



DRAFT

NOTES FROM THE 3^RD STUDY BOARD MEETING

Windsor, Ontario – June 5-7, 2007

Present: Gene Stakhiv, Ted Yuzyk, John Gee, Jim Bruce, Allan Chow, Syed Moin, Tony Eberhardt, Kay Felt, Don Burn, Jim Bredin, Jon Bulkley, Mark Colosimo, Paul Pilon.

Missing: Richard Bishop

(Note: Action Items are highlighted Bold and summarized in Attachment 5)

1. Welcome

Performed by Ted Yuzyk & Gene Stakhiv. Agenda provided (Attachment 1)

2. Review/ Approve Agenda

Complete without additions. Review Status of Action Items from Minutes of Meeting #2 – Tony Eberhardt reported on the status and mentioned that the majority of items are complete or their status will be discussed further during the present meeting.

3. Study Announcement and Communications Protocols

Approval of Study Material ; Policy on Releasing Material; Posting on the Web:

- a. Standardize the data set so that all will report it similarly;
- b. Media releases & speaking points – the Board will look at and improve as they are developed;
- c. Fact sheet on “current water level conditions” review – suggestion was made to include the fact sheet on the web site but make note that the information is provided through the Control Board and further information can be received from their web site. Could be modified to include links to graphs that show current and forecasted levels. **Syed Moin to revise.**
- d. Internal scoping documents should not be posted because that could give contactors an edge over one another. Board can decide when this information may become available.
- e. Reports and information will be released once they’ve been approved by the Study Board.

4. Follow up on Public Interest Advisory Group Proposed Membership

- a. Update: proposed membership presented to the IJC on April 18th with final response requested by May 30th. Thirteen letters sent out.
- b. Membership:

i. Jim Bruce, Co-Chair

Possible Canadian Members:

1. Mary Muter, Georgian Bay Assoc.
2. Ken Higgs, Public
3. Dick Hibma, Conservation Ontario
4. Al Wright, Public
5. Louise Harmer, Public – School Teacher
6. Christopher Kresin, Engineering Consultant, Sault Ste. Marie

ii. Kay Felt, Co-Chair.

Possible US Members:

1. Ned Dikmen, Great Lakes Boating Federation
2. John Jackson, Great Lakes United
3. Joe Milauckas, Great Lakes Coalition
4. Gary McDowell, Michigan State Rep., Rudyard, MI
5. Davis Helberg, Duluth City Port Authority
6. Verna Lawrence, Sault Ste. Marie (former mayor)

The PIAG Nominee Matrix developed by Kay Felt and Jim Bruce is attached (Attachment 2).

- c. First Meeting: Deferred until end of July. Study and PIAG Co-chairs will attend the “Caring for Our Beaches” Conference July 12-13, 2007 in Midland, Ontario. First PIAG meeting to be held in Detroit, Michigan on July 31 – August 1 with possible day trip to Port Huron on Lake St. Clair.
- d. A draft of the Study flyer was distributed for review and comments. The flyer is proposed for distribution at the Midland Conference. **Board members will provide comments to Syed Moin for revising and re-issuing the flyer prior to the conference.**

5. Follow Up on Aboriginal Involvement

Contacts made by Ted Yuzyk and Gene Stakhiv. Interests expressed by tribal leaders and U.S. Bureau of Indian Affairs (Sue Chiblow – Environmental Coordinator for Chiefs of Ontario, Paul Hankton – Metis Nation of Ontario, Dwight Sargent & Dan Tadgeon of the Sault Ste.

Marie Tribe of Chippewa Indians). Tribal representatives would like to be members of PIAG and/or of the Traditional Knowledge Group (TKG). Discussion about whether the TKG reported to PIAG or the Board, if such a group was considered necessary by the Tribes. Kay Felt suggested that this decision could be postponed until the Tribal representatives had a chance to consider the options provided through a formal letter of solicitation from the IJC.

