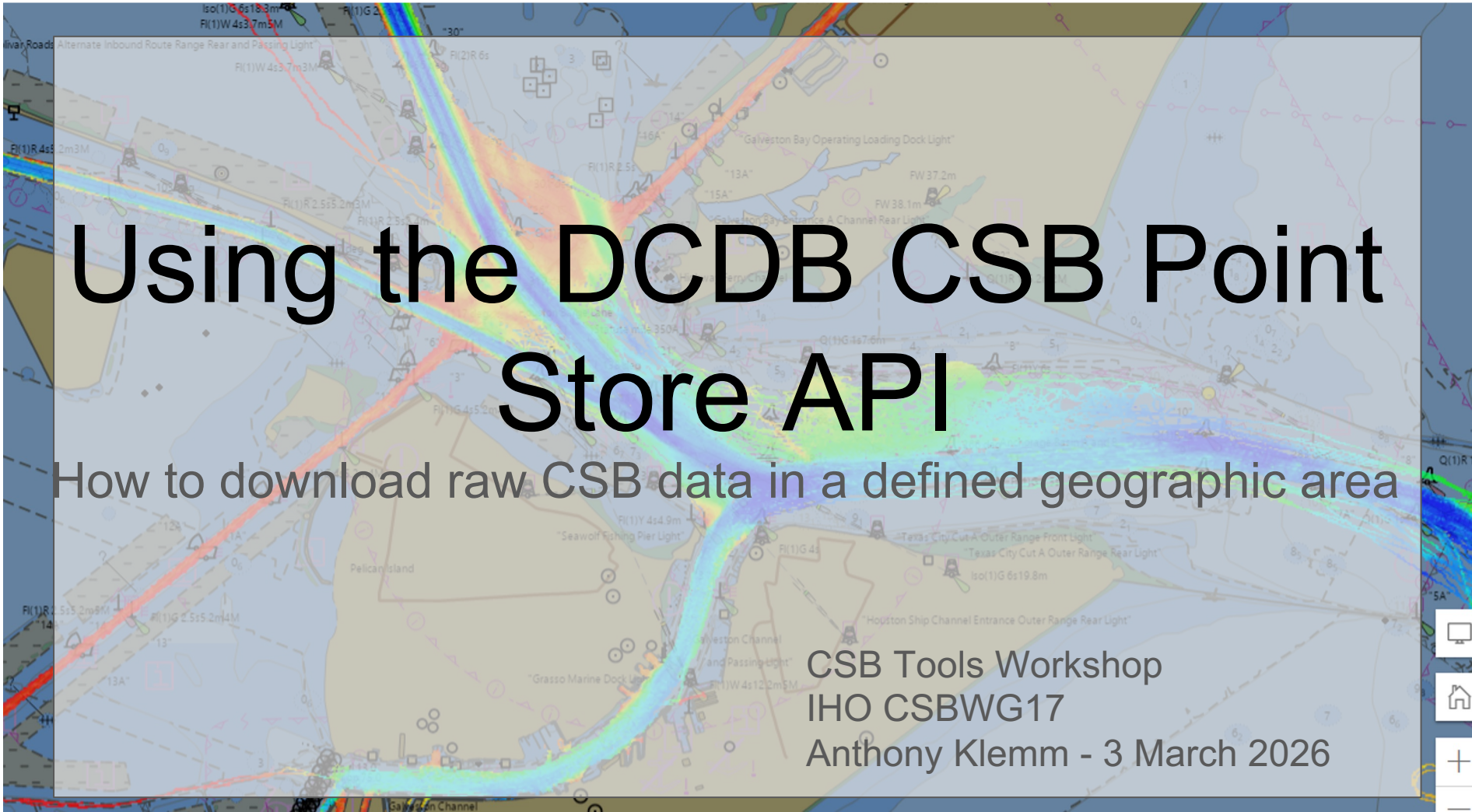
