

ABSTRACT

RISER MONITORING AND LIFECYCLE MANAGEMENT SYSTEM AND METHOD

5 Systems and methods for riser monitoring and lifecycle management are disclosed. The
riser monitoring and lifecycle management method includes receiving a signal indicative of an
identification of a riser component at a monitoring and lifecycle management system (MLMS),
wherein the riser component forms part of a riser assembly. The method also includes detecting
one or more properties via at least one sensor disposed on the riser component during operation
10 of the riser assembly, and communicating data indicative of the detected properties to the
MLMS. The MLMS stores the data indicative of the detected properties with the identification
of the riser component in a database.

FIGURE 28

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