The meeting began at 9:15 am (EDT) with the following participants:

<table>
<thead>
<tr>
<th>United States</th>
<th>Canada</th>
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<tbody>
<tr>
<td><strong>Board Members</strong></td>
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<tr>
<td>Mr. S. Durrett, Alt. Chair</td>
<td>Dr. G. Béchard, Chair</td>
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<tr>
<td>Mr. T. Brown</td>
<td>Mr. J. Aubry-Morin</td>
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<tr>
<td>Mr. R. Campany</td>
<td>Ms. P. Clavet</td>
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<tr>
<td>Mr. A. David</td>
<td>Ms. J. Frain</td>
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<tr>
<td>Dr. D. Kuehn</td>
<td>Mr. M. Hudon</td>
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<td><strong>Secretaries</strong></td>
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<tr>
<td>Mr. B. Carmichael</td>
<td>Mr. R. Caldwell</td>
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<tr>
<td><strong>Regulation Representatives</strong></td>
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<tr>
<td>Mr. K. Koralewski (Alt.)</td>
<td>Mr. J. Bruxer</td>
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<td></td>
<td>Ms. J. Dickhout (Alt.)</td>
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<tr>
<td><strong>International Joint Commission (IJC) Staff</strong></td>
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<tr>
<td>Mr. M. Colosimo</td>
<td>Mr. D. Fay</td>
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<td>Ms. S. Lobrichon</td>
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<td><strong>Associates</strong></td>
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<tr>
<td>Mr. P. Davis</td>
<td>Ms. W. Leger</td>
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<td>Ms. C. Fisher</td>
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<td>Mr. J. Scharf</td>
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<td>Mr. G. Schmidt (ph)</td>
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<td>Ms. S. Wagner</td>
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<td>Mr. J. Allis</td>
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<td>Dr. T. Eberhardt (ph)</td>
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1 Roll, Opening Remarks, Objectives
Mr. Durrett, opened the meeting with a roll-call and introductory remarks.

2 Approval of Agenda
The agenda was adopted (attached) with 2 minor changes and two additions as noted. Item 4 and 5 presented by US Regulation Representative rather than initially identified responsible individual. Items 11d and 11e added at the request of Board members.

3 Previous Action Items
All action items from the 24 October meeting were marked complete.

4 Current Conditions and Regulation Overview

4.1 Regulation Overview
The US Alternate Regulation Representative presented the current conditions and regulation overview, highlighting the continued high water supplies to Lake Ontario and the associated high outflows called for by Plan 2014. A large Ottawa River freshet is likely.

5 Gauging Committee

5.1 Status of 2017 and 2018 reports
The 2017 gauging report is approximately 2/3 done. Finalization of power entity data is required to complete the report. Finalization of the power entity data is expected in the next two months. The 2018 report is contingent on the completion of the 2017 report.

5.2 2019 Scheduled inspection activities and precision survey update
The 2019 annual inspection will take place August 12 through 16.

Due to the continued alkali-aggregate reaction (swelling, cracking and deterioration of the concrete on the Canadian side of the Moses-Saunders dam), an international precision survey is to be completed every ten years (at minimum), at the previous request of the Committee. 2008 was the last year the survey was completed meaning 2018 was when the next required survey was recommended. A Memorandum of Understanding between OPG and National Geodetic Survey (NGS) is required before the survey work can commence and due to the rigorous requirements of the survey and the coordination required between the two nations it was not feasible to conduct the
survey in 2018. There is one item left to be rectified in order to complete the MOU and it is expected to be finalized on 18 March, 2019. The survey will be done in the fall of 2019.

Discrepancies between the Long-Sault rating table and the measured flow were noted, raising the need for an assessment of the methods used to measure flow. The gauging committee will continue to monitor the discrepancy when additional flow measurements are obtained.

6  IJC/Board Website update

The new site was launched in October of 2018 and training for the website Board website representatives was conducted in January and February of 2019. The Board’s Secretaries and Regulation Representatives received training on user account management, site navigation, and content editing. The US Secretary provided a brief tour of the new website to the Board.

Action Items:
Mr. Koralewski, Ms. Schefferle, and Mr. Andy Kornacki will be granted administrative access.
Board members who wish to submit headshot photos of themselves for the website are encouraged to do so by May 1st, 2019. Headshots are not required.