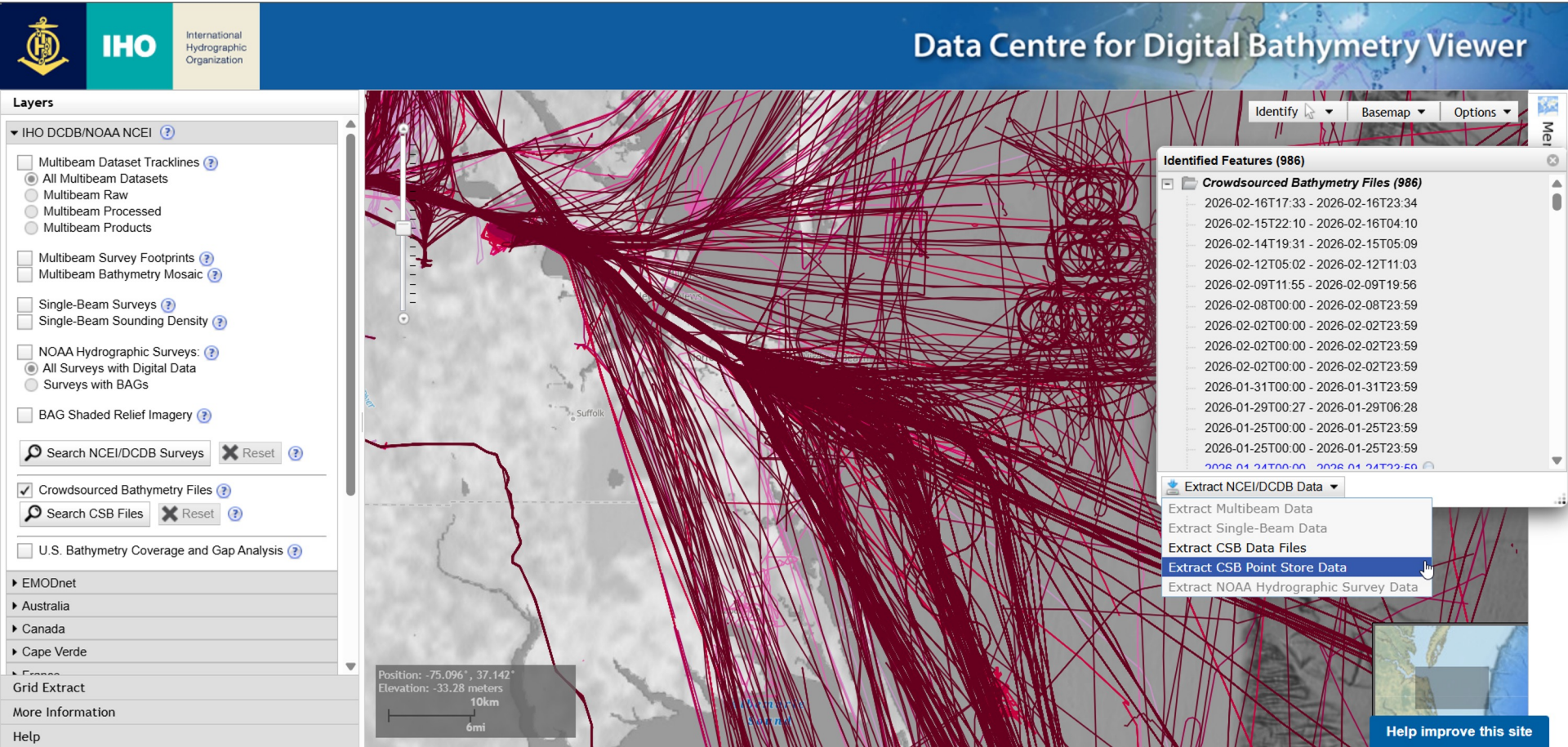


