

Exchange Network Schema Development Meeting
Draft Agenda
October 28-29, 2008
at GoMOOS, 350 Commercial St, Portland, ME

Tuesday, October 28, 2008

- 8:30-9:00 Refreshments
- 9:00-9:10 Introductions
- 9:10-9:25 Purpose of Meeting
- Review Proposed Grant Schedule – doable?
- 9:25-10:00 Nodes and Node Clients
- Sending data to who and where – How is this going to work?
 - Installing a node client – what it might be like?
 - Building an XML file – Tools available
- 10:00-10:30 Reviewing the data available for the project
- Types of data being shared (physical/chemical, biological, automated, spatial etc.)
 - Data characteristics – update frequency, database, schemas used, # records, domain list basis etc.
- 10:30-10:45 Break
- 10:45-12:15 Starting the Schema Review and Development
- Setting the ground rules (includes thinking about the web application)
 - Quick review of Water Quality Exchange (WQX) 2.0 schema and EN data standards
 - Review other schemas (OBIS, NBII, Environment Canada, JGOFs, etc.)
 - What’s common to all?
- 12:15-1:15 Lunch – provided at GoMOOS
- 1:15-2:30 Building the Schema
- Evaluate the WQX – can it work as is?
 - Adding/deleting data elements from the WQX
- 2:30-2:45 Break
- 2:45-4:45 Building the schema (continued)
- 4:45-5:00 Wrap-up for the day and plan for next day
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Wednesday, October 29, 2008

- 8:15-8:30 Refreshments
- 8:30-10:30 Building the Schema (continued)
- What is required or optional?
 - Handling domain lists
- 10:30-10:45 Break
- 10:45-12:15 Building the Schema (continued)
- Assessment: do we have agreement on the schema design?
 - What's next for the schema?
- 12:15-1:15 Lunch – provided at GoMOOS
- 1:15-1:45 Trading Partner Agreements (TPAs)
- What data will you provide, when will you provide it, how often will it be refreshed, etc?
 - Using the template to create your TPA
- 1:45-2:30 Web Application
- Review relevant general retrieval examples (PNWWQX, COINAtlantic, others)
 - What do we want?
- 2:30-2:45 Break
- 2:45-4:30 Web Application (continued)
- 4:30-5:00 Wrap-up and next steps
- Map your data to the schema and discover any difficulties
 - Finalize schema
 - Develop ability to build XML files according to the schema
 - Set up node clients
 - Build schema validation and data checking tools
 - Build back-end database to accept data
 - Send data
 - Continue web application development discussions
 - Present our work at spring Exchange Network conference