

COINAtlantic Update

January 23, 2008

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Vision Statement

- COINAtlantic will be a portal to data, information and applications, in support of decision-making by coastal and ocean managers and users of coastal and ocean space and resources.

Guiding Principles

- Client Driven
- 'Closest to source' data provider
- Collaboration among ACZISC Partners
- Best use of:
 - ACZISC Secretariat
 - ACZISC Members
 - Collaborators
 - Contracts

Deliverables of GeoConnections Proposal

- A web-accessible COINAtlantic user interface (access tool)
- New Web Mapping Services (WMS) and Web Feature Services (WFS) maintained and delivered to the Internet by the 'closest to source' data provider organization, and
- New specialized internet services or enhanced existing internet services that will increase the usability of the web mapping applications

Proposal Phases and Timelines

Phase	Start Date	Completion Date
Phase 1 - Initiation	January 7, 2008	March 31, 2008
Phase 2 – Design	April 1, 2008	June 30, 2008
Phase 3 – Build	April 1, 2008	March 31, 2009
Phase 4 - Implementation	April 1, 2008	March 31, 2009
Phase 5 - Conclusion	February 10, 2009	May 15, 2009

Proposal Collaborators

- ACZISC Secretariat and Committee
- Department of Fisheries and Oceans
 - Maritimes Region
 - Gulf Region
 - Newfoundland and Labrador Region
- Natural Resources Canada
- Dalhousie University
- University of New Brunswick
- Provinces of
 - Nova Scotia
 - Newfoundland and Labrador
- Environment Canada
- Southern Gulf of St. Lawrence Coalition on Sustainability (SGSLCS)
- New Brunswick Aquatic Data Warehouse

Proposal Management Structure

- Project Manager
- Management Committee
- ACZISC Steering Committee
- Advisory Committee

Management Committee Members

- Mike Butler, ACZISC Secretariat, Committee Chair
- Paul Boudreau, ACZISC Secretariat, Project Manager
- Andrew Sherin, Natural Resources Canada
- Tim Hall, Department of Fisheries and Oceans, Oceans and Habitat
- Robert Branton, Centre for Marine Biodiversity/ Dalhousie University
- Colin MacDonald, Province of Nova Scotia, GeoNova Program
- John O'Neill, Department of Fisheries and Oceans, Science Branch

Proposed Advisory Committee Representatives

- Gulf of Maine Ocean Data Partnership (GoMODP)
<http://www.gomodp.org>
- COINPacific/Province of British Columbia
<http://aardvark.gov.bc.ca/apps/coin>
- SMART Bay Placentia Bay
<http://www.smartbay.ca>
- St. Lawrence Observatory
<http://www.osl.qc.ca>
- Ocean Tracking Network
<http://www.oceantrackingnetwork.org>
- Australian Marine Spatial Information System
<https://www.ga.gov.au/amsis>

Current Situation – January 2008

- Joint Project Agreement (JPA) signed between DFO Maritimes and ACZISC for full time Project Manager – Paul Boudreau
- Proposal completed and submitted to GeoConnections
- Management Committee has met
- TOR for Management Committee and Advisory Committee under development
- List Server: COINATLANTIC@LISTSERV.DAL.CA
- Email: COINAtlantic@dal.ca
- Website: www.COINAtlantic.org (under development)

Proposed Meetings

- January 23 - ACZISC Steering Committee
- February - Advisory Committee
- February - Kick-off Meeting
- March - Users Requirements
- May - Application Services Design
- May 14 - ACZISC Steering Committee
- June - Architecture and Data Layers

Promised Documentation

- March 31st, 2008
 - User Requirements
 - Revised implementation plan
- May 1st, 2008
 - Communication Plan
 - Sustainability Plan
- June 30th, 2008
 - Application and Service Design
 - Principles and Protocols for Data Consortium
- September 2nd, 2008
 - WMA code, system documentation
 - NGO Capacity training and support materials
- March 31st, 2009
 - Signed consortium agreements

Proposed Data and Applications within COINAtlantic Phase 1

- ESSIM and Grand Banks Ocean Use Atlas WMS/WFS
- OBIS Canada Biodiversity WMS/WFS
- Research Trawl data WMS/WFS
- GOM WMS/WFS
- ESS Coastal WMS/WFS
- Nova Scotia Coastal Maps - creation of WMS/WFS and Metadata
- Upper Bay of Fundy SPAtlas
- DFO visualization of ocean circulation models
- Revised Regional Bathy Grid
- Marine Cadastre/Boundary Web Service

Proposed Contracts

Work Task	Estimated Cost	Delivery Date
Corporate Identity	\$5K	Feb. 29, 2008
Confirm User Requirements	\$2K	March 31, 2008
Revision of COINPacific WMA testing and Installation	\$4K	May 30, 2008
Application/ services design review	\$10K	June 30, 2008
NGO Capacity Building strategic review	\$10K	June 30, 2008
Development and testing of WMA version 2	\$10K	Sept. 2, 2008
NGO Capacity building material and training development and testing	\$10K	Sept. 2, 2008
Development and Testing of analytical WMA	\$30K	Dec. 1, 2008
3 rd Party Evaluation	\$10K	Feb. 27, 2009
NGO Capacity Building roll-out	\$10K	March 1, 2009

Immediate Tasks – by April 2008

- Secure Letters of Collaboration
- Convene Advisory Committee Meeting
- Convene Project Kick-off Meeting
- Convene Workshop to refine and clarify User Requirements for COINAtlantic
- Revise Implementation Plan
- Produce User Requirements Documentation

COINAtlantic Sustainability Tasks

- Prepare Data Consortium agreements (Data providers, *i.e.* layer publishers commit to continue to provide layers to the Internet)
- Develop NGO / community engagement tools (to sustain an informed and dedicated user community)
- Undertake sustainability research and plan (How have other similar enterprises survived / thrived? What is feasible for Atlantic Canada?)

Measures of Success by 2009

- Sustainable Online Web Portal
- Continued commitment by ACZISC Members and other collaborators
- NGO Groups actively contributing information and using applications
- Clear plan for Next Phase of Development and Implementation

COINAtlantic (and beyond)



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- COINAtlantic -

We are in the business
of getting results with
the resources
available.