guideline B.4 (methods to improve accuracy of orbital data)

To add a third paragraph which says “Special attention should be given to encourage the participation and capacity-building of space emerging countries on this subject”.

2. Guideline B.5 (conjunction assessment)

Fourth paragraph. To replace “Spacecraft operators, including those of the private sector” by “Governmental and non-governmental spacecraft operators”.