



DEPARTMENT OF DEFENSE  
UNITED STATES SPACE COMMAND  
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2 Apr 24

MEMORANDUM FOR USSPACECOM/J8 (Mr. T Lockhart)

FROM: USSPACECOM/J81

SUBJECT: Science & Technology (S&T) Priority List (STPL)

1. The J813 team reviewed the Commander's FY26 Integrated Priority List (IPL). The intent of the review and subsequent analysis was to match operational/mission gaps with S&T efforts that may advance solutions to address identified gaps. The attached list of IPL gaps was prioritized based on a combination of IPL rank and the known and estimated technical readiness levels (TRL) of potential solutions. The additional factor of potential funding sources was also considered.

2. I have reviewed the full IPL list and considered S&T development efforts as a basis for potential investment. The resulting prioritized list is provided as the STPL. Technical areas that were deemed to be closer to operational deployment, but still require some S&T development were prioritized higher.

3. The J81 S&T Prioritized list is as follows. More details regarding this ranking are available at a higher classification.

J81 Science and Technology Priority List

1	Anti-jam Ultra High Frequency (UHF) narrowband communications
2	Rendezvous Proximity Operations/Docking (RPO/D) software
3	Imaging Light Direction and Ranging (LIDAR), Hyperspectral sensors
4	Electronic Countermeasure frequency agility (S - Ku bands)
5	Large data analytics for sensor coordination and management

4. The POC for this action is Mr. Eric Koppisch, DAFC, 719-552-7374, [eric.koppisch@usspacecom.mil](mailto:eric.koppisch@usspacecom.mil).

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