TECHNICAL DATASHEET

CP HOT STAB

General

The CP HOT STAB is designed to allow a typical ROV to connect a cor-rosion protection grounding cable to a subsea component. The system consists of a steel receiver that is welded to the component and an acme-threaded stab mounted on a compliant handle.

The stab is typically mounted on a grounding cable and deployed with an anode sled. The stab can then connected by ROV to the subsea component on the seafloor. This system eliminates the requirement to install bulky anodes on subsea equipment such as manifolds, PLETs, and well heads. When the anode is used up, the stab can be disconnected so that a replacement sled can be connected to the receiver. For equipment that is already deployed, the receiver can be installed by ROV using existing friction welding or beam clamp techniques. It can also be used to daisy-chain components together with stabs on both ends of CP grounding cables.

Environment

Climate	Outdoor, offshore, subsea, marine
Ambient operating temp.	-10 to +45 °C
Area certification	Not Applicable
Area classification	Not Applicable

Overall Weight & Dimensions

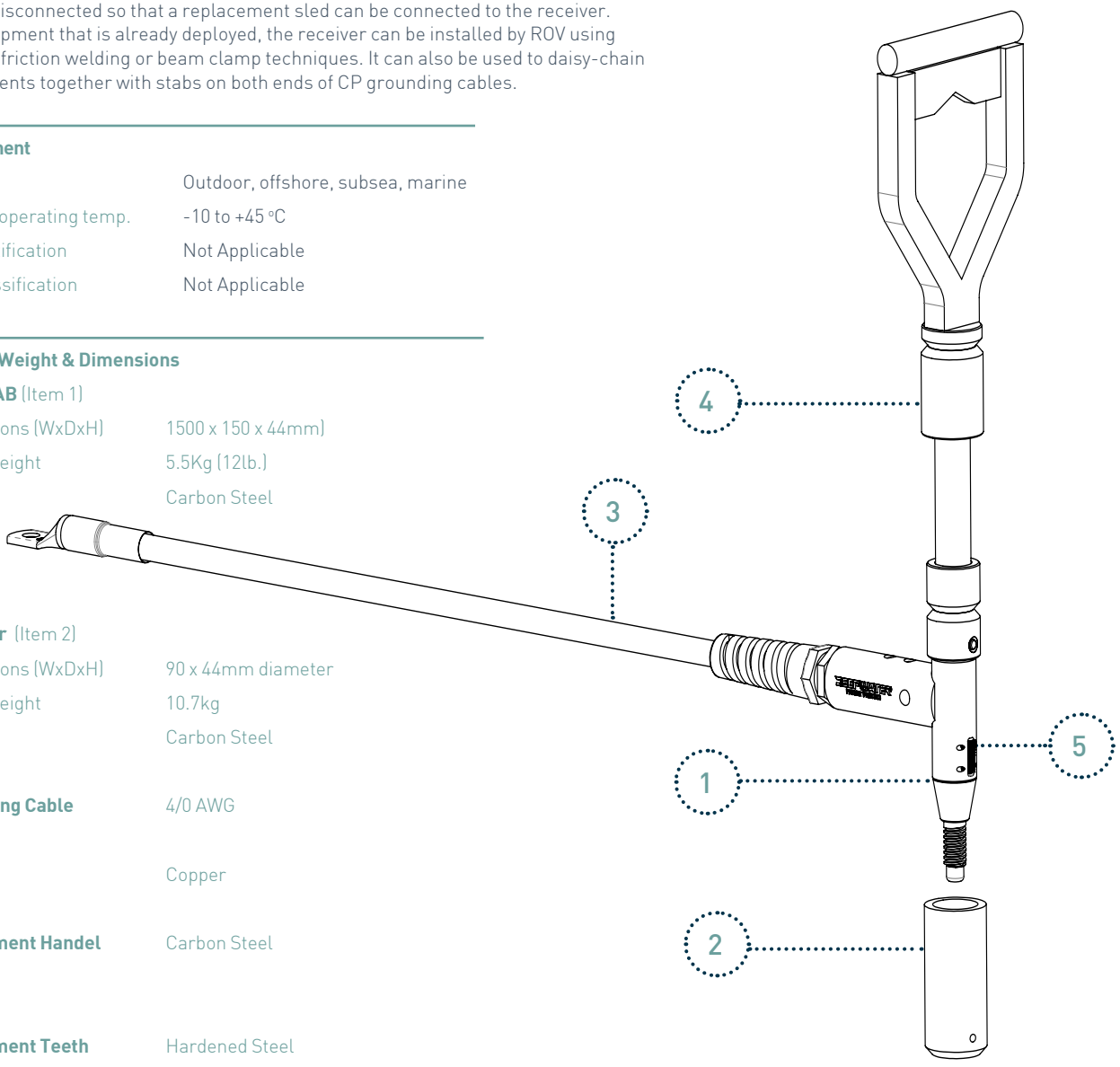
HOT STAB (Item 1)

Dimensions (WxDxH)	1500 x 150 x 44mm)
Gross Weight	5.5Kg (12lb.)
Material	Carbon Steel

Receiver (Item 2)

Dimensions (WxDxH)	90 x 44mm diameter
Gross Weight	10.7kg
Material	Carbon Steel

Grounding Cable (item 3)	4/0 AWG
Material	Copper
Compliment Handel (item 4)	Carbon Steel
Compliment Teeth (item 5)	Hardened Steel



PATENT PENDING