

MINUTES OF ACZISC MEETING #3

Atlantic Coastal Zone Information Steering Committee

Date: May 27, 1992 - 0900 hrs.

Location: Prince Edward Hotel
18 Queen Street
Charlottetown, PEI

PRESENT:

<i>Name</i>	<i>Affiliation</i>	<i>Tel. No.</i>
Don Amos	Public Works Canada	902-496-5009
Paul Bellemare	Fisheries and Oceans Canada	902-426-3497
Paul Boudreau (alternate for Paul Bellemare)	Fisheries and Oceans Canada (DFO Geomatics Secretariat)	902-426-7564
Michael Butler, Chairperson	LRIS/CMP	902-424-5835
Larry Hildebrand	Environment Canada	902-426-9632
Claudette LeBlanc, Secretariat	LRIS/CMP	902-667-7231
Kingsley Lewis (observer)	PEI Executive Council	902-368-4511
Lincoln MacLeod	Nova Scotia	902-485-7015
Neil MacNaughton	Newfoundland and Labrador	709-729-3239
John Major	Transport Canada	902-426-3939
Andy Montgomery (observer)	NS Land Use Committee	902-424-4089
Steve Murray (observer)	DMR Group Inc.	902-420-1119
Mary Ogilvie	New Brunswick	506-453-3908
Jim Ramsay	Prince Edward Island	902-368-4075
Andrew Sherin	Energy, Mines and Resources Canada	902-426-7582

1. **WELCOME AND INTRODUCTION OF PARTICIPANTS**

Michael Butler, Chairperson, called ACZISC Meeting #3 to order at 09:00 hrs. He welcomed members and observers and thanked the Province of Prince Edward Island for providing the meeting facilities. A roundtable introduction of participants followed. An up-to-date list of Committee members with addresses, telephone nos., etc. is attached.

2. **ADOPTION OF AGENDA, AND REVIEW AND APPROVAL OF MINUTES FOR MEETING #2**

The Provisional Agenda for Meeting #3 was reviewed. Michael Butler stated that Andy Montgomery, Director of the NS Land Use Committee, would be making a presentation on the Committee. It was also suggested that the word "Funding" in Agenda item #6 be removed and that the order of items #6 - "Workplan, etc." and #7 - "Presentations" be reversed. The Agenda (copy attached) was subsequently approved.

The minutes of ACZISC Meeting #2 were reviewed and approved as circulated.

3. **STATUS OF ACTION ITEMS**

TERMS OF REFERENCE: The Terms of Reference were discussed by the Committee and approved (copy attached). The members recommended that the Terms of Reference be reviewed on an annual basis.

BLUE PLAN: Because of the relevance of Steve Murray's (DMR Group Inc) presentation on "Private Sector Collaboration in the Implementation of ICOIN" to the Blue Plan, discussions re the Blue Plan were rescheduled to follow his presentation.

DIRECTORY OF DATABASES: Draft ACZISC questionnaires for each jurisdiction were distributed to each ACZISC member by the Secretariat in hard-copy form. The forms contain database information obtained from existing directories. Members requested WordPerfect copies of the files to use for updating the information for the ACZISC Directory.

ACTION: Secretariat to distribute a WordPerfect version of the draft ACZISC Database Directory files to Committee members by June 5, 1992.

ACZISC Committee members to distribute draft Database Directory questionnaires to the contact persons identified on the forms for review, update, provision of missing details and signature. Other databases currently not identified in the draft ACZISC Database Directory questionnaires should be documented. Verified database questionnaires should be collected and returned to the ACZISC Secretariat by June 30, 1992.

Working Group of the ACZISC (Claudette LeBlanc, Paul Boudreau and Neil MacNaughton) to hold discussions re the ACZISC Database Directory structure with LRIS and Gulf of Maine Data and Information Management Committee personnel to ensure a coordinated approach.

NAVIGABLE WATERS PROTECTION ACT (NWPA): John Major briefed the Committee on the NWPA which dates from 1873, making it the 2nd oldest piece of legislation in Canada. The Act, administered by the Coast Guard, was originally used to control the construction of bridges over rivers. Currently it serves to control the building of structures on, over or through navigable waters. The Coast Guard works closely with the Provinces in administering the Act because various water-related activities fall within some degree of provincial jurisdiction. The administration of the Act would be facilitated by having access to a database of the coastline. Attached is a paper by John on the NWPA presented at the symposium on Canadian Environmental Regulations and Issues in the Shore Zone, held at Mont Ste-Marie, Québec, October 7-9, 1991.

FISHERIES AND OCEANS CANADA, PROGRAM COORDINATION: Paul Bellemare represents the DFO Gulf, Newfoundland and Scotia/Fundy Regions on the ACZISC. In order to facilitate his work on the ACZISC and other geomatics initiatives, a Geomatics Coordination Structure has been established within DFO. A diagram of the Coordination Structure was distributed by Paul to the ACZISC members (copy attached).

