

MINUTES OF ACZISC MEETING #32

Atlantic Coastal Zone Information Steering Committee

Date: Thursday, 11 January 2001, 0830 - 1630 hrs.

Location: TRINITY JOSIC, CFB at Stadacona
Halifax, Nova Scotia

PRESENT: * *indicates ACZISC member or Executive Committee member*

Name	Affiliation	Tel. No.
Tim Anderson*	Fisheries and Oceans Canada, Oceans Act Integrated Section, Nfld Region	709-772-2852
Cdr George Borgal*	National Defence, TRINITY, JOSIC	902-427-0550
Paul Boudreau	Fisheries and Oceans Canada	902-426-7464
Lloyd Brown	Fisheries and Oceans Canada, Canadian Coast Guard (for Nancy McNeil*)	902-426-2292
Michael Butler*, Chair	Council of Maritime Premiers and Oceans Institute of Canada	902-494-1977
Andy Cameron*	Government of Nova Scotia, Agriculture and Fisheries	902-424-0406
Réjean Castonguay*	Government of New Brunswick, Service New Brunswick	506-453-3917
Norval Collins*	Private sector - Champlain Institute	902-425-4802
Brad Fay*	Government of Nova Scotia, Service Nova Scotia and Municipal Relations	902-424-4966
Gary Frail	Royal Canadian Mounted Police	902-458-2237
Krista Fraser	Nova Scotia Geomatics Centre	902-667-6283
Michel Goguen	Public Works and Government Services Canada, Spatial Technology Resources (for William Blight*)	506-851-6784
Leslie Grattan*	Government of Newfoundland and Labrador, Environmental Planning and Management Projects	709-729-3782
Susan Hachey	NS Sustainable Communities Initiative	902-424-2558
Larry Hildebrand*	Environment Canada, Sustainable Communities and Ecosystems Division	902-426-2131
Claudette LeBlanc	ACZISC Secretariat	902-494-3879
Geoff Lewis*	Industry Canada, Manufacturing Industries Branch	902-426-9475
Evelyne Meltzer	Fisheries and Oceans Canada	902-426-3816
Craig Millar	Fisheries and Oceans Canada	613-998-3306
Capt Alex Raiche-Marsden	National Defence	902-427-0550
Jim Ramsay*	Government of Prince Edward Island, Provincial Treasury	902-368-4075

Name	Affiliation	Tel. No.
Gary Rockwell	Fisheries and Oceans Canada, Canadian Hydrographic Service (for Dick MacDougall*)	902-426-2432
Neil Ross	Atlantic Provinces Council on the Sciences*	902-426-8402
Brent Rowley*	Private sector - Champlain Institute	902-420-1435
Faith Scattolon*	Fisheries and Oceans Canada, Oceans Act Coordination Office, Maritimes Region	902-426-2065
Andy Sherin*	Natural Resources Canada, Geological Survey of Canada – Atlantic	902-426-7582
Art Skaling	NB Emergency Measures Organization	506-453-5507
Herbert Sooley	Health Canada	902-426-5575
Jim Stanley	NS Technology and Science Secretariat	902-424-0377
Cameron Wilson	GeoConnections Secretariat	613-996-6377

1. **WELCOME AND INTRODUCTION OF PARTICIPANTS**

Mike Butler, ACZISC Chair, called Meeting #32 to order at 08:30 hrs. He thanked Cdr George Borgal and his staff for making the meeting arrangements and providing the meeting room and Geoff Lewis and Industry Canada for the lunch.

Commander George Borgal welcomed participants to the Joint Ocean Surveillance and Information Centre (JOSIC), TRINITY. He briefly described the facility and introduced Capt. Alex Raiche-Marsden, adding that Alex would be available to assist participants with logistical requirements. He also introduced Lt. Cdr. Bob Thwaites and Petty Officer Fred Pickett.

A roundtable introduction of all participants followed.

2. **ADOPTION OF AGENDA, AND REVIEW AND APPROVAL OF MINUTES FOR MEETING #31**

The provisional Agenda for Meeting #32 was reviewed. Larry Hildebrand proposed additions, time permitting:

- Discussions on the ACZISC Outcomes paper
- Discussions on the upcoming 10-year anniversary of the ACZISC in 2002.

The agenda was approved (copy attached).

The draft minutes of ACZISC Meeting #31 were reviewed. The following revisions were made:

Page 9 **GEOCONNECTIONS:** *2nd paragraph* “He demonstrated the ACZISC application under development at CeoNet located at <http://ceodex.ccrs.nrcan.gc.ca/prototypes/> which is designed to increase the exposure of the ACZISC Directory.” **should read** “He demonstrated the ACZISC application under development at CeoNet located at <http://ceodev.ccrs.nrcan.gc.ca/prototypes/> which is designed to increase the exposure of the ACZISC Directory.”

Page 16 **NATIONAL DEFENCE:** *2nd item* “RADARSAT is showing impressive potential for surveillance and classification.” **should read** “RADAR satellite technology is showing impressive potential for surveillance and classification.”

The minutes were approved with the above revisions. The revised minutes will be posted on the ACZISC website at <http://www.dal.ca/aczisc/docs>

3. **STATUS OF ACTION ITEMS**

Action Items from Meeting #31 were reviewed. All Action Items were carried out or are in progress.

4. **NEXT MEETING**

ACZISC Meeting #33 is provisionally scheduled for Thursday, 10 May 2001 in Charlottetown, Prince Edward Island.

5. **ACZISC WORKPLAN**

ACZISC EXECUTIVE COMMITTEE: Mike Butler reported that the members of the Executive Committee are Brad Fay (Provincial representative); Brent Rowley (Private Sector representative); Faith Scattolon (Federal representative); and Mike Butler (ACZISC Secretariat representative). Brad Fay is the chair of the Executive Committee.

An ACZISC Executive Committee meeting was held on 4 January 2001 at the Bedford Institute of Oceanography; Brad Fay, Faith Scattolon, Mike Butler and Claudette LeBlanc were in attendance. Brad reported on the Executive Committee meeting:

- First Nation representation on ACZISC: The Executive Committee recommends that the Secretariat further communicate with Ken Paul, and with Chris Milley, Atlantic Policy Congress of First Nations Chiefs, re the identification of a replacement for Ken who has resigned as the First Nation representative on the ACZISC and the Executive Committee.
- ACZISC Funding:
 - » Mike Butler and Faith Scattolon briefed the NS Federal Council on 30 October 2000 at a meeting held at the Prince George Hotel in Halifax.
 - » The Executive Committee recommends that an ACZISC briefing be scheduled mid-January for Leo Walsh, the Secretary to the Council of Maritime Premiers, by Mike Butler and Brad Fay. This would be followed at a later date by detailed discussions between Mr. Walsh and the Executive Committee regarding a requested renewal of CMP funding for a three-year period beginning 1 April 2001.
- ACZISC Budget 2000-2001: The current situation was reviewed and outstanding contributions identified. The Executive Committee recommends that Faith arrange for signatures on the current Letter of Agreement between the Federal Departments and the ACZISC.
- New Projects: The Executive Committee recommends that the ACZISC Secretariat pursue involvement in the following:
 - » The preparation of a background document for GSC Atlantic re climate change impacts and adaptation inventory for Canada's coasts.
 - » Discussions re an economic study for PEI with regard to coastal and ocean resources.
- International Oceans Institute of Canada: Mike briefed the Executive Committee on recent developments in the merger of the Oceans Institute of Canada (OIC) and the International Ocean Institute (IOI) into the International Oceans Institute of Canada (IOIC). Evelyne Meltzer, a member of the interim IOIC Board of Directors, has been delegated to initiate negotiations with the ACZISC Executive Committee with regard to the relationship between the ACZISC and the IOIC.
- ACZISC Strategy Meeting: The Executive Committee recommends that the Strategy Meeting be postponed until after the ACZISC financial situation has been confirmed for the next fiscal year.
- ACZISC 10th Anniversary Celebrations: The Executive Committee recommends that the ACZISC members be asked for suggestions for celebrating the 10th anniversary of the ACZISC in January 2002.

