

DRAFT MINUTES
March 6-8, 2002
Hudson Bay Oceans Working Group¹ Meeting
Siniktarvik Hotel, Rankin Inlet, NU

PARTICIPANTS:

Brian Aglukark	Nunavut Planning Commission (NPC), Arviat, NU
Flora Beardy	York Factory First Nation (YF), York Landing, MB
Alain Chouinard	Department of Sustainable Development, Arviat, NU
Helen Fast	Fisheries and Oceans (DFO), Winnipeg, MB
Miriam Fleming	Environmental Committee of the Municipality of Sanikiluaq, Sanikiluaq, NU
Alan Johnson	Transportation Nunavut (TN), Gjoa Haven, NU
Brock Junkin	Department of Sustainable Development (DSD), Rankin Inlet, NU
Ed Kehoe	Public Works and Government Services, Rankin Inlet, NU
Warren Kusugak	Rankin Inlet High School, Rankin Inlet, NU
Carole Loiselle	Parks Canada (PC), Churchill, MB
Ken Manson	Kivalliq Chamber of Commerce, Rankin Inlet, NU
Jeffrey Maurice	Fisheries and Oceans (DFO), Iqaluit, NU
Hugh Nateela	Kivalliq Inuit Association (KIA), Rankin Inlet, NU
Steve Newton	Fisheries and Oceans (DFO), Winnipeg, MB
Glen Stephens	Indian and Northern Affairs (DIAND), Iqaluit, NU
Terence Stover	Town of Churchill (TOC), Churchill, MB
Veronica Tattuinee	Kivalliq Inuit Association (KIA), Rankin Inlet
Jean-Pierre Thonney	Fisheries and Oceans (DFO), Iqaluit, NU
Peter Timonin	Transport Canada (TC), Winnipeg, MB
Eric Ukpatiku	Kivalliq Inuit Association (KIA), Rankin Inlet, NU
Soloman Voisey	Whale Cove Elder, Whale Cove, NU

GUEST:

David Malcolm	Canadian Circumpolar Institute (CCI), Edmonton, AB
---------------	--

INTERPRETER:

Mary-Rose Angoshadlaak	Interpreter, Rankin Inlet, NU
------------------------	-------------------------------

REGRETS:

Sid Bruinsma	Environment Canada (EC), Iqaluit, NU
--------------	--------------------------------------

¹ Contact Information: Steve Newton, DFO, Winnipeg, ph. (204) 984-5561, fax (204) 984-2403, email newtons@dfo-mpo.gc.ca

Luke Coady

NU

Bert Dean

Francis Flett

Manitoba Keewa
MB

Lawrence Ignace

Joe Kaludjak

Kivalliq Wildlife Board (KWB), Rankin Inlet, NU
Nunavut Wildlife Management Board (NWMB), Iqaluit,
NU

Fisheries and Oceans (DFO), Rankin Inlet, NU

Nunavut Water Board, Gjoa Haven, NU

Dave Wotton

ACRONYMS

BSIMPI	Beaufort Sea Integrated Management Planning Initiative	MPA	Marine Protected Area (DFO)
CCG	Canadian Coast Guard, DFO	NDC	Nunavut Development Corporation
CSSP	Canadian Shellfish Sanitation Program	NIRB	Nunavut Impact Review Board
CCIARN	Climate Change Initiatives and Alternatives Research Network	NMC	Nunavut Marine Council
CG&T	Community Government and Transportation	NMCA	National Marine Conservation Area (PC)
CFIA	Canadian Food Inspection Agency	NPA	National Programme of Action for the protection of the marine environment from land-based activities
CHS	Canadian Hydrographic Services, DFO	NPC	Nunavut Planning Commission
CMAC	Canadian Marine Advisory Council	NRCAN	Natural Resources Canada
COS	Canada's Oceans Strategy	NRI	Nunavut Research Institute
CWS	Canadian Wildlife Service	NMC	Nunavut Marine Council
CG&T	Community Government and Transportation	NPW&GS	Nunavut Public Works and Government Services
DFO	Department of Fisheries and Oceans	NWA	National Wildlife Area
DIAND	Department of Indian Affairs and Northern Development	NWB	Nunavut Water Board
DSD	Department of Sustainable Development	NWMB	Nunavut Wildlife Management Board
EC	Environment Canada	NWT	Northwest Territories
EMAN	Ecological Monitoring and Assessment Network	NTI	Nunavut Tunngavik Inc.
GPA	Global Programme of Action for the protection of the marine environment from land-based activities	PC	Parks Canada
GN	Government of Nunavut	SEC	Sanikiluaq Environmental Committee
HC	Health Canada	SSHRC	Social Sciences and Humanities Research Council
IM	Integrated Management	TAIGA	Taiga Net is owned and operated by the Arctic Borderlands Ecological Knowledge Society, a non-profit organization registered in the Yukon Territory
KIA	Kivalliq Inuit Association	TC	Transport Canada
KWB	Kivalliq Wildlife Board	TK	Traditional Knowledge
MB	Manitoba	WG	Working Group
MEQ	Marine Environmental Quality	YF FN	York Factory First Nation
MKO	Manitoba Keewatinowi Okimakanak		