ACZISC members recommended that the Secretariat be provided with information on coordinating structures as these become established within each jurisdiction of the ACZISC.

ACTION: Members should provide the Secretariat with a description, including a graphic (e.g., organizational chart), of the mechanism for feedback and information dissemination in their respective jurisdictions re ACZISC activities and coastal zone information management in general. Key contacts, including telephone and fax numbers, should be included. The Secretariat will distribute this information to members.

ENVIRONMENT CANADA INTEGRATED APPLICATIONS GROUP (IAG): Larry Hildebrand reported on the newly formed IAG of the Conservation and Protection sector of Environment Canada. The Group has been established to provide program coordination and to facilitate cooperation. It is composed of technical experts in GIS, Remote Sensing and Information Management and operational managers involved in Environmental Assessment, Emergency Response and State of the Environment Reporting. The first task of the Group will be to identify expertise, applications and training requirements within Conservation and Protection. The IAG's management contract has been approved and the Group, chaired by Geoff Howell, will be meeting shortly. Larry will report further at the next ACZISC meeting.

4. ***ROUNDTABLE REVIEW OF COASTAL ZONE ACTIVITIES***

NOVA SCOTIA: Lincoln MacLeod briefly reviewed the activities of the NS Coastal Zone Issue Group which he chairs. The Group currently has representatives from seven departments; in order to function effectively, the Group will be establishing linkages with other levels of government, e.g., municipal and federal. The ultimate goal of the Issue Group is integrated coastal zone management. To achieve its goals, the Issue Group will:

- define departmental concerns, and identify gaps and redundancies
- devise a coordinated solution
- deal with jurisdictional concerns through bilateral agreements
- formulate policies and present these to Policy Board for approval
- devise an integrated coastal zone management policy
- implement policy and
- monitor results.

March 31, 1993 has been set as the target date for the report to be presented to Policy Board.

The Coastal Zone Issue Group acts as the scientific authority for the NS Coastal Zone Program which is being implemented by LRIS. Lincoln reviewed a chart depicting the Digital Database Infrastructure of the Program (copy attached).

NEW BRUNSWICK: Mary Ogilvie reported that a Coastal Sub-Group of the Mapping Sub-Committee of the NB Geographic Information Mapping Advisory Committee (GIMAC) has been established. Also a sub-group of the NB Standards Committee is considering standards for coastal mapping; the NB Standards Committee is chaired by Mary.

An interdepartmental group headed by the NB Department of Environment has been formed to review a project proposal submitted to the ACOA Atlantic Geomatics Alliance to develop a coastal area information management system for Passamaquoddy Bay. Funding support from the NB Environmental Trust Fund has been provisionally approved pending approval of the project by ACOA.

ATLANTIC GEOSCIENCE CENTRE/ENERGY, MINES AND RESOURCES CANADA:

Andrew Sherin reported that EMR is very active in the Inter-Agency Committee on Geomatics (IACG) at the national level; it provides Secretariat services to the Committee. On a regional basis, the AGC has a GIS Working Group. The staff at the AGC corresponds regularly with staff of the GIS and Mineral Policy Divisions of EMR.

A Symposium on Information Management will be held in Ottawa in early June. Andrew will report further on the Symposium at the next ACZISC meeting.

The 1992/93 AGC cruise schedule was distributed (copy attached).

A hand-out (copy attached) was distributed showing the aerial coastal videos of PEI available from the AGC. The latest video produced, including a voice overlay for interpretation, covers East Point to New London Bay. The AGC also produces videos for oil companies; however, these are not available for general distribution.

ACTION: Andy Sherin to provide Index of videos produced for oil companies to Secretariat for distribution.

PRINCE EDWARD ISLAND: Jim Ramsay stated that PEI could expand its existing infrastructure to address coastal zone issues. At the Cabinet level, a Committee of Deputy Ministers has decision-making authority. The Committee advises Cabinet on decisions. It meets quarterly. A Working Committee of senior managers, chaired by Jim, is responsible to the Committee of Deputy Ministers and deals with issues re standards, MOUs, policy, etc.; the Terms of Reference of the Working Committee could be expanded to include coastal zone management. The Working Committee meets monthly. A sub-committee of the Working Committee may be formed to deal specifically with the coastal zone.

COAST GUARD/TRANSPORT CANADA: The Marine Navigation Services of the Canadian Coast Guard has a national steering committee which deals with information management; John Major is a member. The Coast Guard also has a regional infomatics committee which makes recommendations re software and hardware for various applications.

The Coast Guard will be converting to the ORACLE DataBase Management System for its database of aids to navigation; this should be completed by September. The Coast Guard is cooperating with Environment Canada on its database of hazardous materials.

