

The DPIIP shall include the following as a minimum:
(DPIIP must have table of contents in the following order)

- Dredging Company
 - Dredge Point of Contact
 - Phone Number
- Dredge Monitoring System Provider
 - Dredge Monitoring System Point of Contact
 - Telephone Number
- Dredge Name
- Sensor data collection method
 - Any averaging
 - Route from sensor to SI computer
- SI Computer Hardware & Components
 - Brand names and specifications
 - User guides and owner manuals
- Sensor repair, replacement, installation, modification or calibration methods
- Dimensioned Drawings of the Dredge
 - A typical plan and profile view of the dredge showing:
 - Hopper cross section
 - Locations of required sensors referenced to:
 - Fore and aft perpendicular
 - Hopper length, depth, width, zero reference
 - External hull draft markings (latitudinal, longitudinal, keel)
 - Each other
 - Overall dredge dimensions
 - Dimensions of draghead
 - Length
 - Pipe inside diameter at sensor locations
 - Offset to positioning system antenna
- Criteria and method used to increment load number
- Description of how the UTC date/time stamp is collected
- Positioning system
 - Brand name and specifications
 - Dredge heading instrumentation brand name and specifications
 - Instrument used to calculate COG
 - Any calculation done external to the instrumentation
 - Certificates of calibration and/or manufacturer certificates of compliance
 - Description of how dredge speed is determined
- Tide

- Description of how tidal information is entered into the data string.
- Hull status
 - Instrumentation brand name and specifications
 - Certificates of calibration and/or manufacturer certificates of compliance
 - Any calculation done external to the instrumentation
- Drafts:
 - Instrumentation brand name and specifications
 - Certificates of calibration and/or manufacturer certificates of compliance
 - Any calculation done external to the instrumentation
- Displacement:
 - Method used by Contractor to calculate displacement based on fore and aft draft
 - Method used by Contractor to calculate lightship displacement
 - Hydrostatic curves
 - Tables listing (fresh and salt water) displacement as a function of draft certified by a licensed marine surveyor/ naval architect independent of the Contractor (feet and tenths of feet)
 - These methods and tables shall be an accurate reflection of the current configuration and displacement
- Hopper Ullage:
 - Sensor brand name and specifications
 - Certificates of calibration and/or manufacturer certificates of compliance
 - Any calculation done external to the instrumentation
- Hopper Volume:
 - Method used by Contractor to calculate hopper volume based on fore and aft hopper ullage
 - Table listing the hopper volume as a function of hopper ullage, certified by a licensed marine surveyor/ naval architect independent of the Contractor (feet and tenths of feet). Upon approval, each page of the ullage table will receive the visible, dated Silent Inspector stamp. The Contractor shall include his copy of the SI stamped table in the on-board copy of the DPIP.
 - These methods and tables shall be an accurate reflection of the current configuration and volume
- DragHead
 - DragHead Depth
 - Sensor brand name and specifications

- Certificates of calibration and/or manufacturer certificates of compliance
 - Any calculation done external to the instrumentation
- DragHead Depth Check
 - Method used
 - If applicable sensor brand name and specifications
 - If applicable certificates of calibration and/or manufacturer certificates of compliance
 - If applicable any calculation done external to the instrumentation
- Drag Head Position
 - Sensor brand name and specifications
 - Any calculation done external to the instrumentation
 - Certificates of calibration and/or manufacturer certificates of compliance
- Slurry Density and Velocity Sensors:
 - Sensor brand name and specifications
 - Any calculation done external to the instrumentation
 - Certificates of calibration and/or manufacturer certificates of compliance
- Pump RPM
 - Sensor brand name and specifications
 - Any calculation done external to the instrumentation
 - Certificates of calibration and/or manufacturer certificates of compliance
 - Description of the pump for which the RPM is reported
- Criteria used to determine
 - Minimum pump effort
 - Pumping water
 - Material recovery
- Pumpout
 - Criteria used to determine pumpout
 - Sensor brand name and specifications
 - Any calculation done external to the instrumentation
 - Certificates of calibration and/or manufacturer certificates of compliance
- Refractometer:
 - Brand
 - Resolution and accuracy
 - Method of calibration
- Criteria used to determine open/closed status of hopper
- Documentation of :

- Test methods used by the Contractor to provide quality control of data
- Verification that the reported values are applicable for the sensor and application
- Log of sensor performance and modifications
Log of Contractor data backup as per Paragraph 3.3.7