

# LARS – Guide Wire Clump System

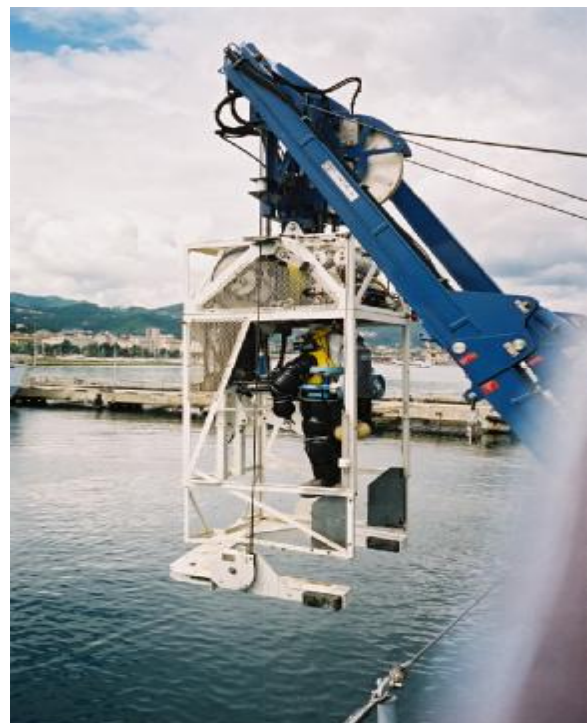
## Overview

### GUIDEWIRE CLUMP

The Guide Wire Clump (GWC) Main Skid Assembly comes complete with A-frame skid, winches, umbilical and wire rope, head frame/launch latch assembly, and Vertical Opening Tether Management System (VTMS). This system deploys the Quantum or HS2000 in the VTMS using a twin-guide wire/clump weight system to stabilize the VTMS and to provide emergency recovery capability. The VTMS provides maximum sub-sea entry and exit safety and minimum turnaround time on deck. The GWC LARS can be transported by road and is easily transferred between vessels. The system is secured to the surface vessel with renewable weld down points. The following components are included:



- a) A-frame skid – folding arm, head sheave assembly, latch assembly and structural elements



- b) Main Umbilical winch and umbilical
- c) Hydraulic control system
- d) Clump weight winch with wire rope for dual guide wire system
- e) Clump weight system with sheaves and accessories
- f) Vertical Opening Tether Management System (VTMS) – vertical opening at waist for pilot entry
- g) Topside Tether Management System control module
- h) Power Distribution Unit
- i) Hydraulic power unit and hoses

# GUIDE WIRE CLUMP SKID

## Dimensions

Operating (A-Frame Inboard)  
Length: 6096 mm (240")  
Width: 2591 mm (102")  
Height: 5791 mm (228")

## Shipping

Length: 6096 mm (240")  
Width: 2591 mm (102")  
Height: 3505 mm (138")

## Weight

21,860 kg (48,100 lb)  
(Based on 860 m cable length)

## Specifications

Depth: 365 or 610 msw  
Sea State: 4-5, 1.8 m (6ft) significant wave height  
Temperature: - 4 to + 122 °F  
- 20 to + 50 °C

## Certification:

Standard certification to:

DNV – Rules for Certification of Lifting Appliances

DNV – Rules for Certification/Classification of Diving Systems

ABS and Lloyd's certification optional

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