**MODEL UNITED NATIONS**

**WORKING PAPER**

**Committee**: GENERAL ASSEMBLY

**Agenda**: **Space traffic management with special emphasis on small satellites.**

**Country**: USA

**MEMBER** UKRAINE

* **Solutions**
* Focusing on dead satellites, aiming to catch them with robotic arms, spear them with harpoons
* To improve internal united nation leadership, capability and accountability at headquarters in the field on efforts to sustain peace.
* To evoke other countries that safety and security issues related to space traffic management should be kept separated to facilitate international data exchange and cooperation in the field of civil/ commercial space operations.
* To evoke other countries that satellite operators should share information and receive status reports and collision alerts.
* Placing a greater number of improved sensors in more locations around the globe would increase the sensitivity of measurements.
* To promote greater interest in space capabilities by emerging and developing countries.
* To develop STM standard and best practices.
* To establish a DOC administrative open architecture data repository for SSA/STM data.
* To foster continued growth and innovation in the commercial space sector.
* Safety, stability and operational sustainability are foundational to space activities including commercial, civil and national security activities.
* To share interest and responsibility of all space faring nations to create the conditions for a safe, stable and operationally sustainable space environment.
* To maintain a framework consisting of best practices, technical guidelines, behavioural launch, pre-launch risk assessments and on-orbital collision avoidance services is essential to preserve the space operational environment.
* To expand avenues for collaboration with international partners.
* To strongly advice member countries to make coordination between each of them regarding space traffic management
* To minimize the use of small satellites as they posses great threat to other satellites. Also, small satellites add to the space debris problem in outer space- because a significant proportion of them fail
* To adopt methods which include lasers and ion beams to remove space debris.