MARCH 6, 2002

Community Meeting
Climate Change and Impacts on Wildlife and Marine Transportation

1. Welcome – Brock Junkin, Co-Chair Hudson Bay Oceans Working Group
2. Video: Inuit Observations on Climate Change (15 min)²
3. Climate Change Panel: Peter Timonin – Facilitator
 - Miriam Fleming – “Traditional Knowledge and Climate Change in Hudson Bay”
Inuit and Cree Elders and hunters of Hudson and James Bays and their interconnecting waters have observed significant changes in the climate. A study conducted from 1992-1995 entitled “Voices from the Bay” documented climatic changes from the 1940s-1990s, and highlighted the changing nature of weather systems in the early 1990s. Examples of these changes in western Hudson Bay include unpredictable weather conditions, altered fall freezing patterns, warmer but longer winters, the thawing of permafrost and permanent snowfields and less rainfall. Such changes are affecting fish, bird and insect populations and requiring adjustments in traditional harvesting activities.
 - Alan Johnson – “Climate Change and Transportation in Hudson Bay”
Transportation and shipping in Hudson Bay have been positively affected by recent warming trends. The Bay is freezing later in the fall and thawing sooner in spring allowing expanded shipping seasons. Furthermore, Alan noted that improved ice navigation technology (Radarsat, GPS) and ice mapping will allow more ships to navigate in Hudson Bay. However, with increased shipping in Hudson Bay the risk of oil spills and pollution incidents increases.
 - Flora Beardy – “Elders’ Views of Habitat, Animals and Water in York Factory”
The Swampy Cree of York Factory have observed and documented climate-related changes in northern Manitoba. Elders have noticed that the climate has warmed considerably in the past 20 years. Hunters and trappers have seen new wildlife species in York Factory, such as moose. Water levels in most of the surrounding rivers have dropped, however, Nelson River water levels have remained high due to hydro-electric development. Community elders recognize the importance of protecting the environment for future generations.
4. Community Discussion
 - Hunters and trappers in Rankin Inlet have noticed wildlife (i.e. marten) are moving further north due to warmer weather conditions.

² Due to dramatic climatic changes observed in Sachs Harbour, the International Institute for Sustainable Development and the Hunters and Trappers Committee initiated a year-long project to document Arctic climate change and communicate it to Canadian and international audiences. The project team worked in partnership with specialists from five organizations to develop a method for recording and sharing local observations on climate change. This video briefly describes the process for documenting traditional knowledge and observations of climate change.

