

1 Q. At p. 32 of Hydro's report it is stated that the fixtures would be updated to a more
2 current standard to provide an extended service life, thereby reducing the
3 frequency of bulb replacement. What is the anticipated extended service life of the
4 bulbs as compared to status quo?

5

6

7 A. Modern marine rated light fixtures are constructed with marine grade materials,
8 offering a greater resistance to the detrimental effects of a corrosive marine
9 environment. LED marine fixtures can provide a service life of up to 50,000 hours.

10

11 Based on the existing maintenance information, the existing fixtures have an
12 average service life of approximately 2,500 hours.