

CHAIN STOPPER ASSEMBLY WITH LOAD CELL**ABSTRACT**

5 A chain stopper assembly for a turret mooring system configured for real-time
measuring of the tension in a mooring chain, a method for real-time measuring of
the tension in the mooring chain, and a method for *in situ* changing of the load cell in
the chain stopper assembly. The chain stopper assembly comprising a chain
stopper body; a mounting bracket for supporting the chain stopper body from
10 opposing sides of the chain stopper body via respective saddle blocks coupling the
chain stopper body to the mounting bracket; and at least one load cell securing at
least one of the saddle blocks to the mounting bracket, for measuring the load
between the saddle block and the mounting plate as a measure of the tension in the
mooring chain.

15 **FIG. 1a**