- Dr. Ian Stirling, a researcher with the Canadian Wildlife Service has observed low numbers of 1 year-old ringed seals in Hudson Bay. He attributes this to a reduction in ice cover caused by climate change. A hunter from the community observed that as a result of the reduction in ice cover and consequently a drop in seal numbers, polar bears are changing their migration routes to find viable food sources.
- Inuit elders are concerned climate change will cause extreme weather events in Rankin Inlet, such as wind storms and increased precipitation.
- Elders noted that sea ice used to be a lot thicker in the winter. They also noted that river water levels have decreased. Further, Canadian and Snow Goose eggs can now be collected one month earlier.
- It was recommended that the Working Group organize a radio call in show, where residents could ask questions and make comments about climate change in Rankin Inlet.
- There are concerns that if the warming continues the community of Rankin Inlet will have to relocate.
- Community infrastructure in northern communities is suffering as result of variable temperatures, melting permafrost and increased erosion. Buildings and drainage systems will need to be reassessed and fortified.
- Winter fog created by extremely low temperatures used to be a common occurrence in Rankin Inlet. The fog has disappeared as a result of warmer temperatures.
- Species are being found beyond their normal geographic range. For example, a gullimot (bird species) was found in the Sachs Harbour sewage lagoon earlier this year. Moose have been found to be populating more northern climes such as Churchill and York Factory. Furthermore, residents of Rankin Inlet have seen marten in Rankin Inlet, an animal normally restricted to warmer climates.

MARCH 7, 2002

1. Opening Prayer – Brock Junkin
2. Review agenda and introduction of new members - Co-Chair
 - The draft agenda was approved as circulated.
 - Three new participants attended: Ken Manson from the Rankin Inlet Chamber of Commerce; Soloman Voisey, an elder from Whale Cove; and Warren Kusugak, a youth representative from Rankin Inlet.
3. Review minutes of December 12-13/01 meeting
 - Minutes were approved by the Working Group.

4. Members' comments and concerns

Working Group Membership

- Members wish to ensure an elder and youth from northern Manitoba be part of the Working Group.
- Members also wish to include the Dene from northern Manitoba.

Documents/Reports Released

- The Nunavut Transportation Study has been released and will be circulated by Alan Johnson.
- Together with the Departments of Education from Nunavut and NWT (Northwest Territories), DFO has completed a project to develop a Grade 10 arctic marine education curriculum. Purpose of the project is enhance understanding among students of arctic ocean resources using both traditional knowledge and science. This project is now ready for piloting in high schools.
- The Keewatin Land Use plan is currently being printed. It will be circulated by NPC (Brian Aglukark) to the WG when available.
- The Nunavut Land Claims Agreement (NLCA) plain language version will be summarized and circulated by DFO (Steve Newton).

Other Integrated Management Planning Work in the Arctic

- Results of the Baffin Issues Scan being conducted by DFO as part of its IM work, indicate concerns in that region are similar to those in the Kivalliq Region. For example, concerns surrounding sewage disposal and climate change were frequently mentioned during the Baffin community tour.
- The Beaufort Sea Integrated Management Planning Initiative representing DFO, the Inuvialuit, DIAND and industry is focusing on evaluating important beluga habitat for a marine protected area.

Shipping-Related Matters

- There are concerns that cruise ships will have negative socio-economic and environmental impacts on communities.

Action: Peter Timonin has environmental guidelines for cruise ships that he will make available to the group.

- Navigational charting is of great importance in preventing marine environments from oil spills. This information for Hudson Bay is lacking in many instances.
- There is increased vessel traffic in Hudson Bay, increasing the possibility of oil spills and other impacts.

Discussion: NPC has some information, as does CHS (Canadian Hydrographic Services, DFO), NRCAN (Natural Resources Canada) and TC (Transport Canada). The CMAC (Canadian Marine Advisory Council) has also identified the lack of detailed charts as a concern. The role of TN (Transport Nunavut) is to identify the needs and priorities for the CCG (Canadian Coast Guard).

Scientific Research

- The WG should develop a library of TK and climate change resources that could be circulated throughout northern communities.
- DFO has let a contract to Arctic Biological Consultants to conduct an ecosystem overview of Hudson Bay. The report will be completed in spring 2002.
- Dr. David Malcolm will facilitate communication and research with the academic community

Traditional Knowledge and Subsistence Harvesting

- “Voices from the Bay” was distributed to WG members.
- “Voices from Hudson Bay” will be made available at the next meeting.

Action: These should be reviewed for the next meeting.

- Traditional knowledge could be an effective tool in evaluating climate change and its effect on wildlife and sea ice in Hudson Bay.
- An inventory of TK is being undertaken by York Factory FN. In addition to documenting plants and animals in the area, it will also use oral histories to identify important human and cultural characteristics.

