Vigil 2023 Announcement of Opportunity

Program Library Change Log

This document may be found in the Vigil Program Library, at <https://lws.larc.nasa.gov/vfmo/programlibrary.html>, by selecting “View Change Log”.

# June 22, 2023

Program library baselined concurrent with the release of the Vigil Announcement of Opportunity. The following changes are noted:

Additions to Vigil Program Library

* SDMWG Strategy\_Final.pdf posted as Science Mission Directorate-Specific Documents item *“4. Strategy for Data Management and Computing for Groundbreaking Science 2019 - 2024”.*
* SPD-33\_Citizen\_Science.pdf posted as Science Mission Directorate-Specific Documents item *“3e. SPD-33 Science Mission Directorate Policy Citizen Science SMD Policy Document”.*
* VGL-RS-ESA-NIO-0053 NIO RD.pdf posted as Program-Specific Documents item *“1b. Vigil NIO Requirements Document”.*
* VGL-HO-ESA-NIO-0057 NIO\_IRD\_addendum.pdf posted as Program-Specific Documents item *“1c Addendum to the NIO IRD”.*

Revisions from draft Vigil Program Library:

* ESA-S2P-LGR-MO-0002\_i2r1\_Vigil\_mission\_objectives\_and\_payload\_description.pdf posted as Program-Specific Documents item *“1a Vigil Mission Objectives and Payload Description”*. This file was erroneously titled ESA Proposer’s Information Package in draft PL.
* VGL-IRD-ESA-NIO-0037 NIO IRD i1.1 draft.pdf posted as Program-Specific Documents item *“1d* *Vigil Interface Requirements Document Version 1.1*”.
* [AWE MDRA] sdl19-3002b L2 req.xlsx posted as Program specific documents item *“5. Mission Definition Requirements Agreement (MDRA)”* replacing previous placeholder.
* 2022\_nasa\_new\_start\_inflation\_index\_for\_fy23\_final.xlsx posted as AO References item *“2a. NASA 2022 New Start Inflation Index for FY 2023 Use”* to correct broken link.
* 2023 Vigil AO Tables.xlsx posted as AO References item *“2b Microsoft Excel Versions of the Template Tables in the AO”* replacing previous placeholder.
* 2023 New copy of N\_PR\_8705\_004A\_.pdf posted as Agency-Wide Documents item *“2d. NPR 8705.4A Risk Classification for NASA Payloads”* correcting corrupted characters in previous document.
* HPD\_Data\_Policy\_Final\_20230202\_0.pdf posted as Heliophysics Division-Specific Documents item “1. *Heliophysics Division Science Data Management Policy Version 2.1*” to reflect new version of document.

Deletions from draft Vigil program library. These documents do not apply to the Vigil FMO

* NPR 8715.24 *Planetary Protection Provisions for Robotic Extraterrestrial Missions*.
* NPR 8715.6B *NASA Procedural Requirements for Limiting Orbital Debris.*
* NID 8715.129 *Biological Planetary Protection for Human Missions to Mars.*
* NASA-STD-8719.14C *Process for Limiting Orbital Debris.*
* NASA-HDBK-6022 *NASA Handbook for the Microbiological Examination of Space Hardware.*

# January 25, 2023

Concurrent with the release of the draft Vigil FMO Draft AO the draft Vigil Program Library was created as follows:

