

1 Q. **Re: B-7, Upgrade Marine Terminal – Holyrood \$5,859,600 in 2012**

2 Detail the work that was done in relation to each of the fenders following the
3 incident in 2008.

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6 A. Following the failure of fender 4 in 2008, Hydro commissioned Hatch to conduct an
7 inspection of the remaining fenders. As a result of the inspection, it was recognized
8 that three of the remaining seven fenders were in jeopardy of sudden catastrophic
9 failure and emergency repairs were required. The repairs consisted of the
10 installation of new front fender support arms for fender 3 and the replacement of
11 the support pins. Fenders 5 and 6 were fitted with a temporary support mechanism
12 to help alleviate the strain on the support arms. The repairs were completed in the
13 fall of 2008.

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15 As a follow-up to ensure that the integrity of the emergency repairs remains intact,
16 an annual inspection is completed each fall. The visual inspection is completed for
17 the seaside components of the structure, via the use of a small boat, and includes
18 representatives from Hydro and Hatch. To date there have been three inspections
19 completed. The first inspection, completed in 2009, identified the requirement for
20 additional welds on the fender support arms; the second inspection resulted in no
21 required action items; and the third inspection, completed in September 2011,
22 noted missing timbers which needed to be replaced and a projecting steel lug on
23 fender 3 which required removal. All work requirements identified during the
24 inspections have been completed.