Marine Environmental Quality

- The Nunavut General Monitoring Program (NGMP) has been drafted, but not implemented. This Program could have importance for Marine Environmental Quality (MEQ) in Hudson Bay.
- The Baffin Region has an interest in developing mollusk and shellfish industries.
- The National Programme of Action for the Assessment of Land-Based Activities on Marine Areas is meeting the last week of March. Don Cobb (DFO) is unable to attend, but will provide summary of activities.

Marine Protected Areas

- DFO (Helen) attended the March meeting for the proposed Marine Protected Area in the Mackenzie Delta. Government, industry and local parties agreed to move forward with the proposal.
- DFO has let a contract to conduct a literature search and document marine and ecological areas of environmental, social and cultural significance in Hudson Bay.

Economic Development

- There is a strong community interest in developing tourism and small business potential. Owners would like to see simplified regulations and one-stop shopping.
- York Landing First Nation is currently in negotiations with Manitoba Hydro concerning the feasibility and obligations related to dam construction in northern Manitoba.

5. Review Action Items from December 12-13 meeting

The Working Group reviewed the minutes and reviewed the status of action items in the attached table 2: Hudson Bay Workplan.

6. Review WG Vision and Terms of Reference

Management Area, Scope and Terms of Reference

- The Laurentian Region should be included in the IM planning process. As well, interested parties in Ontario should be kept abreast of issues.
- Terms of reference were revised to include the new mission statement:
The purpose of the Hudson Bay Oceans Working Group is “To develop an integrated management plan for Hudson Bay and to promote stewardship by all interested parties. The focus is on the western coastal area, recognizing the linkages to the rest of the Bay.”

7. Review WG Organisation /Structure

- Working Group reviewed organizational frameworks as developed by Brock Junkin. The WG is considering the following options:
 - a) Incorporate with share capital under the Canada Corporations Act
 - b) Incorporate without share capital under the Canada Corporation Act.
- Incorporation could be an effective tool to involve interested parties and generate funding for research. It would also provide the group with a stronger identity in the public and academic arenas.
- A permanent address would have to be established in the event of incorporation. The WG will discuss these options further in September.
- Helen provided information on an organizational model developed by DFO Fisheries Management that could be adapted to Hudson Bay.
The Lake Winnipeg Research Consortium (LWRC) was formed in August 1998 (and incorporated in August 2001). The Consortium is comprised of various groups and interested parties, including government, industry and local residents. The Consortium undertakes activities to: facilitate multi-disciplinary scientific research; encourage the sharing of information among stakeholders; and assist in the coordination of specific research ventures involving universities, governments and private interests.

8. Define Working Committees: Climate Change, Resource Exploitation, Traditional Knowledge, Regulatory Functions, etc....

Working Group members defined the following subcommittees to address workplan priorities: Economic Development; Finance; Communications; Wildlife and Environment; Traditional Knowledge; Transportation; and Jurisprudence. A Research Committee was subsequently created as well.

9. Working Committees Develop Workplan

Members identified the committees they would like to work on, and the rest of the afternoon was spent defining objectives, activities and priorities for each of these groups. See Table 1: Committee Objectives, Activities and Priorities.

Community Meeting

Climate Change and Impacts on Northern Communities

10. Welcome – Brock Junkin

11. Guest Lecture: “Climate Change Impacts and Adaptations in Northern Communities”
Dr. David Malcolm, Director and Research Scientist, Canadian Circumpolar Institute, University of Alberta.

- Climate variability has increased in the Arctic.
- Traditional knowledge is required to understand changes and adapt.
- The treeline and permafrost are moving north at a rate of 5 km/year.
- Global warming has occurred in the past, but never at such an alarming rate, which points to human induced climate effects.
- Climate change will have a negative impact on Hudson Bay coastal communities. Severe weather, coastal erosion and thawing permafrost will compromise infrastructure and damage their long term viability.
- This warming trend will improve navigability of the Northwest Passage.

MARCH 8, 2002

12. Develop Budget

Finance Committee agreed to develop a budget for the coming year.

