



NIPWG VTC-03

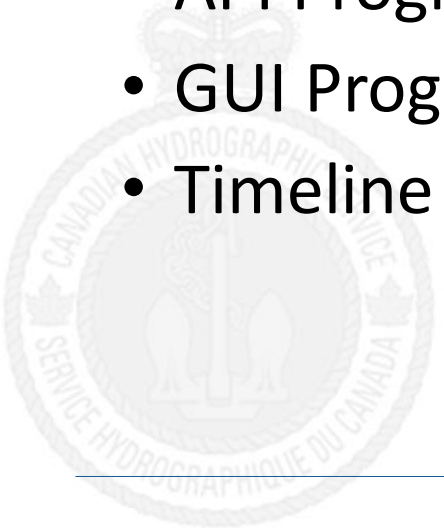
S-131 Project Team Update

December 6th, 2023



S-131 Overview

- Project Team activity
- API Progress
- GUI Progress
- Timeline



Project Team Activity

- Accelerated meeting schedule
- 1st F2F in Singapore
- Schedule
- Phase I test bed
- Phase II deliverables



API Progress

- Version 1.5.1: GeoJSON inputs, dataset creation/storage, GML/GeoJSON outputs
- Verification of GML outputs: ongoing
- Relationship attribution & enhanced validation: ongoing
- Singapore: data creation and digitizing



API Upcoming:

- Collaboration with front end team
- Looking ahead:
 - support files
 - metadata
 - better dataset management
 - completion of digitization

Datasets		^
GET	/addDataset/{datasetID} [DEV] add a new dataset	▼
GET	/delDataset/{datasetID} [LIVE] Delete a single dataset	▼
GET	/extractDataset/{datasetID} [LIVE] retrieve a dataset in standardised form from its identifier	▼
GET	/getDataset/{datasetID} [LIVE] Get an individual dataset	▼
GET	/listDataset/: [LIVE] List datasets	▼
GET	/modDataset/{datasetID} [DEV] modify an existing dataset	▼
GET	/validateDataset/{datasetID} [DEV] validate the contents of an entire dataset against the current feature catalogue.	▼



GUI Progress:

Client

Resources:

- GIS files (.shp)
- Graphics, Text, HTML files
- GML (S-131 data model)



Web-based GUI (Editor)
(+ available Web Map Services)

Extract/convert/edit/export

- Feature/attribute/geometry
- Information
- Association



Export :

- S-131 GML
- Support Files

HO

Port

S-131
S-101

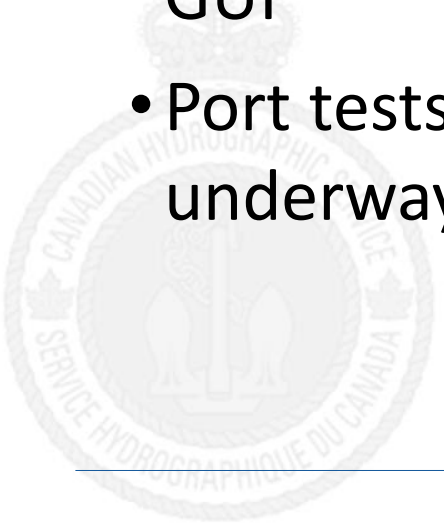
Port Guide
E-Nav
Services

Port
Database



GUI Upcoming:

- Collaborate with back end & test integration
- Simplified GUI
- Port tests underway



The screenshot shows a web-based GIS application interface for 'CAHAL - Halifax'. The interface includes a left sidebar with a tree view of 'Terminal' features, a central map area showing a harbor, and a right-hand data entry form for a 'graphic' feature. The form contains fields for 'Pictorial Representation', 'Picture Caption', 'Source Date', 'Picture Information', and 'bearingInformation'. A 'preView File' window is open at the bottom right, displaying an aerial photograph of a port area with a caption: 'Fairview Cove Container Terminal (PSA Halifax Fairview Cove)'.

Attribute	Value
Pictorial Representation	13100AA_FairviewCoveContainerTermin
Picture Caption	Fairview Cove Container Terminal (PSA Halifax Fairview Cove)
Picture Information	HPA Port Information Guide



Still To Come:

- December: API v 1.6; evaluate features/attributes to add; ID test ports
- January: port feedback; delivery of simplified GUI
- February: server deployment at IHO Lab; DB population; ongoing testing
- March: propose v 1.1 of model; e/o Phase I; Phase II
- April 1st, 2024



Thank you.

QUESTIONS?