7  Communications Committee (Note: this item was addressed after item 8 due to scheduling changes)

a. Brief of Face to Face meeting in Cornwall – 18 December

The Communications Committee (CC) met in Cornwall on 18 December to discuss a number of recommendations made by ECO strategy summarizing the Board’s communications activities throughout the 2017 event. Several recommendations came out of the meeting:

1. A seasonal newsletter that could be used to communicate a variety of information to the public that is pertinent to the current conditions.

   Action Item: CC to ensure that appropriate politicians and staffers are included on the newsletter distribution.

2. An updated Social Media Strategy that would reduce the level of effort required to maintain the Facebook page.

3. An updated strategy to build relationships with various stakeholders during non-crisis periods.

4. An updated strategy that streamlines the review process for producing media
releases. This strategy involves the CC distributing topline messages to the Board on a regular basis and the Board approves the messages. Then the CC leads draft of the media release and the CC approves it, then it is translated and released within 24 hours of approval. The Board was asked to approve this strategy and consensus approval was given.

b. Public Outreach Activities / Brief of FB Activity

Board members were presented with the outreach activities recorded during the reporting period. Any activities not presented were requested to be submitted to the Board Secretaries.

**Action Item:** Board members to submit any missing public outreach activities to Board Secretaries.

Facebook support was widely discussed. The Board raised the question of the need for analytical data of people visiting the Board’s Facebook page. It was noted that Mr. Kornacki provided some analytic data to the CC. The Board discussed methods for filtering comments and identifying common threads that need to be addressed. The concern was raised that the current strategy for Facebook support is unsustainable and a new strategy must be developed and implemented. It was noted that there is an existing IJC social media guidance document developed in 2010 that can be used for reference, but that it is in need of updating.

**Action Items:**

- Several staff and members will hold a call next week to discuss updating the social media strategy.
- US Secretary to work with new Public Affairs Specialist and IJC Social Media Advisor to draft a new social media strategy, then schedule a call with interested members of the CC to move the proposed strategy forward for approval by the CC and ultimately board approval.

c. Brief of meeting with Lake St. Lawrence residents’ associations

Mr. Hudon provided a brief overview of the 19 November meeting and general takeaways. Discussion followed on the tone and takeaways from the meeting. The Board raised the point that the agenda was set by Mr. Cliff Steinburg from the Ault Island Community Association and he ran the meeting, which created some difficulty in communicating the Board’s key messages. The Board discussed scheduling a spring meeting with the same group of stakeholders. The Board also discussed potential other formats for the meeting such as an open house format.
Action Item: CC to set date for spring open house and identify individuals who can attend on the next CC call.

Mr. Aubry-Morin to share notes from secondary meetings hosted by Seaway Corporation officials and Great Lakes Pilotage Authorities.

d. Website content needing updates (learning modules, FAQs, etc.)
   Board Members were informed of outdated material on the Board’s website and a discussion on who could develop updated content followed.

Action Item: The CC was tasked with identifying new messaging for the website and ensuring the appropriate Board associates were involved in developing the new content.

e. Update on communications strategy for spring 2019
   The Board was updated on the communications strategy for the spring and reiterated the new media release strategy discussed in agenda item 7a. A news release was published on 4 March stressing that high outflows continue to be released.

8 Power Entity Updates

2019 marks the 60th Anniversary of NYPA and OPG and 2018 was the highest production year on record. When Long Sault Dam was operated in 2015, it was the first time since 1998, highlighting the need for implementing an automation project at Long Sault to facilitate the expected need for more frequent operations at that structure.

a. Status of NYPA/OPG Generation Rejection Communication Plan
   The NYPA generation rejection (GR) communication plan, “Notification of STL Gen Rejection during 765kV outage October 22, 2018”, was presented to the Board by the OAG’s NYPA representative. The plan was developed with coordination between the Seaway, OPG, NYPA, and the Board’s Regulation Representatives. A standard operating procedure is now in place which requires notification of the Seaway, OPG, the Vessel Control Center, and the OAG once the generation rejection system is armed. This has happened once since the implementation of the plan in October 2018. It was also noted that the GR system is not a new protection system, and has been employed in the past in New York and in Ontario.