The possible privatization of NS Power has generated private sector interest in hydro-electric projects. These proposals are sometimes based on old grants which have not yet been exercised. Because these structures would be located at the mouth of rivers, the coastal zone could be impacted. The Canada/US Free Trade Agreement has generated interest in the Coast Guard Dredging Program overseen by John; the interest is primarily municipality driven.

Newfoundland and Labrador are not part of the Coast Guard Maritime Region of which John is a staff member. He will be exploring options re representing the Newfoundland Region of the Coast Guard/Transport Canada on the ACZISC in addition to the Maritime Region.

PUBLIC WORKS CANADA: Public Works Canada has a National Committee for GIS - Don Amos is a regional representative on the Committee. Public Works also has a regional GIS Committee chaired by Bill Blight. Richard Belyea is the Public Works representative on the Hydrographic Committee chaired by Paul Bellemare. The Department provides data re dredged channels to the Canadian Hydrographic Service of DFO. The Department is currently working on projects for Small Craft Harbours of DFO and for Transport Canada in Lunenburg Harbour.

NEWFOUNDLAND AND LABRADOR: Neil MacNaughton stated that a GIS management structure for the Newfoundland and Labrador has been implemented based on the recommendations of a 1989 study. The structure consists of a Steering Committee of Assistant Deputy Ministers, chaired by the ADM of the Lands and Parks Branch of the Department of Environment and Lands, and a Technical Sub-Committee. This Technical Sub-Committee, chaired by a representative from the Treasury Board, deals with coordination and standards. The Department of Development is taking a keen interest in issues relating to the coastal zone.

Neil briefed the Committee members on the digital conversion of NTS map sheets at 1:250,000 and 1:50,000 for Newfoundland and Labrador; he distributed an index indicating the status of the project as of April 92 (copy attached). The 1992/93 budget for the conversion is \$80,000; the cost per map sheet is \$1000. Maps for 17 communities in the coastal region of Labrador will also be digitized at 1:2500.

FISHERIES AND OCEANS CANADA: Through the Geomatics Coordination Structure, a *Geomatics Strategy for Coastal Management in Atlantic Canada* has been developed for DFO. A presentation on the Strategy will be made by Paul Bellemare to the Regional Director Generals for their approval. A detailed workplan for the implementation of this Strategy will also be developed. Copies of the final draft of the DFO Geomatics Strategy were distributed by Paul to the ACZISC members (copy attached).

The Canadian Hydrographic Service produces two types of data:

- source data (scale independent)
- chart data (a graphic product - includes data derived from other sources)

Paul Boudreau reviewed the Habitat Sensitivity Mapping Workshop held at BIO from February 17-19. A Workshop summary has been prepared (copy attached).

ACTION: Paul Boudreau to provide copies of the Habitat Sensitivity Mapping Workshop Report to Secretariat for distribution to members.

DFO is developing an aquaculture information management system (for further information, contact: Gary Turner, Senior Advisor - Aquaculture and Enhancement, Habitat Management, DFO Halifax, tel 902-426-3231). Mr. Turner made a presentation on this system at the Habitat Sensitivity Mapping Workshop; a synopsis is included in the Workshop Summary.

Tim Evangelatos of CHS received a distinguished service medal at the International Hydrographic Organization (IHO) Conference held in Monaco in May. The medal was presented by Prince Rainier on behalf of the IHO.

ACTION: Secretariat to send a letter of congratulations on behalf of the ACZISC to Tim Evangelatos.

ENVIRONMENT CANADA: An Atlantic Coastal Action Program (ACAP) Conference will be held at Acadia University in July. The goal of the Conference is to coordinate activities amongst the ACAP sites and to establish guidelines for GIS. Participants will also include representatives from the Gulf of Maine Marine Environment Program, DFO and the Great Lakes Program.

The Coastal Zone '93 Symposium is scheduled for July 1993 in New Orleans. The Program Committee publishes supplementary volumes to the proceedings as part of a *Coastline of the World* series. *Coastlines of Canada* will be produced in 1993; Larry will be editing this volume and writing the foreword. The deadline for submission of abstracts was extended to 15 August. A pamphlet on Coastal Zone '93 was distributed (copy attached).

5. ***ANNOUNCEMENTS AND PUBLICATIONS***

COASTAL ZONE NEWSLETTER: A draft copy of the proposed ACZISC *Coastal Zone Info* was circulated for review and comments. Publication of the newsletter is dependent on obtaining funding support for Secretariat activities; it is recommended that the newsletter be published two times a year initially. It was also recommended that the ACZISC goals could be furthered by submitting articles about ACZISC activities to related newsletters.

