

2023 Earth System Explorers (ESE) Announcement of Opportunity Program Library Change Log

The most recent version of this document may be found in the 2023 Earth System Explorers Program Library, at
<https://explorers.larc.nasa.gov/2022ESE/programlibrary.html>
by selecting “Change Log”.

Note: If a document is posted out of sequence or is revised, it will be indicated via highlighting in this log.

March 17, 2025

Updated the “Criteria and Requirements for the Phase A Concept Study” document under Program Specific Documents to the approved Rev A version.

February 5, 2025

Updated the “ESE Program Plan” under Program Specific Documents to the signed version.

November 15, 2024

- Corrected the spelling of ‘Collaborator’ in the title of Cost Table 4b as currently posted in the Program Library under Documents to assist CSR submissions (NOTE: Step-2 addition) > Templates section.
- Posted the ESE MAR compliance matrix template in the Program Library, under Documents to assist CSR submissions (NOTE: Step-2 addition) section > Templates section, as indicated in the table below.

Documents to assist CSR submissions (NOTE: Step-2 addition)

	Document Title
1	Space System Protection Documents Security Requirements for Cryptographic Models, FIPS PUB 140-2 Change notice (12-3-2002)
2	Sample International Agreements a. With Belgium for Juno b. With France for MSL
3	Program Level Requirements Appendix (PLRA) Examples a. TESS L1 PLRA b. ICON L1 PLRA
4	Mission Definition Requirements Agreement (MDRA) Examples ICON L2 MDRA (Rev E)
5	Level 1/Level 2
6	Conflicted Parties List Template
7	Templates <i>Microsoft Excel version of the Step 2 cost template tables in the AO:</i> • Cost Table 1: Total mission cost funding profile by organization • Cost Table 2: Time-phased cost breakdown by WBS and major cost category • Cost Table 3a: Total mission cost profile by mission phase, fiscal year, and WBS in real year dollars • Cost Table 3b: Total mission cost profile by mission phase, fiscal year, and WBS in fiscal year dollars • Cost Table 4a: Co-I funding profile by mission phase in real year and fiscal year dollars • Cost Table 4b: Collaborator Commitment and cost by funding profile by mission phase in real year and fiscal year dollars

Document Title	
	• Cost Table 5: NASA civil service costs by fiscal year in real year dollars • Cost Table 6: New Obligation Authority Budget in real year dollars • Cost Table 7: Funding profile for any SEO activities by fiscal year in real year dollars • ESE MAR Compliance Matrix template
NASA and Federal Documents	
1	NPR 8079.1 NASA Spacecraft Conjunction Analysis and Collision Avoidance for Space Environment Protection (Applicable after down selection)

September 30, 2024

Item 6, “Earth System Explorer Medium Explorers (MIDEX) 2023 Announcement of Opportunity (AO) Launch Services Information Summary” document in the [Program Specific Documents](#), was updated to reflect new information that is now available.

September 6, 2024

Release of the approved baseline version of the “Criteria and Requirements for the Phase A Concept Study” which is Item 5 in the [Program Specific Documents](#).

July 30, 2024

Corrected the revision letter for NPR 7150.2B, "NASA Software Engineering Requirements" to reflect the AO required version “NPR 7150.2D” (in the [Additional NASA and Federal Documents](#) section) and posted the Step 2 documents identified in the table below:

Documents to assist CSR submissions (NOTE: Step-2 addition)

Document Title	
1	Space System Protection Documents Security Requirements for Cryptographic Models, FIPS PUB 140-2 Change notice (12-3-2002)
2	Sample International Agreements a. With Belgium for Juno b. With France for MSL
3	Program Level Requirements Appendix (PLRA) Examples a. TESS L1 PLRA b. ICON L1 PLRA
4	Mission Definition Requirements Agreement (MDRA) Examples ICON L2 MDRA (Rev E)
5	Level 1/Level 2
6	Conflicted Parties List Template
7	Templates Microsoft Excel version of the Step 2 cost template tables in the AO: • Cost Table 1: Total mission cost funding profile by organization • Cost Table 2: Time-phased cost breakdown by WBS and major cost category • Cost Table 3a: Total mission cost profile by mission phase, fiscal year, and WBS in real year dollars • Cost Table 3b: Total mission cost profile by mission phase, fiscal year, and WBS in fiscal year dollars • Cost Table 4a: Co-I funding profile by mission phase in real year and fiscal year dollars • Cost Table 4b: Collaborator Commitment and cost by funding profile by mission phase in real year and fiscal year dollars • Cost Table 5: NASA civil service costs by fiscal year in real year dollars • Cost Table 6: New Obligation Authority Budget in real year dollars • Cost Table 7: Funding profile for any SEO activities by fiscal year in real year dollars
NASA and Federal Documents	
1	NPR 8079.1 NASA Spacecraft Conjunction Analysis and Collision Avoidance for Space Environment Protection (Applicable after down selection)

May 25, 2023

Updated the document "Earth System Explorer Medium Explorers (MIDEX) 2023 Announcement of Opportunity (AO) Launch Services Information Summary" in "Program Specific Documents".

May 11, 2023

Updated for the release of the Final AO. These changes include in part:

- 1) Addition of the newly released draft ESE Program Plan (#3 under "Program Specific Documents").
- 2) Addition of the Criteria and Requirements document for the Phase A Concept Study (#5 under "Program Specific Documents").
- 3) Addition of the Earth System Explorers Budget Summary, Exhibit A template (#15 under "Program Specific Documents").
- 4) Replacement of NASA-STD-1006 with the version A update.
- 5) Replacement of Frequently Asked Questions for Protecting SMD Spaceborne Assets, May 13, 2020 (#15 under "NASA and Federal Documents") with notice of removal due to NASA-STD-1006 version update.

May 1, 2023

Updated the Microsoft Excel file of template tables for item #12 under "Program Specific Documents" to support the Final AO release.

February 27, 2023

Added Mission Assurance Requirements (MAR) document, item #4, under Program Specific Documents.

January 26, 2023

Updated title for "LV Launch Services Program Information Summary" with "Earth System Explorer Medium Explorers (MIDEX) 2023 Announcement of Opportunity Launch Services Information Summary" in the Program Specific Documents section.

December 12, 2022

Updated for the release of the draft AO.