9 GLAM Committee

The Board was briefed on the current Committee’s membership changes including the vacancy
of the US Co-chair, the new appointment to the EPA vacancy, and the temporary acting member for the NOAA vacancy.

a. 2017 Annual Report – fallout/ outstanding questions
The IJC released the GLAM report on November 29, 2018 and made it available on the GLAM Committee’s website. The report received some minor US attention but overall not a lot of feedback. The IJC is currently reaching out to state and provincial officials to see if there is interest in receiving a presentation-style briefing on the report.

b. FY19 work plan status/ briefing of February GLAM meeting
The GLAM Committee provided a brief summary of the work plan items relevant to the Board’s priorities and interests. The Board was informed of the ongoing development of the 12-year strategy in conjunction with the Committee’s directive to perform a 15-year review of the regulation plan. The strategy will include a review and update of the performance indicators, development of targeted hydroclimate initiatives to aid in assessment of regulation, and decision process strategy linked to a trade-off analysis. The Committee would like the opportunity to engage more closely with the Board on this process and proposed a workshop-type meeting with GLAM Committee members and Board members to develop a dialogue about the 12-year strategy.

Action Item: Schedule a half day workshop with the Board and the GLAM Committee in conjunction with the September Board meetings.

The Committee also briefed the Board on work plan items associated with wetland monitoring and modeling, the shoreline property owners survey, the Lake Ontario Shoreline protection structure survey, and the marina/ yacht club and municipal and industrial (M&I) surveys.

Action Item: GLAM Committee to ensure the Board is included on all future Committee meeting invites.

Action Item: GLAM Committee to ensure Mr. Tony David is invited to the wetland monitoring meeting or teleconference.

Action Item: GLAM Committee to provide a list of M&I requesters to Ms. Patricia Clavet.

c. Discussion on GLAM priorities for Board initiatives
The Board discussed the priorities on which they wanted the GLAM Committee to focus. The impacts of low Lake St. Lawrence levels were highlighted and the Committee said they will be executing plan evaluation model simulations on varying scenarios for communicating the impacts of different regulatory strategies on the system. The Board discussed the potential
applications of the 12-year strategy development and how it could help the Board with understanding and communicating the GLAM Committee’s work initiatives as it relates to the regulation plan evaluation. There was overall support from the Board to have the Committee provide some topline communication messages to aid them in communicating the GLAM Committee’s initiatives and how they support the Board’s priorities. The Board enquired about a newsletter to communicate the findings of the shoreline surveys.

**Action Item:** CC and GLAM Committee to develop topline GLAM messages for the Board’s use.

**Action Item:** GLAM Committee to distribute the shoreline survey results summary document for Board review.

d. June 2019 meeting

The GLAM Committee will be meeting in the Buffalo, NY area in June to move along the 12-year strategy and develop its FY20 work plan. When the meeting details are finalized invites will be circulated to the Board.

**10 Semi-Annual Report update**

The US Secretary provided a status report of the 131st Semi-annual report to the IJC. The draft report was distributed to Board members on March 1st, 2019 with incomplete data from February 2019. The updated draft will be distributed within 2 weeks to allow Board members a 2-week review period. The finalized version of the semi-annual report will be submitted to the IJC prior to May 1st, 2019.

Canadian Section staff will prepare the spring reports in the future, while the US Section staff will prepare the Fall reports.

**11 Other Business**

a. Seaway communications and recent teleconferences

The Board was briefed on the calls between the Seaway Officials and the Board’s Secretaries and Regulation Representatives. Some Board members expressed disappointment about the lack of full Board membership inclusion on those teleconferences.

i. Decision criteria for opening and closing dates

The decision criteria used in selecting dates for the Seaway opening and closing were communicated to the Board for their reference. Seaway officials indicated that the Seaway opening date had been changed twice and that tentatively it is set for March 26th, 2019. Board
members expressed concerns that there is less flexibility in the closing dates and this creates a risk for ice jam influenced flooding with the onset of early rapid ice set up. Ice formation impacts the ability to dip gates at Iroquois Dam and ice jam risk can become considerable by the end of December. Discussion followed on the Seaways coordination efforts and the multiple factors considered when setting the closing date, including the risk for ice onset. Seaway officials indicated that the agency responsible for managing ice jam risk was the Coast Guard, and proposed a coordination call with the Board, Seaway and Coast Guard. Board members expressed concern that Hydropower authorities should also be involved as they manage the installation and removal of ice booms. Concerns were raised that the Coast Guard’s ability to break up ice jams upstream of the dam does not alleviate the risk of ice jam flooding because that ice would just be moved downstream to be caught by the power dam, impacting operations and essentially moving the areas at risk of flooding. Board members stated that changes in the system need to be considered moving forward and the previous decision-making model may be inadequate to address the changes in conditions. A meeting was proposed to discuss how to reconcile the communications and better evaluate the risk of flooding in the future as part of the decision making process.

**Action Item:** Schedule a meeting at the end of summer/early fall timeframe for interested Board members and Seaway officials to reconcile the changing conditions within the system and how to potentially address ice jam flooding risk in a more proactive way.