Using the DCDB CSB Point Store API

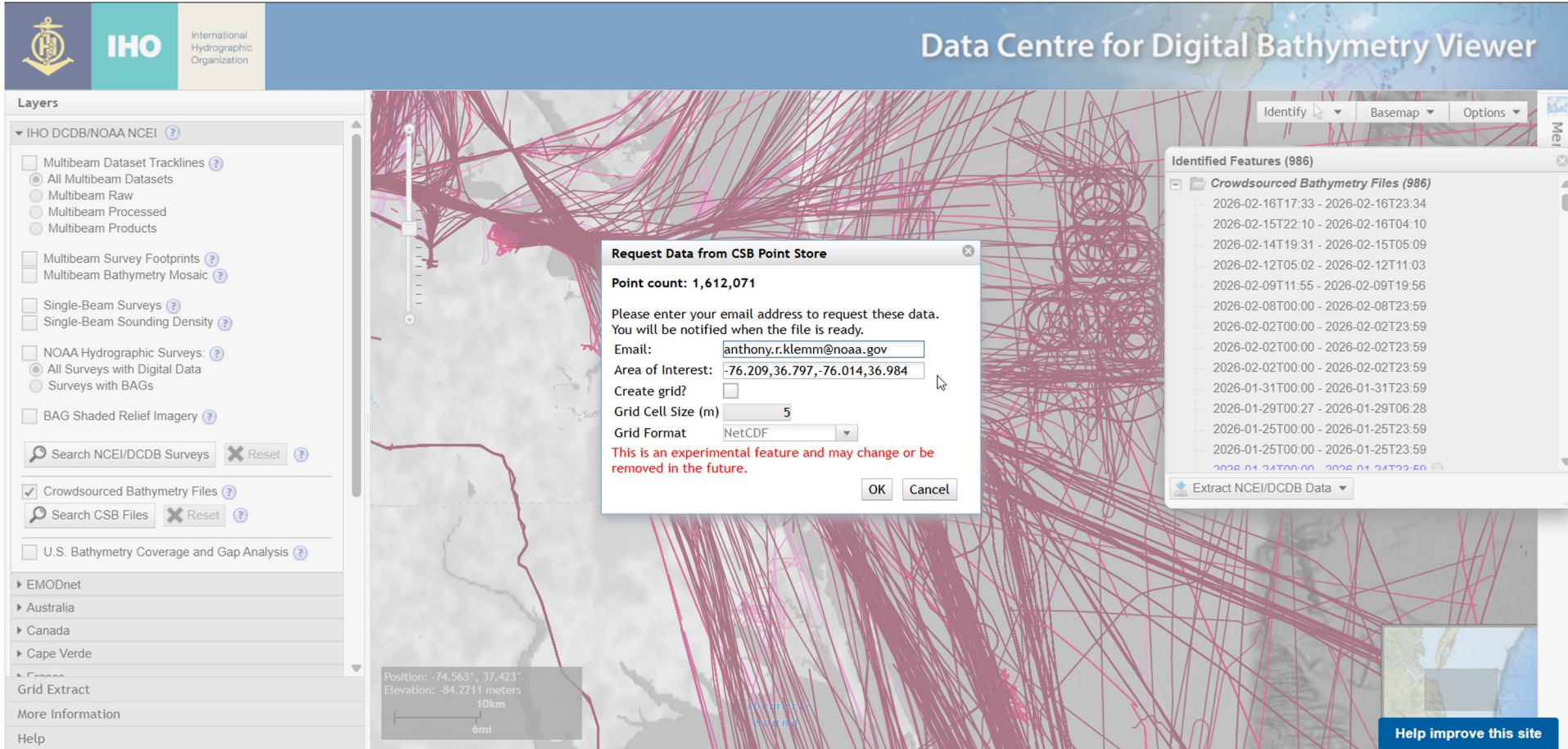
How to download raw CSB data in a defined geographic area

