

ICESat-2 Project Controlled Document
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ICE, CLOUD, and Land Elevation Satellite
(ICESat-2) Project

RAPID III OBSERVATORY
DO

Spacecraft Government Furnished
Equipment/Property
ATTACHMENT F

ICESat-2-SCPM-CTR-0296

Revision A

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Goddard Space Flight Center
Greenbelt, Maryland



CHECK <https://icesat-2mis.gsfc.nasa.gov>
TO VERIFY THAT THIS IS THE CORRECT VERSION PRIOR TO USE.

CM FOREWORD

This document is an Ice, Cloud, and Land Elevation (ICESat 2) Project signature-controlled document. Changes to this document require prior approval of the applicable Product Design Lead (PDL) or designee. Proposed changes shall be submitted in the ICESat-2 Management Information System (MIS) via a Configuration Controlled Request (CCR), along with supportive material justifying the proposed change.

In this document, a requirement is identified by "shall," a good practice by "should," permission by "may" or "can," expectation by "will," and descriptive material by "is."

Questions or comments concerning this document should be addressed to:

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*** Signatures are available on-line at: <https://icesat-2mis.gsfc.nasa.gov> ***

ICESat-2 Spacecraft Procurement: List of Government Furnished Equipment/Property

| Number | Item | Delivery Date |
|--------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| GFE-1 | ATLAS Instrument Interface Simulator (IIS) Upgraded for Observatory Operation Simulator integration | MCDR + 3 months Launch – 20 months |
| GFE-2 | Flight ATLAS Instrument | March 2015 |
| GFE-3 | ATLAS Flight Mounting Flexures and Hardware | March 2015 |
| GFE-4 | ATLAS Electrical Connector (x2), bulkhead or cable, mated pair for each SC-ATLAS connection | March 2015 |
| GFE-5 | ATLAS Ground Support Equipment | With ATLAS Instrument |
| GFE-6 | LV Mating Connectors (x2) mated pair for each SC-LV connection | MCDR – 3 months |
| GFE-7 | Launch Vehicle | Launch – 14 days |
| GFE-8 | ATLAS Thermal Model Preliminary and Final | MPDR-2 Months, Preliminary MCDR-2 Months, Final Instrument T/V Test + 2 months, correlated |
| GFE-9 | ATLAS FEM Model Preliminary and Final | MPDR-2 Months, Preliminary MCDR-2 Months, Final |
| GFE-10 | ATLAS STEP Preliminary/Final | MPDR-2 Months, Preliminary MCDR-2 Months, Final |
| GFE-11 | Cal Curves for each ATLAS Temperature Sensor | MCDR+6 Months |
| GFE-12 | LV Drill Template | MCDR – 4 months |
| GFE-13 | LV Test Payload Attachment Fitting (TPAF) | MCDR + 2 Months |
| GFE-14 | LV Flight PAF | PER - Month |
| GFE-15 | Observatory Processing Facility at Launch Site | L – 3 Months |
| GFE-16 | ATLAS Input to ICDs | MPDR -1 month |
| GFE-17 | NASA Ground Network Compatibility Equipment | SC I&T Complete and as necessary to support Mission Testing |
| GFE-18 | NASA Space Network Compatibility Equipment | SC I&T Complete and as necessary to support Mission Testing |
| GFE-19 | NASA Authorization for all Uplink and Downlink Frequencies | MPDR + 6 months (stage 2) MCDR + 6 months (stage 4) |
| GFE-20 | Use of NASA GN and SN to support MRTS and On-Orbit Operations | SC I&T Complete – 3 Months and as necessary to support Mission Testing |
| GFE-21 | MOC Front End Processor to support ground testing with the MOC | Start of SC I&T |
| GFE-22 | Propellant | Launch – 7 days |
| GFE-23 | Drill Template for ATLAS-S/C Interface | Spacecraft CDR-4 months |