6. Peer Review Strategy

- a. Proposal sent to Canadian Council of Academies (CCA) who will contact National Research Council (NRC). Issues raised: compensation, monitoring, reconciling differences of opinions between IJC and reviewers.
- b. Commission would like **Study Board**, in addition to the NRC to **suggest names of experts for the Review Panel**.
- c. Funding issues need to be clarified. How much will be budgeted by each country?
- d. Next steps: **Half – day meeting in Ottawa with CCA staff to present study, address outstanding questions and finalize process (Jon Bulkley and Don Burn are Board reps.), in early July** (although the review will not ramp – up until October).
- e. IJC has to approve strategy and next steps.

7. Communications

- a. Job Description: Modified to include more than four years experience. Kay Felt and Jim Bruce to finalize description by end of week. Bilingual requests could be addressed by IJC staff in Ottawa.
- b. Potential Candidates: Recruiting through web sites and also through universities.
- c. **Staffing Strategy: Need to determine how to advertise and fill the position. Gene Stakhiv will determine how this will happen with assistance from Tony Eberhardt.**

8. Review Study Organization Chart – Working Group Perspective

- a. One first nation and one tribal position are included on PIAG.
- b. Traditional Knowledge Group (TKG) could have a direct connection to the Study Board or PIAG (if Tribes select this option). A footnote will be included in the org chart saying that a decision of their position will be made based on input from tribal, first nations and Métis representatives.
- c. Change will be made to show that Basin Hydrology is more clearly connected to both Task Teams
- d. Mitigation will be connected (as a dotted line) to each task
- e. **Revised Organization Chart** is included as Attachment 3.

9. Generic Terms of Reference for Task Teams & Technical Work Groups

Draft provided by Gene Stakhiv regarding the “guidelines” for Task Teams and TWG.

Comments regarding the Lake Huron Outflow/ St. Clair River Task Team example provided:

- a. More specific description of historic dredging as a possible cause St. Clair River conveyance changes
- b. Oversight of Hydrology TWG
- c. The Task Teams will be led by Co-Chairs and TWGs by Co-Leads.
- d. There will be no fewer than two and no more than four meetings per year.
- e. Meta data paragraph will be included.
- f. List of specific goals and questions will be included as factors that should be addressed (including diversions and consumptive uses).
- g. Limit membership of TWGs to no more than 10. If you are doing particular research, you cannot direct the work of the TWG to eliminate researcher bias. Include some provision for lead replacements if vacancies occur during the Study.
- h. There will be a formal appointment of participants by the Study Board.
- i. TWG leads will have to sign the Terms of Reference agreeing to complete actions listed.
- j. Revisions will be made by Gene Stakhiv and Tony Eberhardt and provided to Ted Yuzyk and Syed Moin before final draft is provided to Study Board.**

10. Study Organization; Task Team and TWG Memberships

- a. **Draft MOU being developed between IJC and Environment Canada for agency participation (Ted Yuzyk developing).** May have to develop similar MOU in the US for various agencies.
- b. Mike Laitta, USGS could be a person to contact regarding US participation for Information Management. School of Information and the University of Michigan could also be involved.
- c. Lake Huron Outflow/ St. Clair River Task Team: Syed Moin & Jim Nicholas, Co-Chairs
 - i. Data Verification & Reconciliation Collection & Monitoring Analysis TWG: Chuck Southam, Environment Canada, Pat McCurry Water Survey of Canada, Ottawa, Nanette Noorbaksh, COE, Detroit District and a USGS person.

- ii. Hydraulic Modeling TWG: Aaron Thompson, EC and Eric Tauriainen, COE, Detroit District.
- iii. Sediment Studies TWG: Peter Ashmore, University of Western Ontario and Steven Wright or Nip Kalapolis, University of Michigan (possible).
- d. Basin Hydrology NBS/NTS Climate Change TWG: Al Pietroniro, Canadian National Hydrology Center, Saskatoon (support from Rob Caldwell, EC, Cornwall) and Debbie Lee, COE, Great Lakes Division
- e. Plan Evaluation TWG: Bill Werick and Wendy Leger, EC (support from Yin Fan)
- f. Lake Superior Regulation Task Team: Tony Eberhardt & David Fay, Co-Chairs
 - i. Water Uses TWG: Alan Chow will identify Canadian candidates and Jim Bredin may be asked to identify State and Municipal individuals.
 - ii. Commercial Navigation TWG: Ralph Moulton, EC and Captain Helmand, Coast Guard, Cleveland (needs to be called) or Mike (Naval Architecture from University of Michigan – Jonathan Bulkley knows)
 - iii. Eco-System TWG: Donna Stewart, EC and Cynthia Sellinger, GLERL (not yet confirmed)
 - iv. Coastal Zone TWG: Mike Shantz, EC and Scott Thieme, COE, Detroit
 - v. Hydro TWG: Bob Metcalfe, retired from OPG, Bill Girling of Manitoba Hydro or Ian Crawford, Province of Ottawa, Cindy Lavean, NYPA, FERC or US Bureau of Reclamation Reps. Team will contact various candidates.
 - vi. Recreational Boating TWG: Stan Taylor, ERCA and a US Sea Grant person (Jon Bulkley may have suggestions).

