

JPL Earth Science and Technology Directorate

TEAM AWARD

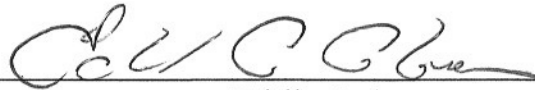
Presented To

RUSSELL TRAHAN

Synthetic Tracking for Space
Situational Awareness Applications

The team's successful development and demonstration of the synthetic tracking system significantly advanced both Air Force and NASA near-Earth object detection and tracking capabilities. The Air Force's primary interest was to improve the sensitivity of their Ground-based Electro-Optical Deep-Space Surveillance System (GEODSS). The team demonstrated an overall order of magnitude increase in sensitivity detecting small objects in geosynchronous (GEO) orbit along with other significant capability improvements.

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Eddie Cabrera

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