1. SI/Title: Multidrizzle/Moving Target Capability

2. INS Lead: A. Koekemoer

3. Description of Work:
   Update the current version of Multidrizzle to add moving target capabilities. The current version does not work correctly, forming badly-combined images and occasionally crashing the pipeline (recent lunar observations). The software updates will require moving target keywords in science headers. The updates will be documented in the instruments’ Data Handbooks.

4. Schedule Constraints and Dependencies:

5. Risks and Open Issues:
   Risk – Moving targets are not correctly combined (and very occasionally can crash the pipeline – e.g., the recent lunar observations) if the code is not fixed.

6. Priority: High

7. Priority Justification:
   Moving targets crash the current version of the pipeline.

8. Resources (including estimated calendar duration for each portion):
   a. Requirements
      Instrument Scientists
   b. Development
      STSDAS Developer
   c. Testing
      Instrument Scientists
      Data Analysts
      STSDAS Test Engineer

9. Documentation and Deliverables:
   STSDAS Code Deliveries
   OPUS Pipeline Code Deliveries
   Data Handbook Updates
   Regression test Updates