



Cybermarine





Through the last 20 years, we at CYBERMARINE have been at the fore front of developing designs and providing engineering for asset owners, empowering shipyards and ship repair entities in adding value to them. 'Our Client's success is our success' continues to be at the core of our CYBERMARINE'S Organisational belief.

Our design and Engineering takes into consideration our clients' challenges who till date have empowered and comfortable in discussing their technical needs with us. We at CYBERMARINE have been able to take inputs from our Clients' Financial, Operational and Technical teams and come up with solutions which have always been a success for every vertical within our Clients' organisation. We understand and appreciate that Organisations increasingly look upon our Design and Engineering as a solution to their perceived present and future business needs.

CYBERMARINE OFFSHORE TECHNOLOGIES, HOUSTON, U.S.A. commenced operation from our Houston office in October-2014 with a commitment to carry our business forward through our proven Organisational Belief System.

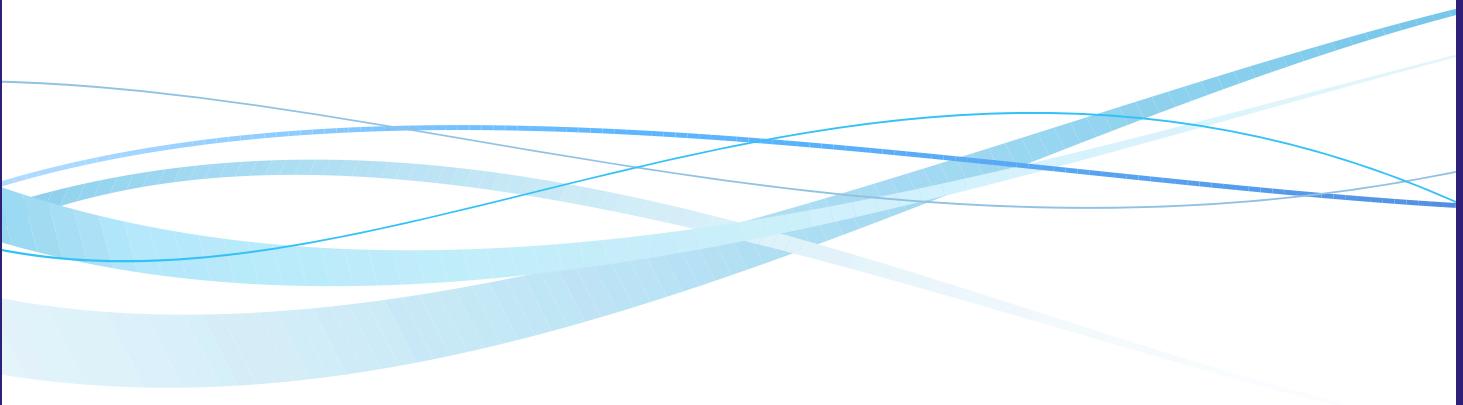
Call us. Tell us. Be rest assured that our team of 102 designers, engineers, draftsmen and others, will have the best solution to your Design and Engineering needs.

#### **Cybermarine Offshore Technologies LLC**

10101 Harwin Drive, Suite 250, Houston, Texas, 77036, USA. | O: +1-713-988-1784 | F: +1-713-988-1787 | C: +1-832-540-7738  
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# BARGES





**CYBERMARINE** is at the fore front of Design and Engineering in the following Barge Types:

**NEW DESIGNS / NEW BUILDS.**

1. DECK BARGES.
2. FREIGHT BARGES.
3. TANK BARGES.
4. CONTAINER BARGES. (REEFER AND NON-REFEER FEEDER BARGES).
5. CHEMICAL BARGES.
6. PRESSURE BARGES.
7. CNG & PROPANE BARGES.... Design Proposals are being worked upon.

**CONVERSIONS / UPGRADING / ASSESSMENT.**

**CYBERMARINE** has been able to assist Asset Owners with assessment of their existing older tonnage and convert them to suitable floating structures given their internal existing and/or alternative business needs.

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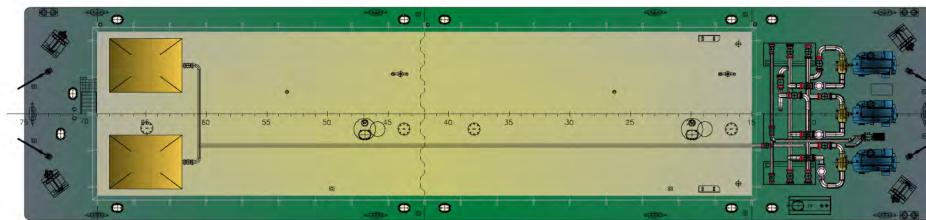
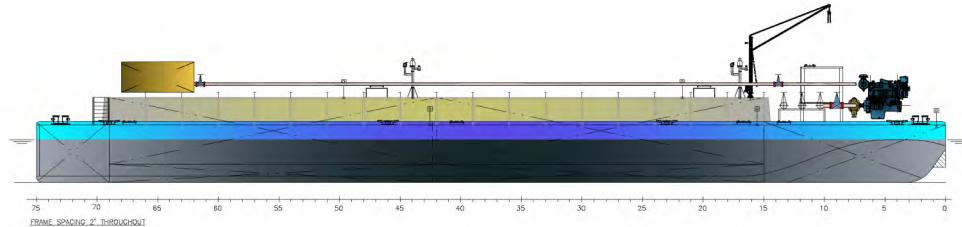
B A R G E S



# Cybermarine

## TANK BARGE

COT.BRG.001



LENGTH : 150 Ft.  
BREADTH : 35 Ft.  
DEPTH : 9.5 Ft.  
CAPACITY : 5,486 bbl  
NOT SELF PROPELLED  
UN-HEATED CARGO TANKS

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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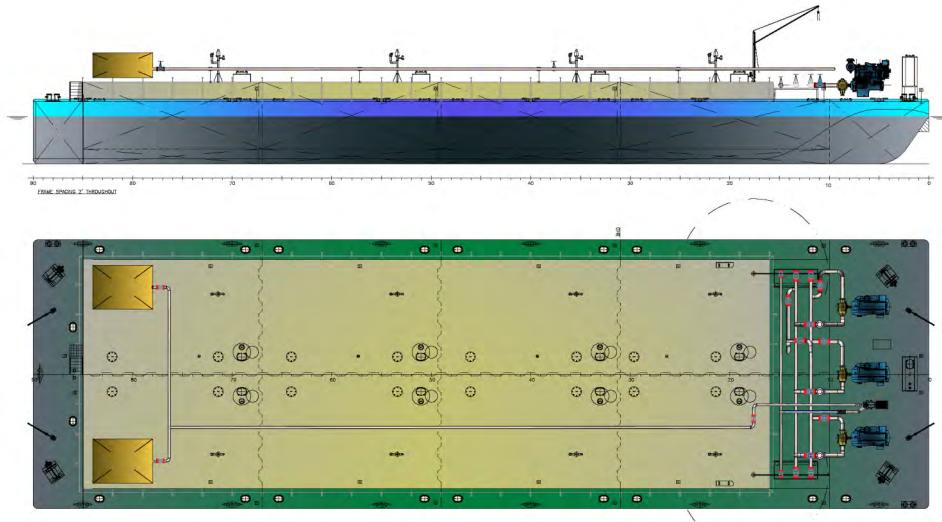
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B A R G E S



## TANK BARGE

COT.BRG.002



LENGTH	:	180 Ft.
BREADTH	:	54 Ft.
DEPTH	:	12.5 Ft.
CAPACITY	:	10,225 bbl
NOT SELF PROPELLED		
UN-HEATED CARGO TANKS		

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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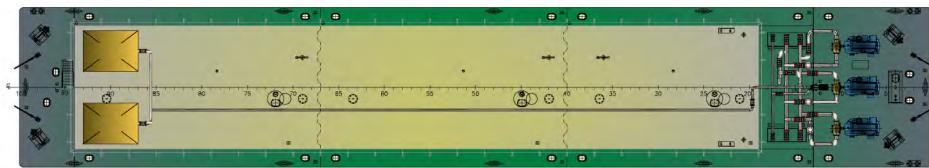
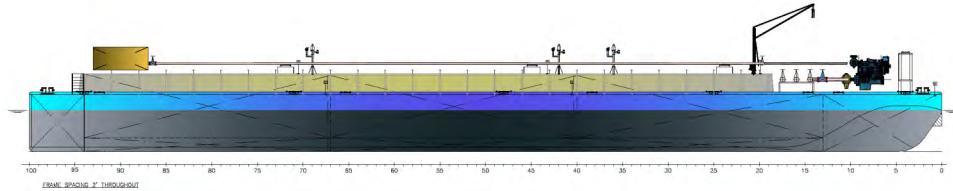
B A R G E S



# Cybermarine

## TANK BARGE

COT.BRG.003



LENGTH	:	200 Ft.
BREADTH	:	35 Ft.
DEPTH	:	12.5 Ft.
CAPACITY	:	10,225 bbl
NOT SELF PROPELLED		
UN-HEATED CARGO TANKS		

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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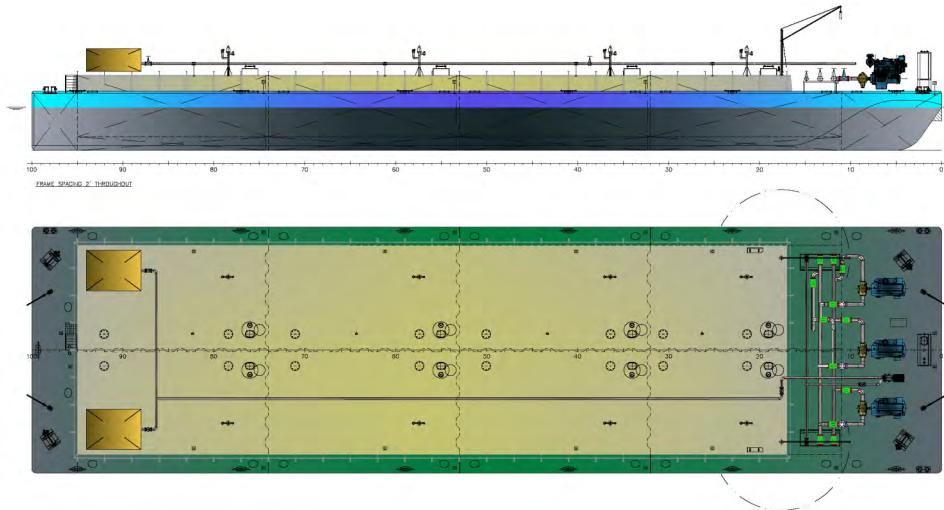
B A R G E S



# Cybermarine

## TANK BARGE

COT.BRG.004



LENGTH : 200 Ft.  
BREADTH : 54 Ft.  
DEPTH : 12.5 Ft.  
CAPACITY : 17,468 bbl  
NOT SELF PROPELLED  
UN-HEATED CARGO TANKS

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

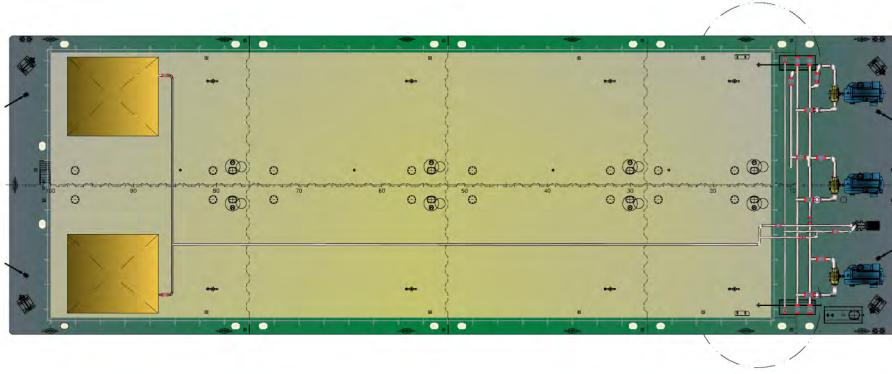
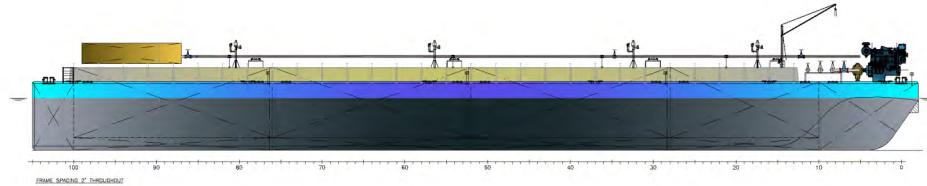
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B A R G E S



# Cybermarine



## TANK BARGE

COT.BRG.005

LENGTH	: 210 Ft.
BREADTH	: 72 Ft.
DEPTH	: 16 Ft.
CAPACITY	: 33,326 bbl
NOT SELF PROPELLED	
UN-HEATED CARGO TANKS	

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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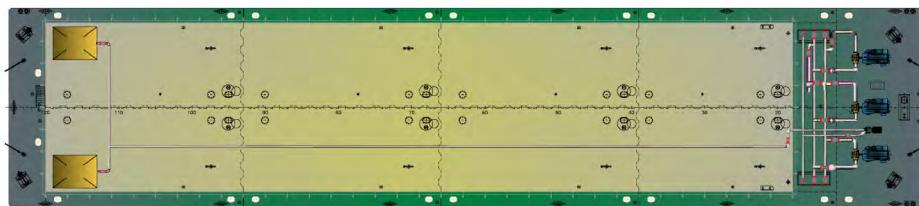
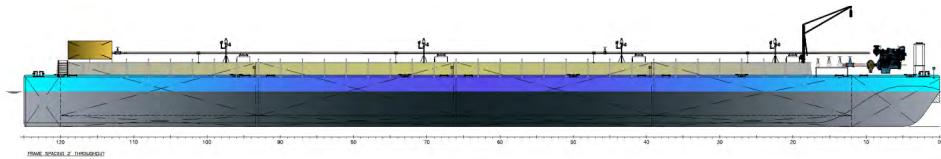
B A R G E S



# Cybermarine

## TANK BARGE

COT.BRG.006



LENGTH	: 250 Ft.
BREADTH	: 54 Ft.
DEPTH	: 13.5 Ft.
CAPACITY	: 24,266 bbl
NOT SELF PROPELLED	
UN-HEATED CARGO TANKS	

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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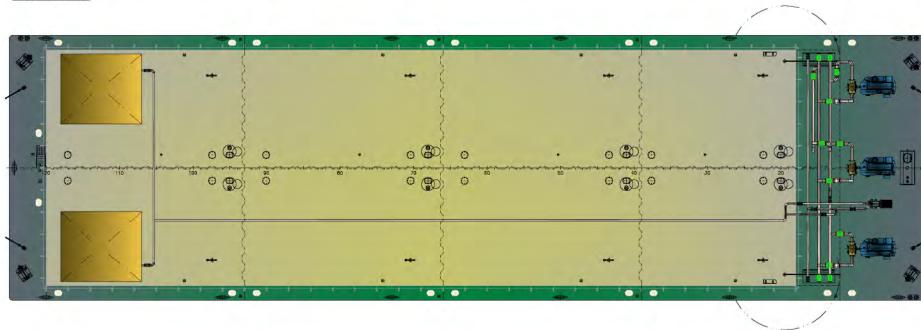
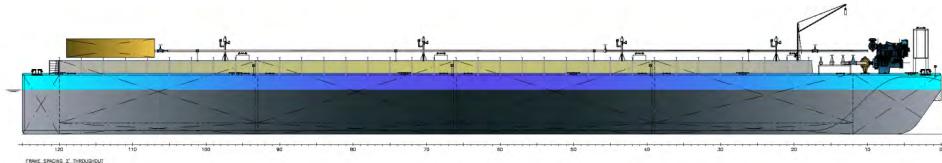
B A R G E S



# Cybermarine

## TANK BARGE

COT.BRG.007



LENGTH	: 250 Ft.
BREADTH	: 72 Ft.
DEPTH	: 16 Ft.
CAPACITY	: 39,673 bbl
NOT SELF PROPELLED	
UN-HEATED CARGO TANKS	

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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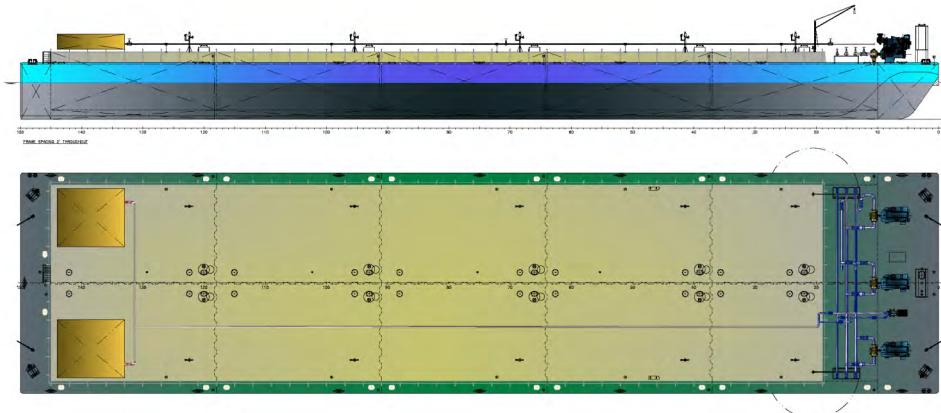
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B A R G E S



## TANK BARGE

COT.BRG.008



LENGTH : 300 Ft.  
BREADTH : 72 Ft.  
DEPTH : 18 Ft.  
CAPACITY : 55,372 bbl  
NOT SELF PROPELLED  
UN-HEATED CARGO TANKS

