

1 **Re: 2009 Capital Projects \$200,000 - \$500,000 p. D-12 - Marine Capstans -**
2 **Holyrood**

3 Q. a) How long has NLH performed maintenance operations on the referenced
4 capstans without a lifting frame device?

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6 b) Can NLH quantify the savings to be realized by reducing maintenance
7 time from three to four days to one to two days, as suggested at page D-13?

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10 A. a) Maintenance of the marine capstans has been conducted in this manner
11 since the plant was placed in service in 1970.

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13 b) It is estimated that Hydro will save between \$3,000 and \$6,000 per repair
14 depending on the nature of the job and the associated setup requirements.

15 Weather conditions and the time of day can adversely impact the ability of
16 maintenance crews to access and prepare the site to complete a repair

17 procedure without lifting frames.