

## Launch and Recovery Load Monitoring System: 1-3 ton

### Description:

The primary function of the Bell Load Monitor is to monitor the dynamic loads applied to a Bell's LARS and to alert the operator when the loads have reached or exceeded the safe operating limits for the system. The system comprises of multiple interconnected components and equipment to operate.

### Features:

The system measures, records and displays (real-time) the parameters listed below:

- Load applied to main wire rope
- Bell distance travelled (Bell Wire Counter)
- Clump weight travelled (Guide Wire Counter)
- Umbilical distance travelled (Umbilical Wire Counter)
- Ambient temperature
- Internal temperature of the A-frame junction box

### Specifications:

#### Monitor Rack:

Power Source: 100 – 240Vac 50/60Hz  
 Power Consumption: 1.2A/110V 0.6A/230V  
 Power Output: 24Vdc  
 Width: 483mm  
 Height: 177mm  
 Depth: 425mm  
 Weight: +-10kg

#### A-Frame Junction Box:

Power Source: 24Vdc  
 Width: 530mm  
 Height: 162mm  
 Depth: 310mm  
 Weight: +-16kg



### Order Detail:

LARS Load Monitoring System : 1-3 ton	D-EE-195
LARS Monitoring System line out counter upgrade : 1-3 ton.	D-EE-195-01

## 2 Diver Hat Light & Camera Controller

### Description:

The Diver's Hat Light and Camera Controller is designed to power 2 x Diver's Cameras and 2 x Hat lights. Each output is powered by a dedicated switch mode power supply providing galvanic isolation between the supply and outputs, and individual outputs. This Rack complies with the requirements set out in IMCA, ABS and DNV.

### Features:

- Hat Light voltage is adjustable from 12Vdc to 28Vdc
- Hat Lights are protected against short-circuits and overload
- Over temperature indication
- Over current indication

### Specifications:

Power Source:  
 110 – 220Vac 50/60Hz

### Power Consumption:

3.5A/110Vac 2.2/220Vac  
 Camera Voltage: 24Vdc  
 Camera Current: 2.5A  
 Hat Light Voltage:  
 12-28Vdc (Adjustable)  
 Hat Light Current: 2A Max  
 Width: 483mm  
 Height: 88mm  
 Depth: 335mm  
 Weight: +-5kg



### Order Detail:

2 Diver Hat Light & Camera Controller	D-EE-196
---------------------------------------	----------