Larry Hildebrand enquired as to the status of the ACZISC / Federal Council Agreement. Faith Scattolon replied that progress re the Federal Council Agreement was slow; consequently she will be discussing with federal members extending the Letter of Agreement between the federal members and the ACZISC on an interim basis.

Members discussed and concurred with the recommendations of the ACZISC Executive Committee.

ACTION 32.1: ACZISC Secretariat to organize a Strategy Meeting to review the ACZISC Terms of Reference, Mandate and Goals after the financial situation has been confirmed for 2001-2002

ACTION 32.2: ACZISC members and other participants to contact the Secretariat prior to next meeting with suggestions to celebrate the 10th anniversary of the ACZISC in 2002

Other ensuing Action Items will be reported in the relevant sections of the minutes.

ACZISC SECRETARIAT: Mike Butler reported that the ACZISC Secretariat would continue to be based at the Oceans Institute of Canada / International Oceans Institute of Canada at 1226 LeMarchant Street, Halifax pending discussions between the IOIC and the ACZISC.

The Letters Patent incorporating the International Oceans Institute of Canada (IOIC) were granted by the Minister of Industry in December. An interim IOIC Board of Directors has been established; it is chaired by David Hennigar and co-chaired by Elisabeth Mann Borgese. The Interim Board, at a meeting on 4 January, appointed Rob Race as the full-time IOIC President and Madeleine Coffen-Smout as the Vice-President.

ACZISC MEMBERSHIP: Mike Butler reported the following:

First Nations: Ken Paul has resigned as the First Nations representative on the ACZISC and Executive Committee. Ken has indicated that his resignation was due to changes in his personal priorities and to concerns that his involvement in the ACZISC might put him in a position where he might compromise (real or perceived) DFO, his employer, or the First Nations in the region. Ken also indicated that his involvement in the ACZISC had been a positive experience.

A letter has been sent to Ken thanking him for his contribution to the ACZISC. Both Ken and Chris Milley, Atlantic Policy Congress of First Nations Chiefs, will be contacted re the identification of a replacement for Ken.

ACTION 32.3: ACZISC Secretariat to communicate ASAP with Ken Paul and Chris Milley re the identification of a replacement for Ken as the representative of the First Nations on the ACZISC and Executive Committee

Government of New Brunswick: Barry Jones will be leaving his position with the Department of the Environment and Local Government, Government of New Brunswick, before the end of the fiscal year. Discussions have been initiated re his replacement on the ACZISC.

ACTION 32.4: ACZISC Secretariat to communicate with Réjean Castonguay and Barry Jones regarding a replacement for Barry on the ACZISC

Mike reported that the Secretariat would be continuing its efforts to communicate with departments or agencies identified as being potential ACZISC members but currently not represented on the ACZISC. These include Health Canada and Agriculture and Agri-Food Canada. Herb Sooley stated that Health Canada was interested in ACZISC activities and that its involvement in the NS Sustainable Communities Initiative (SCI) relates to the ACZISC mandate. However, due to reduced staffing, it is difficult for the Department to become more involved in the ACZISC. Faith Scattolon added that the intent for today's scheduled SCI presentation was in part to address the Federal Council's limited awareness of the ACZISC and that the SCI can be used to consolidate federal support for the ACZISC. Larry Hildebrand concurred with this approach.

An up-to-date list of ACZISC members and Executive Committee members is attached.

BUDGET / FUNDING / WORKPLAN: Mike Butler distributed copies of the ACZISC Budget (1999-2000 to 2001-2002) and a Summary of ACZISC Membership Dues/Revenues (1999-2001). Copies are attached. The statements were reviewed, including the outstanding contributions. Faith Scattolon stated that she would be discussing federal contributions and the Letter of Agreement between the ACZISC and the federal departments with the federal members on the ACZISC.

ACTION 32.5: Faith Scattolon to arrange for signatures on the Letter of Agreement between the ACZISC and the Federal Departments re ACZISC funding ASAP

Mike Butler reported that, as actioned at the last ACZISC meeting, in-kind contributions from the OIC re infrastructure costs had been documented in the Budget. Andy Sherin enquired if it would be useful to also indicate in-kind contributions by ACZISC members. Members discussed this and arrived at the consensus that it would not be practical to do so.

ACTION 32.6: ACZISC members to review and provide comments to the Secretariat by 31 January 2001 on the 2000/2001 Budget and Sources of Revenue and the proposed 2001/2002 Budget

Mike stated that meetings would be scheduled mid-January between the ACZISC Executive Committee and the Council of Maritime Premiers regarding a request to renew CMP funding for the ACZISC for a 3-year period beginning 1 April 2001. CMP support for the ACZISC has been critical to the ongoing operation of the ACZISC Secretariat since the formation of the Committee in 1992. Positive input from the CMP's Maritime Geomatics Committee (MGC) will be essential to the renewal of the CMP funding agreement.

Andy Cameron enquired who the members of the MGC were. Jim Ramsay reported that the members were Mike O'Brien, Deputy Minister, PEI Provincial Treasury; Brian Stonehouse, Deputy Minister, Service NS and Municipal Relations; Bob Gamble, President, Service NB; and Leo Walsh, Secretary to the CMP. The advisors to the provincial representatives are Jim Ramsay, Nancy Vanstone and Mary Ogilvie, respectively. Jim added that the member from the province where a meeting is taking place chairs the MGC meetings.

Mike commented that committed funding support from Nfld and Labrador would be very helpful in renewing the ACZISC agreement with the CMP. Leslie Grattan stated that a request for ACZISC funding had been submitted to the Government of Nfld and Labrador and that this would be considered on 15 January. Initial reactions are favourable. Mike added that ACZISC meetings would also be scheduled in St. John's in the future if the funding request is

approved. Options to reduce the cost of travel, such as air charters, would be reviewed by the Secretariat.

ACTION 32.7: ACZISC Secretariat and Executive Committee to organize meetings with the Council of Maritime Premiers ASAP re funding for the ACZISC for a three-year period beginning in 2001/2002

Mike Butler reported that, as in the past, the Secretariat would pursue revenue-generating projects to supplement the funding provided by the Provinces and the federal departments.