Goal is to have all TWG leads selected by the end of June 2007.

There will connections between TWGs and PIAG.

Need CVs from each of the selected leads for the web.

Syed Moin will provide a second version of the revised Org chart with names of TWG leads. Study Team will contact suggested leads to determine their availability. Terms of Reference for the various TWG and Task Teams will be developed by the Study Team, submitted to the Board for comment and provided to the TWGs for their use and direction.

11. Board Members' Participation in TWGs

- a. Lake Huron Outflow/ St. Clair River Task Team: 4 rotational members (Alan Chow, Jim Bredin, Jonathan Bulkley, Kay Felt)

- b. Lake Superior Regulation Task Team: 4 rotational members (Don Burn, Jon Gee, Jim Bruce, Richard Bishop)
- c. Jonathan Bulkley: Water Uses and Commercial Navigation
- d. Alan Chow: Hydro and Water Uses
- e. Jon Gee: Plan Evaluation, Rec. Boating
- f. Jim Bruce: Basin Hydrology NBS/NTS Climate Change TWG
- g. Jim Bredin: Ecosystems and Commercial Navigation
- h. Don Burn: Basin Hydrology NBS/NTS Climate Change TWG and Data Analysis
- i. Gene Stakhiv: Hydraulic Modeling and Basin Hydrology
- j. Ted Yuzyk: Sediment Studies and Data Analysis
- k. Kay Felt: Coastal Zone and Eco-Systems
- l. Richard Bishop: to be determined (Ecosystems and Rec. Boating)
- m. PIAG members will similarly liaise with TWG.

Syed Moin will provide a third version of the revised Org chart showing Board liaison to TWGs.

12. Review of Projects – Part 1

- a. Dave Holtschlag Proposal: coordination with work by Matt McPherson, Taha Ouarda and Ousmane Seidou. The other's work may be required at a later time. The proposal is for a 1-D unsteady state model refinement of an HEC-RAS model developed by Detroit District.
- b. Bathymetry: One survey from Lake St. Clair to the delta. Contract monitored by Detroit District.
- c. Compilation of 1954 Data: Review of whole reach ignored in Baird Report.
- d. Isostatic Rebound: Complete system analysis by Frank Quinn and Chuck Southam.
- e. GIS Analysis: This work will tie into work done by Frank Quinn & Chuck Southam to determine relative differences. Will be deferred for 3 months but commitment will be made in FY07. Scope will be refined.
- f. Sediment Studies: Spread over two years. Cost may be revised. Includes sampling per cross section every month.

- g. Will ask some chosen to refine further including a framework. **The Board approved the proceeding with these six proposals. Also included is \$20K for purchasing an ADCP for the St. Marys River. The Study Team will proceed with implementing the approved proposals and facilitate the transfers of funding.**
- h. Proposals that were deferred will be reviewed again at a later time and also with TWG input. **The Net Basin Supply TWG leads (Debbie Lee and Al Petroniro) will arrange a workshop to review the deferred proposals.**

13. Flow Measurement Strategy & Recommendations

Strategy for locating Acoustic Doppler Velocity Meter (ADV): Three key points: St. Marys, St. Clair and Niagara Rivers. Best location on St. Marys River is about 600 feet downstream of the Edison Sault Powerhouse on US shoreline. Best location on St. Clair River is near Bluewater Bridge on US Shoreline. Best Niagara River location is just downstream of the Peace Bridge at Fort Erie, Ontario. Strategy is to get maximum coverage at minimal cost. It is important that these gauges have international status. USGS to develop a case for installing the St. Marys gage and NOAA for the St. Clair gauge. Water Survey of Canada and Detroit and Buffalo Districts work to install Niagara River (1st choice) or Detroit River (2nd choice) gage.

