

SMART RISER HANDLING TOOL

ABSTRACT

Systems and methods for a smart riser handling tool are disclosed. The riser handling tool may be movable to manipulate an equipment asset, such as a riser component. The riser handling tool may include one or more sensors for measuring one or more properties associated with the equipment asset, and a communication system coupled to the one or more sensors to communicate data indicative of the one or more measured properties to an operator monitoring system. In some embodiments, the riser handling tool may include an electronic identification reader for identifying the equipment asset, and the communication system may be coupled to the electronic identification reader to communicate data indicative of the equipment asset identification to the operator monitoring system.

FIG. 13