The ACZISC 1999-2000 Annual Report will be presented to the CMP at the upcoming meeting. Members wanting a copy of the report should request a copy from the Secretariat.

ACTION 32.8: ACZISC members wanting a copy of the ACZISC 1999/2000 Annual Report to contact the Secretariat

The Secretariat will prepare a draft ACZISC Workplan for 2001-2002 by the end of January for review and comment by the Executive Committee. It will then be submitted to the Committee for review and approval.

ACTION 32.9: ACZISC Secretariat to prepare a draft ACZISC 2001/2002 Workplan by 31 January 2001 for review by the Executive Committee

ACTION 32.10: ACZISC Secretariat to submit the draft ACZISC Workplan to members for review and approval by 15 February 2001

Mike distributed copies of the 2nd draft of the ACZISC Outcomes paper prepared by the Secretariat; this was actioned at ACZISC meeting #31 (7 September 2000, Fredericton). The paper was presented at the Coastal Zone Canada 2000 Conference held in Saint John, NB last September. Members were requested to make further comments on the document. A Task Group established at meeting #31 will subsequently review these comments; the Task Group consists of Joe Arbour, George Borgal, Andy Cameron, Larry Hildebrand, John Legault, Mike Butler and Claudette LeBlanc. Mike added that the paper could be instrumental in obtaining ongoing funding for the ACZISC.

ACTION 32.11: ACZISC members to review the draft Outcomes document circulated at Meeting #32 and provide comments to the Secretariat by 31 January 2001

ACTION 32.12: ACZISC Secretariat and Outcomes Task Group to review members' comments on the draft Outcomes document by 7 February 2001 and to revise it accordingly

COMMUNICATIONS: The ACZISC Communications Working Group is chaired by Mike Butler. He and Claudette LeBlanc reported the following:

ACZISC Website: In addition to the regular maintenance of the website, the following changes and additions have been made:

- **Membership:** A statement was added suggesting that community groups, NGOs and individuals contact the ACZISC Secretariat or members directly to bring issues to the attention of the Committee.

- Links: major update of the URLs
- Documents: major update of and additions to the URLs; a new section on Bibliographies added
- Maps Online: major update of and additions to the URLs and reorganization
- Inventory of Atlantic Coastal Mapping Projects: major update, in particular to the “Resource Inventories in Newfoundland” component of the Inventory. This was done with the assistance of Tony Bowdring and Joan O'Brien, Oceans Programs Division, DFO Nfld.
- Resources for Students and Teachers: a new section with links to ICM-related resources of interest to students and teachers; it is located at <http://www.dal.ca/aczisc/schools>. This section was added last October following a Workshop for Oceans 11 teachers held at BIO, where the need for such a resource was identified. Claudette requested that participants notify her of additional resources which could be included in this section or other sections of the website.

ACTION 32.13: Participants to contact the Secretariat with information re potential additional links for the “Resources for Students and Teachers” section of the ACZISC website

A search function will be implemented on the ACZISC website prior to the next meeting to make it easier for users to locate information.

Discussion:

Larry Hildebrand enquired if other measures could be taken to reach out to community groups. Mike responded that the Secretariat and members could actively solicit input at conferences and other events and make presentations on ACZISC activities when appropriate.

Paul Boudreau enquired if the resources identified in the new “Resources for Students and Teachers” were Atlantic Canadian.

Claudette replied the resources were a mixture of regional, national and international items.

Paul reported that Courtney Coles, Circuit Rider with the Gulf of Maine Aquarium, is leading a survey for the Gulf of Maine Information Exchange (GoMINFOEX) on resources for students and teachers. He will make her aware of the ACZISC listing.

ACZISC Update: The ACZISC monthly Updates continue to be distributed by email mid-month; the distribution list for the Updates contains approximately 1,200 names. Positive feedback is received from the Update readership.

Atlantic Coastal Zone Info: The 2-page information bulletin contains a summary of information on ACZISC activities. It is updated and customized for relevant workshops and conferences. Issues were prepared for Coastal Zone Canada 2000 (September, Saint John); Geomatics Atlantic (September, Halifax); the Workshop for Oceans 11 Teachers (October, BIO); the GoMINFOEX Workshop (November, Saint John); and the Workshop on the High Resolution Coastal Mapping Project (December, Lawrencetown, NS).

ACZISC Briefing Meetings: Briefings were given to the following: Federal Council (October, Halifax); Mark Costello, Director, Huntsman Marine Science Centre (November, St. Andrews); and staff of the Nova Scotia Sustainable Communities Initiative (December, Halifax).

ACZISC Business Card: Mike distributed copies of the ACZISC business card to members and requested that they be handed out at appropriate events.

Larry Hildebrand stressed the importance of members regularly providing the Secretariat with relevant items for inclusion in the ACZISC Update and website.

DATABASE DIRECTORY: The ACZISC Database Directory Working Group is chaired by Claudette LeBlanc; she reported the following:

- Efforts will be made over the coming year to revise the out-of-date Directory entries and to identify and document new entries. This will require the cooperation of members. She added that past experience in updating the Directory indicates that the jurisdictions that employ summer students or assign personnel to carry out this task within their agencies achieve better results. She will be in touch with members re this activity.
- As actioned at the last meeting, the metadata revision date is being added in the Table of Contents to help users assess the 'timeliness and relevance' of each of the entries.

Paul Boudreau stated that DFO Maritimes had completed a survey of its database holdings and that steps should be taken to link this initiative with the ACZISC Directory. Shelley Bond is the contact person. He added that a Workshop on Data Access and Management was scheduled for 16 January at BIO and that everyone was invited to participate.

ACTION 32.14: Claudette LeBlanc to contact Shelley Bond re the possibility of linking the DFO Maritimes database survey with the ACZISC Database Directory

Cameron Wilson, GeoConnections Secretariat, reported the following:

- As per Action Item 31.10 from the last ACZISC meeting, the ACZISC Secretariat did submit a 'letter of intent' to GeoConnections re a proposal to develop a distributed system for metadata in Atlantic Canada. This was a recommendation of the participants at the Metadata Workshop held in Amherst in August 2000.
- The GeoConnections Secretariat has followed up on this by entering into negotiations with Nancy Vanstone, Service NS and Municipal Relations, and the NS Geomatics Centre for a resource person to assist government departments in Atlantic region in setting up their own metadata directories and making their databases available online. A 6-month contract is being negotiated with the NSGC; this may be extended to 1 year. He introduced Krista Fraser who has been identified as the resource person from the NSGC.
- The schedule of databases to be made available online will be determined by GeoConnections. The ACZISC will be consulted re its priorities; Claudette LeBlanc is the contact person.
- An ACZISC portal is being developed within CeoNet to provide access to the subset of the CeoNet metadata holdings which would be of interest to the ACZISC.

Discussion:

Norval Collins suggested that criteria such as the value of the database for ICM could be used to set priorities.

Claudette LeBlanc added that she would involve the ACZISC Database Directory Working Group in this process and all ACZISC members interested in participating.