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

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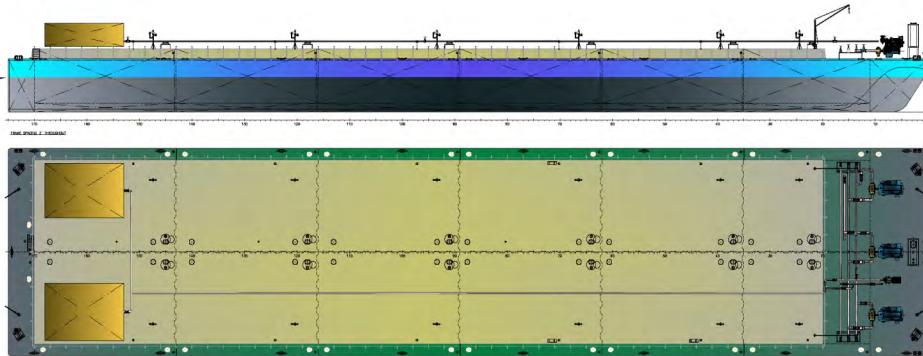
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B A R G E S



## TANK BARGE

COT.BRG.009



LENGTH : 350 Ft.  
BREADTH : 72 Ft.  
DEPTH : 18 Ft.  
CAPACITY : 65,356 bbl  
NOT SELF PROPELLED  
UN-HEATED CARGO TANKS

Custom made principal dimensions can be made to suit client requirement(s). Double hull, heated Cargo tanks design is also available. Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

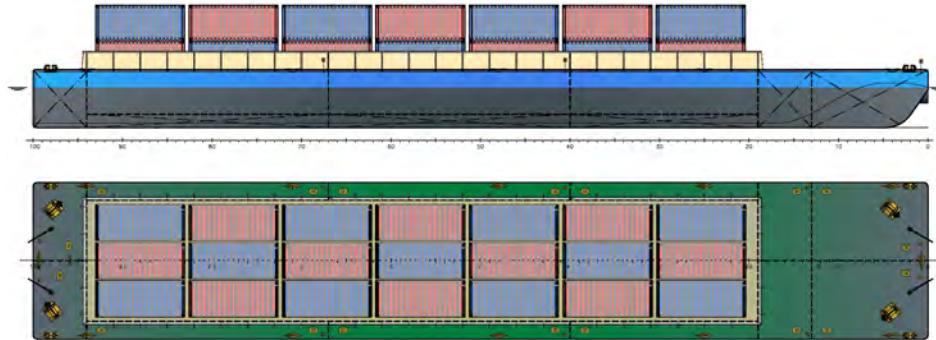
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B A R G E S

## CONTAINER BARGE

COT.BRG.010



LENGTH	: 350 Ft.
BREADTH	: 72 Ft.
DEPTH	: 18 Ft.
DRAFT	: 12 Ft.
CAPACITY	: 294 TEU
NOT SELF PROPELLED	

Custom made principal dimensions can be made to suit client requirement(s). Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

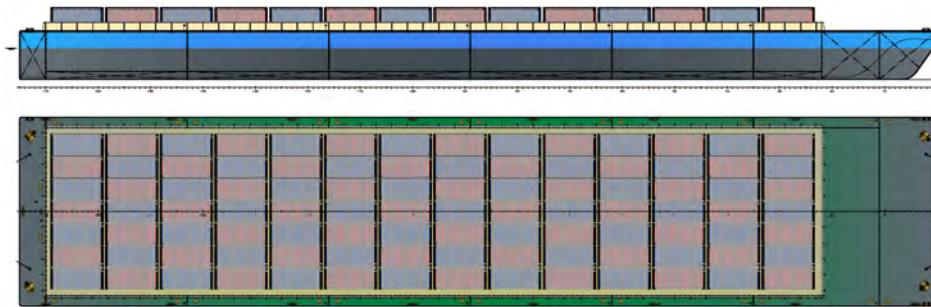
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## CONTAINER BARGE

COT.BRG.011



LENGTH	:	200 Ft.
BREADTH	:	35 Ft.
DEPTH	:	12.6 Ft.
DRAFT	:	9 Ft.
CAPACITY	:	63 TEU
NOT SELF PROPELLED		

Custom made principal dimensions can be made to suit client requirement(s). Design caters to better profile, adequate strength members and reduced light weight. Details available immediately upon request.

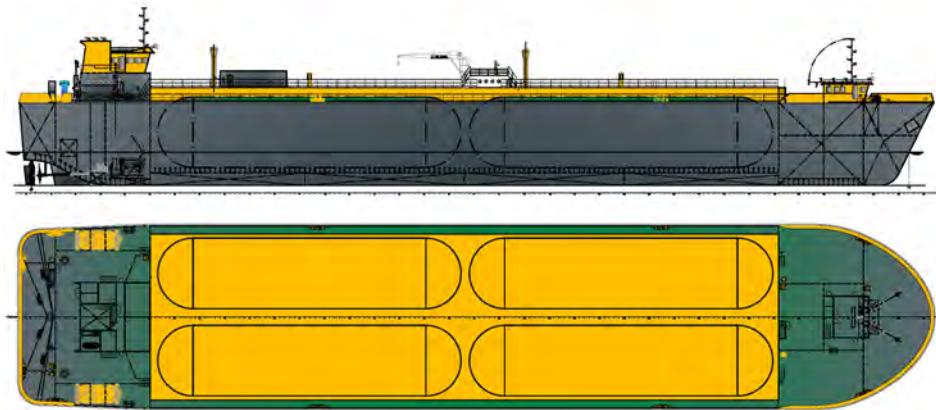
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B A R G E S

## PRESSURE BARGE

COT.BRG.012



LENGTH	: 370 Ft.
BREADTH	: 79 Ft.
DEPTH MLD	: 20 Ft.
DRAFT MLD	: 15.8 Ft.
DEADWEIGHT	: TBA
STEEL WEIGHT	: TBA
CAPACITY	: TBA
SELF PROPELLED	

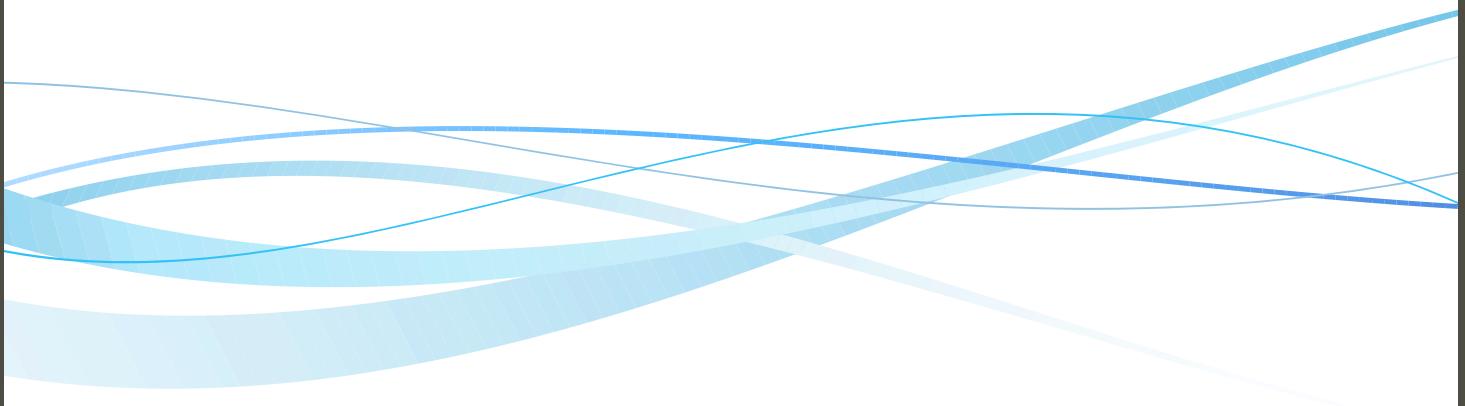
Custom made principal dimensions can be made to suit client requirement(s). Design for Un-propelled, ATB design and cargo quantity can be made as per Client's requirement. The design shown is currently for an Indonesian Owner. For carriage of Pressure cargo including Propane. Brief Proposed Design available immediately upon request.

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# TUG-TOW BOATS





**CYBERMARINE'S** Design and Engineering capabilities in the Tugs and Towboats segment has been considered to be one of excellence in the Middle-East and the SE-Asia markets. Our designs have focused on client perceived requirement, ease of handling and enhanced ergonomics.

Tugs-Towboats designs with Azipod Propulsion, Thrusters, Tractor tugs using Voith Schneiders and Rudder-props are available. Efficient proven designs has been our mainstay with a wide variety of principal dimensions.

At **Cybermarine** we realise the importance of appropriately powered Harbour Tugs with increased maneuvering characteristics as these are critical for safe berthing and un-berthing of ocean going vessels.

At **Cybermarine** we have capabilities to carry out entire design and engineering for retrofit, conversion and or modifications of existing Tugs-Towboat designs to enable our client comply with increasingly stringent Environment norms.

Allow us to deliver value and enable us be a partner in our Clients' success despite the challenges faced by Tug and Towboat owners.

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# Cybermarine

## HARBOUR TUG

COT.TUG.001



LENGTH OA	: 103.35 Ft.
BREADTH MLD	: 36.09 Ft.
DEPTH MLD	: 20.01 Ft.
DESIGN DRAFT	: 15.09 Ft.
BOLLARD PULL	: 65 T

### CLASS NOTATION:

Lloyds + 100A1 Tug, Fire Fighting  
Ship 1 with water spray, +LMC,  
UMS, IWS

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

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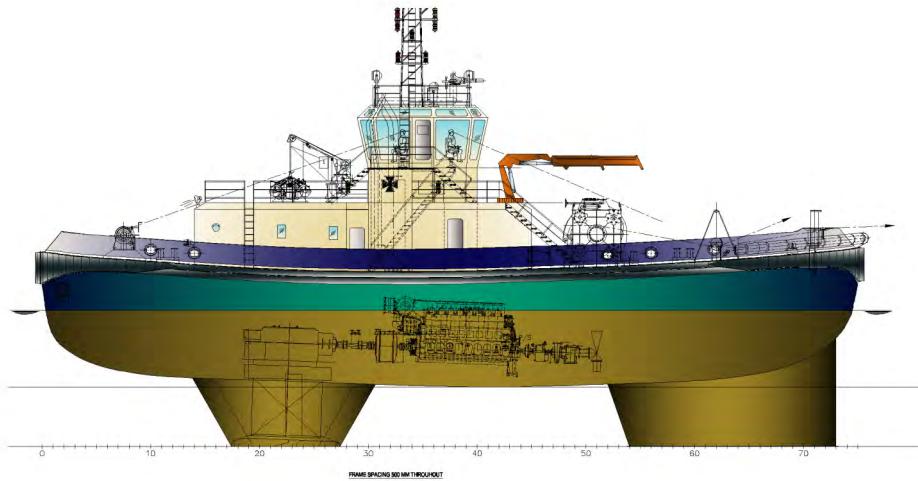
TUG-TOW BOATS



# Cybermarine

## TRACTOR TUG

COT.TUG.002



LENGTH OA	: 123.03 Ft.
BREADTH MLD	: 44.29 Ft.
DEPTH MLD	: 17.38 Ft.
DESIGN DRAFT	: 11.48 Ft.
BOLLARD PULL	: 70 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

**Cybermarine Offshore Technologies LLC**

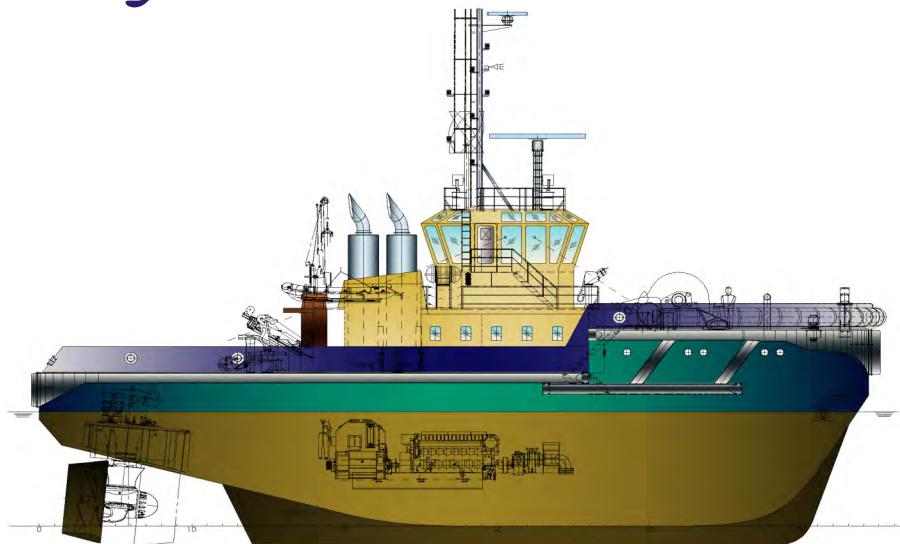
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T U G - T O W B O A T S



## AZIMUTH FP

COT.TUG.003



LENGTH OA	:	109.25 Ft.
BREADTH MLD	:	42.65 Ft.
DEPTH MLD	:	20.01 Ft.
DESIGN DRAFT	:	18.47 Ft.
BOLLARD PULL	:	80 T

### CLASS NOTATION:

LR + 100A1 Escort Tug Fire Fighting  
Ship 1 ( 2400 m<sup>3</sup> hr with water  
spray) IWS + LMC, UMS

Tug meets DNV rules for towing  
vessels.

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth FP propulsion for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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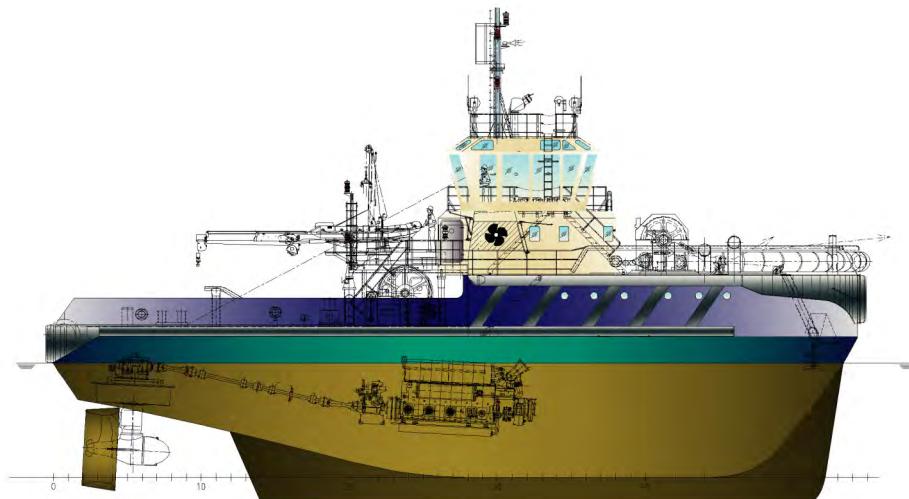
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TUG-TOW BOATS



## AZIMUTH FP

COT.TUG.004



LENGTH OA	:	109.25 Ft.
BREADTH MLD	:	42.65 Ft.
DEPTH MLD	:	20.01 Ft.
DESIGN DRAFT	:	18.47 Ft.
BOLLARD PULL	:	75 T

### CLASS NOTATION:

LR + 100A1 Escort Tug Fire Fighting  
Ship 1 ( 2400 m<sup>3</sup> hr with water  
spray) \*IWS, <ECO(A, GW, IHM,  
NOx2, OW, P, R Sox)>, WDL (5t/m<sup>2</sup>  
from AFT to Fr 21 ) <<\*LMC,  
UMS>>

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth FP propulsion for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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T U G - T O W B O A T S



# Cybermarine

## AZIMUTH FP

COT.TUG.005



LENGTH OA	: 109.25 Ft.
BREADTH MLD	: 38.06 Ft.
DEPTH MLD	: 18.70 Ft.
DESIGN DRAFT	: 14.76 Ft.
BOLLARD PULL	: 80 T

#### CLASS NOTATION:

LR + 100A1 Escort Tug Fire Fighting  
Ship 1 ( 2400 m<sup>3</sup> hr with water spray)  
IWS + LMC, UMS. Tug meets DNV  
rules for towing vessels.

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth FP propulsion for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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TUG-TOW BOATS



# Cybermarine

## TRACTOR TUG

COT.TUG.006



LENGTH OA	: 123.03 Ft.
BREADTH MLD	: 44.29 Ft.
DEPTH MLD	: 26.41 Ft.
DESIGN DRAFT	: 23.80 Ft.
BOLLARD PULL	: 70 T

### CLASS NOTATION:

LR + 100A1 Escort Tug (140, 150, 10,30), IWS, Fire Fighting Ship 1 with water spray, Ice Class 1C, Unrestricted Service – for World Wide Service.