CSB Tools Workshop
IHO CSBWG17
Anthony Klemm - 3 March 2026

The IHO DCDB Viewer

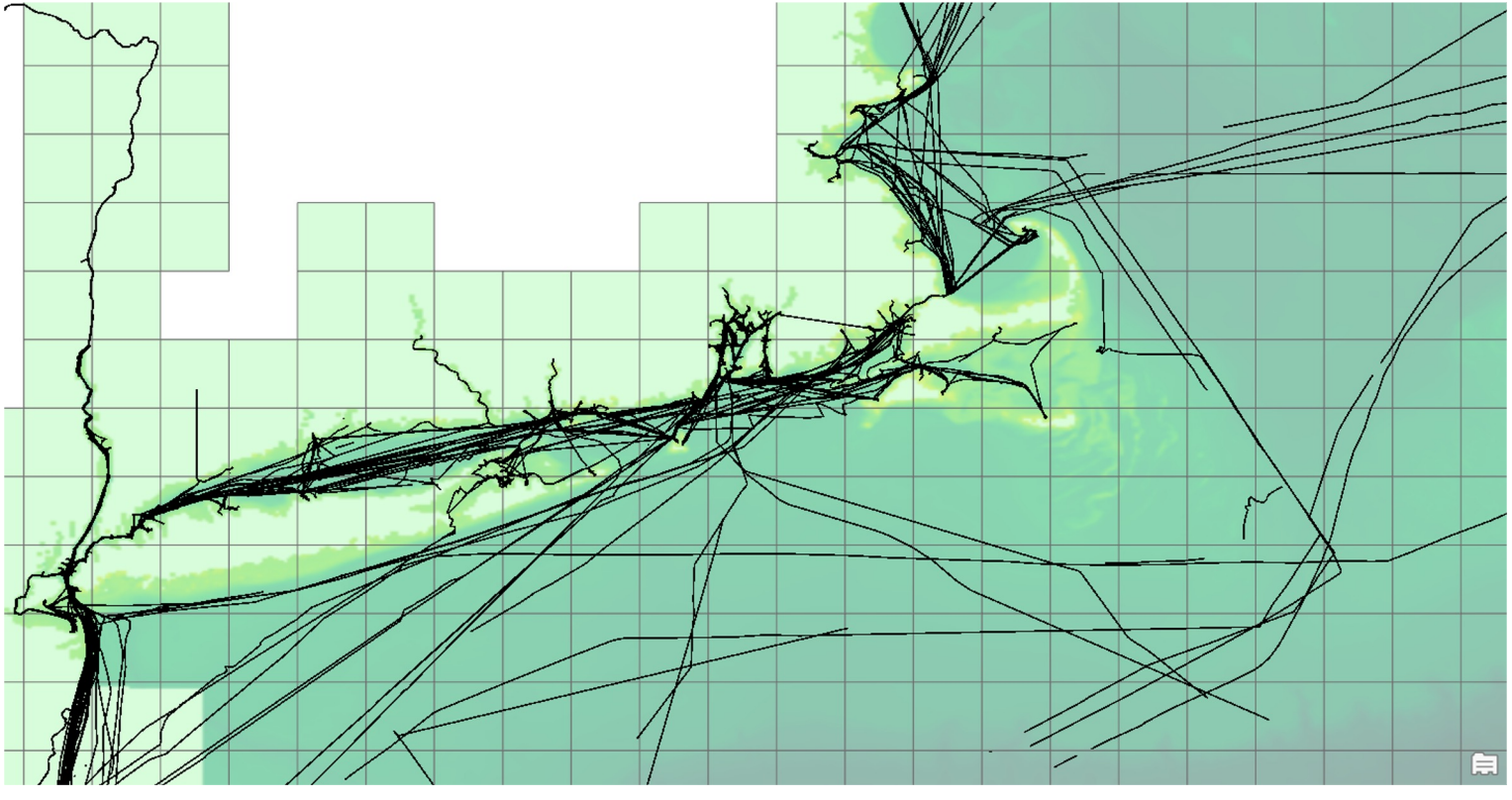


What is the CSB Point Store?