Andy Sherin enquired if the procedures used by CeoNet for distributed searching could be documented and made available to the GSCA.

Brad Fay stressed that this was a 'region-wide' GeoConnections initiative.

COASTAL MAPPING: Mike Butler reported on behalf of Eric Theriault, co-chair of the ACZISC Coastal Mapping Working Group. Eric was unable to attend today's meeting because of other commitments.

- The coordination of a number of coastal high-resolution data collection projects in the region to reduce the cost of acquiring imagery by pooling resources has been a joint effort of the ACZISC and the Champlain Institute. Copies of a summary document outlining the project were distributed (copy attached).
- The NS Map Fund provided \$50K for groundtruthing.
- A Project Debriefing Session was held on 14 December at the Centre of Geographic Sciences (CoGS) in Lawrencetown to review progress to date and to consider possible future activities. The event was attended by 51 participants. A copy of the overheads prepared for the session was circulated for review.

Brent Rowley, Champlain Institute, added the following:

- The huge amount of data collected for the high-resolution coastal mapping projects will add to the region's growing pool of data which can be used for ICM.
- CoGS has begun to process the data collected. Tests will be performed on the data, including CASI's capability for water penetration.
- Marine lidar data was not collected due to budget constraints. The possible collection of marine lidar during the 2001 flying season will be pursued with DND, PWGSC and others.
- The cost comparisons obtained for the project will be very valuable for planning future data collection.
- An estimated \$100-200K was saved because of the collaboration on data acquisition.

Discussion:

Cameron Wilson stated that GeoConnections and CoGS were in negotiations regarding making the data accessible and searchable on the web.

George Borgal stated that DND was interested in collaborative opportunities re data collection projects. Cameron added that John Dawson, the DND Ottawa contact for GeoConnections, could be another DND contact.

Andy Sherin reported that the GSCA is very interested in evaluating CASI's capability for nearshore bathymetry.

The requirement to publicize the remote sensing project was discussed by the participants.

Leslie Grattan stated that it was important to market the capabilities and experience gained.

Claudette LeBlanc reported that it had been referenced in the ACZISC website and Updates.

Andy Sherin stated that papers on the project would be presented at the CoastGIS conference scheduled for 18-20 June 2001 in Halifax.

Paul Boudreau suggested that an article on the project and the ACZISC could be written for the Gulf of Maine Times newspaper. He 'volunteered' to contact Andi Rierden, the editor.

Geoff Lewis suggested that an article could be written for the Sea Technology magazine.

Andy Sherin added that another briefing session should be organized after the results of the data analysis are available.

ACTION 32.15: Paul Boudreau to contact Andi Rierden, the editor of the Gulf of Maine Times, re the possibility of including an article on the High-resolution Coastal Mapping Project, and the ACZISC, in an upcoming issue of the newspaper

ACTION 32.16: ACZISC Secretariat to contact the editors of Sea Technology re the possibility of including an article in an upcoming issue of the magazine

The requirement for a report or overview paper on the remote sensing project was discussed. Mike Butler stated that opportunities for funding the preparation of such a document would be pursued by the Secretariat with the assistance of members.

ACTION 32.17: ACZISC Secretariat, with the assistance of members, to seek funding for the preparation of a paper on the collaborative High Resolution Coastal Mapping Projects

DATA EXCHANGE AND STANDARDS: The Data Exchange and Standards Working Group is co-chaired by Réjean Castonguay, Service New Brunswick and Andy Sherin, Geological Survey of Canada - Atlantic. Andy and Réjean reported the following:

- Two Administrative Boundaries workshops have been held recently: one last October in St. John's, Nfld in conjunction with GI 2000, and one last September in Ottawa organized by the Framework Data Node of GeoConnections.

- A study is being carried out on behalf of Geomatics Canada to develop a business case to upgrade the National Geographic Information Base. Five workshops will be held across Canada (Vancouver, Calgary, Toronto, Montréal and Halifax) to obtain input into the business case. The Halifax workshop is scheduled for 30 January 2001. Suggestions for participants are being sought.

ACTION 32.18: *ACZISC members wishing to participate in one of the five workshops being held across Canada entitled “Business Case to Upgrade the National Geographic Information Base” to contact Andy Sherin <sherin@agc.bio.ns.ca>*

- An Offshore Issues Consultation Workshop is scheduled for 8 March 2001 in Halifax; it will be hosted by the Association of Canada Lands Surveyors. Workshop topics include the UN Convention on the Law of the Sea, jurisdictional issues, boundaries and rights. Members wishing to participate should make arrangements with Réjean Castonguay.

ACTION 32.19: *ACZISC members wishing to participate in the Offshore Issues Consultation Workshop to contact Réjean Castonguay <rejean.castonguay@gnb.ca>*

6. **PRESENTATION: NS SUSTAINABLE COMMUNITIES INITIATIVE**

Andy Cameron commented that he had been reporting on the NS Sustainable Communities Initiative at ACZISC meetings since October 1999. One of the main goals of the SCI approach is to change the ‘silo culture’ of government bureaucracies to facilitate decision-making and to improve communication. Andy introduced Jim Stanley and Evelyne Meltzer, co-chairs of the NS SCI Steering Committee, and Susan Hachey, Communication Officer, SCI.

Jim and Evelyne made a presentation on SCI; copies of their overheads are attached. They described SCI as an innovative plan for governments to work in a new, more integrated way with each other, and with communities, to address sustainability issues. The purpose is to coordinate and improve citizen-centred programs and service-delivery across all levels of government; to forge new partnerships; and to collaborate with local citizens in their efforts to build strong, sustainable communities. The initial partner community areas are Annapolis-Fundy and the Bras d’Or Lakes. Additional information is available on the NS SCI website at <http://www.nsaccess.ns.ca/sci>

Discussion:

Neil Ross enquired if organizations such as the Aquaculture Association were involved in the NS SCI.

Evelyne Meltzer responded that the initial focus was on the four levels of government: federal, provincial, municipal and First Nations. Regional Development Authorities are also becoming involved as a ‘5th order of government’. This can serve as a model for collaboration with other sectors.

Réjean Castonguay enquired if there was a link between the NS SCI and the Smart Communities initiative.

Jim Stanley replied that ‘bridges’ were being built.

7. **PRESENTATION: TRINITY JOSIC**

Commander George Borgal made a presentation on TRINITY’s Joint Ocean Surveillance and Information Centre (JOSIC). He reviewed JOSIC’s ‘Concept of Operations’ to discharge its mandate to provide situational awareness to the fleet, commands and staffs in support of

effective operational decision-making. He reviewed the types of operational information and products produced by JOSIC and stated that 80% of JOSIC'S data was unclassified.

Discussion:

Larry Hildebrand enquired as to the meaning of TRINITY.

George Borgal responded that it was the grouping of JOSIC on the East coast, its counterpart on the West coast - ATHENA, and the Ottawa Centre.

Cameron Wilson remarked that DND's clearinghouse network topology was similar to CEONet and enquired if there was a possibility that the two systems could import/export unclassified metadata or data.

George Borgal responded that it would be worth pursuing as they had similar architectures.