- a. St. Marys Gauge: \$20K to purchase, \$20K to install, \$20K for maintenance per year (3 years)
- b. St. Clair Gauge: \$0K to purchase, \$0K to install, \$0 for maintenance per year (3 years). It may cost \$10K per year for USGS to analyze.
- c. Niagara River Gauge: \$20K to purchase, \$20K to install, \$20K for maintenance per year (3 years)
- d. Total first-year cost: \$130K. Approved by the Board. If cost is more than 15% higher, Board will be apprised for further approval.
- e. As international gauges, USGS will take over gauges, expected to happen in three years. Request for this status will be made of the IJC before the next semi-annual hearing (October 2007).

Teleconference on Monday, June 11th at noon with agencies to review details. Jim Bredin will be on call. \$130 K will be earmarked for gauges.

Syed Moin will add location maps to the strategy paper and re-issue the document to the Board members and for the SharePoint system.

14. Review of Projects – Part 2

- a. Deferred proposals for Lake Superior Regulation – the proposals deal with Lake Superior improvements and refining net basin hydrologic parameters. Timing allows input from TWGs.
- b. Write back to these investigators looking for clearer proposals that specifically address the scope of our work. May have to broaden the search for proposals.
- c. Develop a framework for the proposals. Once refined proposals are received, get opinions from Net Basin Supply TWG leads and others on the best approach. Leads could possibly formulate a workshop to discuss how best to address the issues covered in POS.
- d. Decide on the model that will form the basis of evaluations: refinements to AHPS, residual method, grid-based model proposed by Fortin, OURANOS model (RCM grid-based model).

Actions required to follow-up on deferred proposals and call for additional proposals will be responsibility of Study Team and NBS TWG leads.

15. Final Assessment, Funding and Next Steps

Addressed above.

16. Information Management Progress

Ted Yuzyk displayed the new Study web site.

- a. Links to other IJC sites and related pages will be made.
- b. Presentations will be included in Share Point as an internal working site for Study participants.
- c. Regarding presentations, various levels of permission to access the site could be granted connected to the length of appointment given to PIAG members (1 – year, 2 – year, etc.).
- d. Limited translation (to French) will be requested of the IJC particularly related to technical reports.
- e. Links to documents will be enhanced (related reports, references, maps, etc.).

Study Board approved the initiation of the site after minor updates. Ted Yuzyk, Syed Moin and John Yee will continue to refine the Study web site.

17. Study Financial Management Structure and Budget for FY07

The table below shows the proposed reallocation of POS funding for Year 1.

Study Components	POS	Reallocation
St. Clair River	500	600
Lake Superior Regulation	350	345
Ecosystem	200	75
Recreational Boating and Tourism	50	25
Hydropower	20	0
Commercial Navigation	20	0
Municipal, Industrial and Domestic Water Uses	50	50
Coastal Zone	200	100
Study Management	440	550
Communication	75	100
PIAG	50	50
Information Technology	50	100
Independent Technical Review	0	10
Plan Formulation and Evaluation	100	100
Grand Totals	2105	2105

- a. Funds will have to be included for report publications both for the St. Clair after year 3 and final report after year 5.
- b. Determination will have to be made how funds are allocated for Independent Technical Review, i.e., directly through IJC funds, from Study funds, or a cost-sharing framework.
- c. Funding for refining net basin supply components will come from the “St. Clair River” and “Lake Superior Regulation” allocations.
- d. The Study Management amount was increased to include funds for Board travel, meeting arrangements, etc. in addition to manager and director labor.
- e. The Communication amount was increased to cover hiring of the Public Information Officer with US funds.

