

# Utility Barge OCS UB-01 "Miss Pennie"



OCS UB-01 "Miss Pennie" is a purpose built shallow water barge, 200ft x 55ft x 10ft. The barge is designed to provide holistic solutions for near shore shallow/medium water depth shore approach, trenching, pipelay and general marine facility projects. Vessel operations are complemented by a below deck mooring system, independently operated spud piles, crawler crane, pipe ramp/tension machine/ stinger, long boom excavators, trailing arm and all necessary equipment for operational support on marine projects.

## Registration

Vessel Name :	OCS UB-01 "Miss Pennie"
Owner :	PT Obor Cemerlang Samudera
Operator :	Offshore Construction Specialists
Official No./Flag :	2017 PPM No. 4418/L / Indonesia
Built/Year :	Indonesia 2017
Classification :	RINA Services S.p.A.
Gross Tonnage :	779 mT

## Principal Hull Particulars

Length Overall :	60.96 m (200')
Breadth at Midship :	16.76 m (55')
Depth at Midship :	3.05 m (10')
Max Draft :	1.99 m
Min Operating Draft :	1.40 m
Deck Loading :	10 mT/m <sup>2</sup>
Deck Crawler Crane :	150 mT weight (tracking on barge)
Deck Crane Weight :	250 mT weight (fixed on barge)

## Tow & Mooring

9 point Mooring System c/w Central Control Anchor Winch (Below Deck) :	6 x 10 mT @ 6m/min and 3 x 25 mT @ 3 m/min
AGR :	25 mT
Anchor :	8 x 1.5 mT, 3 x 3 mT DF
Wire Rope :	9 x 28/32 mm x 1000 m
Towing Gear :	Towing Bridle 2 x 2.16 in x 20 ft
Independent Spud Piles :	4 nos. x 24" / 30"

## Communication & Navigation

Sat com :	Fax / Phone / Email
Radios :	SSB, VHF
Gyro Compass:	1 ea. "Sperry" FR2115

## Personnel Facilities

Accommodation, Galley & Mess, Field Engineers Office :	Up to 52 men
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## Crawler Crane

Capacity :	90 mT
Boom Length :	27 metres

## Tanks

Fuel :	4 x 18 m <sup>3</sup>
Fresh Water :	4 x 26.5 m <sup>3</sup>

## Power Train

Generator :	2 x 300KVA, 1 x 225 KVA and 1 x 25KVA
Compressors :	1 x 1075 cfm (350 psi) and 1 x 375 cfm (120 psi)
Air Receiver Tanks :	2 x 21 m <sup>3</sup>

## Safety Equipment

Life Raft :	1 x 25 men
Work boat :	Work boat with 2 x 37 HP outboard diesel engine

## Knuckle Boom

Max Moment :	32 mT.m
Horizontal Extension :	15.0m
Vertical Extension :	15.0m
Angle of Rotation :	360° / Unlimited

## In-house Support Equipment

Welding Machines :	6 x 500 AMPS Miller (3 in 1, SMAW, TIG, MIG)
Excavators :	2 Unit of Caterpillar 390 Excavators with Long Booms (14m operating depth) and 2.0 m <sup>3</sup> Buckets
Trailing Trenching Arm :	Trailing arm can be configured into pre- trenching and post-trenching modes with hi spec complementary equipment
Survey and Positioning :	DGPS Survey System for Barge and Tug Management
Davits :	4 x 25 mT

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