

# JACKUP BARGE - BUZZARD

43m x 30m - 1300t Deck Load



## General

|                |   |
|----------------|---|
| Type           | Mono-hull 1300t Self Elevating Platform |
| Classification | American Bureau of Shipping (ABS)       |
| Built          | 1982                                    |
| Major Refit    | 2019                                    |

## Main Dimensions

|                |                    |
|----------------|--------------------|
| Length         | 43m                |
| Breadth        | 30m                |
| Depth          | 4.2m               |
| Free Deck Area | 900m <sup>2</sup>  |
| Leg Length     | 55m                |
| Legs Dims      | 2.5m x 2.4m        |
| Moonpools      | 2 x 800mm Vertical |

## Jacking System

|                 |                               |
|-----------------|-------------------------------|
| Jacking Speed   | 0.2 m/min                     |
| Type            | Hydraulic Positive Engagement |
| Capacity        | 2700 ton                      |
| Pre Load        | 4 x 1,300t                    |
| Installed Power | 1250Kw                        |

## Operating Conditions

|                 |          |
|-----------------|----------|
| Max Deck Load   | 1300t    |
| Operating Draft | 2.95 max |

## Standard Equipment

Hydraulic cabin, navigation shapes and lights, bollards, mooring winches can be fitted, cables & anchors, auxiliary crane 1.75t man riding

## Optional Equipment

Accommodation up to 32 pax, safety boat, access walkways, cantilever platforms

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## Design Conditions

|                      |                                |
|----------------------|--------------------------------|
| Water Depth          | 35m Spud Cans Fitted           |
| Water Depth          | 31m Spud Cans Removed          |
| Wave Height          | 6.0m Significant 10.4m maximum |
| Wave Period          | 9.0 seconds for maximum wave   |
| Current Velocity     | 2.0m Per Second                |
| Wind (Gust) Velocity | 45m Per Second (162Km / Hr)    |
| Leg Penetration      | 6.0m                           |
| Air Gap Maximum      | 9.0m                           |

## Operating Conditions

|                  |                                |
|------------------|--------------------------------|
| Water Depth      | 41m Spud Cans Fitted           |
| Water Depth      | 37m Spud Cans Removed          |
| Wave Height      | 3.0m                           |
| Wave Period      | 7.0 seconds (for maximum wave) |
| Current Velocity | 2.0m Per Second                |
| Wind Velocity    | 15m Per Second (54Km / Hr)     |
| Leg Penetration  | 2.0m Spud Cans Fitted          |
| Leg Penetration  | 6.5m Spud Cans Removed         |
| Air Gap Maximum  | 3.0m                           |

