

## Technical Introduction to AJ46-360-C Accommodation Jackup

### DESIGN

GustoMSC-AJ46-360-C Accommodation Jackup

### DESIGNER

GustoMSC

### CLASSIFICATION SOCIETY AND FLAG COUNTRY

ABS: ⚠A1 Self-elevating Unit, Accommodation Service

Flag Country: Marshall Island

### MAIN DIMENSIONS

Hull Length	65.25 m
Hull Breadth	62.00m
Hull Depth	8.0 m
Design Draft	4.50 m
Design Life	25 years

### DESIGN TEMPERATURE

Main Structure	-10°C
Leg Structure	0°C
HVAC	-
	10°C~+48°C
Seawater	0°C~+35°C

### STORM & SURVIVAL CONDITIONS

	300ft	350ft
Operation Depth (m)	91.44	106.68
Max. Wave Height (m)	18.30	15.24
Wave Period (sec)	15.0	15.0
Air Gap (m)	15.24	15.24
Penetration (m)	5.79	5.79
Max. Variation Deck Load(t)	2500	2500

### OPERATION CONDITIONS

	300ft	350ft
Operation Depth (m)	91.44	106.68
Max. Wave Height (m)	13.0	10.0
Wave Period (sec)	12.0	11.0
Air Gap (m)	15.24	15.24
Penetration (m)	5.79	5.79
Max. Variation Deck Load(t)	3500	3500

### LEGS & SPUDCANS

Total Length(include spudcans)	147.4m
Type	X-braced

Spudcans areas

150m<sup>2</sup>

### TANKS CAPACITIES

Fuel Oil	400 m <sup>3</sup>
Fresh Water	1300 m <sup>3</sup>
Preload Water	720 m <sup>3</sup>
Raw Water	150 m <sup>3</sup>
Lubricating Oil	6 m <sup>3</sup>
Dirty Oil	14 m <sup>3</sup>
Fuel Oil Day/Settling Tank	20 m <sup>3</sup>

### JACKING SYSTEM

Number	3 x 18 pinions
Make	GustoMSC
Drive	AC electric

### FIXATION SYSTEM

Number	18 x 5-tooth racks
Make	GustoMSC
Drive	AC electric

### CANTILEVER(to support Main Crane)

Length x Breadth x Height	26.8m x 16m x 10m
Max. Longitudinal Reach	16.76m

### ACCOMMODATION

Single/Double berth cabins for	354 persons
Life Saving equipment for	375 persons

### DECK CRANES

Main Crane	1x200t@15m
Auxiliary Crane (PS)	1x50t@10m
Auxiliary Crane (SB)	1x50t@10m

### DIESEL GENERATOR SETS

Main Generator Set	4 x 800ekw, 690v, 60hz, 1800rpm,
Emergency Generator Sets	1 x 500ekw, 690v, 60hz, 1800rpm,

### LIFE-SAVING EQUIPMENT

Lifeboats	6 x 150 persons
Fast Rescue Craft	1 x 6 persons
Life Rafts	30 x 25 persons