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Voith Schneider Propeller (TRACTOR TUGS) via shafting for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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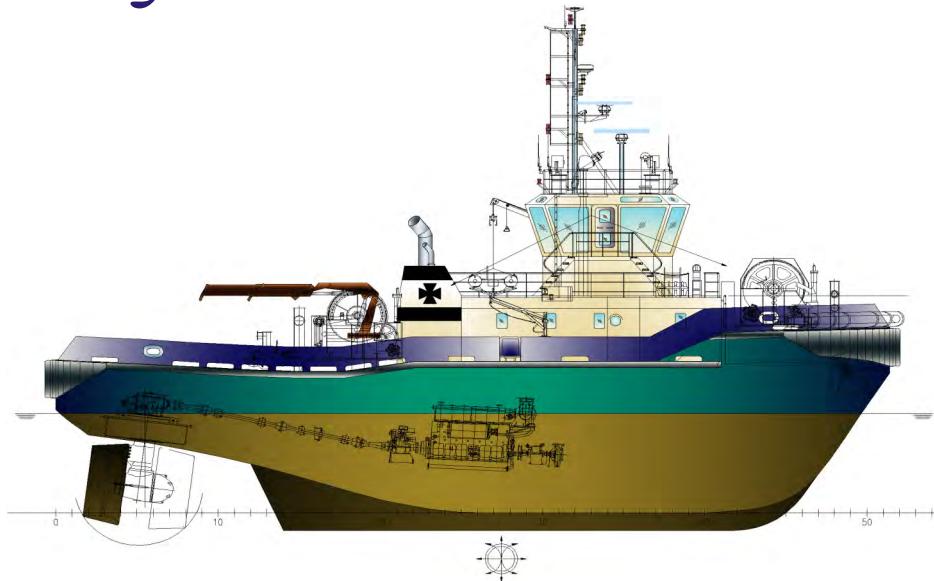
TUG-TOW BOATS



# Cybermarine

## AZIMUTH CP

COT.TUG.007



LENGTH OA	: 103.35 Ft.
BREADTH MLD	: 36.09 Ft.
DEPTH MLD	: 18.70 Ft.
DESIGN DRAFT	: 13.12 Ft.
BOLLARD PULL	: 65 T

### CLASS NOTATION:

Lloyds + 100A1 Tug, Fire Fighting Ship 1 with water spray, +LMC, UMS, IWS

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth Thruster Propeller with CP enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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TUG-TOW BOATS



## AZIMUTH FP

COT.TUG.008



LENGTH OA	: 109.25 Ft.
BREADTH MLD	: 42.65 Ft.
DEPTH MLD	: 20.01 Ft.
DESIGN DRAFT	: 17.70 Ft.
BOLLARD PULL	: 80 T

### CLASS NOTATION:

Lloyds +100A1 Escort, Tug, Fire Fighting Ship 1 with water spray + LMC, UMS, IWS or Equivalent.

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and FP Azimuth Thruster Propeller with shafting and enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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T U G - T O W B O A T S



# Cybermarine



## TRACTOR TUG

COT.TUG.009

LENGTH OA	: 103.35 Ft.
BREADTH MLD	: 36.09 Ft.
DEPTH MLD	: 20.01 Ft.
DESIGN DRAFT	: 15.09 Ft.
BOLLARD PULL	: 65 T

### CLASS NOTATION:

Lloyds + 100A1 Tug, Fire Fighting Ship 1 with water spray, +LMC, UMS, IWS

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and FP Azimuth Thruster Propeller with shafting and enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

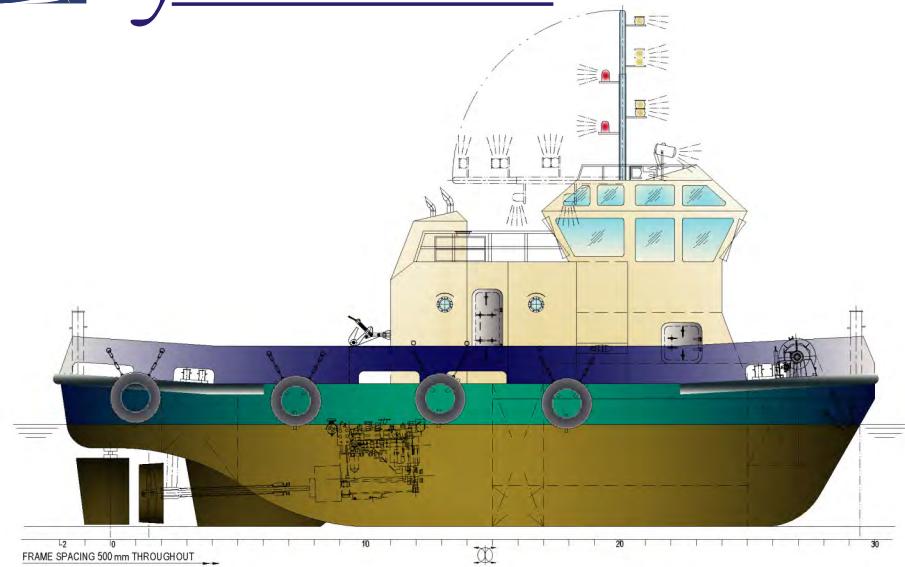
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TUG-TOW BOATS



# Cybermarine



## HARBOR TUG

### COT.TUG.010

LENGTH OA	: 52.49 Ft.
BREADTH MLD	: 19.68 Ft.
DEPTH MLD	: 9.18 Ft.
DESIGN DRAFT	: 6.56 Ft.
BOLLARD PULL	: 10 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

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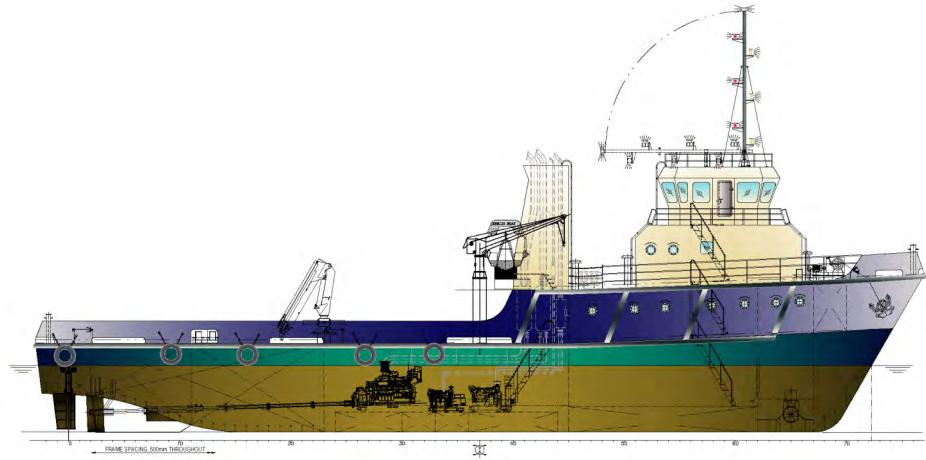
TUG-TOW BOATS



# Cybermarine

## HARBOR TUG

COT.TUG.011



LENGTH OA	: 131.23 Ft.
BREADTH MLD	: 31.16 Ft.
DEPTH MLD	: 13.12 Ft.
DESIGN DRAFT	: 9.84 Ft.

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

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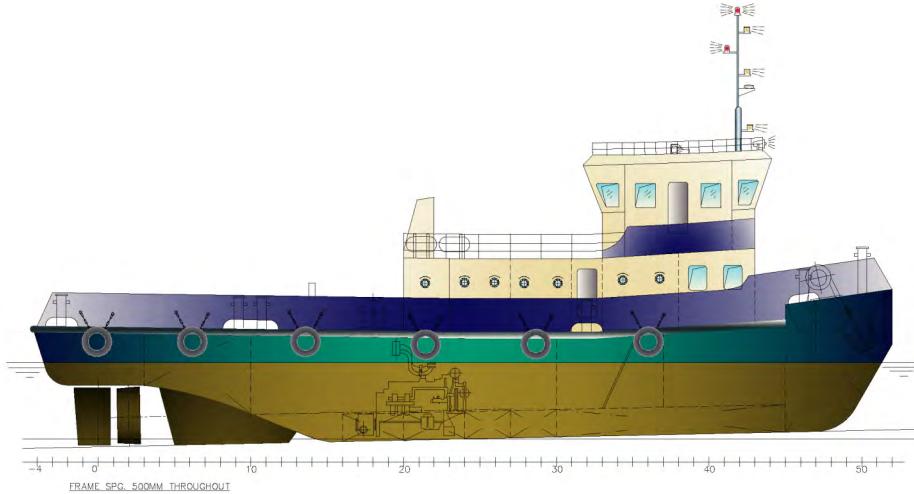
TUG-TOW BOATS



# Cybermarine

## HARBOR TUG

COT.TUG.012



LENGTH OA	: 91.86 Ft.
BREADTH MLD	: 26.90 Ft.
DEPTH MLD	: 11.48 Ft.
DESIGN DRAFT	: 8.20 Ft.
BOLLARD PULL	: 20 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

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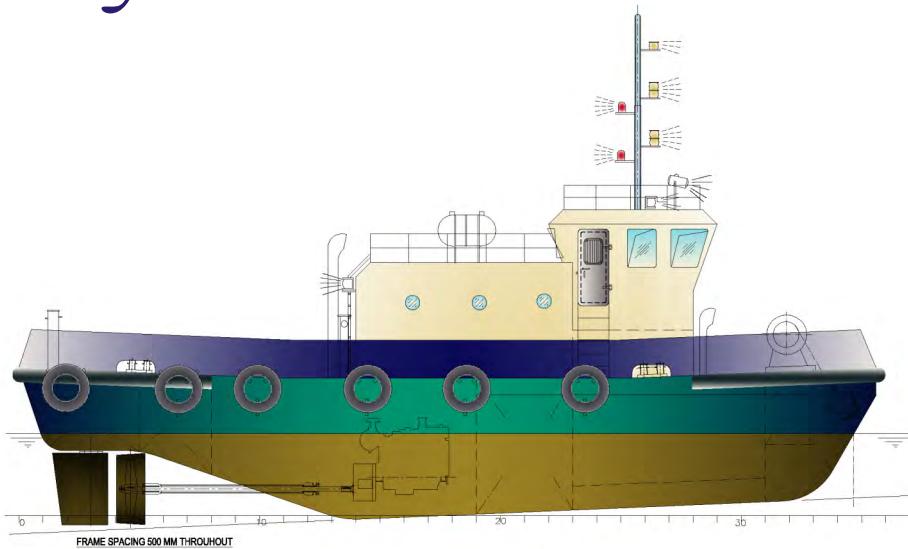
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TUG-TOW BOATS



## HARBOR TUG

### COT.TUG.013



LENGTH OA	: 58.39 Ft.
BREADTH MLD	: 19.68 Ft.
DEPTH MLD	: 9.18 Ft.
DESIGN DRAFT	: 5.90 Ft.
BOLLARD PULL	: 7.5 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

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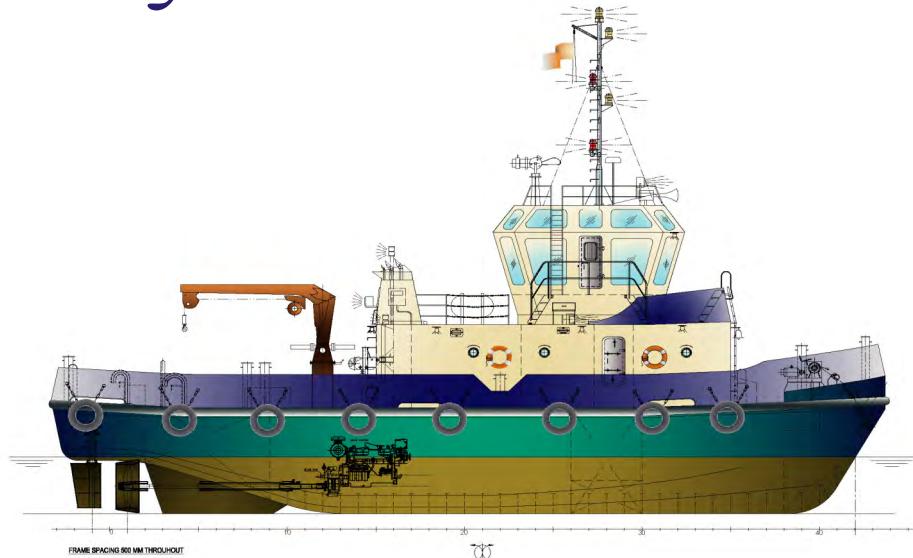
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TUG-TOW BOATS



# Cybermarine

TUG-TOW BOATS



## HARBOR TUG

COT.TUG.014

LENGTH OA	: 77.09 Ft.
BREADTH MLD	: 25.59 Ft.
DEPTH MLD	: 10.49 Ft.
DESIGN DRAFT	: 5.57 Ft.
BOLLARD PULL	: 12 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth thruster for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including 'LNG ready' and yard minor limitations. Details available immediately upon request.

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# Cybermarine

## HARBOR TUG

COT.TUG.015



LENGTH OA	: 123.03 Ft.
BREADTH MLD	: 44.29 Ft.
DEPTH MLD	: 26.41 Ft.
DESIGN DRAFT	: 23.80 Ft.
BOLLARD PULL	: 70 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Voith Schneider Propeller (TRACTOR TUGS) via shafting for enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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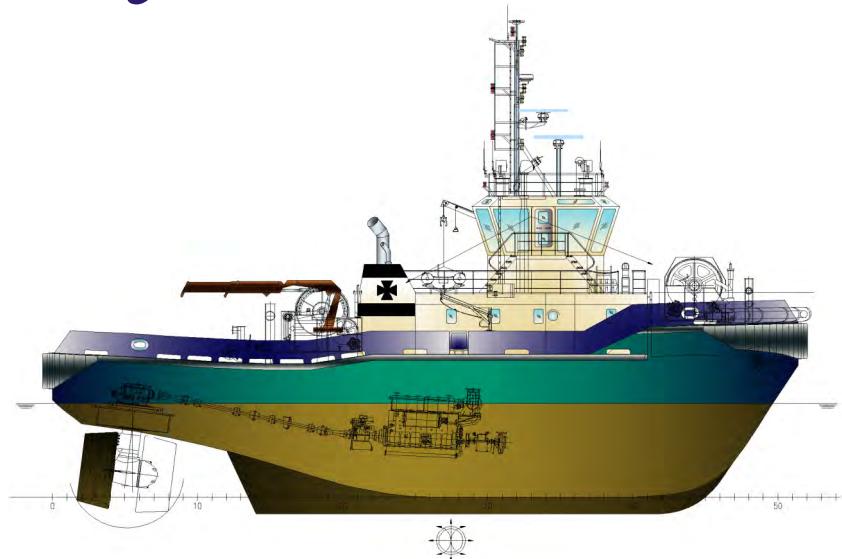
TUG-TOW BOATS



# Cybermarine

## HARBOR TUG

COT.TUG.016



LENGTH OA	: 103.35 Ft.
BREADTH MLD	: 36.09 Ft.
DEPTH MLD	: 18.70 Ft.
DESIGN DRAFT	: 13.12 Ft.
BOLLARD PULL	: 65 T

### CLASS NOTATION :

Lloyds + 100A1 Tug, Fire Fighting  
Ship 1 with water spray, +LMC,  
UMS, IWS

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and Azimuth Thruster Propeller with CP enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

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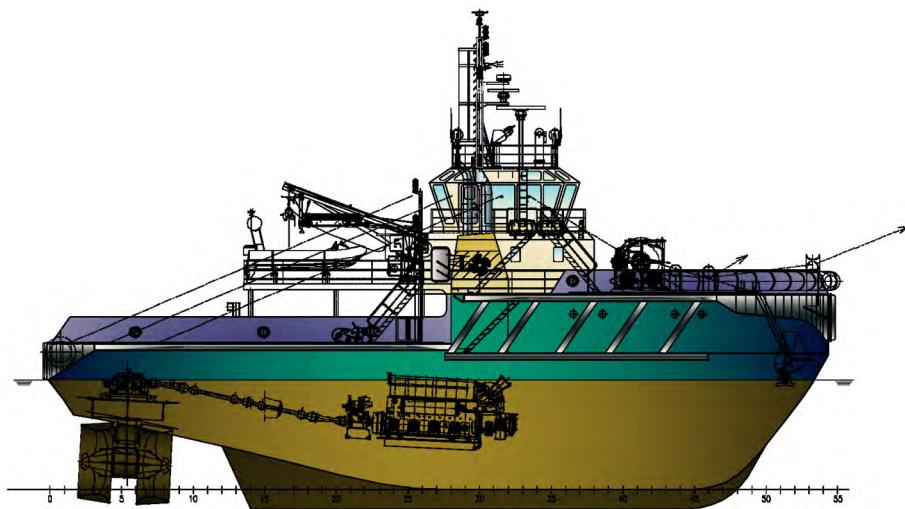
TUG-TOW BOATS



# Cybermarine

## HARBOR TUG

COT.TUG.017



LENGTH OA	: 109.25 Ft.
BREADTH MLD	: 42.65 Ft.
DEPTH MLD	: 20.01 Ft.
DESIGN DRAFT	: 17.7 Ft.
BOLLARD PULL	: 80 T

Proven design Tugs. The design includes operational ergonomics, enhanced safety features and FP Azimuth Thruster Propeller with shafting and enhanced maneuverability. Equipments fitted on board owner's option. Custom dimensions can be made to suit client requirement(s), including change in propulsion, preferred class (ABS), 'LNG ready' and yard minor limitations. Details available immediately upon request.

