

1    Q.    **Re: Project B-7 Refurbishment of Marine Terminal**

2            At pages 11-12 of the July 2011 report in support of this Project, Hydro refers to the  
3            circumstance that vessels currently offloading at Holyrood exceed the original  
4            design to accommodate 35,000 DWT. For how long have vessels larger than the  
5            original design accommodation of 35,000 DWT been offloading at Holyrood?

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8    A.    Paper records dating back to 1972 reveal vessels larger than 35,000 DWT berthed at  
9            the Holyrood Thermal Generating Station Marine Terminal. Though vessels prior to  
10           the 1990's were likely single hulled, there is no available information to confirm  
11           when double hulled vessels began to deliver fuel oil to the terminal. Single hulled oil  
12           tankers have been slowly replaced since the early 1990's in response to oil spill  
13           incidents such as the Exxon Valdez in 1989. Single hulled oil tankers are by most  
14           authorities, Canada included, required to be phased out by 2015 with those  
15           carrying heavy grade fuels (bitumen, crudes and heavy fuel oil with densities  
16           greater than 900kg/m<sup>3</sup>) to be phased out by 2010.