13. Review of Working Committee Work Plans

Review of the committee workplans resulted in a discussion on the purpose and role of the integrated management plan in which the following questions were raised: What is the functional roles and responsibilities of the key stakeholders? Will there be objectives for renewable and non-renewable policies and programs? What kind of tools can be used to educate the public and interested parties about integrated management planning.

14. Date and location of next WG meeting

- Committees will provide an update of activities at the September meeting in Churchill, Manitoba.
- Guest lecture by a lawyer with expertise on the Nunavut Settlement Agreement will be arranged if possible.
- Guest lecture by aboriginal person regarding environmental issues of the Cree and Dene peoples in northern Manitoba will be arranged if possible.
- The next meeting will be scheduled for the 1st or 2nd week of September 2002 in Churchill, Manitoba.

15. Closing Prayer - Flora Beardy

16. Adjourn: The meeting adjourned at 12:00 noon.

Table 1: Committee Objectives, Activities and Priorities

Name of Committee	Members	Objective	Activities	Priorities
Economic Development Committee	PC (Carole) DSD (Brock) CCI (David) DFO (Helen)	To foster stewardship and sustainable resource development (mining, tourism, hydro-electric development).	<ul style="list-style-type: none"> • Promote training of northerners in the areas of small business and administration. • Review community economic development plans of Churchill, York Landing, Sanikiluaq, Kivalliq. • Identify potential impacts of climate change on economic development. 	<ul style="list-style-type: none"> • Review harvesting opportunities. • Identify value-added economic industries (fish by-products). • Develop a plan to allow local residents to establish new businesses.
Finance Committee	DSD (Brock) DFO (Helen)	To accept and distribute funds related to the functioning of the Working Group. To issue financial statements and assist in the writing of proposals.	<ul style="list-style-type: none"> • Develop a budget for 2002-2003. 	
Communications Committee	KIA (Veronica) DFO (Steve) DIAND (Glen) DFO (Jeff) Rankin (Warren)	To inform and educate interested parties concerning the mandate and activities of the Hudson Bay Working Group	<ul style="list-style-type: none"> • Develop and facilitate media relations in support of the Working Group. • Collect and maintain traditional knowledge and climate change resources. • Prepare a one-page overview pamphlet of the Working Group. • Disseminate the Oceans 10 curriculum. • Develop the NODE website. 	<ul style="list-style-type: none"> • Involve the Manitoba-Nunavut Liaison Officer (Richard Connelly). • Develop an essay contest to engage Manitoba and Kivalliq youth. • Involve David Malcolm in the engagement of the academic community. • Develop the communications strategy.

*Minutes of Hudson Bay Oceans Working Group
March 6-8, 2002*

Name of Committee	Members	Objective	Activities	Priorities
			<ul style="list-style-type: none"> Issue press release related to the March Working Group meeting. 	
Wildlife and Environmental Committee	SEC (Miriam) DIAND (Glen) DFO (Jeff) Whale Cove (Soloman) DSD (Alain) KIA (Eric) NTI (Bert)	To address issues specific concerns within an Integrated Management framework and to address key stakeholder concerns relating to wildlife and the environment.	<ul style="list-style-type: none"> Review and highlight issues and concerns related to wildlife and the environment in the areas of conservation, subsistence harvesting, commercial utilization and food security. Monitor the health and sustainability of wildlife as food sources and a basis of economic development. Identify priorities for Integrated Management planning. 	<ul style="list-style-type: none"> Work together with the Economic Development Committee. Identify and recommend the need for wildlife and environmental monitoring projects in Western Hudson Bay i.e. the Southampton Island caribou herd and health of marine mammals. Examine the role of marine transportation and how it affects wildlife. Research the Southampton Island Caribou herd. Study the health of marine mammals (Ole Nielsen – DFO) Address the feasibility of a study examining seal and polar bear migration routes. Compare Baffin Issues Scan with concerns identified in the Kivalliq Region.
Traditional Knowledge Committee	YF (Flora) NPC (Brian) SEC (Miriam) DSD (Brock)	To broaden the base of our perspective through the use of traditional knowledge.	<ul style="list-style-type: none"> Gather existing traditional knowledge. Establish a protocol for using traditional knowledge. 	<ul style="list-style-type: none"> Address the importance of traditional knowledge to the Working Group. Ensure that science is used to compliment traditional knowledge.
Transportation Committee	CG &T (Alan) TC (Peter) PW &S (Ed)	To ensure the safe carriage of goods and	<ul style="list-style-type: none"> Work to improve Canadian Hydrographic charts. Evaluate oil and pollution spill 	<ul style="list-style-type: none"> Examine the knowledge gaps within the Canadian Hydrographic Service. Priorize areas of importance for