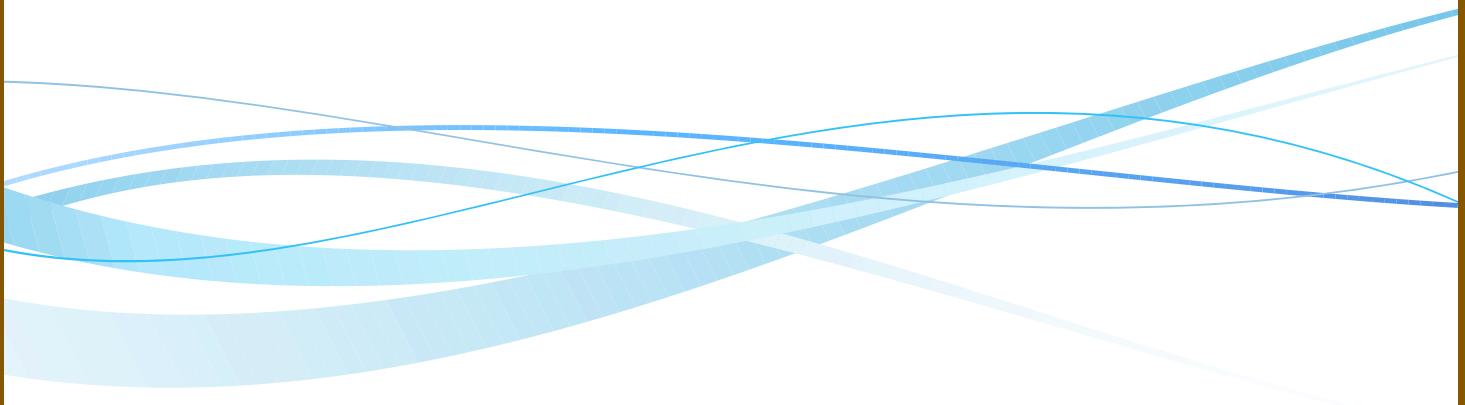
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TUG-TOW BOATS



# DREDGERS





**CYBERMARINE** for the last 20 years, has been involved with Design and Engineering of Dredgers to enable clients operate their dredgers in a variety of environmental conditions and challenges.

#### **NEW DESIGNS / NEW BUILDS.**

1. MODULAR DREDGERS.
2. SCOOP DREDGERS.
3. CUTTER SUCTION DREDGERS.
4. BUCKET DREDGERS.

#### **CONVERSIONS / UPGRADING / ASSESSMENT.**

**CYBERMARINE** has been associated with Dredger Owners to enable upgrade their maritime assets for various environmental conditions. Increasing 'ladder length', increasing 'dredger output', converting existing older barges to convert to Dredging assets to suit owners' short and long term business needs.



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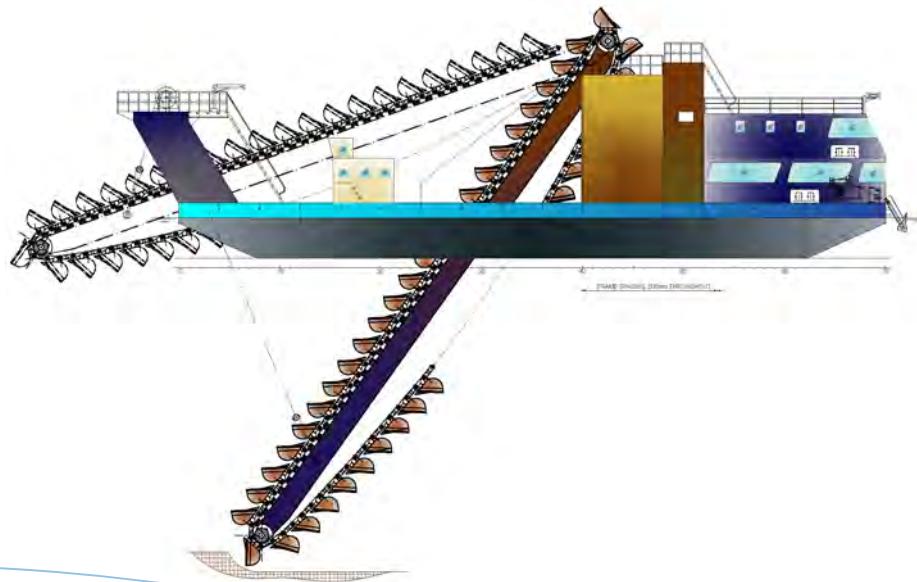
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# Cybermarine

## BUCKET DREDGER

COT.DRG.001



LENGTH	: 114.82 Ft.
BREADTH	: 29.52 Ft.
DEPTH	: 9.02 Ft.
DRAFT	: 6.56 Ft.
COMPLEMENT	: 8 PERSONS
NOT SELF PROPELLED	

Proven Dredger design. Made specific for water depth and current. Self-Propelled or Un-Propelled options are available depending on client's requirement. Details available immediately upon request.

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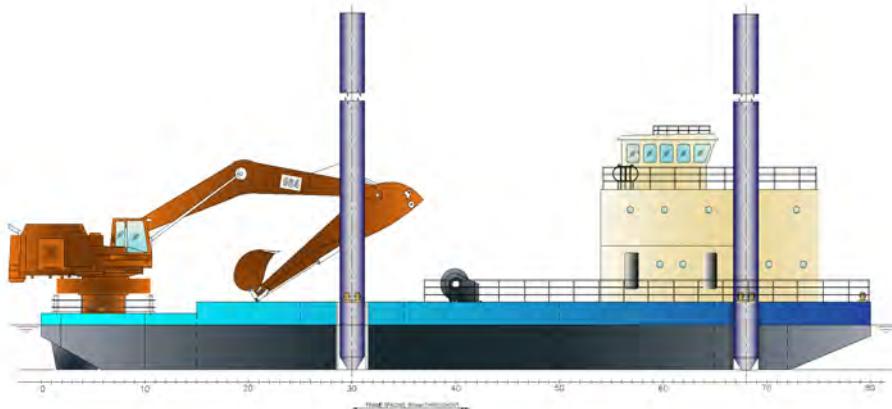
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D R E D G E R S



## GRAB DREDGER

COT.DRG.002



LENGTH	: 131.23 Ft.
BREADTH	: 41.01 Ft.
DEPTH	: 9.84 Ft.
DRAFT	: 6.56 Ft.
NOT SELF PROPELLED	
UN-HEATED CARGO TANKS	

Proven Dredger design. Made specific for water depth and current. Self-Propelled or Un-Propelled options, spud operation and design, Crew Accommodation and others, are available depending on client's requirement. Details available immediately upon request.

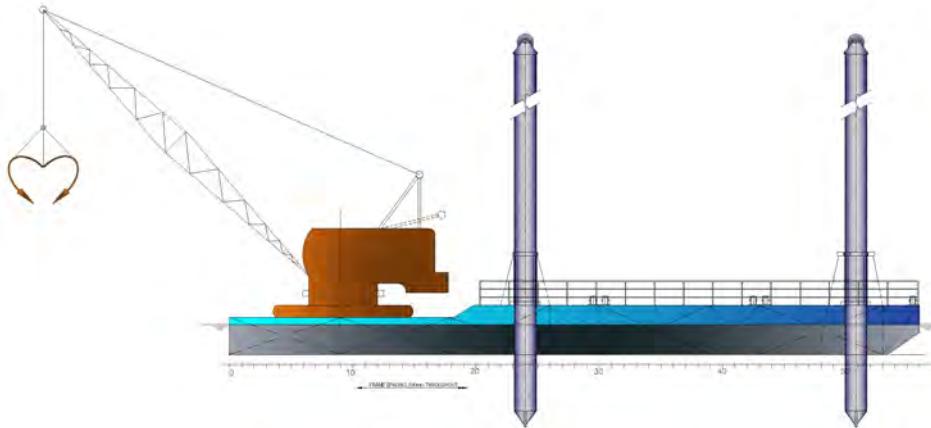
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D R E D G E R S

## SPUD BARGE

COT.DRG.003



LENGTH	: 91.86 Ft.
BREADTH	: 42.65 Ft.
DEPTH	: 6.56 Ft.
DRAFT	: 3.93 Ft.
NOT SELF PROPELLED	

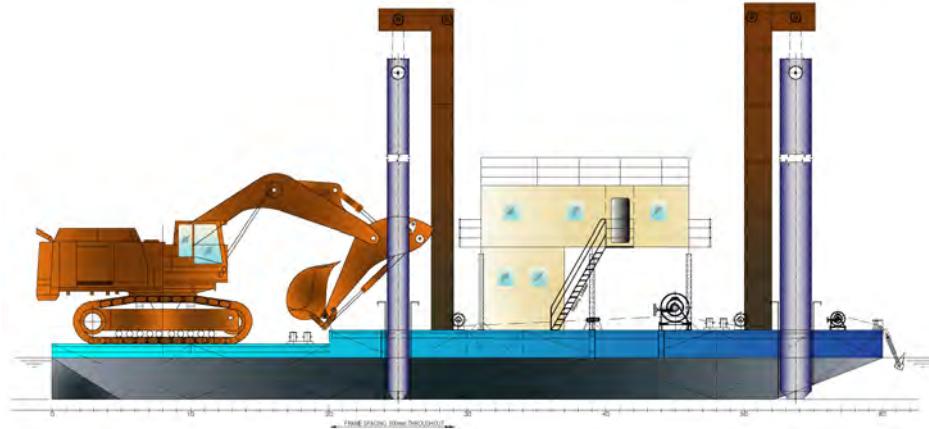
Proven Dredger design. Made specific for water depth and current. Self-Propelled or Un-Propelled options, spud operation and design, Crew Accommodation, suitability of max capability crawler crane(s) and others, are available depending on client's requirement. Details available immediately upon request.

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## SPUD BARGE

COT.DRG.004



LENGTH	: 98.42 Ft.
BREADTH	: 36.08 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.92 Ft.
NOT SELF PROPELLED	

Proven Dredger design. Made specific for water depth, wind (20 Kn) and current (4 Kn). Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and accommodation conditions can be made/modified. Details available immediately upon request.

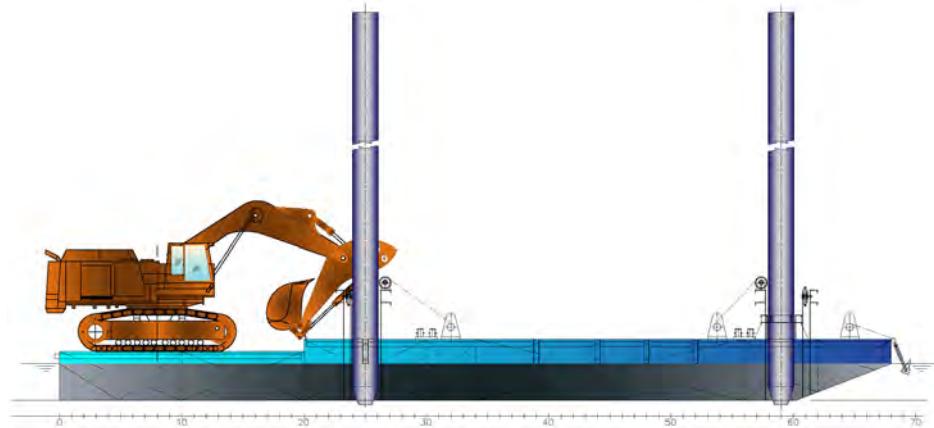
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## SPUD BARGE

COT.DRG.005



LENGTH	: 111.54 Ft.
BREADTH	: 36.08 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.92 Ft.
NOT SELF PROPELLED	

Proven Dredger design. Made specific for water depth, wind (20 Kn) and current ( 6 Kn ). Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and accommodation conditions can be made/modified. Details available immediately upon request.

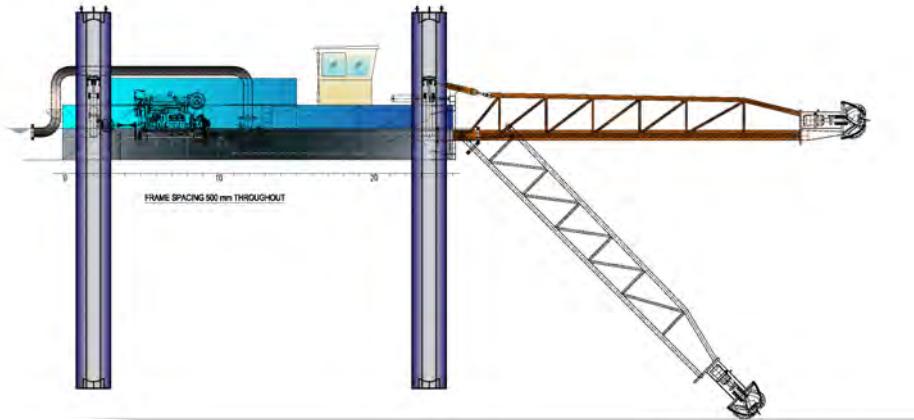
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D R E D G E R S

## CUTTER SUCTION

COT.DRG.006



LENGTH	: 41.01 Ft.
BREADTH	: 13.12 Ft.
DEPTH	: 5.74 Ft.
DRAFT	: 3.28 Ft.
NOT SELF PROPELLED	

Proven Dredger design. Made specific for water depth and dredge capacity. Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and Crew accommodation, ladder length, engine and pump power and others can be made. Details available immediately upon request.

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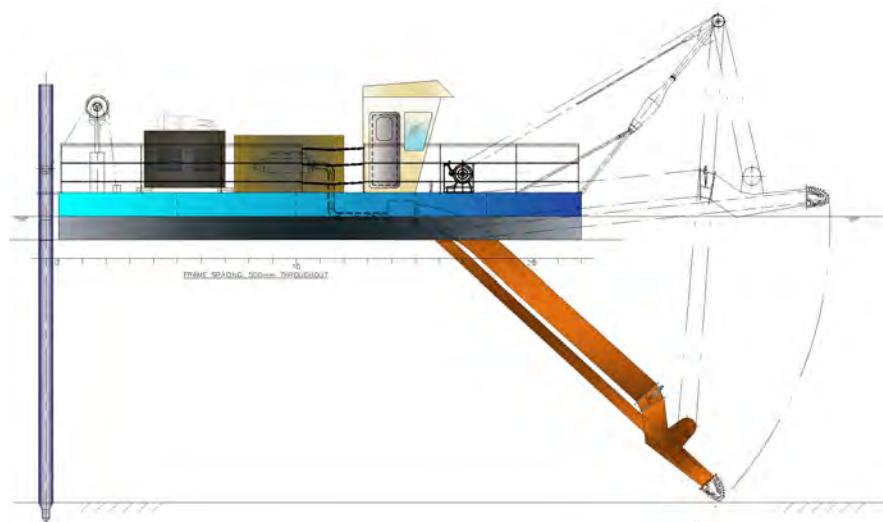
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# Cybermarine

## CUTTER SUCTION

COT.DRG.007



LENGTH	: 36.08 Ft.
BREADTH	: 13.12 Ft.
DEPTH	: 3.28 Ft.
DRAFT	: 1.64 Ft.
NOT SELF PROPELLED	

Proven Dredger design. Made specific for water depth and dredge capacity. Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and Crew accommodation, ladder length, engine and pump power and others can be made. Details available immediately upon request.

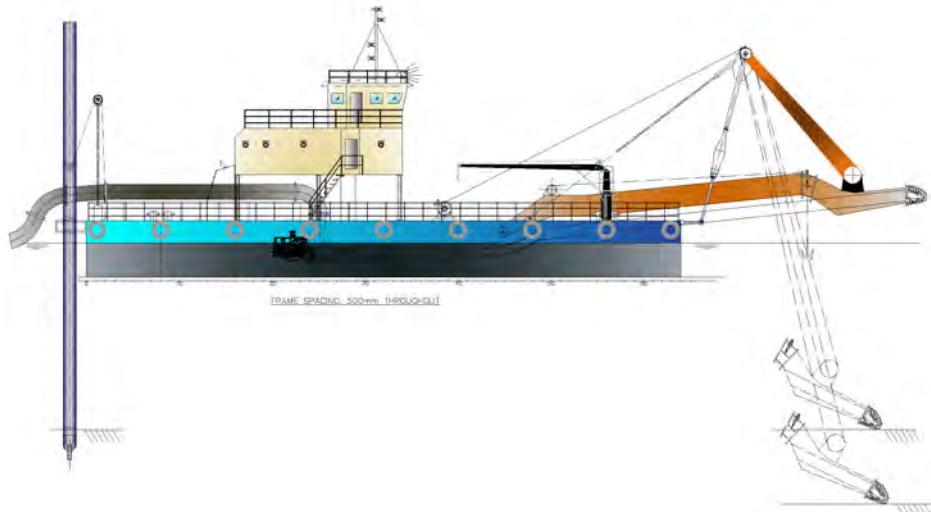
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D R E D G E R S

## CUTTER SUCTION

COT.DRG.008



LENGTH	: 104.98 Ft.
BREADTH	: 49.21 Ft.
DEPTH	: 9.84 Ft.
DRAFT	: 5.90 Ft.
NOT SELF PROPELLED	

Proven Dredger design. Made specific for water depth and dredge capacity. Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and Crew accommodation, ladder length, engine and pump power and others can be made. Details available immediately upon request.

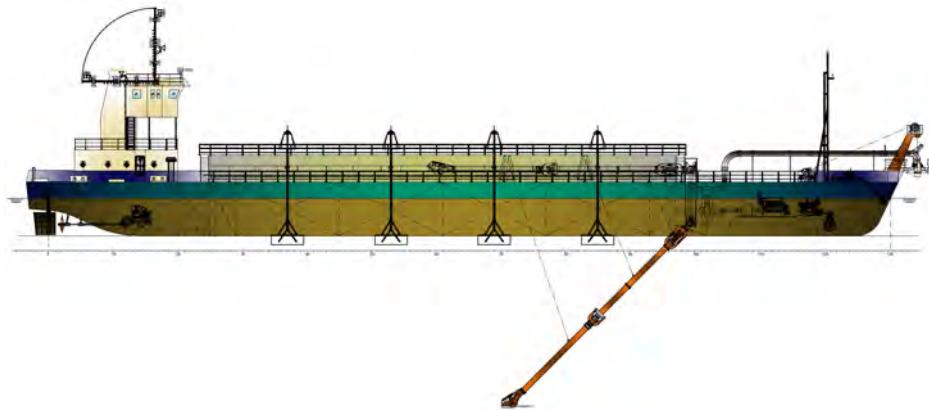
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## TRAILING SUCTION HOPPER

COT.DRG.009



LENGTH	: 267.38 Ft.
BREADTH	: 52.49 Ft.
DEPTH	: 16.40 Ft.
DRAFT	: 11.48 Ft.
COMPLEMENT	: 16 PERSONS
CAPACITY	: 2000 CU.MTRS
SELF PROPELLED	

Proven Dredger design. Made specific for water depth and dredge capacity. Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and Crew accommodation, ladder length, engine and pump power and others can be made. Details available immediately upon request.