Craig Millar enquired how JOSIC related to research organizations and which models were used for analysing raw data.

George Borgal responded that DND utilized the services of research organizations on a regular basis; in addition linkages are made through committees and networks.

George stated that DND did not have models per se. Data structures are created to resolve problems; however, it is accepted that these structures or forms will change. Technological models exist to bridge gaps of functionality.

For additional information on JOSIC and its data management activities, contact Captain Alex Raiche-Marsden at tel 902-427-0550 ext 5753 or email <mail995i@dnd.ca>.

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

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR: Leslie Grattan reported the following:

- Placentia Bay CZM Project:
 - » All PB information and/or databases held by the provincial government and those by DFO NF Region have been identified and reviewed at a workshop held in October 2000. Copies of the proceedings of the workshop are available from Leslie <lesliegrattan@mail.gov.nf.ca>
 - » An information package is being prepared for communities.
 - » Contacts with groups and individuals in the region will be given priority.
- Coastal Zone Canada Association and CZC 2006:
 - » A core group is working toward establishing a full chapter of the Association in the Province.
 - » A website for the NF chapter of the Association is being developed by Keith Mercer, Marine Institute.
 - » A seminar series has been initiated by Jon Lien.
 - » Planning for the CZC 2006 conference has begun, headed by Grant Gardiner, Memorial University.

FISHERIES AND OCEANS CANADA: Tim Anderson, DFO NF, reported the following:

- The publication entitled *Marine Areas with Special Protection, Newfoundland and Labrador* is a DFO Manuscript Report documenting approximately 175 sites of special protection. Copies are available from Tim <andersont@dfo-mpo.gc.ca>.
- Two areas of interest in the Marine Protected Area program have been announced: Eastport, and Gilbert Bay, southern Labrador; copies of the News Releases are attached. These are based on proposals from local groups. An AOI designation initiates consultation/research activities to fill information gaps in order to determine if a site should be designated an MPA.
- The Oceans Program Activity Tracking (OPAT) system is a dynamic internet tool that provides geographic information and facts on activities taking place under DFO's Oceans Programs. It provides information on the Oceans Act and activities, including Integrated Management, MPAs and MEQ, maps, objectives, partners, achievements, contacts, etc. OPAT is available at <http://www.dfo-mpo.gc.ca/canoceans/>

- DFO, provincial officials and ACOA are planning to develop a proposal for an economic study of coastal resources.

Paul Boudreau, DFO Maritimes Region, reported the following on behalf of Faith Scattolon:

- An Oil and Gas Commissioner will be appointed by the CNSOPB in February to look at exploration and drilling off Cape Breton. It is expected that the Commissioner will be holding scoping meetings this spring and public hearings starting at the end of the summer. DFO will be holding a workshop to assemble data for input to the Commissioner; the timing of the workshop will be announced at a later date.
- DFO has completed multibeam coverage of the Gully. This was carried out last summer with the Hudson and an oil and gas industry vessel.
- The Southern Gulf Sensitive Areas Study is funded by the Environmental Studies Research Fund and managed by the CNSOPB. DFO and EC are represented on the Steering Committee. A report is to be submitted in February.
- A Southern Gulf Network Workshop is scheduled for 19-20 January to discuss research priorities and to pursue collaborative research initiatives. It will be chaired by Jim Jones, RDG, Gulf Region. The Network includes universities, government, and the fishing and aquaculture industries.
- A meeting is being planned to discuss the development and acquisition of materials for resource kits for the Oceans 11 program. Partners include government, NGOs and industry. Tim Hall is the coordinator <halltj@mar.dfo-mpo.gc.ca>.
- The nine members of the Minister's Advisory Council on Oceans (MACO) were announced by Minister Dhaliwal at CZC 2000 last September. The Atlantic members are:
 - » Maureen Yeadon, the Offshore Fisheries Representative for the Sable Offshore Energy Fisheries Compensation Program and the Chairperson for the Advisory Board for the Atlantic Canada Petroleum Institute. She is a former member of the FRCC.
 - » Jon Lien, a professor at Memorial University, who pioneered the development of practical techniques to free whales from fishing gear; and
 - » Elisabeth Mann Borgese, the Founder and Honorary Chair of the International Ocean Institute. She also helped to establish the World Oceans Commission.
 - » The full membership is available at <http://www.oceanscanada.com/MACO/index.htm>
- DFO, CCG, DND and Transport Canada have initiated a collaborative project to develop a GIS-based and internet-accessible database for shipping and vessel traffic. The project will take place over the next 6 months. For further information, contact Glen Herbert <herbertg@mar.dfo-mpo.gc.ca>.

Paul Boudreau added the following on his behalf:

- Marine Invertebrate Diversity Initiative (MIDI):
 - » A MIDI Workshop was held at BIO on 9 January. Workshop topics included: species status sheets; habitat mapping and classification; a framework for regional biodiversity collaboration; and making MIDI friendly to non-scientists.
 - » MIDI and other organizations, including the Atlantic Canada Conservation Data Centre (AC CDC), the Atlantic Reference Centre (ARF) and the Centre for Marine Biodiversity, have agreed to work together on a species list and taxonomy and biodiversity issues.
 - » For additional information on MIDI, access <http://www.fundyforum.com/MIDI/>
- Gulf of Maine Information Exchange (GoMINFOEX):
 - » The 'Out of the Fog II' GoMINFOEX Workshop was held last November in Saint John, NB. It was attended by 51 people.
 - » The core GoMINFOEX projects are an E-Atlas, the People Finder and a Virtual Library. The People Finder uses the system established for the GoM Council; it includes government personnel, community groups and the RARGOM membership.
 - » Additional information is available at <http://www.gulfofmaine.org/gominfoex/>.

Gary Rockwell, Canadian Hydrographic Service, reported the following:

- The status of CHS remains basically unchanged since the previous ACZISC meeting. Resource levels continue to be an issue.
- Data processing is well under way for the year 2000 field projects carried out by the CCGS Matthew, in Newfoundland and Labrador (Placentia Bay, Notre Dame Bay and southern Labrador Coast). CHS is also working on the backlog of information required for chart updates.
- SEAMAP:
 - » The SEAMAP initiative was delayed by last fall's federal election. The delay has provided an opportunity to develop an implementation plan.
 - » Progress is being made in building awareness in Ottawa and across the country.
 - » The program is being assessed relative to the government's agenda and its programs and priorities.
 - » A study on economic benefits is near completion.
 - » Les Burke and Dick MacDougall are currently in Vancouver meeting with DFO and industry representatives regarding SEAMAP.
 - » There was a SEAMAP exhibit and Poster Session at CZC 2000.
 - » There will be a SEAMAP presentation at the Canada/USA Scientific Discussions at Woods Hole near the end of January and a SEAMAP paper will be presented at the Kongsberg-Simrad Forum for EM Mutual Experience in Victoria in early March.
 - » Kate Jarrett is the new Director of the SEAMAP Office.