**b. April/October meetings – before or after Appearances**

The Board discussed the potential pros and cons for holding the Board meeting directly after the IJC Appearances as opposed to directly before the Appearances. The Board decided that they wished to keep the meeting scheduled prior to the Appearances.

**c. Fall Board meeting: September 17-19, 2019 in Burlington, ON**

The originally proposed dates of September 17-19 for the Board meetings was not feasible due to a travel scheduling conflict. The meetings were moved to September 24-26 with the ILO-SLRB meeting on September 25th, and the GLAM Committee workshop on September 24th.

**d. ECCC Support of Boards**

The Canadian Co-Chair relayed the discussion she had with a Director at ECCC and reiterated that there is broad Departmental support for the IJC and the Great Lakes Boards mission. Thereby, the Department tangentially supports the need for overtime expenses paid to ECCC staff in the Cornwall office associated with flow-change facilitations and coordination as
required by the regulation plan and IJC Order and Directives. This Director and the Cornwall
manager will discuss overtime requirements offline.

e. Seaway update
A Seaway official provided an update about changes within the St. Lawrence Seaway
Management Corporation. Support to the Board and its Operations Advisory Group will
continue, but from the Operations side.
An update on the current status of Seaway initiatives was provided to the Board. The existing
Ocean Protection Plan maintained by Transport Canada was referenced as the plan that ensures
the Seaway Corporation’s decision-making process is transparent. Transport Canada is looking
for ways to engage in commercial navigation studies and should be followed up with if the Board
is notified of the implementation of any such studies.

12 Action Item Review
The Canadian Secretary reviewed the pertinent action items raised during the meeting as
previously noted above.

13 Closing remarks and adjourn
On Monday, Mr. Tony David will be promoted to Director of the Environment Division at the St.
Regis Mohawk Tribe, Akwesasne. The Executive Director of the Tribe supports Mr. David
continuing as a US Board member.
The meeting adjourned at 4:30 pm.
INTERNATIONAL LAKE ONTARIO - ST. LAWRENCE RIVER BOARD

Board Meeting 6 March 2019 – 9:00 am to 4:30 pm
Marriott Syracuse Downtown – Empire Room 10th floor
100 East Onondaga Street, Syracuse, NY 13202


Web Meeting: https://usace.webex.com/meet/LRD_Great_Lakes

AGENDA

1. Roll, Opening Remarks, Objectives [Durrett] 9:00 am
2. Approval of Agenda [Durrett] 9:10 am
3. Previous Action Items [Carmichael] 9:15 am
   a) Regulation Overview
   BREAK (15 min) 10:30 am
5. Gauging Committee [McNiven, Koralewski]* 10:45 am
   a) Status of 2017 and 2018 reports
   b) 2019 scheduled inspection activities/Precision Survey update
6. IJC/Board Website administrative access status [Carmichael] 11:15 am
   Lunch (1 hour) 11:30 am
7. Communication Committee [Hudon, Campany, Carmichael, Caldwell] 12:30 pm
   a) Brief of Face to Face meeting in Cornwall- 18 December
   b) Public Outreach Activities/ Brief of FB activity
   c) Brief of meeting with Lake St. Lawrence residents’ associations
   d) Website content needing updates (learning modules, FAQs, etc.)
   e) Update on communications strategy for spring 2019
8. Power Entity updates [Davis, Wagner] 1:30 pm
   a) Status of NYPA/OPG Generation Rejection communication plan
9. GLAM Committee [Leger, Carmichael] 2:00 pm
   a) 2017 Annual Report – fallout/ outstanding questions
   b) FY19 work plan status/ briefing of February GLAM meeting
   c) Discussion on GLAM priorities for Board initiatives
   d) June 2019 Meeting
   BREAK (15 min) 3:00 pm
10. Semi- Annual Report update [Carmichael] 3:15 pm
11. Other Business [Carmichael/ Caldwell] 3:30 pm
   a) Seaway Communications and recent teleconferences
      (1) Decision criteria for opening and closing dates
   b) April/October meetings – before or after Appearance?
   c) Fall Board meeting: September17-19, 2019 in Burlington, ON
   d) ECCC Support of the Board [Bechard]*
   e) Seaway update to Board [Aubrey-Morin]*
12. Action Item Review [Caldwell] 4:00 pm
13. Closing Remarks and Adjourn [Durrett] 4:20 pm

* denotes agenda item revised or added during Approval of Agenda