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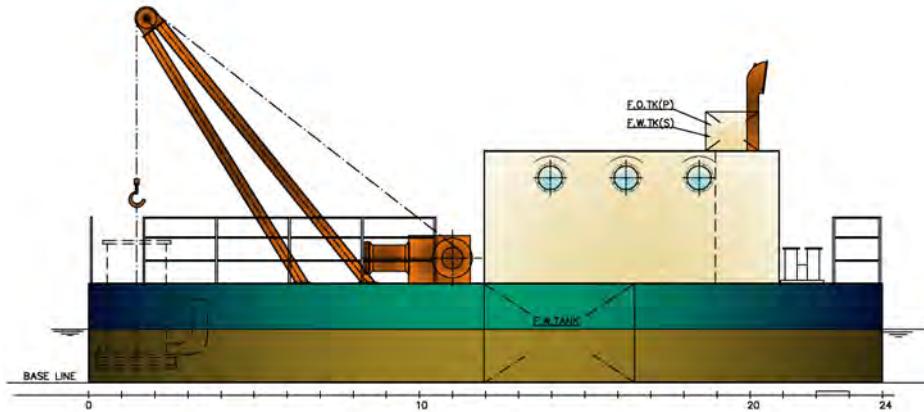
D R E D G E R S



# Cybermarine

## MODULAR DREDGER

COT.DRG.010



LENGTH	: 39.37 Ft.
BREADTH	: 16.40 Ft.
DEPTH	: 4.92 Ft.
DRAFT	: 2.62 Ft.
NOT SELF PROPELLED	

Proven MODULAR Dredger design. Made specific for water depth and dredge capacity. Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for sheltered water, ease of fabrication, assembly, possibility of additional pontoons, for alternative wind, sea and Crew accommodation and others can be made. Details available immediately upon request.

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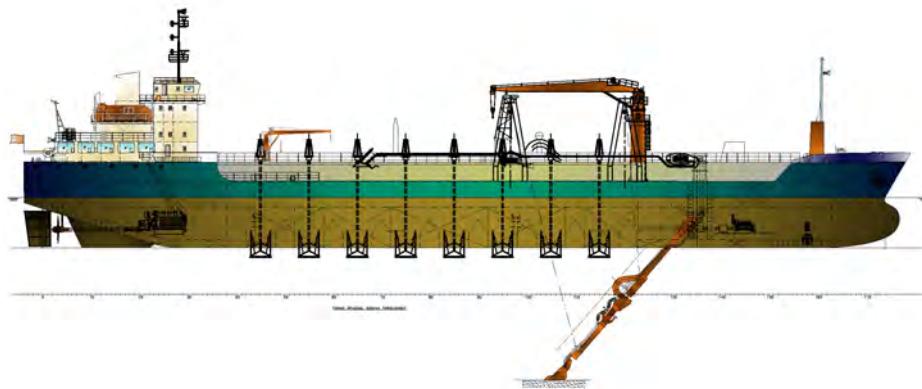
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D R E D G E R S



## TRAILING SUCTION HOPPER

COT.DRG.011



LENGTH	: 360.89 Ft.
BREADTH	: 66.92 Ft.
DEPTH	: 26.90 Ft.
DRAFT	: 20.34 Ft.
COMPLEMENT	: 45 PERSONS
CAPACITY	: 5500 CU.MTRS
SELF PROPELLED	

Proven Dredger design. Made specific for water depth and dredge capacity. Self-Propelled or Un-Propelled options are available depending on client's requirement. Design for alternative wind, sea and Crew accommodation, ladder length, engine and pump power and others can be made. Details available immediately upon request.

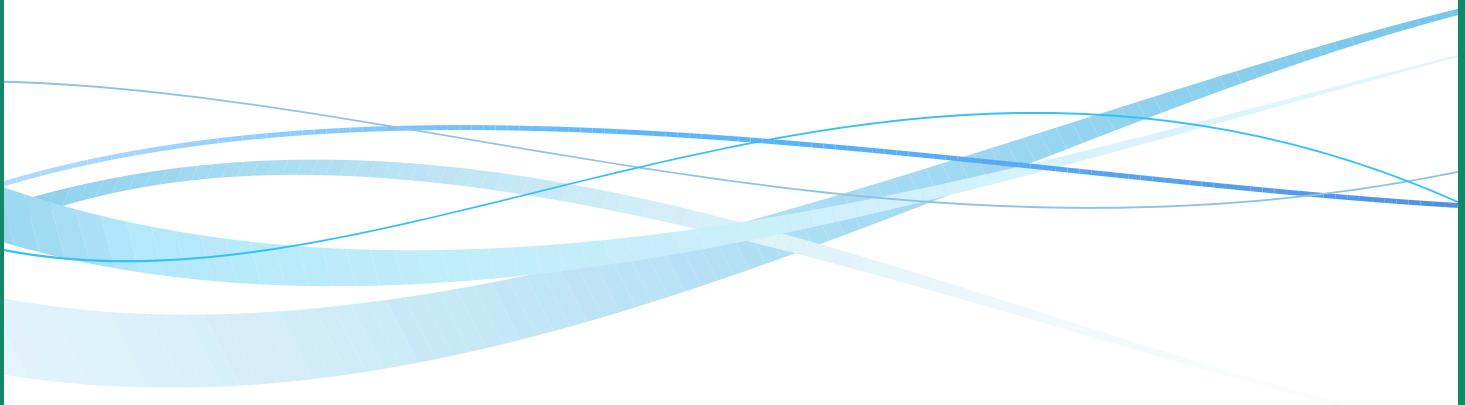
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D R E D G E R S



# LNG VESSELS





**CYBERMARINE'S** involvement with Design and Engineering of LNG Marine Assets commenced in 2011 when LNG as a possible fuel for maritime Inland Water and Coastal vessels were being considered. At **Cybermarine** we believe that LNG remains a viable option as a clean fuel with very limited environmental Damage.

**Cybermarine** designs keeps vessel cost and ease of maintenance while enabling maximum carriage of LNG In perspective.

**Cybermarine** designs has found acceptance in the Far-East and we believe the Inland waters of USA is a market we wish to concentrate upon and continue to add value.

Conversion of existing river vessels to LNG is an area **Cybermarine** has been actively working on.

Call Us. Tell US. And, we sure will have a viable solution.



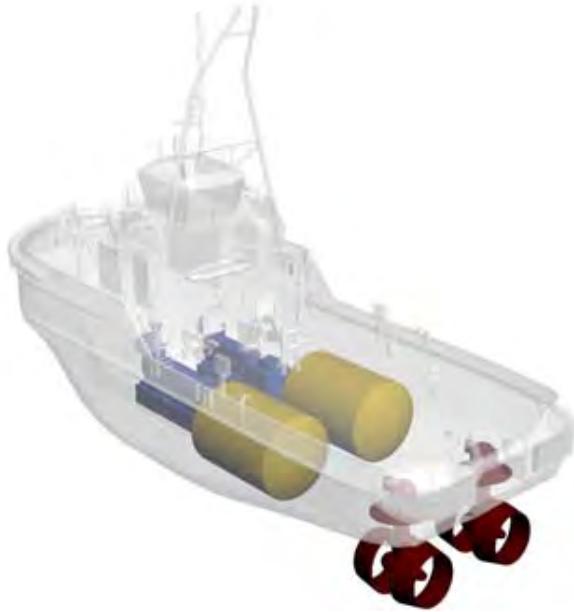
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## HARBOR TUG

COT.LNG.001



Proposed LNG Tug design: This design has an Endurance (LNG Bunkering Cycle) of 11 (eleven) days considering normal Terminal duty. Accommodation for 10 Crew. Propelled by 2 x ASD Thrusters and 2 x 2,700kW Generators on Liquid Fuel / Dual Fuel / Gas Fuel. Design for alternative Classification Society, Crew strength, propulsion power others can be made.

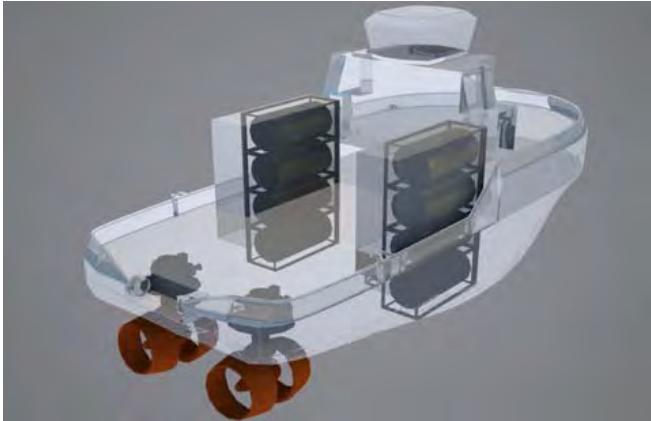
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## HARBOR TUG

COT.LNG.002



Proposed LNG Tug design: This design has an Endurance (LNG Bunkering Cycle) of 8 (eight) days considering normal Terminal duty. Accommodation for 10 Crew. Modular Fuel Tanks. Propelled by 2 x ASD Thrusters (Direct drive also available) and 2 x 2,700 kW Generators on Liquid Fuel / Dual Fuel / Gas Fuel. Design for alternative Classification Society, Crew strength, propulsion power others can be made.

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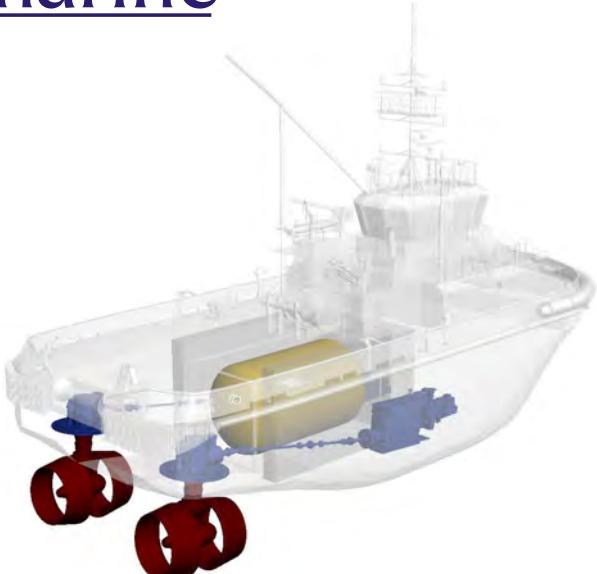
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L N G V E S S E L S



## HARBOR TUG

COT.LNG.003



Proposed LNG Tug design: This design has an Endurance (LNG Bunkering Cycle) of 9 (nine) days considering normal Terminal duty. Accommodation for 10 Crew. Modular Fuel Tank. Propelled by 2 x ASD Thrusters (Direct drive also available) and 3 x 340 kW Generators on Liquid Fuel / Dual Fuel / Gas Fuel. Design for alternative Classification Society, Crew strength, propulsion power others can be made. Details available immediately upon request.

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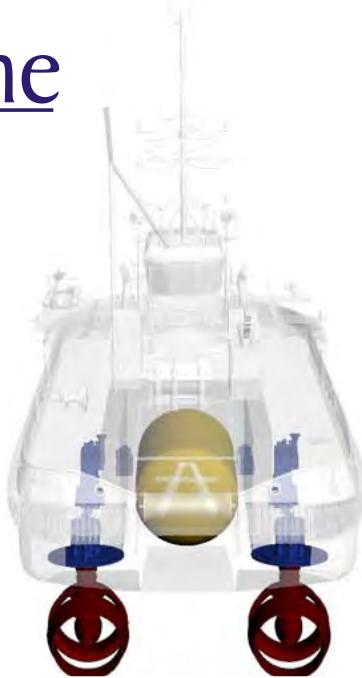
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L N G V E S S E L S



## HARBOR TUG

COT.LNG.004



Proposed LNG Tug design: This design has an Endurance (LNG Bunkering Cycle) of 9 (nine) days considering normal Terminal duty. Accommodation for 10 Crew. Modular Fuel Tanks. Propelled by 2 x ASD Thrusters CPP Direct drive using 3 x 2,700 kW Engines on Liquid Fuel / Dual Fuel / Gas Fuel & 3 x 340kW Generators. Design for alternative Classification Society, Crew strength, propulsion power others can be made. Details available immediately upon request.

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L N G V E S S E L S



COT.LNG.005

L N G V E S S E L S

Proposed LNG Bunker Barge design: This design uses 3 x IMO Type-C LNG tanks, each with a capacity of 32,820 Cu.Ft. water volume. 3 x LNG Cargo Deep Well Pumps and suitable Boil-Off controls as per vendor requirement. Propelled by 2 x ASD Thrusters and 3 x Diesel Driven Alternators. Design for alternative Classification Society, Crew strength, propulsion power others can be made. Details available immediately upon request.

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COT.LNG.006

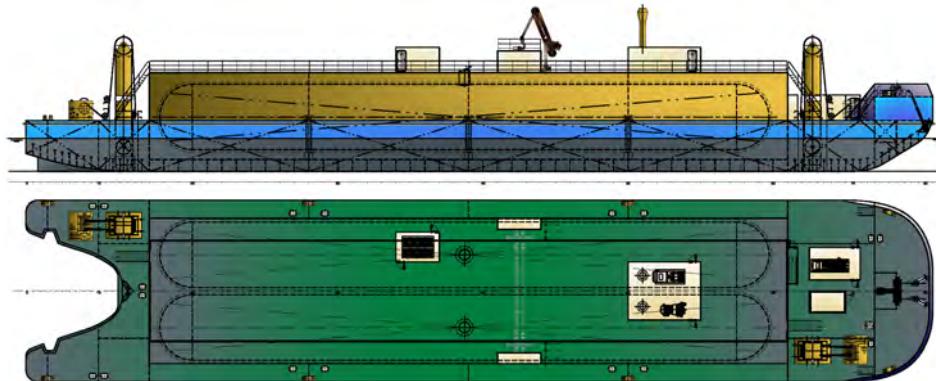
L N G V E S S E L S

Proposed LNG Bunker Barge design: This design uses 6 x IMO Type-C LNG tanks, each with a capacity of 32,820 Cu.Ft. water volume. 3 x LNG Cargo Pumps and suitable Boil-Off controls as per vendor requirement. Propelled by 2 x ASD Thrusters and 3 x Diesel Driven Alternators. Design for alternative Classification Society, Crew strength, propulsion power others can be made. Details available immediately upon request.

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## LNG BUNKER BARGE



COT.LNG.007

LENGTH	: 250.00 Ft.
BREADTH	: 50.00 Ft.
DEPTH	: 14.00 Ft.
DRAFT	: 9.00 Ft.
NOT SELF PROPELLED	

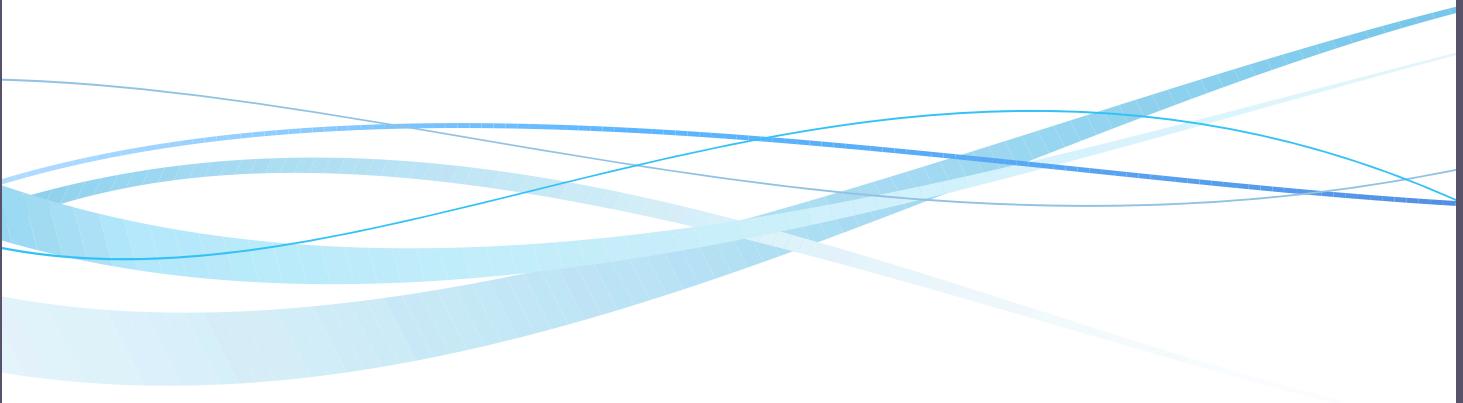
Proposed LNG Bunker Barge ATB design: This design has been made for the US inland water use and has the capability of withstanding wave height up to 3ft. The ATB design will enable existing vendors and has an articulated link crane for possible supply ashore. Spuds have been added to ensure better 'lateral positioning'. A Modular Nitrogen bank has been added to enable purging of lines. Boil-Off controls as per vendor requirement. Design for alternative Classification Society, Crew strength, propulsion power others can be made. Details available immediately upon request.

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# FLOATING DRY-DOCK





**CYBERMARINE'S** involvement with Marine Asset owners and Ship-repair company owners has led to very many designs for floating ship repair facilities. Design and Engineering has been done keeping in mind Client's long amortisation period which includes gradual fitment of equipment(s) to enhance building and repair.