- f. The Information Management Amount was increased to include the initiation of the web site with Canadian funds.
 - g. PIAG funds were not increased since these will only include travel for members and meeting arrangements. May want to use the US allocation first since they expire at the end of September 2007. First meeting should be held in Detroit rather than Windsor.
 - h. Eco-system, recreational boating, hydropower, commercial navigation and coastal amounts were reduced since these activities will not begin extensively at this point of the Study.
 - i. Water uses was not reduced, since there is a proposal which should be awarded for these evaluations with US funds before the end of September.
 - j. \$1.3 million was approved for the Canadian fiscal year which began on April 1st. \$200,000 was provided last year, leaving a balance of \$1.1 million to be provided for year 1.
 - k. The US amount for year 1, which began on October 1, 2006, was \$1.25 million of which \$875K has been provided to date.
- l. Information regarding funding reallocation will be provided to the IJC by Tony and Syed.**

18. Public Meeting, Site Visit at September Board Meeting and Coordination with the Lake Superior Board of Control

- a. **Meeting arrangements will be made for the first PIAG meeting in the Detroit area for July 31st – August 1st by Tony Eberhardt with assistance from Kay Felt.**
- b. For the Midland meeting, the PIAG chairs will be present for the two days – July 11th and 12th. Next year's Conference will be held in May 2008 in Port Elgin, Ontario and the Study could present since the topic is more related to water level issues.
- c. Superior Board of Control Public Meeting evening of Sept. 4th. Study Board is invited to attend.
- d. Study Board Tour of control structures around Sault Ste Marie morning of Sept. 5th
- e. Study Board meeting noon to noon, Sept 5th through 7th.
- f. US location for 4th Study Board meeting to be coordinated with John Kangas.
- g. 5th Study Board meeting in Toronto, Oct. 31st through Nov. 2nd (Nov. 3rd if an additional day is added for a Climate Change/ Global Warming workshop).

- h. Bill Werick will be asked to represent the Study Board at the Duluth, Minn. Conference occurring during the same week.
- i. Other related conferences:
 - i. Lake Michigan State of the Lake Conference October 3-5, 2007 in Traverse City, MI (Jim Bredin will attend).
 - ii. February 2008 Conference on Air Quality and Climate Change in Hamilton, Ontario (Jim Bruce will likely attend).

Tony Eberhardt will prepare a draft presentation regarding the Study for use by the PIAG Chairs and Jim Bredin.

Jonathan Bulkley agreed to give future presentations regarding Great Lakes diversions and their impact regarding water levels. Syed will distribute a related paper.

19. Upcoming Meetings Calendar
Covered above. (Attachment 4)

20. Concluding Remarks & Departures
No other business. Likely have a Study Board conference call sometime in the summer.

All presentations and supporting material for this meeting can be found on:

Site Address: [FTP://67.71.254.28](ftp://67.71.254.28)

User Id: IUGLSBoard

Password: 11ugls#

Compiled by Tony Eberhardt & Syed Moin

June 21, 2007

INTERNATIONAL UPPER GREAT LAKES STUDY (IUGLS)

BOARD MEETING #3

IJC GREAT LAKES REGIONAL OFFICE

100 OUELLETTE AVE., 8TH FLOOR, WINDSOR, ONTARIO

JUNE 5-7, 2007

DAY 1 - JUNE 5, 2007

Item	Time	Topic	Lead
1	1:00 - 1:10	Welcome	Yuzyk/Stakhiv
2	1:10 - 2:00	Review/Approve Agenda; Review Status of Action Items from Minutes of Meeting #2	Yuzyk Moin/Eberhardt
3	2:00 - 2:30	Study Announcement and Communications Protocols <ul style="list-style-type: none"> • Approval of Study Material • Policy on Releasing Material • Posting on the Web 	Yuzyk/Stakhiv
	2:30 - 2:45	Health Break	
4	2:45 - 3:15	Follow up on Public Interest Advisory Group Proposed Membership <ul style="list-style-type: none"> • Status • Membership • First Meeting 	Yuzyk/Stakhiv Bruce/Felt
5	3:15 - 3:30	Follow up on Aboriginal Involvement	Yuzyk/Stakhiv Gee/Bredin/Chow
6	3:30 - 4:15	Peer Review Strategy	Burn/Bulkley
7	4:15 - 5:00	Communications <ul style="list-style-type: none"> • Job Description • Potential Candidates • Staffing Strategy 	Stakhiv/Yuzyk

