

SIP Small Business Awards

The NASA Exoplanet Exploration Program is pleased to announce the selection of the Science and Industry Partnership (SIP) small business subcontracts in support of advancing Starshade Technology. The following companies have been awarded JPL subcontracts to perform work that is synergistic and supportive of the on-going Starshade Technology Development Activity (S5) which strives to achieve a Technology Readiness Level (TRL) of 5 by 2023 for key technology gaps.

1. **Zecoat Corporation**, Torrance CA. Zecoat will evaluate, optimize, and test performance of a specular black coating on the starshade edges to minimize solar glint.
2. **Opterus Research and Development Inc.**, Fort Collins CO. Opterus will evaluate creep behavior of composite material resins through test and analysis.
3. **Tendeg, LLC**, Louisville CO. Tendeg will perform analysis and test of petal and PLUS deployments and petal deformations under stowage loads.
4. **ATA Engineering, Inc.**, San Diego CA. ATA will evaluate multiple structural analysis methodologies and software and assess the benefits of the approaches using petal deployment and position error as case studies.

The period of performance of these subcontracts is from June 2019 through Dec 2020. A presentation by each vendor on their proposed scope of work and progress to date will be on the agenda for the first SIP Face to Face forum (date 9/18/19).