* [NDP\_1001.0D\_]fy\_22\_strategic\_plan.pdf posted as Agency-Wide Documents item “1a. NPD 1001.0D, *NASA 2022 Strategic Plan*”.
* N\_PD\_2521\_001B\_\_main.pdf posted as Agency-Wide Documents item “1b. NPD 2521.1B, *Communications and Material Review*”.
* N\_PD\_1360\_002B\_\_main[\_Change\_2].pdf posted as Agency-Wide Documents item “1c. NPD 1360.2B, *Initiation and Development of International Cooperation in Space and Aeronautics Programs*”.
* N\_PR\_7120\_005F\_.pdf posted as Agency-Wide Documents item “2a. NPR 7120.5F, *NASA Space Flight Program and Project Management Requirements*”.
* N\_PR\_7123\_001C\_[Change\_2].pdf posted as Agency-Wide Documents item “2b. NPR 7123.1C, *NASA Systems Engineering Processes and Requirements*”.
* N\_PR\_7150\_002D\_.pdf posted as Agency-Wide Documents item “2c. NPR 7150.2D, *NASA Software Engineering Requirements*”.
* N\_PR\_8705\_004A\_.pdf posted as Agency-Wide Documents item “2d. NPR 8705.4A, *Risk Classification for NASA Payloads*”.
* N\_PR\_2810\_001F\_.pdf posted as Agency-Wide Documents item “2e. NPR 2810.1F, *Security of Information Technology*”.
* N\_PR\_8715\_006B\_[Change\_2].pdf posted as Agency-Wide Documents item “2f. NPR 8715.6B, *NASA Procedural Requirements for Limiting Orbital Debris*”.
* N\_PR\_2200\_002E\_.pdf posted as Agency-Wide Documents item “2g. NPR 2200.2E, *Requirements for Documentation, Approval and Dissemination of Scientific and Technical Information*”.
* N\_PR\_8715\_0024\_.pdf posted as Agency-Wide Documents item “2h. NPR 8715.24, *Planetary Protection Provisions for Robotic Extraterrestrial Missions*”.
* NID\_8715\_129\_.pdf posted as Agency-Wide Documents item “3a. NID 8715.129, *Biological Planetary Protection for Human Missions to Mars*”.
* 206985\_2015\_nasa\_plan[\_for\_increasing\_access]-for-web.pdf posted as Agency-Wide Documents item “4a. *NASA Plan for Increasing Access to the Results of Scientific Research*”.
* nasa-std-871914c.pdf posted as Agency-Wide Documents item “5a. NASA-STD-8719.14C *Process for Limiting Orbital Debris*”.
* [NASA-SP-2016-6105\_Rev2\_]nasa\_systems\_engineering\_handbook\_0.pdf posted as Agency-Wide Documents item “6a. NASA-SP-2016-6105.Rev2 *NASA Systems Engineering Handbook*”.
* [NASA-SP-20210023927\_]wbs\_handbook\_0.docx posted as Agency-Wide Documents item “6b. NASA-SP-20210023927 *NASA WBS Handbook*”.
* NASA-HDBK-6022b.pdf posted as Agency-Wide Documents item “7a. *NASA-HDBK-6022 NASA Handbook for the Microbiological Examination of Space Hardware*”.
* 2020-2024\_NASA\_Science\_Plan\_YR\_21-22\_Update\_FINAL.pdf posted as Science Mission Directorate-Specific Documents item “1. *Science 2020-2024: A Vision for Scientific Excellence, Year 2021-2022 Update*”.
* SMD\_Class\_D\_Policy.pdf posted as Science Mission Directorate-Specific Documents item “2. *NASA Science Mission Directorate (SMD) Class-D Tailoring/Streamlining Decision Memorandum*”.
* [SPD-39\_]SMD\_Class\_D\_MAR\_(OSMA\_Final)\_04-01-21\_SMD\_Final\_rev2.pdf posted as Science Mission Directorate-Specific Documents item “3a. SPD-39 *Science Mission Directorate Policy: SMD Standard Mission Assurance Requirements For Payload Classification D*”.
* SPD-26B-Signed-TAGGED.pdf posted as Science Mission Directorate-Specific Documents item “3b. SPD-26B *Policy and Requirements for SMD Communications for Flight Missions*”.
* SPD-29\_Policy\_and\_Requirements\_fo\_SMD\_Externa\_Web\_sites\_TAGGED.pdf posted as Science Mission Directorate-Specific Documents item “3c. SPD-29 *Policy and Requirements for SMD External Web sites*”.
* SMD-information-policy-SPD-41a.pdf posted as Science Mission Directorate-Specific Documents item “3d. SPD-41a *Scientific Information policy for the Science Mission Directorate*”.
* HPD\_Data\_Policy\_Final\_20220209\_TAGGED-2.pdf posted as Heliophysics Division-Specific Documents item “1. *Heliophysics Division Science Data Management Policy Version 2.0*”.
* VGL-IRD-ESA-NIO-0037 NIO IRD.pdf posted as Program-Specific Documents item “1. *Vigil Mission Objectives and Payload Description*”.
* ESA-S2P-LGR-MO-0002\_i2r0\_Vigil\_mission\_objectives\_and\_payload\_description.pdf posted as Program-Specific Documents item “2. *ESA Proposer's Information Package*”.
* LWS\_Program\_Plan\_signed 04\_23\_21.pdf posted as Program-Specific Documents item “3. *Living With a Star Program Plan*”.
* ICON \_PLRA\_signed\_Redacted+OCR.pdf posted as Program-Specific Documents item “4a. *The Ionospheric Connection Explorer (ICON)*”.
* TESS\_Level-1\_Program\_Requirements\_HQ\_Final\_Signed\_Copy\_Redacted+OCR.pdf posted as Program-Specific Documents item “4b. *Transiting Exoplanet Survey Satellite (TESS)*”.
* Placeholder posted for Program-Specific Documents item “5a. *Mission Definition Requirements Agreement (MDRA)*”.
* TRL\_Examples.pdf posted as AO References item “1a. *TRL 6 Example*”.
* TRL-example-Ver02.pdf posted as AO References item “1b. *An Example of Demonstrating Systems Level TRL*”.
* Common-causes-TRL-Weaknesses-Ver03.080118.pdf posted as AO References item “1c. *Assessment of TRL in AO-Based Evaluations and Common Causes of Major TRL Weaknesses*”.
* 2022\_nasa\_new\_start\_inflation\_index\_for\_fy23\_final.xlsx posted as AO References item “2a. *NASA 2022 New Start Inflation Index for FY 2023 Use*”.
* Placeholder posted for AO References item “2b. *Microsoft Excel Versions of the Template Tables in the AO*”.
* MRPP Project Protection Plan Template 12-16-2020.docx posted as AO References item “3a. *PPP Template*”.
* MRPP\_CPS\_Candidate\_Protection\_Strategies-v4.5-20201216.pdf posted as AO References item “3b. MRPP.CPS.20201216 *Candidate Protection Strategies*”.
* CUI\_Portion\_Marking\_Sample.pdf posted as AO References item “4. *CUI Portion Marking Sample*”.