ACTION: Members to review draft Coastal Zone Info newsletter and submit suggested additions, revisions, etc. to Secretariat by June 5, 1992.

ACTION: Secretariat to write articles re ACZISC for submission to the Federal Geomatics Bulletin of the Inter-Agency Committee on Geomatics and the NBGIC Journal.

6. ***PRESENTATIONS***

NS LAND USE COMMITTEE: Andy Montgomery, Director of the NS Land Use Committee, briefed the ACZISC on the NS interdepartmental Land Use Committee (LUC) and its Issue Groups. The LUC, in existence since 1976, is composed of Deputy Ministers from 11 departments including Policy Board. Participation in the Committee is voluntary. The Working Group of the LUC is composed of senior directors. The LUC has several technical Issue Groups including the Coastal Zone Issue Group. The Land Information Advisory Committee, a sub-committee of the Land Use Committee, is responsible for standards and GIS; it also provides input into the NS component of the LRIS programs.

ACTION: Secretariat to obtain copies of the LUC Infrastructure and Annual Report from Andy Montgomery for distribution.

ICOIN - PRIVATE SECTOR COLLABORATION: Steve Murray of the DMR Group Inc. made a presentation to the ACZISC on Private Sector Collaboration in the Development of ICOIN (Inland Waters, Coastal and Ocean Information Network). A copy of his overheads is attached.

The DMR Group Inc. is an information systems consulting firm with offices in Moncton, Saint John, Fredericton, Halifax and St. John's.

IMPLEMENTATION OF RECOMMENDATIONS OF COMMISSION ON LAND USE IN PEI:

Kingsley Lewis, Land Resources Coordinator from the Executive Council Office of PEI, made a presentation on coastal zone management in PEI. With the passing of the new Planning Act in 1988, the Government committed itself to developing policies for the coastal zone. The Government began by enforcing a moratorium on development in a 500 metre strip along the coast, an area which represents 50% of development activity on the Island. In order to sell the requirement for integrated coastal zone management to our political leaders, Mr. Lewis stressed that:

- the importance of the coastal zone must be clearly documented
- what is currently being done wrong, i.e. the lack of management, must be explained
- the benefits of management must be clearly stated.

He also stressed that the successful achievement of integrated coastal zone management will require a clearly defined process and the establishment of priorities.

ACTION: Secretariat to obtain copies of PEI Coastal Zone documentation from Kingsley Lewis for distribution.

7. ***WORKPLAN, PUBLICATIONS, CONTRACTS, ETC.***

SECRETARIAT: It was recommended by the members that funding be sought from the ACZISC jurisdictions to support the activities of the Secretariat. It was also recommended that matching funds be sought from appropriate agencies.

ACTION: Secretariat to draft Terms of Reference for Secretariat, and a revised Workplan and associated budget for distribution to members.

Committee members to secure \$2000 from their jurisdiction to support Secretariat activities.

Jim Ramsay, Lincoln MacLeod, Paul Bellemare and Larry Hildebrand to consider options re matching funds for Secretariat and the Committee's affiliation.

BLUE PLAN: The long-term requirements for a visionary plan re coastal zone management in Canada (Blue Plan) were discussed. This Blue Plan should deal with all aspects of coastal zone management, including socio-economics benefits, required legislation, etc. In anticipation of the Blue Plan and as a major part of the ACZISC mandate, it was recommended that a study be carried out on behalf of the ACZISC in

cooperation with other interested parties to develop an information technology architecture for coastal zone information management in Atlantic Canada. It was also recommended that this study build on the Coastal Information Network (CIN) study recently completed by the CIN consortium.

ACTION: ACZISC Working Group consisting of Secretariat, Paul Bellemare, Larry Hildebrand, Lincoln MacLeod, Jim Ramsay and a representative of the DMR Group Inc. to discuss requirements for an Atlantic Coastal Zone Information Architecture.

8. ***OTHER BUSINESS***

CANADA/PROVINCIAL LAND USE COMMITTEES: Andy Montgomery, Director of the NS Land Use Committee, briefed the members on the Federal/Provincial Committee on Land Use which has the primary function of information exchange. The Committee has representatives from the provinces, the territories and Environment Canada. At the last meeting of this Committee held at the Liscomb Lodge, Nova Scotia in September 1991, coastal zone management was identified as a major issue of concern to the Committee. Joe Arbour, Environment Canada, Dartmouth (tel 902-426-5035) is the Committee's Secretary.

ACTION: Secretariat to obtain documentation re the Federal/Provincial Land Use Committee from Andy Montgomery for distribution.

9. ***NEXT MEETING AND ADJOURNMENT***

ACZISC Meeting #4 was scheduled for Tuesday, September 15, 1992 in St. John's, Newfoundland. Exact location to be identified at a later date.

ACZISC Meeting #3 was adjourned at 17:00 hrs.