## Buzzard

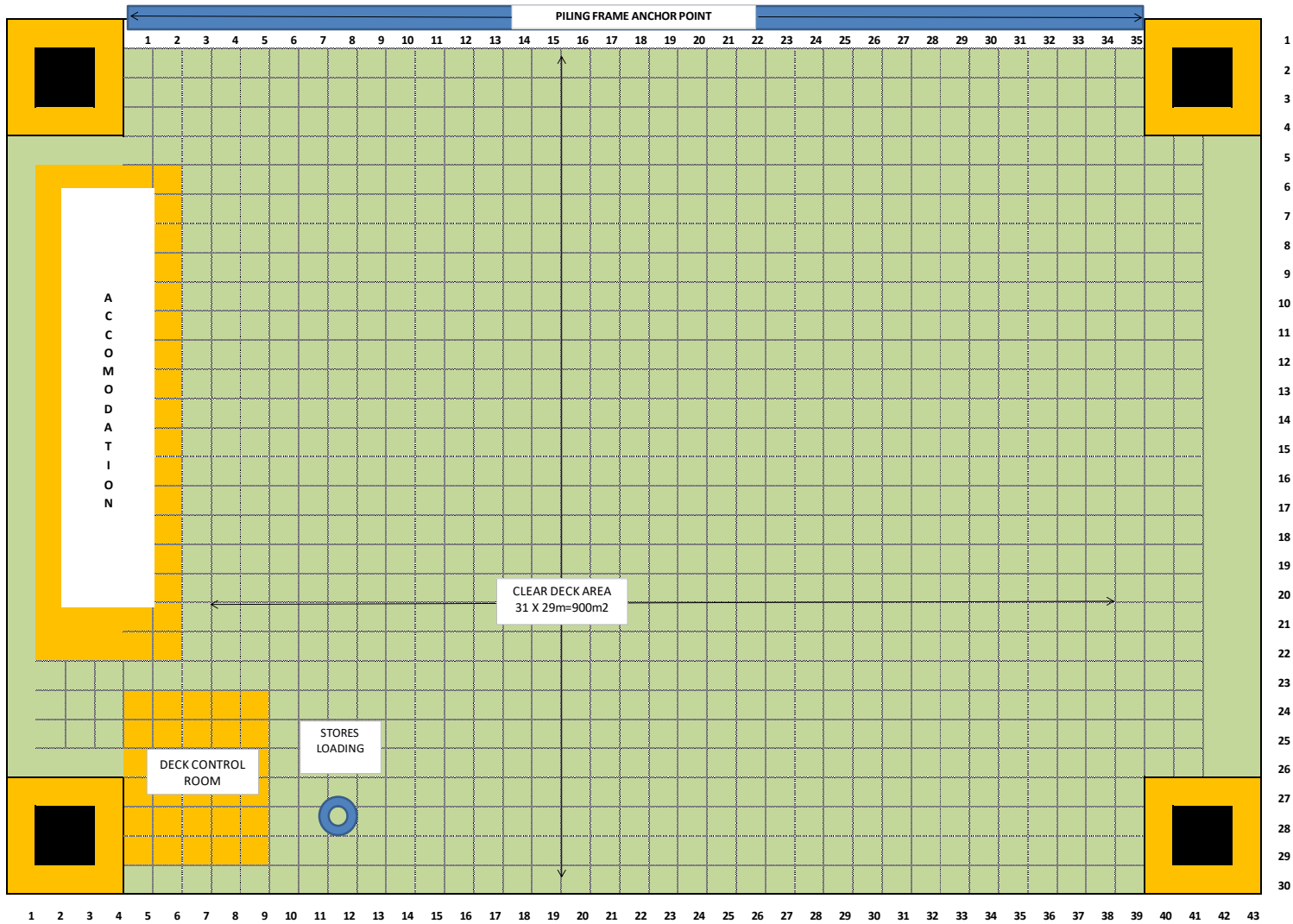
- Ability to jack down and relocate in wave heights of up to 2.5m and therefore remains fully operational over lesser barges.
- Designed as a heavy duty construction platform for working in the most remote and exposed coastal and offshore locations.

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# WHY JACKUP GB?

- Safety always and NEVER compromise
- Client focus – friendly experienced team with non contractual approach
- Get it right first time – importance of fully engineered solutions
- Competent, experienced and motivated workforce
- Dedicated project management and engineering teams
- Committed to investment in personnel development
- Innovative solutions
- Proven track record

# Typical Work Applications

## Ports and Harbour Development

- Site and ground investigation platform within rivers, docks and port facilities
- Soil & Rock Drilling – Cone Penetration – Wireline Logging – Instrument Installation
- Working platform for highly tidal zones where maintaining position and stability is vital
- Construction & Piling – Crane Platform – Repair & Maintenance - Access Solutions - Demolition

## Offshore Jetties and Terminals

- Deep water operations up to 30m water depth
- Site and ground investigation within coastal and offshore sites
- Heavy piling operations including supply of rack mounted fully floating piling gates
- Materials transportation and craneage
- Accommodation facilities

## Offshore Renewables

- Round 1 and 2 offshore wind farm sites undertaking maintenance services
- Site and ground investigation
- Shore-end cable landing support services
- Supporting diving teams, working at height teams and confined space teams
- Subsea piling operations and support
- Accommodation for IRM campaigns
- Emergency support for cable damage repairs

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