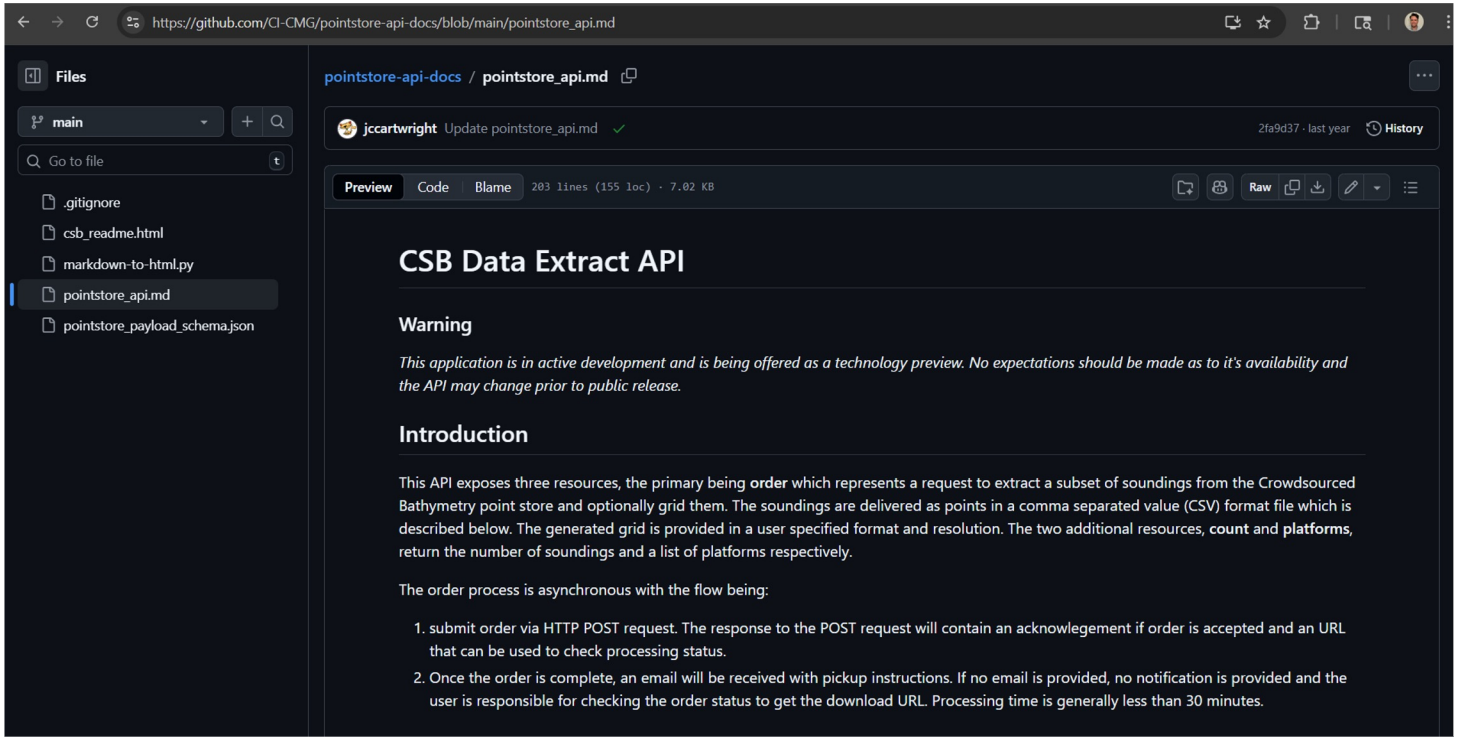
Large Area Downloads

Why would you want to break your downloads into a tessellation scheme?



DCDB CSB Point Store Documentation Github Repo

https://github.com/CI-CMG/pointstore-api-docs/tree/main



Building a request payload for the API

```python
def process_tile(bbox, email, tile_name, output_directory):
    print(f"Processing GRID_ID {tile_name} with bbox: {bbox}")

    # --- UPDATED PAYLOAD WITH DATE FILTER ---
    payload = {
        "email": email,
        "bbox": bbox,
        "datasets": [
            {
                "label": "csb",
                "archive_date": {
                    "start": START_DATE
                }
            }
        ]
    }
    # ------------------------------------------------
```

Scraper script is shipped with NOAA's Pydro CSB Processing Tool

https://svn.pydro.noaa.gov/Docs/html/Pydro/universe_overview.html