*Minutes of Hudson Bay Oceans Working Group
March 6-8, 2002*

Name of Committee	Members	Objective	Activities	Priorities
	Churchill (Terrance) NPC (Brian)	people in an environmentally friendly manner.	response protocols. • Develop a local co-operative shipping agreement.	charting. • Study how the nature of shipping has changed in Hudson Bay. Larger and deeper vessels are navigating the Bay. • Examine the effect of climate change on shipping patterns. • Evaluate the importance of GPS and improved technology on shipping in Hudson Bay. • Encourage northerners to pursue occupations in the shipping industry.
Research Committee	DFO (Helen) PC (Carole) DIAND (Glen) SEC (Miriam)	To identify and explore research interests and priorities for the Hudson Bay WG.	• Liaise with scientists, academics (CNSC) to move Hudson Bay research forward. • Keep in contact with funding agencies and Finance Committee to keep abreast of new funding initiatives. • Define research priorities.	• Summarize areas of potential research interest • Identify key stakeholders with interest in the IM planning
Jurisprudence Committee	TC (Peter) NPC (Brian) KIA (Eric) NTI (Bert)	To identify and establish regulations that positively impact the environment.	• Simplify regulatory framework between various levels of government. • Improve public knowledge of regulatory requirements.	• Educate communities on regulatory frameworks. • Develop a set of by-laws to be reviewed by the Working Group.

Table 2. Hudson Bay Workplan

Workplan Priorities	WG Tasks	Responsibility	Timeline	Status/ Next Steps
Working Group Membership	Kivalliq NorMan Mayors Forum should be invited to participate	KIA (Veronica)	September	Veronica has contacted Darren, waiting to hear back.
	Coast Guard should be at table	DFO (Jeff)	September	Geoff Morris, Superintendent, Arctic Marine Programs is the contact
	Continue to inform NWMB of what we're doing	NTI (Bert)	September	
	Involve First Nations youth	YF (Flora)	September	Flora has made contact with the Shamattawa and Fox Lake FNs.
Agencies to cooperate on smaller initiatives	Provide copies of the Keewatin Land Use Plan to WG members. It can serve as a model for marine management.	NPC (Brian)	September	
Climate Change	Develop strategy for dealing with climate change	All WG members, academics	Long term	
	Review Climate Change Strategy for Nunavut - contact is Earl Badaloo	DSD (Brock)	September	GN Climate Change Strategy-not yet released
	SSHRC/DFO Integrated Management Research Node (academic) is studying impacts and adaptations to climate change	DFO (Steve)		Steve will post relevant information on website
	DIAND Environmental capacity development initiative	DIAND (Glen)		
Coastal Resource Inventory	Prepare summary report of Hudson Bay coastal inventory work completed by NPC	NPC (Brian)	September	

*Minutes of Hudson Bay Oceans Working Group
March 6-8, 2002*

Workplan Priorities	WG Tasks	Responsibility	Timeline	Status/ Next Steps
	Provide summary of Manitoba Hydro's coastal resource inventory work (Vince Creighton)	DFO (Steve)		
	Provide final report on York Factory TK coastal inventory	YF (Flora)		
Communications	Refine draft communications strategy and plan from Dec 01 meeting (see Attachment A)	Co-chairs – DSD (Brock) and NTI (Bert)	September	
	Update status of poster contest to generate interest in ocean management among community possibly in support of NTI's calendar	KIA (Veronica)	September	
	Maintain a calendar of meetings and other events	KIA (Veronica)	September	
Contaminants	review what is being done by	NPC (cleanup); KIA; ICC; ITK, GN; EC; DFO; industry	ongoing	
	identify some of the known contaminated sites prepare a contaminants' report	DIAND (Glen)	September	DIAND (Glen) has consulted with DFO (Gary Stern)
Develop transportation infrastructure	Review the Nunavut Transportation Report now being released with reference to the WG mandate	NT (Alan)	September	Report will be distributed by Alan.
Economic Development	Identify Kivalliq harvesting opportunities; canvass resource development offices; review community economic development plans (Qilak Kusugak); Keewatin Wildlife Board, NPC, NDC (Nunavut Development Corporation) (John Hicks; Brian Zawedski)	DSD (Brock) SEC (Miriam)	September	

