



S-131 Project Team Update

NIPWG10

September 13th, 2023



S-131 Overview

- API development
- GUI Development
- Challenges
- Timeline





API Progress

- <http://s131dev.com:8080/s100api-1.3/v1.3>
- Sample S-131 data: digital and paper
- Postman scripts developed to test responses
- GeoJSON to DB, DB Extraction to GML
- S-131 Groups: Layout, Physical Infrastructure, Services (including Berthing), Regulations & Contact Info



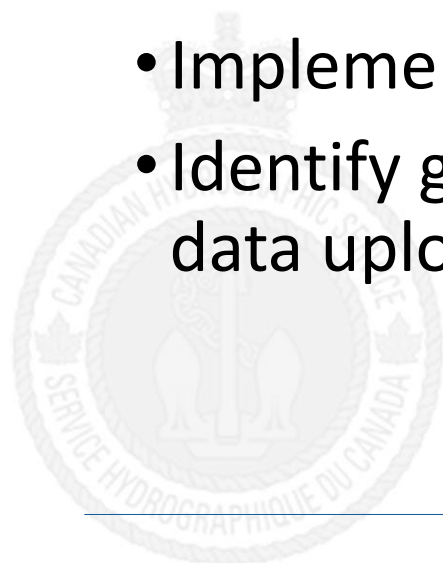
API Enhancements Underway:

- Attributes on relationships
- Multi-thread support
- Validation test API
- Updating by replacement of features
- More sample data to test berth/terminal relationships, waterways, contact details, etc



API Upcoming:

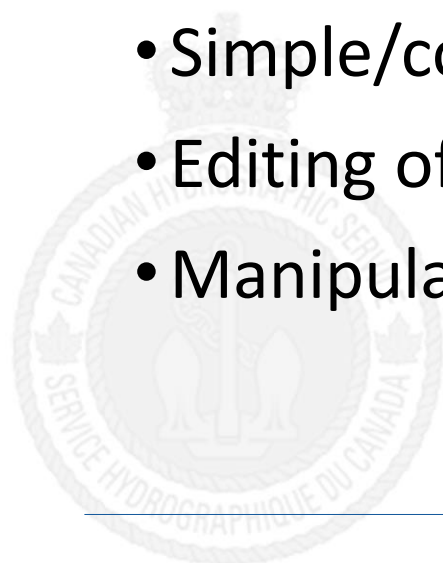
- Collaborate with front end team
- Implement changes - versioned deployments of API
- Identify generic, simple upload formats for initial data uploads from partner ports





GUI Progress:

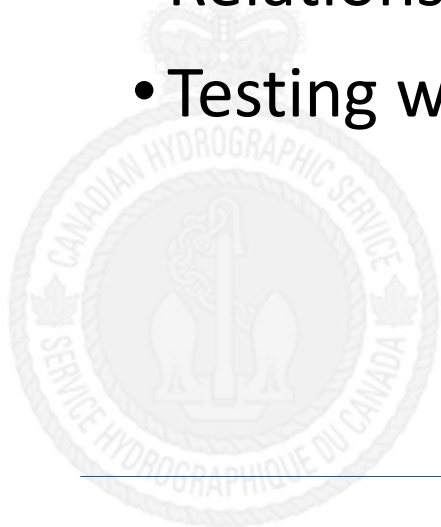
- Generates content compliant with S-131 Feature Catalogue Ed. 1.0.0
- Simple/complex/inherited attribution
- Editing of all Feature and Information types
- Manipulate the layers in the GUI






GUI Enhancements Underway:

- Support broader range of import formats
- Relationship applicability
- Testing with API sample dataset






Ocean-Terminals-1030x322.tif Browse Upload Open 

Piers 23-24, Piers A and A1

Pier 24 is an excellent berth for working cargoes that require open space, such as s

preView File



pictureCaption : Piers 23-24, Piers A and A1

pictureInformation : Pier 24 is an excellent berth for working cargoes that require open space, such as steel, project cargoes and heavy-lift operations. It is equipped with a rail siding immediately adjacent to the pier to facilitate direct loading to ship. Adjacent to Pier 23, Cunard Centre, a





GUI Upcoming:

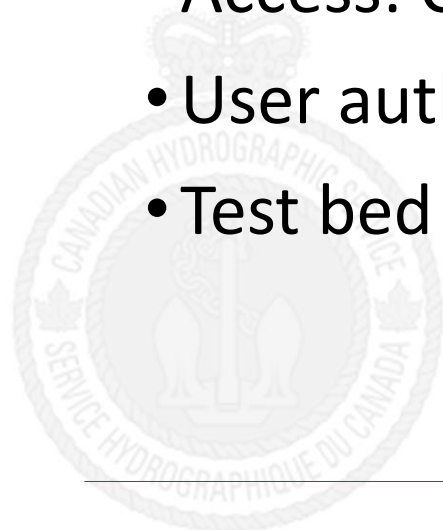
- Integration with back end
- Sample dataset testing
- Develop support for multiple formats





Challenges:

- GUI & API Integration
- Access: Central vs satellite
- User authentication
- Test bed deadline March 31st 2024





Thank you.

QUESTIONS?

