

Greater Victoria Harbour Authority

Quarterly Meeting Update - May 2014



Greater Victoria Harbour Authority's Board of Directors met on May 16, 2014 for its regularly quarterly in-camera meeting. The following summarizes the outcomes of the meeting:

The Business of GVHA

Shore Power

Over the past few years, GVHA has been assessing the feasibility and air quality impact of shore power for plugging in the cruise ships in Victoria. Given recent advancements and investments in new on-board scrubber technology and the implementation of regulations to protect air quality, the Board of Directors determined that installing shore power is not an effective solution for Ogden Point.

The major factors contributing to this decision:

- Shore power will cost between \$9–10 million for one installation, but service less than 1/3 of calls (only 8 of the 22 cruise ship calls based on 2014 schedule)
- The results of the James Bay air monitor over the past four years indicate that elevated sulphur dioxide (SO₂) levels, although infrequent, generally result when ships are maneuvering in and out of port—shore power only has a positive impact when ships are already berthed
- Since Canada has joined the North American Emissions Control Area (ECA), mandating lower sulphur fuels, the industry has made significant progress in scrubber technology and an equivalent means of compliance
- Almost all of cruise lines calling in Victoria have announced their commitment to install scrubbers on their ships (scrubbers eliminate 98% SO₂ & 80% particulate matter)
- Other limitations of shore power include the shorter length of stays in Victoria, the time required to plug the ships in when alongside the pier, and the negative impact a shore power installation may have on the development of the facility to accommodate vessels in the future

Given that the vast majority of cruise ships operating in the Pacific Northwest will be equipped with on-board scrubbers by the end of 2015, it is not prudent to invest scarce financial resources at Ogden Point for marginal benefit.

Commercial Activity

GVHA signed the following agreements:

- 1-year lease with Pat Bay Air for floating office at Enterprise Wharf
- 3-year agreements with commercial fishing companies FAS Seafood Producers Ltd & RBS Seafood Harvesting Ltd for equipment storage

Pirate Adventures has notified GVHA that it will not be returning to Fisherman's Wharf this year.

Project Post-Implementation Reports

Management presented post-implementation reports for two infrastructure projects:

- **Scour Protection, Ogden Point**
Repaired washout under caissons and protected toe of caissons from further washout. Priority was placed on preserving the structural integrity of the caissons, to continue to accommodate large cruise vessels that can dock without tug assist, i.e. by making use of bow thrusters and azipods (propellers that can rotate through 360 degrees), and to limit future washout as much as possible.
- **Pier A Bollards, Odgen Point**
Installed bollards with 200 tonne pull capacity at both ends of the pier to accommodate the larger cruise ships, improved the scope of the ships' bow line by locating the bollard further away from the bow of the vessel, and reduced risk of failure of undersized bollards during high wind conditions.

Both projects came in on-time and on-budget.