

LATE ITEM COTW

OCT 16 2019

ITEM # 5.1

October 16, 2019

Mayor Lisa Helps
City of Victoria
1 Centennial Square
Victoria, BC V8W 1P6

mayorandcouncil@victoria.ca

Dear Mayor Helps:

On behalf of Cruise Lines International Association – Northwest & Canada, I would like to express our appreciation for the opportunity to comment on Victoria's Climate Leadership Plan, and in particular, a proposed Motion regarding the cruise industry which we understand may be discussed by Council this Thursday.

CLIA cruise lines share your commitment to environmental protection and responsible tourism with policies that often exceed those required by law. This includes a fleet-wide commitment to reduce the rate of carbon emissions across the fleet by 40% by 2030 compared to 2008.

Our member companies have invested in cutting-edge technologies which have already shown significant progress towards reducing the environmental impact of the cruise industry, with many more technologies and practices currently under development. Although cruise ships represent less than 1% of the global maritime fleet, these investments will benefit the entire shipping industry by demonstrating what is possible.

For example, a growing number of cruise vessels are powered by Liquefied Natural Gas (LNG). LNG has virtually zero sulfur emissions, a 95% to 100% reduction in particulate emissions, an 85% reduction in NOx emissions, and up to a 20% reduction in greenhouse gas emissions. The first LNG powered ship was delivered from the shipyard less than one year ago and is now in service. Currently, there are 26 LNG powered cruise ships on the order book, as investment in LNG capacity has soared, with the result that 44% of new build capacity will rely on LNG for primary propulsion—a 60% increase in overall capacity compared to last year.

Another technology that is a relatively new development involves the use of Exhaust Gas Cleaning Systems (EGCS). Designed to comply with low sulfur fuel limits, EGCS wash the air emissions before leaving the ship, resulting in a reduction of 98% of sulfur oxides, 12% of nitrogen oxides and 50% or more of total particulate matter, including elemental and organic carbon and black carbon.

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In addition to these investments, shore-line power continues to be a top priority for the industry. However, out of the 1,000 ports our cruises visit, only 16 currently have the capability to connect cruise vessels. CLIA is dedicating significant resources to collaborating with various ports and governments to increase availability in the future. As part of this proactive stance, our members have increased the global capacity of ships with the capability to operate on shore-line electricity by 10% since last year, with plans for an additional 18% of current capacity to be retrofitted to add this capability. We welcome the opportunity to work together with Victoria City Council on this important matter, while acknowledging that collaboration with the Greater Victoria Harbour Authority and BC Hydro (as the sole provider of electricity on southern Vancouver Island) will be required.

At a global level, the International Maritime Organization (IMO) has adopted targets for carbon reductions, is phasing in new limits for sulfur content in marine fuel and has established regulations pushing for more efficient engines. In addition, many countries have established additional and more restrictive limits, including Canada and the United States through the North American Emission Control Area.

The cruise industry recognizes that a robust research and development (R&D) effort devoted to the timely identification and production of new fuels, propulsion systems and related technologies necessary to achieve zero carbon emissions in the global maritime fleet is critical to achieving the vision and specific objectives of IMO's GHG Strategy. While CLIA and its members are proud of the progress that has been made, we are eager to make additional strides in collaboration with local and international partners in the future.

The City of Victoria is an important partner for our member companies, and we are grateful for the opportunity to share with our passengers the beauty and magnificence of your city and surrounding areas. We also understand and appreciate that we are guests in your community. Accordingly, we will continue to work hard every day to ensure the beautiful places we call such as Victoria remain a great place to both live and visit. Our Board will be meeting next month, and I would be happy to recommend that our members designate several key contacts to work with you and your council members to discuss future areas of collaboration, such as on the issue of shore power electricity at Ogden Point.

If you have any questions about the industry's sustainability goals, I would be please to discuss them with you further. We look forward to continuing a productive and mutually beneficial relationship with GVHA and the City of Victoria.

Sincerely,



Charlie Ball
Chair, CLIA – North West & Canada

cc. Ian Robertson, CEO, Greater Victoria Harbour Authority