

AL KASER: TYPE A OFFSHORE STIMULATION

MARINE SPECIFICATIONS

Length	196 FEET
Breadth	50 FEET

MACHINERY & EQUIPMENT:

MAIN ENGINE	2 CAT x 2500 BHP, 3516C
BOW THRUSTERS	2 x 600 HHP Tunnel Thrusters
GENERATORS	4 x 679 BHP - 3 PHASE - CATERPILLAR, C18- 60 Hz
SPEED	13.0 Knots @ 100 % MC
FIRE FIGHTING & LSA EQUIPMENT	Fi-Fi : Class 1
FUEL PUMP	1 x 150 M ³ / HR @ 80 M HEAD
FRESH WATER / DRILL WATER PUMP	2 x 100 M3 / HR @ 80 M HEAD

DECK & AUX. EQUIPMENT

ANCHORS	2 x 1200 Kgs HHP
CHAIN	34mm U2 grade Tot 412.5 M
ANCHOR/ MOORING WINDLASS	1 x 5t @ 12m/Min C/W warping Heads
CAPSTANS	2 x 5t @ 15m/min
DECK CRANES	18 @ 12 M (Domestic)
PEDESTAL CRANE	40 T @ 6.5 M / 3 T @ 40 M

DP MARINE TECHNOLOGY, C Pos DPS-2 (Following Reference Systems):

GYRO COMPASS	2
JOY STICK	3
DGPS	2
RADIUS	1

FLUID STORAGE CAPACITIES:

FUEL OIL	138,177 USG
FRESH WATER	97,754 USG
WATER BALLAST/DRILL WATER	158,520 USG
32% HCL ACID STORAGE (BELOW DECK)	63,280 USG
2 tanks x 15,000 USG each (Vertical) -	30,000 USG
1 tank x 11,780 USG each (Vertical) -	11,780 USG
2 tanks x 10,750 USG each (Horizontal) -	21,500 USG

STIMULATION EQUIPMENT ON DECK:

HIGH PRESSURE PUMPING UNITS	2 x 600 HHP
HIGH PRESSURE PUMPING UNITS	2 x 2,250 HHP
ACID BATCH MIXER – TWIN TANK x 100 BBLS EA	8,400 USG
CHEMI. STORAGE & SUPPLY SYSTEM 6 TANKS x 1000 USG	6,000 USG
TWIN POD FILTER UNIT	500 GPM
SYSTEM CONTROL CABIN	AUTO SYSTEM CONTROL AND DAS
HYDRAULIC QUICK DISCONNECT COUPLING	3", 15,000 PSI
HIGH PRESSURE COFLEXIP HOSE	3" ID FIG 1502 ENDS - 15,000 PSI WP - 150 FT LONG
HIGH PRESSURE NITROGEN PUMPING UNIT	180,000 SCFH
LIQUID NITROGEN STORAGE TANKS	UP TO 12,000 USG LIQUID N2