Lloyd Brown, Canadian Coast Guard, reported the following:

- The Search and Rescue Marine Analysis (SARMAP) project is continuing. The CCG is using the risk model to assist with planning the acquisition and deployment of SAR resources, e.g., lifeboats.
- A system to document SAR incidents has been established – the Statistical Information System for Search and Rescue Program.
- The Regional Operations Centre (ROC) is responsible for managing and prioritizing the day-to-day deployment and tracking of resources. It also provides marine information for dissemination and departmental use upon request.
- Bill C-35, *An Act respecting shipping and navigation*, received first reading in the House of Commons in June 2000. Comments have been provided by the Canadian Marine Advisory Council (CMAC).
- The next Canada-US CANUSLANT exercise is scheduled for September 2002.

Craig Millar, Oceans Policy Advisor with the Oceans Directorate, DFO, reported the following:

- A call for proposals to establish a National Research Network on Ocean Management, funded jointly by DFO and SSHRC, was issued last fall. The deadline for submission of proposals was 15 December 2000.
- The proposals are currently being evaluated.

Mike Butler added that a proposal had been submitted by Saint Mary's University, the Gorsebrook Institute based at Saint Mary's University, and the Oceans Institute of Canada on the proposed Secretariat for the National Research Network.

GEOCONNECTIONS: Cameron Wilson reported the following:

- The seven program areas of GeoConnections are:
 - » National Access: building a common access window. Cameron chairs this node.
 - » National Framework: developing geographic frameworks to enable applications and value-added
 - » GeoPartners: Secretariat to support national partnerships
 - » GeoInnovations: industrial technology development through partnerships
 - » National Atlas: national entry point for perspectives on data themes and issues
 - » Sustainable Communities: community-driven and focused pilot applications

- » Skills Network: development of knowledge workers
- Twenty proposals have been received in response to RFPs. The list of funded projects will be made available after the contracts are awarded.
- Details on current funding opportunities are available in the 'Opportunities' section of the GeoConnections website at <http://geoconnections.org>
- GeoGratis provides access to datasets free of charge for research and educational purposes via the CGDI, the Canadian Geospatial Data Infrastructure. It is available at <http://geogratis.cgdi.gc.ca/>
- Efforts are being made to show the importance of mapping to senior bureaucrats. For example, maps of the results of last fall's federal election were produced and distributed immediately following the election.

NATURAL RESOURCES CANADA: Andy Sherin reported the following:

- A bulletin entitled *The Impact of Climate Change on Rivers and River Processes in Canada* (Bulletin 555) is now available. For information on obtaining a copy, access http://www.nrcan.gc.ca/gsc/gicd/pubs/circular/2001_01/reports_e.htm
- Summary documents on NRCan's Sustainable Communities were circulated (copies attached). The purpose of the program is to build the capacity of Canada's communities to obtain, generate and use information to improve their ability to plan and make decisions. Jean-Claude Henein is the contact person <henein@NRCan.gc.ca>.
- The GSCA has received funding from CCAF to conduct a workshop in collaboration with the Canadian Climate Impacts and Adaptation Research Network (C-CIARN) to evaluate the state of coastal climate impacts and adaptation in Canada. The workshop will be held on 5-6 March at BIO. A contract for the production of an inventory of research initiatives for use at the workshop has been given to the ACZISC Secretariat.
- The GSCA has merged the three Gully datasets: deep water Ocean Alert data, the GSCA feeder canyon data and the new shallow water data collected last summer. Gordon Fader is working on a shallow water surficial geology map and David Mosher on a deep-water geology map. A habitat map will also be produced.
- GSCA and six partners from the oil and gas and fishing industry have collected multibeam bathymetry on the Scotian Slope and conducted 30 days of geophysical and geological surveys. Clearwater is continuing to collect data in the Northeast Channel.
- The federal/provincial initiative reviewing offshore mining is entering a public review stage to be conducted on the internet.
- The PCB contamination investigation in Saglek Bay, Labrador being conducted by the Royal Military College in collaboration with GSCA will be holding stakeholder meetings starting in February to discuss the next steps.
- John Shaw reports that the Atlantic region climate change poster will be published shortly.
- The CCAF project in Conception Bay South is underway. Coastal erosion estimates from air photography is nearing completion and the coastal classification has been completed.
- An oblique aerial video for the Gulf of St. Lawrence coast of NS was re-flown last fall in collaboration with the Pictou Harbour Environmental Protection Project. The new video will be part of GSCA's deliverables for its Canadian Rural Partnership Project.
- The National Geological Surveys Committee under the auspices of the Canadian Geological Knowledge Network is conducting a survey of the status of metadata in 24 geoscience agencies in Canada. The survey will be used to determine priorities and funding allotments for metadata development.

ATLANTIC PROVINCES COUNCIL ON THE SCIENCES: Neil Ross reported the following:

- The issue of APICS representation on the ACZISC is being discussed. Another group, the Earth Sciences Committee, may have closer links with the aims of ACZISC than the APICS Aquaculture Committee. Aquaculture committee members would still like to attend as guests if another APICS Committee is chosen to represent APICS on ACZISC.
- A Network of Centres of Excellence (NCE) grant was awarded to a Memorial University-led Aquaculture proposal - AquaNet <http://www.aquanet.mun.ca/home.html>. This network will receive \$14.4 million over four years distributed amongst several research institutions

across Canada, including several Atlantic Universities and research institutes. Dr. William R. Driedzic, a MUN professor and Director of the Oceans Science Centre, will act as the network scientific leader. This group will address three themes related to aquaculture, including: Animal Production, Environmental Integrity and Socio-Economic Aspects.

- A proposal is currently being developed to obtain funds from the Atlantic Innovation Fund to bolster aquaculture research in the Atlantic Provinces. This proposal, entitled Aquaculture PLUS, was initiated by the Association of Atlantic Universities. Meetings are being held to coordinate a comprehensive and cohesive proposal to be submitted for funding (through ACOA). Areas of research being discussed are Animal Production Issues, Environmental Integrity and socio-Economic Aspects of Aquaculture. The aim of the Aquaculture PLUS proposal is to increase the research infrastructure in the region in aquaculture technologies and in investigating the environmental impacts of aquaculture, in order to provide diverse expertise to the industry. The next meeting will be held at the NSAC in Truro, NS on 26 January 2001. Contact Jim Goit for information on the meeting <JGoit@nsac.ns.ca>.

GOVERNMENT OF PRINCE EDWARD ISLAND: Jim Ramsay reported the following:

- The Province is participating in the High Resolution Coastal Mapping Project and in the development of a proposal to carry out an economic study of coastal and ocean resources of the Island.
- The long-standing PEI Land Use Coordinating Committee was reactivated last week to act as a sounding board for policy. It will also address coastal and land related issues.
- The PEI 911 Civic Addressing of the 65,000 addresses on the Island has been completed. An electronic roadmap has been produced on CD in collaboration with USL, primarily for use by EMO personnel. The CD is searchable and allows for panning; the cost of the CD is \$25. An instruction manual is included. The system will be made available free-of-charge on the web.
- The PEI 911 Civic Addressing Project received a Distinction 2000 Award, which formally recognizes leadership, innovation and excellence in the management and use of information and information technologies within the public sector. The project has earned PEI the distinction of being the only province or state in North America to have total geo-referenced addressing within a jurisdiction.