*Minutes of Hudson Bay Oceans Working Group
March 6-8, 2002*

Workplan Priorities	WG Tasks	Responsibility	Timeline	Status/ Next Steps
	Provide update on Sanikiluaq harvesting opportunities - scallops	SEC (Miriam)		
Enhance/ utilize traditional knowledge <i>Traditional knowledge is the underlying theme for all WG work</i>	Review TK resources (Voices from the Bay, etc)	WG	ongoing	
	Send letter to various groups with TK and request summary of holdings and names of contacts for further information	DSD (Brock)		
Hydro Development	Consider the effects of hydroelectric development on the total ecosystem.	DFO (Steve)	September	<ul style="list-style-type: none"> • Speak with Peter Galbraith, Quebec DFO, • See coastal zone activity
Identify and contact stakeholders	Ensure WG members and all other interested parties, are kept informed	DSD (Brock) and NTI (Bert)	September	
	Contact new groups as appropriate	DFO (Steve)	ongoing	<ul style="list-style-type: none"> • Fort Severn would like to be involved • Keep Quebec DFO informed
Inter-jurisdictional experiences	Clarify Manitoba's interests	MB (Dave Wotton)	September	
Marine environmental quality	Nunavut General Monitoring Program	NPC (Brian)	September	
Marine Protected Areas	Develop a strategy for marine protection in Hudson Bay	PC; DFO, CWS; NMC; MB Conservation, GN	ongoing	
	Provide update of Western Arctic MPA	Helen	September	
	Identify potential areas of interest in Hudson Bay	(DFO) Steve	September	

*Minutes of Hudson Bay Oceans Working Group
March 6-8, 2002*

Workplan Priorities	WG Tasks	Responsibility	Timeline	Status/ Next Steps
Organizational Framework	Identify one of the four options a) trust fund; b) corporation w/o share capital; c) society under provincial or territorial legislation; or d) carry on as is.	WG	September	
Regulatory Framework	Simplify Muir review of regulatory review of Hudson Bay	DFO (Helen) SEC (Miriam)	September	
	Invite NPC lawyer to interpret regulatory frameworks and legislation in Nunavut.	NPC (Brian)	September	
	Provide copy of Nunavut Land Claim in plain language to participants	NPC (Brian) and DFO (Steve)	September	
Resource extraction development	Inventory resource extraction activities (exploration is confidential information) from the permitting agencies: KIA, DIAND	KIA (Eric) and DIAND (Glen)	September	
	Produce one map showing areas of interest for marine protection; one map for different company claims	To be determined	ongoing	
	Analyze this information in terms of how close they are to water flow	To be determined		
	Brainstorm ways of bringing scientific and TK on the same track	WG	ongoing	

*Minutes of Hudson Bay Oceans Working Group
March 6-8, 2002*

Workplan Priorities	WG Tasks	Responsibility	Timeline	Status/ Next Steps
Shoreline construction and alteration; inter-tidal and sub-tidal alterations	Review and assemble information to help WG consider this question. <ul style="list-style-type: none"> • Economic and Environmental feasibility study of Bathurst expected by spring will be an example to consider • NPC is gathering photo images of the Keewatin coastline, as far as the Manitoba border which will be available in about a year. 	<ul style="list-style-type: none"> • SEC (Miriam); DFO, CG, EC • NPC (Brian) 	ongoing	
	Review the permitting process for shoreline construction: Invite NIRB to address the permitting process for shoreline construction by making a presentation at next WG meeting	Co-Chairs (DSD – Brock and NTI – Bert)	September	