#### **NEW DESIGNS / NEW BUILDS.**

1. MADE FOR SPECIFIC DRAFTS WHILE ENSURING THAT THE NECESSARY VESSEL BEAM AND LENGTH CAN BE ACCOMMODATED.
2. FLOATING DRY-DOCKS WHICH CAN BE MADE MOBILE TO ENABLE RE-LOCATION WHEN SEVERE WEATHER CONDITION IS ANTICIPATED.

#### **CONVERSIONS / UPGRADING / ASSESSMENT.**

**CYBERMARINE** has been able to assist Asset Owners with assessment of their existing Floating Dry-dock and look into possibility of life extension through modification in a cost effective manner. Alternative use of ageing floating dry-docks has been very successful in the case of some projects executed.

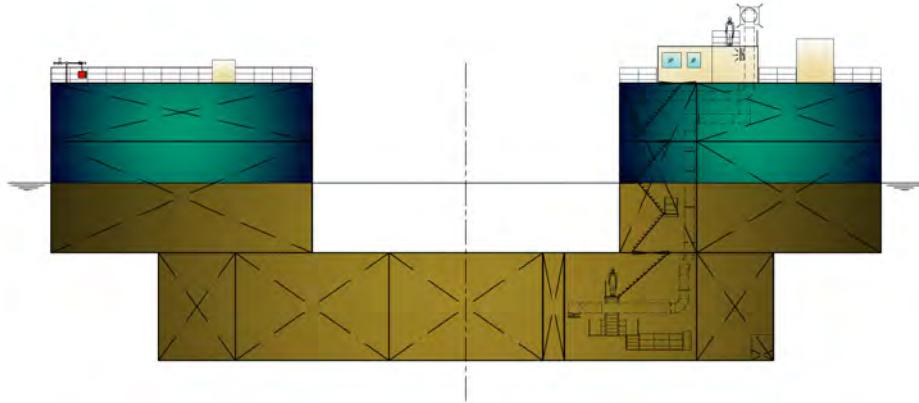
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F L O A T I N G   D R Y - D O C K

## FLOATING DRY-DOCK

COT.FDD.001



LENGTH	: 246.06 Ft.
BREADTH	: 61.61 Ft.
DEPTH	: 22.96 Ft.
DRAFT	: 36.08 Ft.

Floating Dry-dock for deep and sheltered water purpose. Conversion from existing floating pontoons for client desired draft has been made. These designs necessitates the use of floating cranes and is typically required by asset owners who own a variety of floating assets including floating cranes. Fitting of cranes on these dry-dock 'side walls' can also be fitted. Power supply through umbilical or independent options are also available. With 2 clients Cybermarine has made 'provision' for fitting of side wall cranes which can be carried out at a later date based on clients financial planning. Details available immediately upon request.

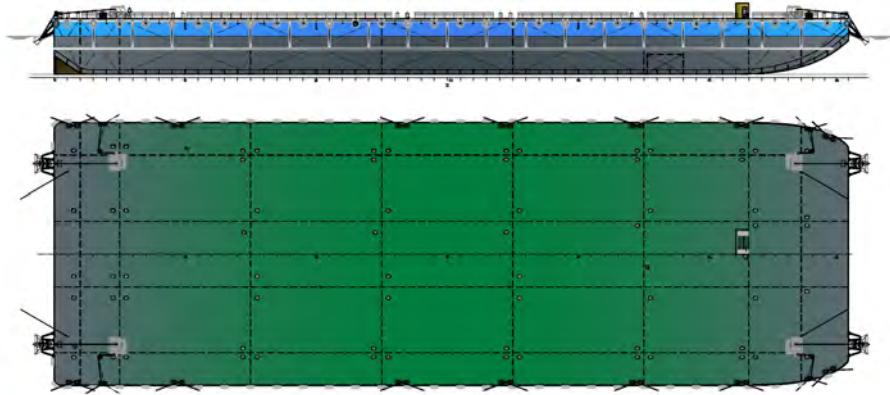
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FLOATING DRY-DOCK

## FLOATING DRY-DOCK

COT.FDD.002



LENGTH	: 397.63 Ft.
BREADTH	: 131.23 Ft.
DEPTH	: 27.55 Ft.
DRAFT	: 19.02 Ft.
DECK STRENGTH:	20 T/M <sup>2</sup>
STEEL WEIGHT	: 3789 T

Floating Dry-dock was designed for a yard where there was insufficient facilities available to repair a Jack-up Rig. An existing barge was assessed for strength and suitability and then converted to design this Docking barge. The financial benefit to the owner and utilisation of existing asset proved very successful. Client's requirement for an independent power supply and an option of having a fuel tank for using a containerised power supply unit has been incorporated. Details available immediately upon request.

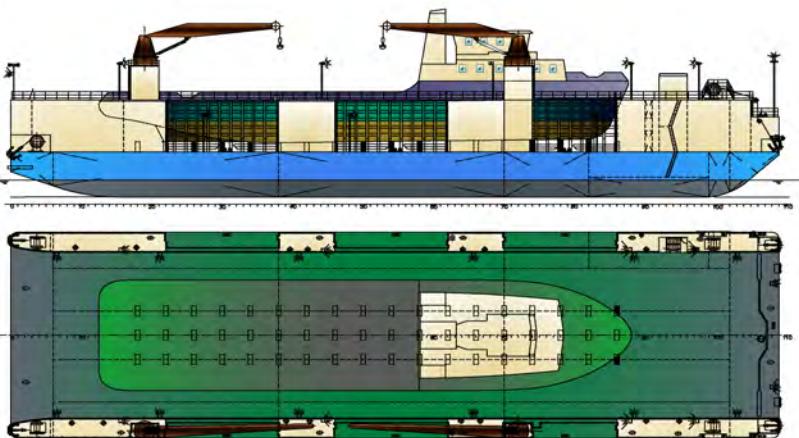
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F L O A T I N G D R Y - D O C K

## FLOATING DRY-DOCK

COT.FDD.003



LENGTH	: 397.63 Ft.
BREADTH	: 131.23 Ft.
DEPTH	: 27.55 Ft.
DRAFT	: 19.02 Ft.
DECK STRENGTH:	20 T/M <sup>2</sup>
STEEL WEIGHT	: 3789 T

Floating Dry-dock was designed for an asset owner to have their own docking facility to be able to service their assets in a geographical region where docking facilities were not available. This project is a new build docking where client specifically wanted BOTH cranes on the same side of the dry-dock side wall. This dry-dock is in operation and has successfully docked client's Tugs and OSVs over the years. Details available immediately upon request.

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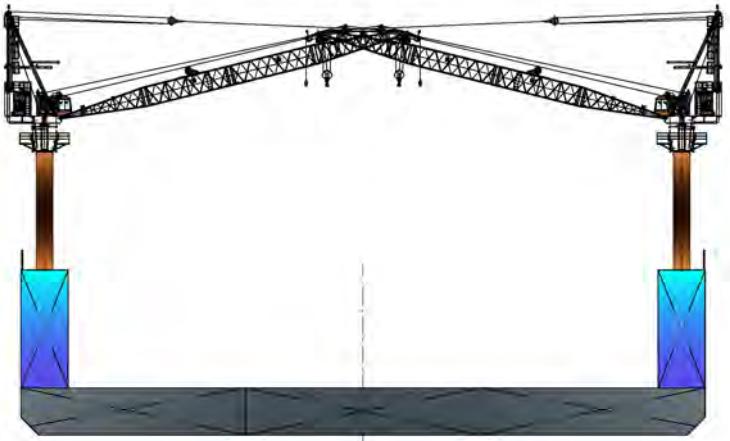
FLOATING DRY-DOCK



# Cybermarine

## FLOATING DRY-DOCK

COT.FDD.004



LENGTH	: 106.68 Ft.
BREADTH	: 35.35 Ft.
DEPTH	: 30.48 Ft.
DRAFT	: 2.43 Ft.

This proposed Dry-dock is in an advanced proposal stage to enable docking inland vessels. Provisions for independent power supply, worker rest area, machinery room have been provided. An option for suitable propulsion for future fitment has been made. Details available immediately upon request.

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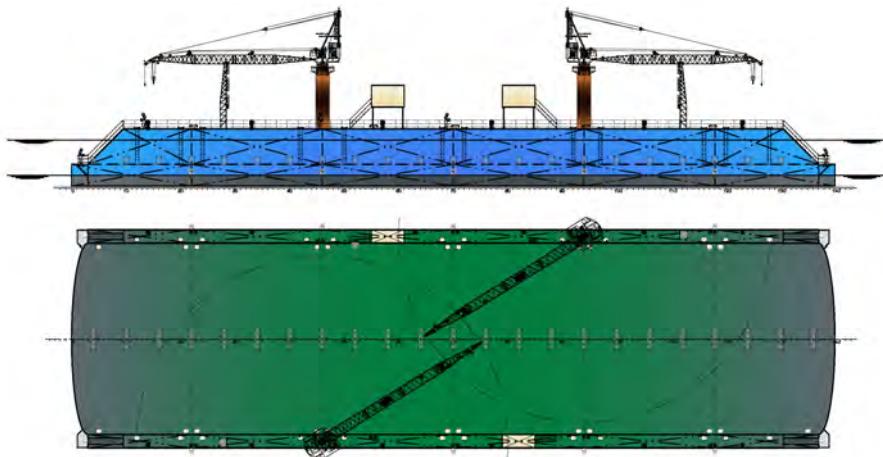
FLOATING DRY-DOCK



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## FLOATING DRY-DOCK

COT.FDD.005



LENGTH	:	280.00 Ft.
EXTERNAL BREADTH:	80.00 Ft.	
INTERNAL BREADTH :	70.00 Ft.	
DEPTH	:	8.00 Ft.
DRAFT	:	4.00 Ft.

This proposed Dry-dock is in an advanced proposal stage to enable docking inland vessels. Provisions for independent power supply, worker rest area, machinery room have been provided. An option for suitable propulsion for future fitment has been made. Details available immediately upon request.

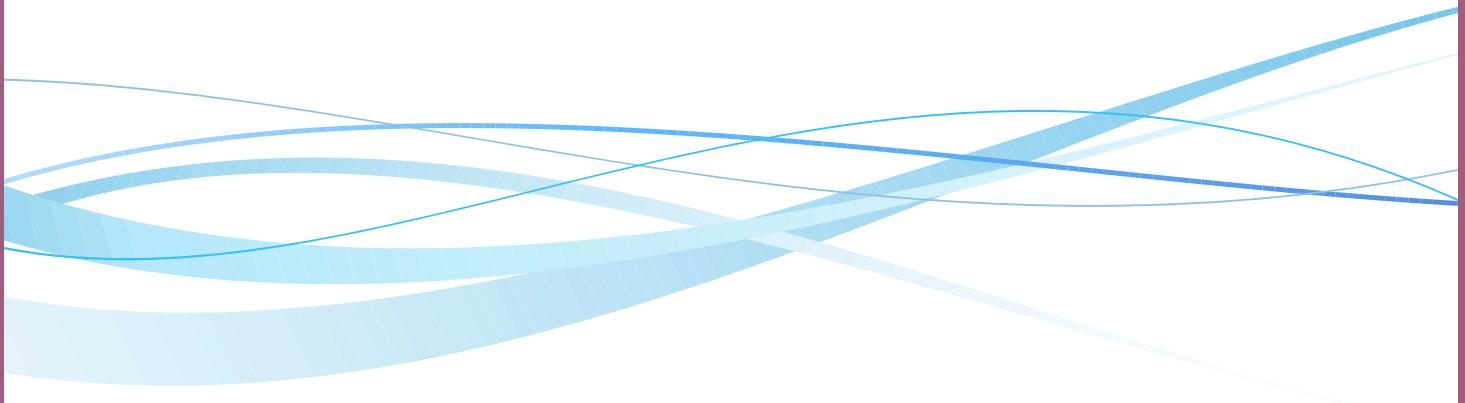
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F L O A T I N G D R Y - D O C K



# MARINE CONSTRUCTION





CYBERMARINE'S association with Marine Construction Industry (Companies) in the Far-East and Middle-East commenced in the early 1990's.

Through interaction with our clients, it soon became very evident the 'disproportionately high cost of Marine-Civil projects which included safety, environmental impact and societal benefit' compared to the cost of owning/operating or leasing/chartering of Marine assets for such projects.

**Cybermarine**, since our early years, have been providing safe and efficient Design and Engineering solutions to clients to ensure that there is a beneficial impact on client IRR knowing the total Project Cost as stated above.

We at **Cybermarine** have been at the forefront in Design and Engineering of new marine assets for the Marine Construction industry and have carried out over 65 projects of conversions. Conversions and assessments of existing floating assets in line with Client's short term and long term Business Plans.

Let us know where you believe **Cybermarine**'s experience and ability can be put to use knowing our involvement will certainly benefit your organisational success.

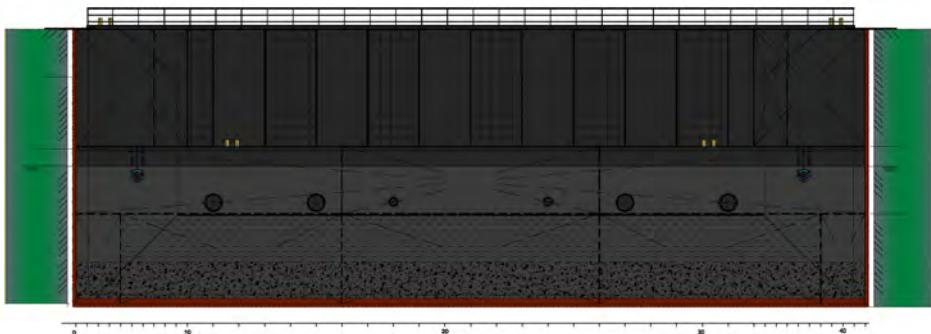
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## CAISSON GATE

COT.MCP.001



LENGTH	: 152.23 Ft.
BREADTH	: 22.96 Ft.
DEPTH	: 30.67 Ft.
DRAFT	: 26.90 Ft.
STEEL WEIGHT	: 745 T

This Caisson gate is in use and was made for the following operating and weather conditions: Low Tide = 0.00 Ft.; High Tide = 17.7 Ft; Wave Height of 1.64 Ft; Wind Speed of 86 Knots. Designs suitable for other operating and weather conditions can be made to suit Client specifications. Details available immediately upon request.

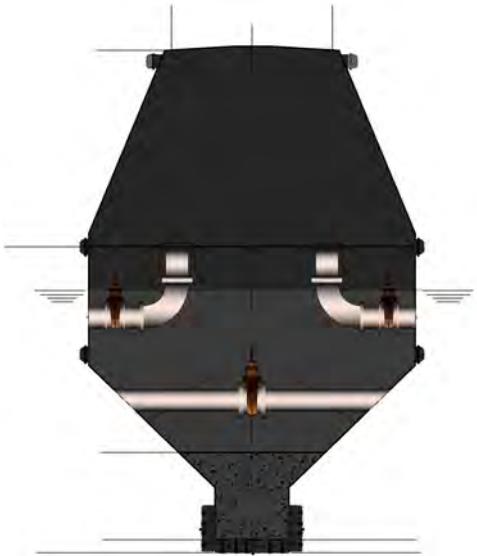
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MARINE CONSTRUCTION



# Cybermarine



## CAISSON GATE

COT.MCP.002

LENGTH	: 223.09 Ft.
BREADTH	: 24.60 Ft.
DEPTH	: 36.74 Ft.
DRAFT	: 19.68 Ft.
STEEL WEIGHT	: 121 T

This Caisson gate is in use and was made for a graving dry-dock for the following operating and weather conditions: Low Tide = -1.64 Ft.; High Tide = 12.8 Ft; Wave Height of 3.28 Ft; Wind Speed of 100 Knots and currents of 0.2 Knots. Designs suitable for other operating and weather conditions can be made to suit Client specifications. Details available immediately upon request.

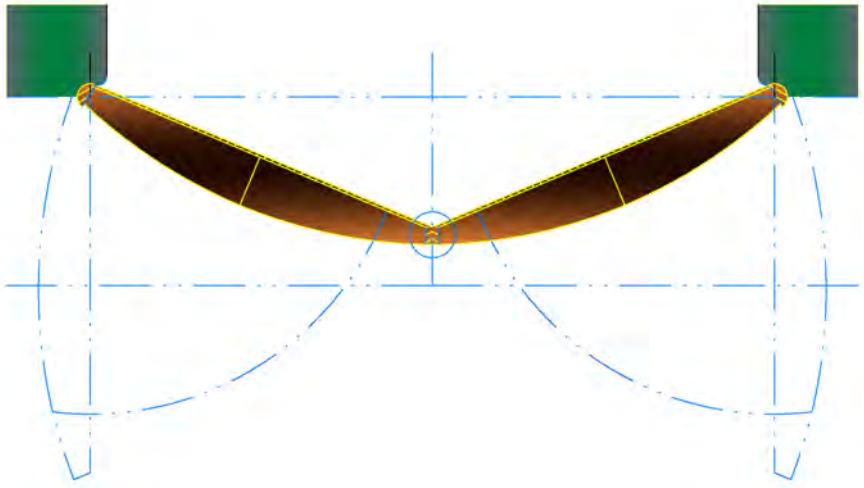
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M A R I N E   C O N S T R U C T I O N

## INNER LOCK GATE

COT.MCP.003



LENGTH	: 55.24 Ft.
BREADTH	: 7.44 Ft.
DEPTH	: 40.97 Ft.
DRAFT	: 22.96 Ft.

This Inner Lock gate was designed to replace aging gates with details received from client. This design has now been operating successfully for the past few years. Cybermarine is currently awaiting decision on replacement of 22 (twenty two) lock gates in the South Asia region. Designs suitable for other operating and weather conditions can be made to suit Client specifications. Details available immediately upon request.