DAY 2 – JUNE 6, 2007

Item	Time	Topic	Lead
8	8:30 – 9:00	Review Study Organization Chart – Working Group Perspective	Yuzyk/Stakhiv
9	9:00 -10:00	Study Organization; Task Team and Technical Working Group Memberships	Yuzyk/Stakhiv
	10:00 -10:15	Health Break	
10	10:15 -12:00	Generic Terms of Reference for Task Teams & Technical Working Groups	Moin/Eberhardt
	12:00 -1:00	Lunch	
11	1:00 - 1:30	Board Members’ Participation in TWGs	Yuzyk/Stakhiv
12	1:30 - 2:30	Review of Projects – Part 1	Yuzyk/Stakhiv (Alt) Moin/Eberhardt
	2:30 – 2:45	Health Break	
13	2:45 – 3:30	Flow Measurement Strategy & Recommendations	Moin/Yuzyk
14	3:30 – 4:30	Approved Projects– Part 2	Yuzyk/Stakhiv (Alt) Moin/Eberhardt
15	4:30 – 5:00	Final Assessment, Funding and Next Steps	Yuzyk/Stakhiv (Alt) Moin/Eberhardt

DAY 3 – JUNE 7, 2007

Item	Time	Topic	Lead
16	8:30 - 9:30	Information Management Progress <ul style="list-style-type: none"> • Website • Sharepoint • Working Group 	Yuzyk/Moin
17	9:30 - 10:15	Study Financial Management Structure & Budget for FY07	Yuzyk/Stakhiv
	10:15 -10:30	Health Break	
18	10:30 -11:00	Public Meeting, Site Visit at September Board Meeting and Coordination with the Lake Superior Board of Control	Moin/Eberhardt
19	11:00 -11:15	Upcoming Meetings Calendar	Moin/Eberhardt
20	11:15 -11:30	Concluding Remarks & Departures	Stakhiv/Yuzyk

PIAG NOMINEE MATRIX

Suggestions of Jim Bruce and Kay Felt

Assumptions:

Lists of nominees should be developed on the basis of the following factors

- a. Participation by persons from each type of category listed in IJC descriptions of PIAG
- b. Equal participation overall by persons from Canada and from the United States, but there need not necessarily be equal participation by persons from each country in each type of category as long as each category is well-represented, and there is equal participation overall.
- c. Appropriate geographical distribution based on relevant regions of the Study area.

Categories	Canada	United States
Co-Chairs	Jim Bruce Ottawa	Kay Felt Grosse Pointe Shores
Riparians Cottagers	Georgian Bay Association Mary Muter	Save Our Shores Saginaw Bay/Port Huron International Great Lakes Coalition Joe Milaucka Saugatuck
Governments	Federation of Northern Ontario Municipalities Espanola, Ontario	Gary McDowell State Representative Sault Ste. Marie
Commercial Navigation	Shipping Federation of Canada Montreal	
Port Authorities		Duluth Seaway Port Authority Duluth

(Note: The two agencies above would respectively represent their own interest groups, but together would provide country balance with two sides of the same general interest. Washington D.C. nomination does not seem appropriate unless the actual nominees is from the Study area.)

**Marinas/
Recreational
Boating**

Great Lakes Boating Federation
Ned Dickman
Chicago

(Note: This entity might more appropriately be represented on a technical work group.)

**Anglers/
Fisheries
Management**

Lake Superior Advisory
Committee
Sault Ste. Marie

Great Lakes Sport Fishing Council
Elmhurst, IL

**Nature/
Conservation**

Ducks Unlimited
Julie Cayley
Barrie

National Wildlife Federation
Ann Arbor
(Note: seek U.S. nominee or another
nominee that represents conservation
as opposed to riparian interests.)

Lake Superior Conservancy
and Watershed Council
Sault Ste. Marie

Great Lakes United
John Jackson
Buffalo

Conservation Ontario
Dick Hibma
Newmarket

Nature Conservancy
Chicago, Illinois

(Note: Not all of the above would be asked, but selections would be made to promote geographical (country and regional) balance.)

