

Writing Guidelines for Operational Data Set and Explanatory Remarks

The Operational Report should be accompanied by an Operational Data Set and Explanatory Remarks. The data and metadata in this report is acquired during drilling, field laboratory work, and the 1st sampling party and stored in ICDPs mobile Drilling Information System (mDIS). Most operational data sets can be directly exported from the mDIS.

Data typically included in an Operational Data Set:

- All Data (single file)
- Sites
- Holes
- Core Runs
- Core Sections
- Core Boxes
- Core Overviews
- Lithological Descriptions
- Core Images
- Drilling Technical Parameter
- Used Drill Bits
- Sample Request
- Core Samples taken
- Mud Samples taken
- Multi Sensor Core Logging
- XRF logging
- Borehole Measurement Campaigns
- Borehole Measurement Runs
- Borehole Measurement Files
- (R) Composite Borehole Log Plots
- Drilling Time Breakdown per Day
- Drilling Time Breakdown of Tasks

These data sets are made available to the science team during the moratorium period on a secure area of the ICDP webpage and/or in the mDIS and become public at the latest at the end of the moratorium.

The data sets should be documented and published with Explanatory Remarks. OSG will support publication through the GFZ Data Services as needed. The Operational Data Set and Explanatory Remarks will be published under a creative commons license (CC BY 4.0) including a DOI.

A guiding example of a published data set is the COSC-1 Operational Data Set ([10.5880/ICDP.5054.002](https://doi.org/10.5880/ICDP.5054.002)) and its explanatory remarks ([10.2312/ICDP.2015.001](https://doi.org/10.2312/ICDP.2015.001)).

The explanatory remarks on operational data sets could encompass:

Title Page

Abstract (Project)

Conventions and abbreviations used (e.g. ICDP naming conventions, different depth regimes)

Description and explanation of used methods

List of Data Files (e.g. data set name, file name, data format)

Metadata of Data Tables (can mostly be exported from mDIS)

References