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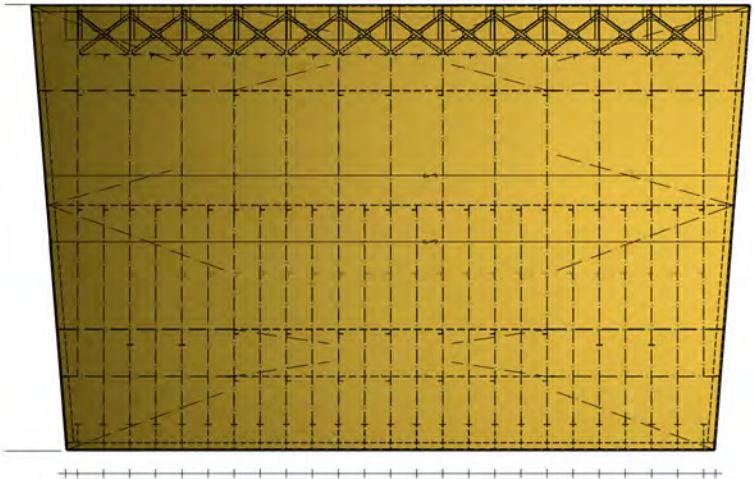
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## FLOATING CAISSON GATE

COT.MCP.004

LENGTH	: 40.10 Ft.
BREADTH	: 8.82 Ft.
DEPTH	: 25.35 Ft.



This Floating Caisson Gate was made for specific client requirement. Details available immediately upon request.

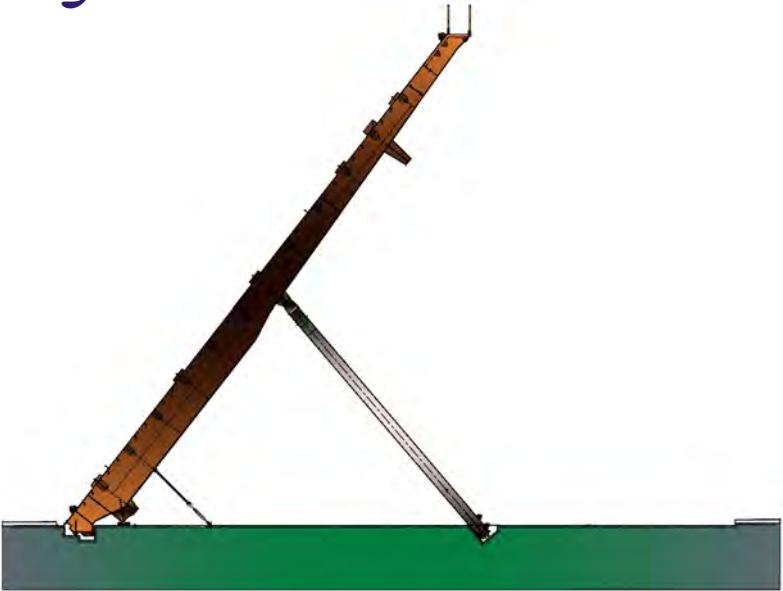
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M A R I N E   C O N S T R U C T I O N



# Cybermarine



## INTERMEDIATE GATE

COT.MCP.005

LENGTH	: 147.63 Ft.
BREADTH	: 71.00 Ft.
DEPTH	: 56.00 Ft.
STEEL WEIGHT	: 39.18 Ft.

This Intermediate Gate has been built to Customer's specifications and expected wave and wind conditions. Designs with different expected local conditions can be made available. Details available immediately upon request.

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M A R I N E   C O N S T R U C T I O N

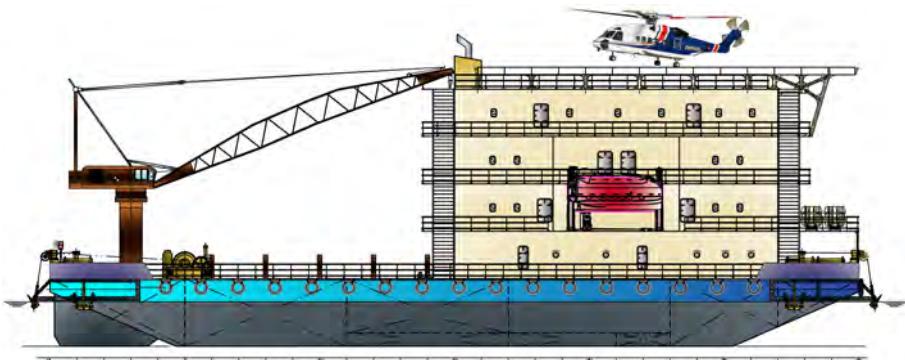


# Cybermarine

60 MEN

ACCOMODATION BARGE

COT.MCP.006



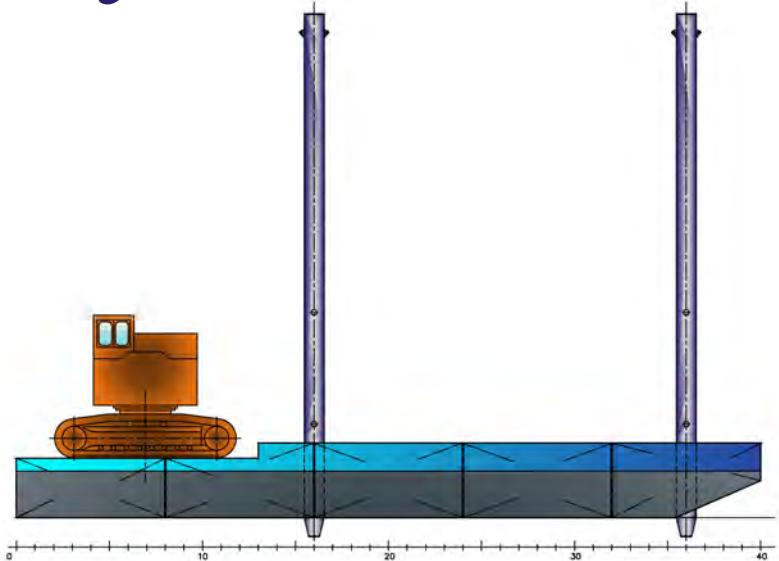
LENGTH	: 180 Ft.
BREADTH	: 50 Ft.
DEPTH	: 15 Ft.
DRAFT	: 9.84 Ft.
COMPLEMENT	: 60 PERSONS

This Accommodation Barge is for 60 persons and is suitable for remote inland Marine Construction work. Enables better work force rotation, rationalisation of crew rotation costs. Helideck is an option. This design can be optimised for coastal and off-shore service for the sake of better/wider asset utilisation. Also available designs for 200 Persons and 500 persons. Details available immediately upon request.

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M A R I N E   C O N S T R U C T I O N



## EXCAVATOR BARGE

COT.MCP.008

LENGTH	: 65.61 Ft.
BREADTH	: 45.93 Ft.
DEPTH	: 6.56 Ft.
STEEL WEIGHT	: 4.10 Ft.

This Excavator barge is a unique spud barge made for narrow river service for construction project. Converting an existing asset was utilised here where the floating pontoon was assessed and spuds were added as per local conditions and client's requirements. Details available immediately upon request.

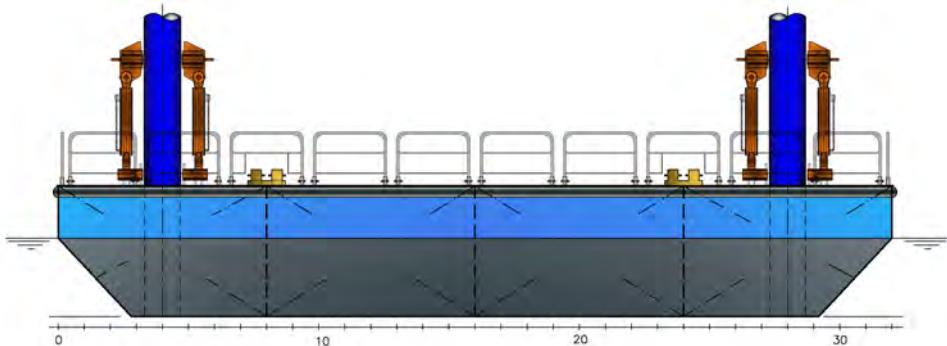
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## JACK-UP BARGE

COT.MCP.009

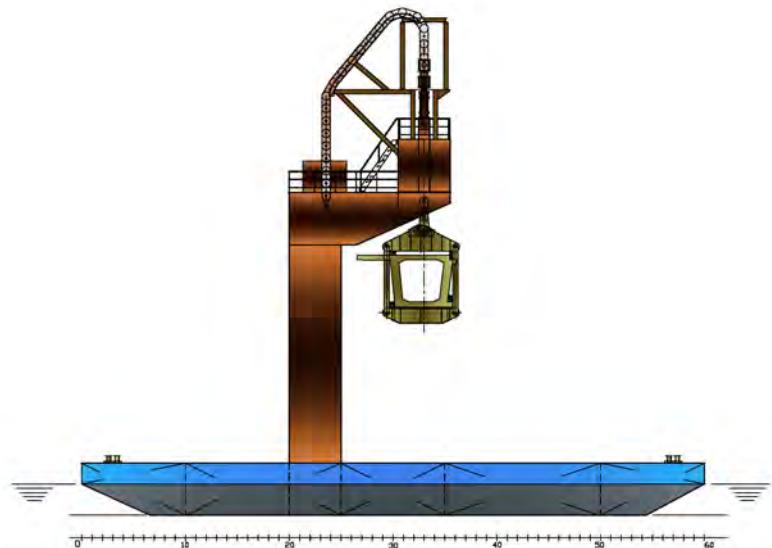


LENGTH	: 52.49 Ft.
BREADTH	: 39.37 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.92 Ft.
STEEL WEIGHT	: 610 T

This Jack-up barge has been built for a client for a specific sea and weather condition. The spud jacking has been done hydraulically. This barge has been designed for 50 knots and a wave height of 5 ft., 2.0 knot current and a wave period of 3.0 seconds. Tailor made design to suit client's requirement and local conditions can be built. Details available immediately upon request.

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## CRANE BARGE

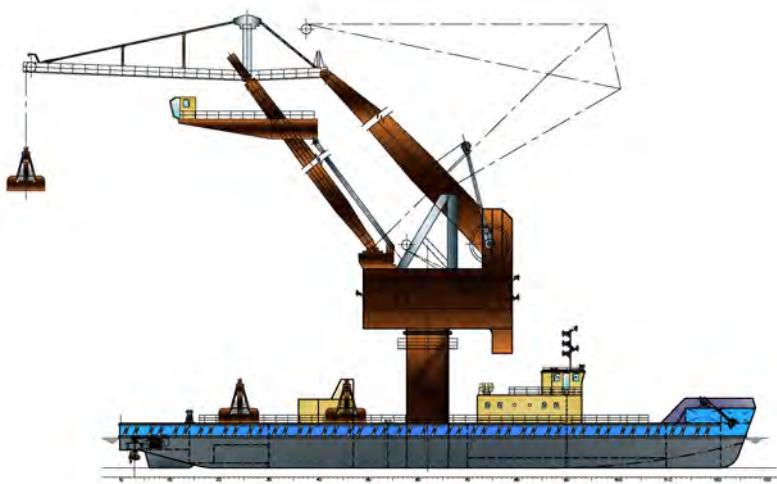
COT.MCP.010

LENGTH	:	98.42 Ft.
BREADTH	:	101.70 Ft.
DEPTH	:	8.20 Ft.
DRAFT	:	1.25 Ft.
STEEL WEIGHT	:	59.77 T

This Crane barge was built in two parts and was used for lifting bridge beams onto the piles. With defined heights of bridge on rivers, this Cybermarine design made modular construction of bridges quicker and more efficient. This Crane Barge is still in use in SE-Asia region. Tailor made design to suit client's requirement and local conditions or conversion of existing assets can be executed by our team. Details available immediately upon request.

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## CRANE BARGE

COT.MCP.011

LENGTH	: 209.97 Ft.
BREADTH	: 78.74 Ft.
DEPTH	: 14.76 Ft.
DRAFT	: 9.84 Ft.
DEADWEIGHT	: 1900 T

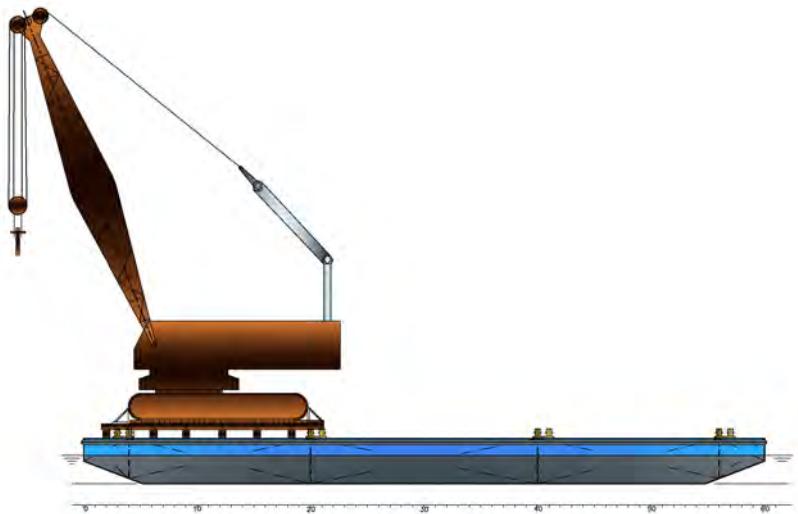
This Crane barge was built for using heavy duty cranes for coastal, near-coastal and offshore operation. Client's choice of crane for dusty cargo, electrical cranes were used. Alternate use of electro-hydraulic cranes can be considered. Self-propelled or non-propelled designs can be made available. This design is a self-propelled design which used 43Mt clam mechanical grabs for off-shore cargo discharge. Crew Accommodation quarter and power supply thru on-board plants can be dovetailed into this design. Details available immediately upon request.

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## CRANE BARGE

COT.MCP.012



LENGTH	: 98.42 Ft.
BREADTH	: 32.80 Ft.
DEPTH	: 6.56 Ft.
DRAFT	: 4.10 Ft.
DECK STRENGTH	: 10 T/M <sup>2</sup>
STEEL WEIGHT	: 129 T

This Crane barge was built for a very temporary use and using a crawler crane. The Barge contract did not allow extensive changes. A suitable barge was chosen from the list given by clients, a platform was made on the barge and the crawler crane lashed down on the staging. Utilising existing barge and rental crawler crane and Cybermarine design enable client's success in his business project. Details available immediately upon request.

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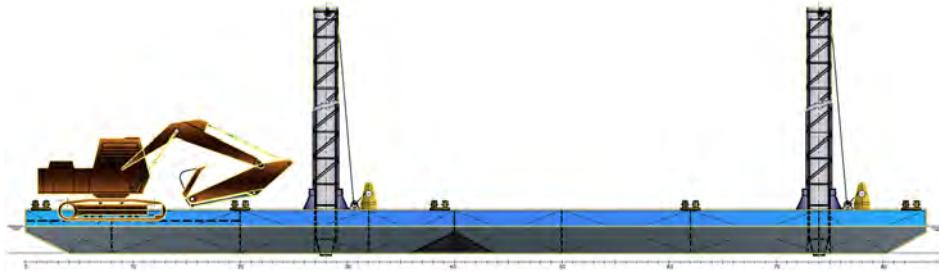
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# Cybermarine

## EXCAVATOR BARGE

COT.MCP.013



### BARGE (A)

LENGTH : 65.61 Ft.  
BREADTH : 39.37 Ft.  
DEPTH : 6.56 Ft.  
DRAFT : 4.10 Ft.

### BARGE (B)

LENGTH : 72.17 Ft.  
BREADTH : 32.80 Ft.  
DEPTH : 6.56 Ft.  
DRAFT : 4.10 Ft.

Two such Excavator barge were designed identical in all respect except the second barge beam was less by 5 feet. The Excavator barges have been extensively used in back water streams in the Far East ( Possible use in BAYOUS ) for maintaining stream depths. Spud lifting for this design was made using winch-wire mechanism. Modification to the existing design to suit local conditions can easily be incorporated. Details available immediately upon request.