**Other Interested
Persons with
Interest Group
Organizational
Skills**

Kenneth Higgs
Georgian Bay

Al Wright
Sault Ste. Marie
(Alternate if Higgs cannot serve)

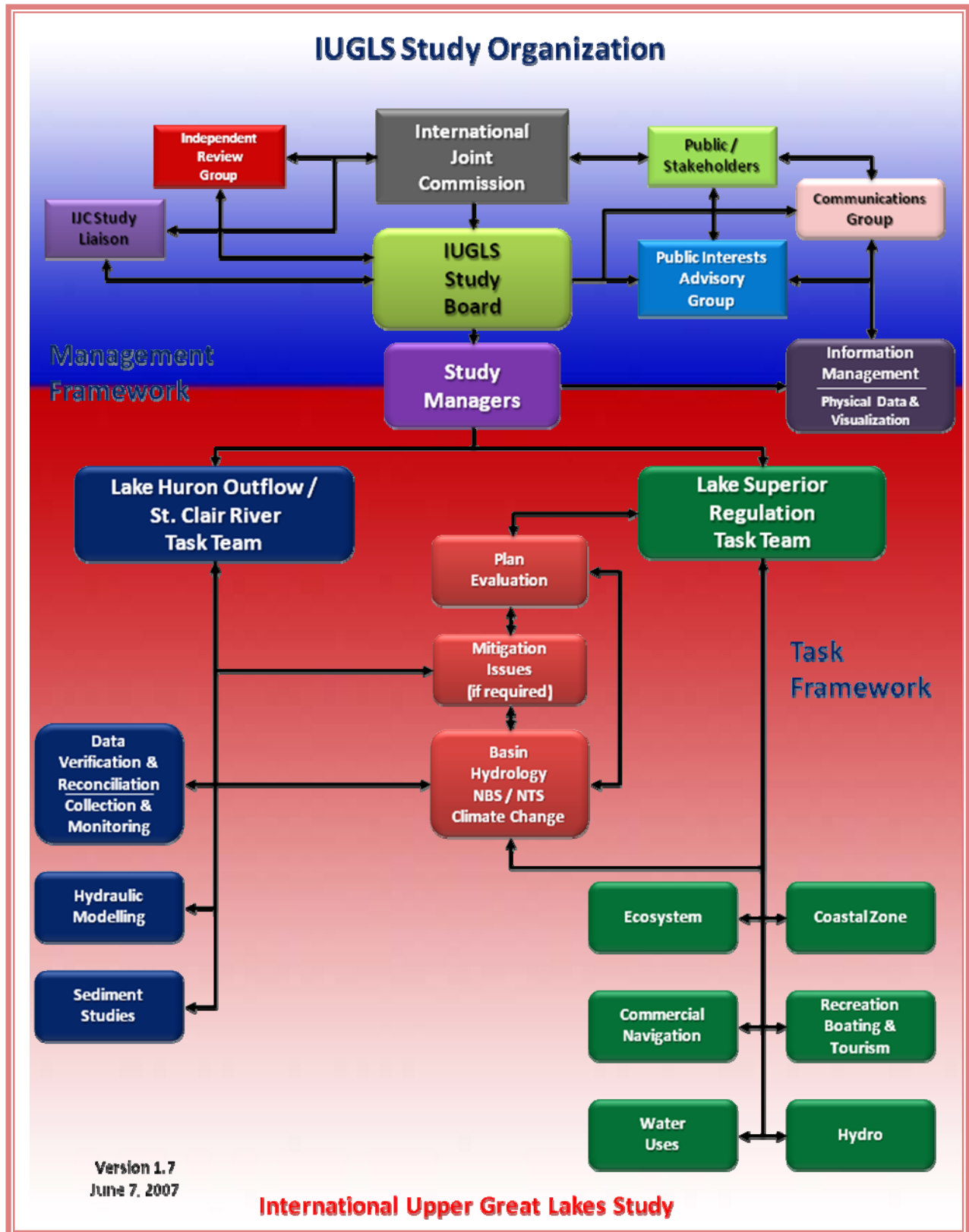
(Note: Other nominees Louise Harmer and Christopher Kriesio might be considered if the above do not accept and there is interest in including this category.)