Brad Fay added that NS was following a similar course as PEI re its civic addressing project.

INDUSTRY CANADA: Geoff Lewis reported the following:

- A National Research Council event called "Community Consultation for a Global Presence in Ocean Technology" is scheduled for 22-23 January in St. John's, NF. The website for this initiative is http://www.nrc.ca/atlantic/english/en_7-3.html
- "Oceanology International Americas 2001" is scheduled for 3-5 April 2001 in Miami, Florida. The website is <http://www.oiamericas.com>. Presentations will be made by six Canadians.

ENVIRONMENT CANADA: Larry Hildebrand reported the following:

- Approximately \$1.3 million in project support is being made available from EC's Sustainable Communities and Ecosystems Division to Atlantic Coastal Action Program (ACAP) sites and regional ecosystem initiatives (Bay of Fundy, Southern Gulf of St. Lawrence, Labrador) for the 2001-02 fiscal year. Projects will address knowledge generation, capacity building and science. Other EC community-oriented funding programs, such as Eco-Action (supports environmental action), Community Animation Program (builds capacity for environmental- and health-related issues), pollution prevention and habitat programs, are also available to support these local activities. Opportunities exist for other organizations to partner with these local organizations in the delivery of joint priorities.
- Western and traditional knowledge are being combined in Labrador through the 'Asqhui' project. Asqhui are areas of 'first open water' throughout Labrador that are of great significance ecologically, culturally and socially for the Innu people. Environment Canada, researchers from Saint Mary's University and others are working with Innu communities in a

co-researcher capacity to better understand the ecosystems of this northern landscape and strengthen working relationships. An Asqhui workshop will be held at Saint Mary's on January 25 to report on research and partnership progress to date and to outline workplans for the coming year.

- Hundreds of thousands of seabirds have been dying every year off the coast of Atlantic Canada due to illegally discharged oily waste - largely bilge oil, mixed with engine-room solvents, etc. - from ships transiting our offshore. It is only in the past few years that several federal departments and agencies - EC, DFO-Coast Guard, DND, Customs, RCMP and others - have been collaborating in a joint initiative known as BOAS - 'Birds-Oiled-at-Sea' - to identify, track, inspect and prosecute offenders that attempt to avoid the cost and environmental responsibility of managing their on-board waste. Although several successful prosecutions have been completed and the shipping community is now much more aware and concerned about this issue, the problem continues.

PUBLIC WORKS AND GOVERNMENT SERVICES: Michel Goguen reported the following:

- The Department has been approached by Dr. Larry Mayer, currently with the University of New Hampshire, re participating in a project to study the capabilities of various sensors for data acquisition. PWGSC personnel plan to travel to NH in February to discuss the project. The results would be made available one year after the researchers present their results.
- The Northwest Miramichi has been surveyed with the sweep system, coupled with the ISAH-S (Integrated System for Automated Hydrography) and the bottom characteristics have been determined using the electronic return of the sounders. This project was carried out for the Science Branch of DFO.
- The Department is in the process of storing its hydrographic data in a comprehensive database.

GOVERNMENT OF NOVA SCOTIA: Brad Fay reported the following:

- In October 2000, he completed a 16-month secondment with the GeoConnections Secretariat, Natural Resources Canada, Ottawa. He returned to the position of Director, Policy and Standards, Registry and Information Management Services Division with the new department "Service NS and Municipal Relations", the integrated former "Housing and Municipal Affairs" and "Business and Consumer Affairs".
- From his continued involvement with committees of the GeoConnections Secretariat ("Policy" and "Ground Transportation"), he noted that two timely studies are about to be completed:
 - » Canadian Geospatial Data Policy Study (distribution and pricing of geomatics data)
 - » A Road Network Data Model.Draft reports are being released and final reports are expected by 31 March.
- The Province of NS has tendered several large contracts:
 - » Civic Addressing, complete with georeferencing, mapping and a road network file for the entire Province. Completion is anticipated to be in 3 years time.
 - » A study to recommend a strategy to update and maintain the NS Topographic Data Base (NSTDB).
 - » Recommendations on the GeoNOVA initiative. A strategy is being sought which will provide a revised vision for the concept, recommend a 2-3 year workplan, determine if the group should be expanded to be more inclusive (e.g., include municipalities and others), etc.
- The Coastal mapping series at 1:50,000 resolution (including merged land and marine databases) is to be completed this year.

Participants expressed interest in obtaining copies of the Canadian Geospatial Data Policy Study after it is published. Brad stated that it would be made available on the GeoConnections website.

Andy Cameron reported the following:

- There are a number of proposals for UNESCO designation of sites in NS, either as biosphere reserves or as heritage sites. The areas are Kejimikujik Park, Joggins and the upper Bay of Fundy. BOFEP is involved in the latter.
- DFO has initiated an integrated management project for the Eastern Scotian Shelf (ESSIM). The provincial response is being coordinated by the Department of Intergovernmental Affairs.
- National Programme of Action/Global Programme of Action:
 - » 2001 marks the 5th anniversary of the signing of the GPA.
 - » Canada is the first nation to have a NPA.
 - » Canada is now preparing a five-year report for submission to the UN. This will be a 'good news' report highlighting progress.
 - » Canada will host a UN session to discuss progress to date. The intergovernmental Global Programme of Action Workshop will take place in Montréal from 19-23 November 2001.
- A proposal for an aquaculture siting project in Guysborough County is being discussed by the community, DFO and the NS Department of Agriculture and Fisheries.

Gary Rockwell and Paul Boudreau enquired re the status of the NS aquaculture siting information. Andy responded that it was available in digital format; Richard Hinton is the contact person – tel 902- 424-2162.

GOVERNMENT OF NEW BRUNSWICK: Art Skaling, Director, NB Emergency Measures Organization addressed the ACZISC to seek advice and information relative to coastal erosion. He stated the following:

- The storm surges of January and October 2000 caused significant damage to properties in the coastal regions of the Gulf of St. Lawrence and Northumberland Strait.
- There are several homes at Red Head near Saint John which are at imminent risk from coastal erosion. The only short-term solution seems to be to relocate the homes or at least the families. A longer-term solution to property damage from coastal erosion may be for the government to make available to property owners or prospective owners information on the risk of erosion, triggers of erosion, and possible counter measures. For further information with regard to the Red Head situation, contact Art Skaling at <art.skaling@gnb.ca>.
- A compendium of such information requires identifying and compiling existing information in various formats and further research to fill in the gaps. An example of existing information is available on the GSC website at http://agc.bio.ns.ca/COASTWEB/main_e.html.
- UNB, the Maritimes Weather Office and EPC have expressed interest in becoming involved in research projects. Funding may be available from ACOA/AIP Fund. Other possibilities for funding are CMHC and banking and real estate associations.
- Tsunamis are also the cause of serious erosion; these could also have an impact on Atlantic Canada in the future.

