UFrame-based OOINet Asynchronous Downloads Data Policy

Version 1-02
2018-01-18

Submitted to:
Consortium for Ocean Leadership
1201 New York Ave NW, 4th Floor, Washington DC 20005
www.OceanLeadership.org

RUTGERS

THE STATE UNIVERSITY
OF NEW JERSEY

Document Control Sheet

Version	Date	Description	Originator/ECR#
1-00	Dec 22, 2017	Initial version based on previous drafts	I. Rodero
1-01	Jan 10, 2018	DCN assigned	S. Banahan
1-02	Jan 18, 2018	Minor update (section 2) based on CCB	I. Rodero

Contents

1   Introduction

The OOI system has an amount of data storage capacity that can be devoted to files that cannot be currently delivered synchronously through UFrame-based OOINet. The data types stored in this storage are:

- Files generated via asynchronous download by user request, stored in folders organized by user name.

- Raw cabled and uncabled data organized by platform reference designator. "Raw" indicates data as they are received directly from the instrument, in instrument-specific format. They may, depending on the instrument, contain data for multiple sensors (interleaved), be in native sensor units (e.g., counts, volts) or have processing steps already performed within the instrument (e.g., primary calibration). This also includes large format audio/visual data (HD video, still images, and hydrophone data).

Below are the proposed policies to handle asynchronous data download and raw data archive storage.

2   Asynchronous Download

Data downloads in a user's asynchronous download landing folder older than 6 months (as an initial value) are purged automatically. The maximum usage per user is set to 500 GB (as an initial value). OOI CI shall reach out to users exceeding the 500 GB usage threshold to make arrangements.

3   Raw Data Archive

Directly available data in the raw data archive should be:

- All uncabled raw data for an initial period of 10 years
- All cabled raw data (minus hydrophone and HD video) for an initial period of 10 years
- An initial period of 6 months of broadband hydrophone (HYDBB) data
- An initial period of 6 months of full-resolution HD video data (.mov files)
- An initial period of 10 years of compressed HD video data (.mp4 files)

The data not directly accessible in the raw data archive is made available to users upon request, via a mechanism that will vary depending on the amount of data requested.

When a user submits a help desk request for raw data that are not directly available in the raw data archive, OOI CI will provide an alternate data delivery method:

- If the total request size is smaller than 500 GB (as an initial value), the files will be delivered through a staging area. The system should support at least 10 concurrent requests for <500 GB of raw data. Staged data will be purged 7 days after the user is notified of delivery (as an initial value).

- If the request is larger than 500 GB (as an initial value), users will be notified to deliver physical media of sufficient capacity and return address labels to the OOI CI (at user expense), to be returned no later than 1 month after the request (unless other arrangements are made). If a specific date range is not specified, the media will be filled to the maximum volume available, up to the most recent data as of the date when the media are received.