**Tribal
Representatives**

Chippewa Tribes

Ontario Chiefs
or
Metis

Great Lakes Commission



Revised Schedule of Meetings – International Upper Great Lakes Study

Date 2007	Time	Location	Purpose	Status T- tentative; S - scheduled; R-related but not IUGLS
July 11-13	TBD	Midland, Ontario	Study and PIAG Co-Chairs to attend and correspond with Lake Huron Conservation Conference	S
July 31-August 1	Noon to noon	Detroit, MI	First meeting of PIAG with possible day trip to Port Huron on Lake St. Clair	T
September 4	Evening	Sault Ste Marie, MI	International Superior Board of Control Public Meeting	R
September 5	Morning	Sault Ste Marie, MI	Tour of Control Works	S
September 5-7	1 pm to noon	Sault Ste Marie, MI	Fourth Meeting of the Study Board	S
Wed., October 17	TBD	Ottawa, Ontario	Second Study Board Appearance with IJC	T
October 30- November 1	TBD	Toronto, Ontario	Fifth Meeting of the Study Board and Climate Change Workshop	T
October 29 -. 31	TBD	Duluth, Minnesota	“Making a Great Lake Superior” 2007 Conference	R
November 3 rd Week	TBD	TBD, USA	GL Coordinating Committee Meeting, (Data issues for the IUGLS)	R,T
November 14-16	TBD	Alliston, Ontario	“Your Watersheds: Our Great Lakes” Annual A. D. Latornell Conference	R

Action Items from 3rd Study Board Meeting

No.	Description of Action Item:	Action Lead:	Due by:
1	Fact sheet on current water level conditions – revised to include all Upper Great Lakes	Syed Moin	Mid-Summer
2	Suggest names for Independent Review Panel	Study Board	June 30 th
3	Arrange half-day meeting with the CCA for IPR in early July (Jonathan Bulkley, Don Burn and Directors to attend)	Syed Moin	June 30 th
4	Determine procedure for hiring the Public Information Officer after including final revisions to the job description	Tony Eberhardt & Gene Stakhiv	June 15 th
5	Make three versions of the Study Org Chart (basic framework, TWG leads, Study Board liaison)	Syed Moin	June 15 th
6	Revisions to TWG Terms of Reference	Study Team	June 30 th
7	MOU between IJC and Environment Canada	Ted Yuzyk/Jon Gee	June 15 th
8	TWG Leads will be contacted regarding their selection and willingness to participate after Terms of Reference are refined (additional leads will be identified)	Study Team	June 30 th
9	Six proposals will be funded related to Lake Huron/ St. Clair River issues. Paperwork will be filed to facilitate after investigators are notified for further clarification.	Study Team	Before June 30 th
10	Net Basin Supply TWG Leads will arrange a workshop to discuss hydrologic parameter proposals. Follow-up to refine descriptions of deferred proposals.	Debbie Lee & Al Pietroniro with assistance from Tony Eberhardt & Syed Moin	Late July
11	Teleconference regarding St. Marys, St. Clair and Niagara River gauges.	Study Team & Jim Bredin	June 11 th
12	Allocation of \$130K for three ADCP gauges	Tony Eberhardt & Syed Moin	Before June 30 th

No.	Description of Action Item:	Action Lead:	Due by:
13	Continued refinements of the Study Web Site	Syed Moin, Ted Yuzyk & John Yee	On-going
14	Information regarding the reprogramming of Study funds provided to the IJC	Tony Eberhardt & Syed Moin	June 15 th
15	Arrangements for first PIAG Meeting – Detroit, Michigan: July 31 st – August 1 st .	Tony Eberhardt with assistance from Kay Felt	June 30 th
16	Draft presentation for PIAG meeting.	Tony Eberhardt	June 30 th
17	Information about Great Lakes water diversions (related paper)	Jonathan Bulkley (Paper distributed by Syed Moin)	On-going. (Paper by June 25 th)
18	Board members will provide comments to Syed Moin for revising and re-issuing the flyer prior to the conference.	Syed Moin	June 30 th
19	Syed Moin will add location maps to the strategy paper and re-issue the document to the Board members and for the SharePoint system.	Syed Moin	June 30 th