



CO-OPS Engineering Bulletin 17-001

Engineering Change: Upgrade the Satlink2 GOES Satellite Transmitters to v7.41 as instructed by CIL/SIL

Systems Affected: Systems implementing a Satlink2 transmitter as designated by CIL/SIL

Originating Team: Chesapeake Instrument Lab

Approval Date: 24MAY17

Background: The Satlink2 firmware version 7.41 has a limited release status. This version of the Satlink2 firmware is to be installed on systems designated by CIL/SIL personnel as part of the extended field-testing of the firmware. This version of the Satlink firmware is compatible with the Satlink2 V1 and V2 transmitters.

Action Required: Upgrade the SatLink2 GOES satellite transmitters to the following versions as directed by CIL or SIL.

Satlink2 V1	Satlink2 V2
SatLink2 Version 7.41	SatLink2B V2 Version 7.41
Bootloader 7.00	Bootloader 7.00
PIC 6.06 or 6.02 (for older units)	PIC 6.06
GPS Trimble Nav 1.6	GPS Trimble Nav 1.16

****After the transmitted upgrade is completed, verify that the UTC Offset under the GPS tab is set to -18. If it is not contact CIL or SIL for direction.*

Estimated Time To Complete: 15 minutes per unit

References:

CO-OPS SOP 3.2.3.5 (E1) Standing Project Instructions for Coastal and Great Lakes Water Level Stations
CO-OPS 4.3.1.2 (B3) Satlink 2 Logger and Transmitter Operations and Maintenance Manual