Art enquired if there were agencies which monitor tsunamis for pre-incident warning. Andy Sherin stated that the GSCA was in the early stages of developing a coastal erosion hazards index for PEI in collaboration with the Maritimes Weather Centre. Craig Millar suggested that Art contact IPOST in BC re the Neptune project. NEPTUNE will be an undersea network to monitor the seafloor, specifically the Juan de Fuca plate, and the ocean above it. One of its uses will be to give earthquake warnings.

ROYAL CANADIAN MOUNTED POLICE: Gary Frail reported on the Coastal and Airport Watch Program; copies of a booklet were distributed. He stated the following:

- The Program fights the illegal importation of drugs, people and contraband.
- The Program is delivered in partnership with the military and the CCG.
- A database is being developed of the 66 airports in the country and other sites of concern.
- Aircraft are often used for smuggling.
- The region is a gateway for smugglers to the rest of Canada and the US.

UPDATES ON ACZISC RELATED PROGRAMS

BAY OF FUNDY ECOSYSTEM PARTNERSHIP: Mike Butler reported that a meeting of the BoFEP Executive Committee was scheduled for 23 January at CWS in Sackville, NB. Graham Daborn is the chair. BoFEP currently has 16 Working Groups addressing issues such as ICZM, Ecotourism, and Coastal Development. Further Information on BoFEP is available at <http://www.auracom.com/~bofep/>

COASTGIS: Andy Sherin reported that CoastGIS 2001 will be held from 17-20 June 2001 in Halifax, NS. The theme is "Managing the Interfaces". The keynote speaker will be Professor Adalberto Vallega, first Vice-president of the International Geographical Union, University of Genoa, Italy who will speak on Coastal management as a key component of ocean governance. Ninety paper abstracts have been received by the Organizing Committee. The deadline for submitting posters is 15 May. For information, access <http://www.coastgis.org>

COASTAL ECONOMIC STUDIES: Paul Boudreau reported that DFO had participated in the NB economic study *The Economic Value of Marine-Related Resources in New Brunswick* (2000) and in the NS study *Estimating the Economic Value of Coastal and Ocean Resources: The Case of Nova Scotia* (1998). Discussions have been initiated with the Province of PEI and other federal agencies to carry out a similar study for the Island. A meeting of the planning group is scheduled for 25 January. Mike Butler added that both the NB and NS studies were available from the Document section of the ACZISC website at <http://www.dal.ca/aczisc/docs>

COASTAL ZONE CANADA ASSOCIATION AND CONFERENCES: Larry Hildebrand reported the following:

- The Coastal Zone Canada Association (CZCA) completed its 4th successful Coastal Zone Canada conference in September 2000 in Saint John, NB. CZC 2000 addressed the themes of aboriginal practices, community-based approaches, coastal health and oceans governance. Over 600 people from 50 coastal nations participated in the Conference.
- The foundation for the Conference and discussions was a background paper prepared by the CZCA, called *Baseline 2000*, which is an assessment of Integrated Coastal Management (ICM) internationally.
- The Association is currently preparing a follow-on document from the Conference called *Beyond 2000* which will present a path forward and an agenda against which progress can be measured. Both documents will be available in the coming months on the CZCA website at <http://www.dal.ca/aczisc/czca-azcc>.
- The Association is also planning its next event - CZC 2002 - which will be held in a Great Lakes location (likely Toronto) in June 2002. Subsequent CZCs will be held in the Arctic (2004), St. John's, NF (2006) and Vancouver, BC (2008).
- Several ACZISC members were elected to the Executive of the CZCA in September.

Craig Millar reported that the keynote presentations made at CZC 2000 were available on the Oceans Canada website at <http://www.oceanscanada.com/discussion/htmldocs/cz2000.htm>

Mike Butler added that the ACZISC Secretariat was responsible for organizing and delivering two workshops at CZC 2000: Information Management in Support of ICM, and Data and Infrastructure. It also provided rapporteur support.

FUNDY FORUM: Claudette LeBlanc reported the following:

- The Fundy Forum Advisory Team has been established. Eleven members have been confirmed. The first meeting of the A-Team will be held via conference call on 22 January.
- Prior to the A-Team meeting, the current Fundy Forum partners will be meeting to discuss the nature of the partnership, the Advisory Team and the future role of the Forum.

- From 4-15 December, the Fundy Forum hosted its 7th Timed Discussion on “Integrating Marine Compliance and Enforcement in the Bay of Fundy”. Discussions were led by the Fundy Forum and the “Integrated Maritime Enforcement Project” (primarily Douglas Day). Full details and maps are still available online on the Fundy Forum website. The topic and schedule for the next Timed Discussion will be selected during the A-Team conference call.

GULF OF MAINE COUNCIL ON THE MARINE ENVIRONMENT / GLOBAL PROGRAMME OF ACTION COALITION FOR THE GULF OF MAINE: Andy Cameron reported the following:

- The next 5 year GoMC Action Plan (2001-2006) is being prepared; major issues to be addressed in the Action Plan are Habitat, Contaminants, and Sustainability.
- Federal GoMC partners are circulating, for signature, a ‘declaration of support’ similar to the “Year of the Gulf” recommitment issued by the States and Provinces last year.
- GoMC and GPAC are entering into an agreement on the relationship between the two organizations.

MARINE GEOSPATIAL DATA INFRASTRUCTURE: Mike Butler reported that a paper entitled *MGDI: An Information Infrastructure to Support Integrated Coastal Management in Canada* was being prepared for publication in the 1st edition of *GeoCoast - the Online International Journal of Geotechnologies for Integrated Coastal Zone*.

SOUTHERN GULF OF ST. LAWRENCE COALITION ON SUSTAINABILITY: Larry Hildebrand reported the following:

- The SGSLCS has been working since its founding meeting in November 1999 to build its capacity as an ecosystem-wide, multi-stakeholder, community-based organization, and to identify the priorities it will address toward its goal of a sustainable future for this ecosystem.
- Several ACZISC members were central in the lead-up to and founding of the Coalition and are currently playing a key role in its management and committee structure.
- The Coalition now communicates with and exchanges views with its growing membership via regular E-news updates, a website (will be running by late January 2001) and regular meetings.
- Priorities for the coming year will be identified during the first AGM of the Coalition scheduled for 6-7 April 2001 in Bouctouche, NB.

9. ***ANNOUNCEMENTS AND PUBLICATIONS***

- “Global Change and Its Impact on the North Atlantic Borderlands” is a symposium being held in conjunction with the AGM of the Geological Association of Canada/ Mineralogical Association of Canada in St. John’s, NF from 27-31 May. For information, access <http://www.geosurv.gov.nf.ca/stjohns2001/>
- The GPA 2001 Intergovernmental Review Meeting is scheduled for 19-23 November 2001 in Montréal, QC. Approximately 400 participants from member countries of GPA are expected to participate.
- Aquaculture Canada '01 is scheduled for 6 to 9 May 2001 in Halifax, NS. The theme of the meeting is *Moving Forward Through Partnerships*. For information, access <http://gov.ns.ca/nsaf/aac2001/>

10. ***OTHER BUSINESS***

No new business was discussed.

11. ***ADJOURNMENT***

ACZISC Meeting #32 adjourned at 16:30 hrs.