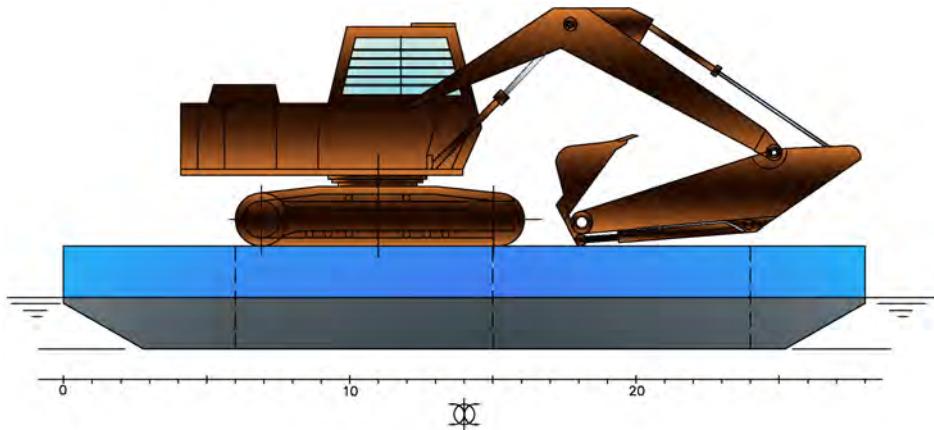
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M A R I N E   C O N S T R U C T I O N

## JACK-UP BARGE

COT.MCP.014

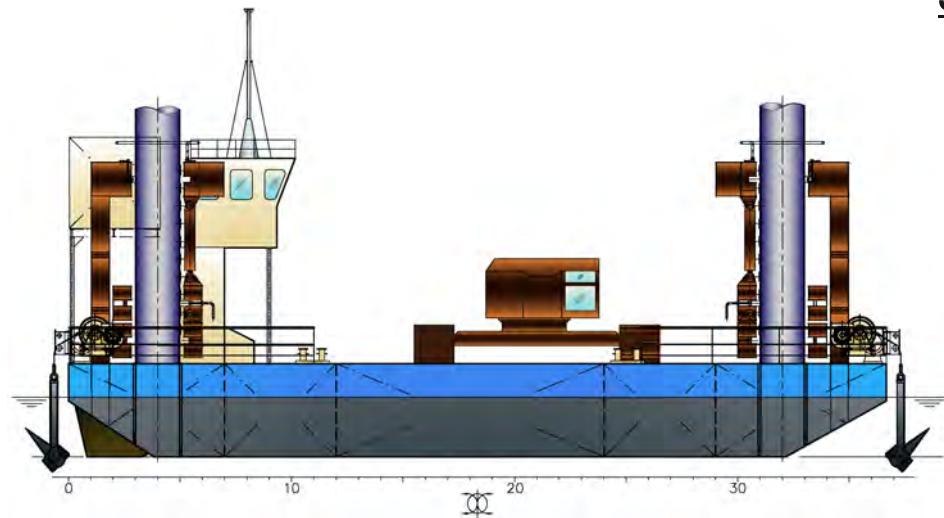


LENGTH	: 72.17 Ft.
BREADTH	: 59.05 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 5.24 Ft.

This Jack-up barge was designed with a self-contained power supply and fuel tanks were integrated into the hull. Hydraulic Jacking systems were used where the stroke was 1000mm and the Hydraulic pulling capacity was tested to 75 M-Tons each. The barge was designed to operate Wind Speed of 70knots; water depth of max 45 feet, Current of 5.83 knots and wave height of 9.8 ft. the required air gap maintained was about 4 feet. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

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## JACK-UP BARGE

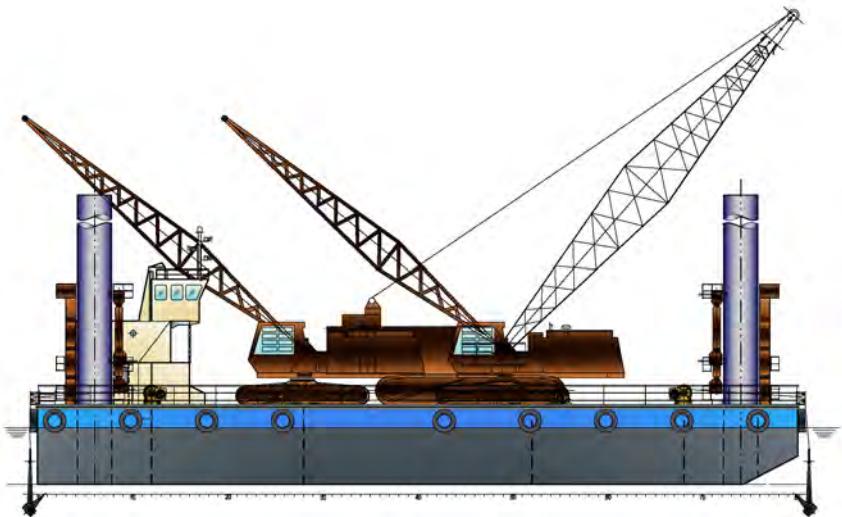
COT.MCP.015

LENGTH	: 72.17 Ft.
BREADTH	: 59.05 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 5.24 Ft.

This Jack-up barge was designed with a self-contained power supply and fuel tanks were integrated into the hull. Hydraulic Jacking systems were used where the stroke was 1000mm and the Hydraulic pulling capacity was tested to 75 M-Tons each. The barge was designed to operate Wind Speed of 70 knots; water depth of max 45 feet, Current of 5.83 knots and wave height of 9.8 feet. the required air gap maintained was about 4 feet. Modification to the existing design to suit local conditions can incorporated. Details available immediately upon request.

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## JACK-UP BARGE

COT.MCP.016

LENGTH	: 131.23 Ft.
BREADTH	: 98.42 Ft.
DEPTH	: 13.77 Ft.
DRAFT	: 9.84 Ft.

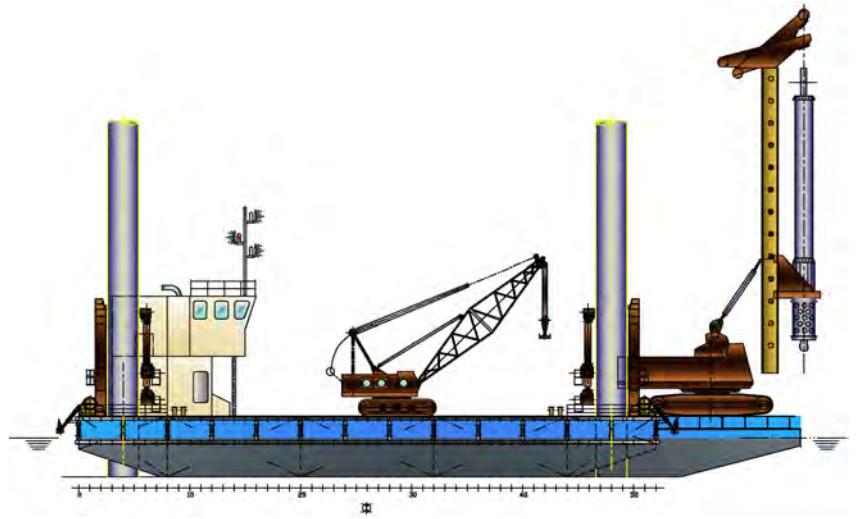
This Jack-up barge was designed for one of the major SE-Asian Ports. The multiple crawler cranes, integrated power system and fuel tanks and crew accommodation was provided for. Similar designs with portable power and Port-a-cabins have also been designed and are successfully in operation. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

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## JACK-UP BARGE

COT.MCP.017



LENGTH	: 106.62 Ft.
BREADTH	: 65.61 Ft.
DEPTH	: 9.02 Ft.
DRAFT	: 5.74 Ft.
NOT SELF PROPELLED	

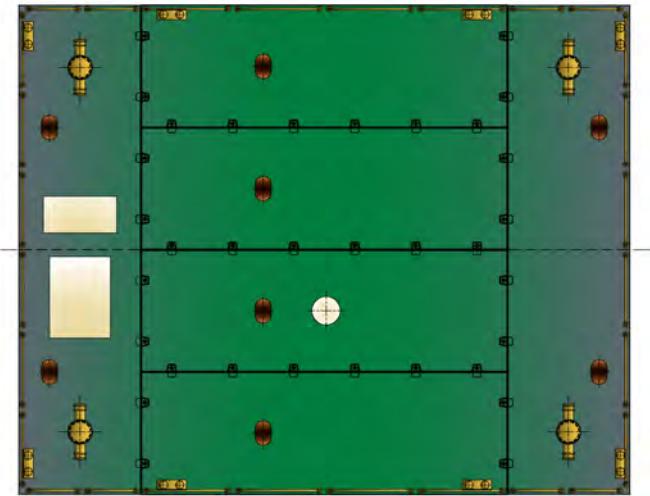
This Jack-up barge was designed successfully for offshore piling operation. The environmental conditions for operations were as follows : Wind Speed = 50Kn; Water depth = 59 Ft.; Wave Height = 6.56 Ft.; Air Gap = 4.1 Ft.; Current = 6 kn, Penetration = 6.56 Ft. Similar designs with portable power and Port-a-cabins have also been designed and are successfully in operation. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

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## MODULAR JACK-UP BARGE

COT.MCP.018



LENGTH	: 49.21 Ft.
BREADTH	: 39.37 Ft.
DEPTH	: 6.56 Ft.
DRAFT	: 4.10 Ft.
NOT SELF PROPELLED	

This Jack-up barge was designed successfully for Inland Water crane operation. The barge with 4 spuds were made in number of modules given location and building yard constraints. Environmental conditions for operations were as follows : Wind Speed = 30Kn; Water depth = 29.5 Ft.; Wave Height = 4.1 Ft.; Current = 4kn, Penetration = 9.84 Ft. Similar designs with portable power and Port-a-cabins have also been designed and are successfully in operation. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

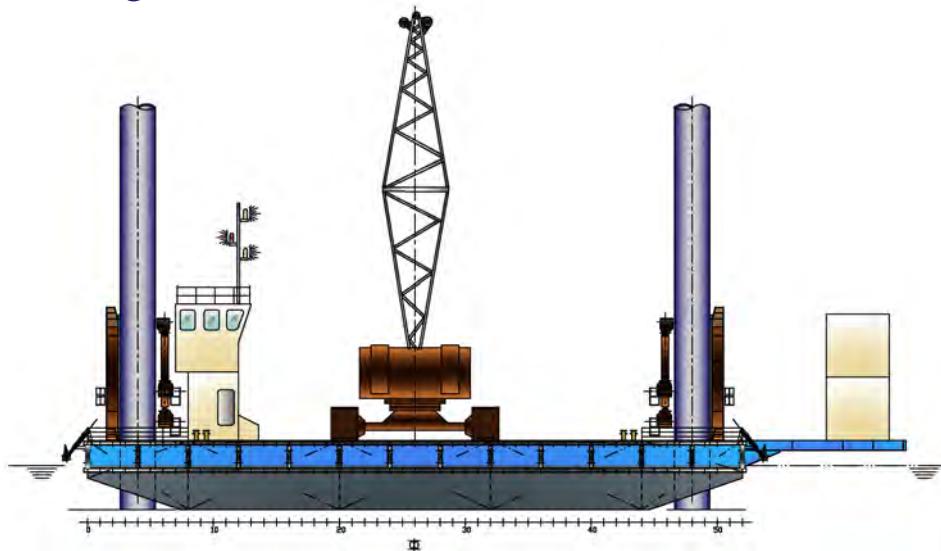
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# Cybermarine

## JACK-UP BARGE COT.MCP.020



LENGTH	: 106.62 Ft.
BREADTH	: 65.61 Ft.
DEPTH	: 9.02 Ft.
DRAFT	: 5.74 Ft.

This Jack-up barge was designed successfully for Inland Water Marine Construction operation for carnage and excavation alternatively. The barge with 4 spuds were made to suit local conditions and construction needs. Similar deigns with portable power and Port-a-cabins and Control station have also been designed. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

**Cybermarine Offshore Technologies LLC**

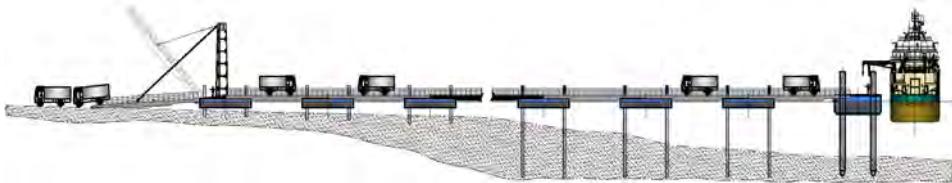
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# Cybermarine

## FLOATING PONTOON ROAD

COT.MCP.021



LENGTH	: 49.21 Ft.
BREADTH	: 32.80 Ft.
DEPTH	: 4.92 Ft.
DRAFT	: 3.28 Ft.

This Floating Pontoon road was designed with an entry ramp to enable safe operation through minor tidal changes. A total of 24 pontoons were made and were then connected to allow access to Client specified Maritime Vessel(s). The Pontoon sizes are mentioned for your reference. This was a unique and a very successful project executed on Cybermarine Design. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

**Cybermarine Offshore Technologies LLC**

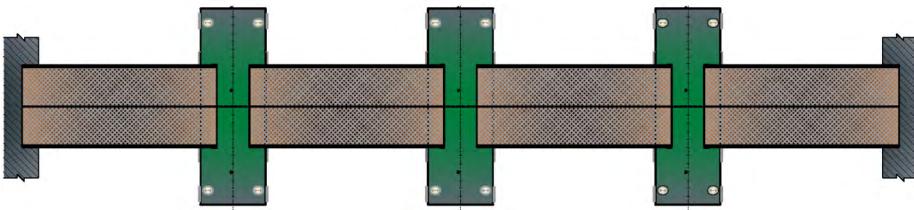
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M A R I N E   C O N S T R U C T I O N



## PONTOON BRIDGE

COT.MCP.022



LENGTH	: 39.37 Ft.
BREADTH	: 13.12 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 6.56 Ft.
STEEL WEIGHT	: 21.40 T

This Pontoon Bridge made to give access for marine construction activity in shallow water wet lands. Detailed information on this project cannot be provided given client requirement. Similar and or modification to the above design to suit local conditions can be incorporated. Details available immediately upon request.

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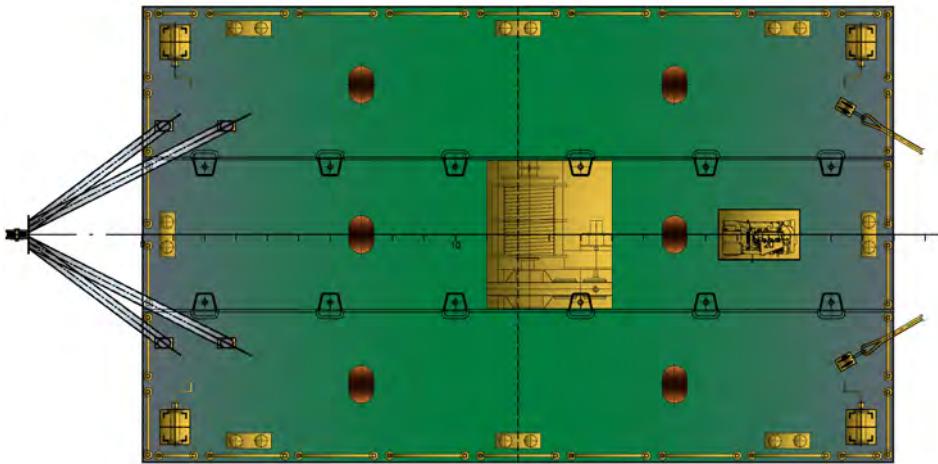
M A R I N E   C O N S T R U C T I O N



# Cybermarine

## MODULAR PONTOON CRANE

COT.MCP.023



LENGTH	: 39.37 Ft.
BREADTH	: 23.88 Ft.
DEPTH	: 7.38 Ft.
DRAFT	: 4.92 Ft.
STEEL WEIGHT	: 36.56 T

This Modular Pontoon was made to accommodate yard and shipyard constraints. The modular joining pins and arrangements are Cybermarine Design. This Modular pontoon crane has been successfully designed for Inland Water crane operation. Similar designs with portable power and Port-a-cabins have also been designed and are successfully in operation. Modification to the existing design to suit local conditions can be incorporated. Details available immediately upon request.

**Cybermarine Offshore Technologies LLC**

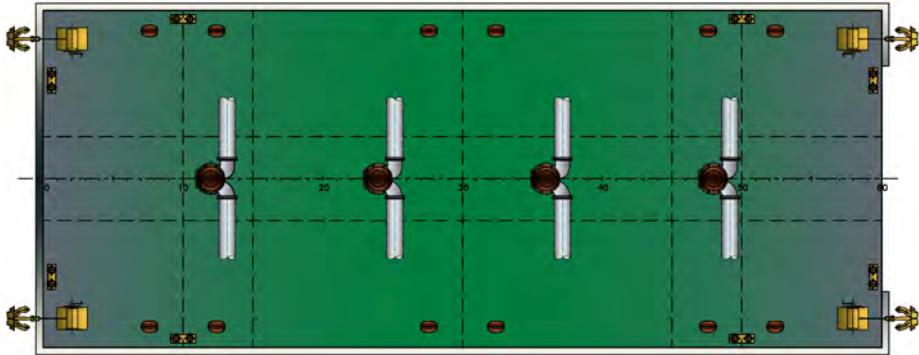
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# Cybermarine

## PUMPING PONTOON

COT.MCP.024



LENGTH	: 98.42 Ft.
BREADTH	: 39.37 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.92 Ft.

This BARGE MOUNTED PUMPING STATION was made to Client requirement Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

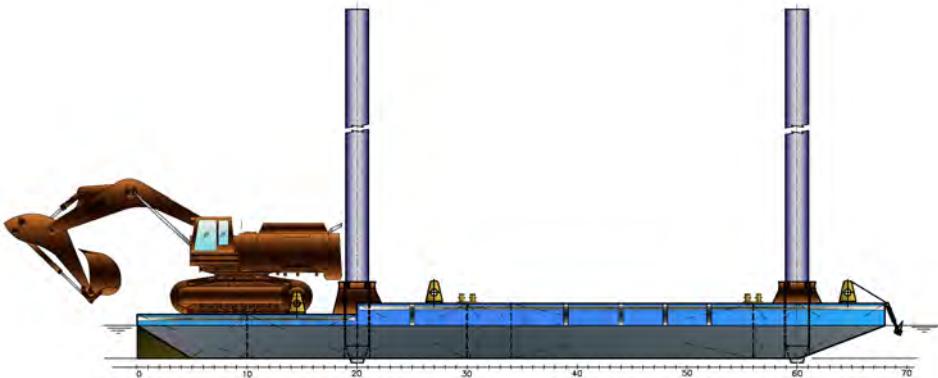
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M A R I N E   C O N S T R U C T I O N

## SPUD PONTOON

COT.MCP.025



LENGTH	: 111.54 Ft.
BREADTH	: 36.08 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.92 Ft.
STEEL WEIGHT	: 228 T

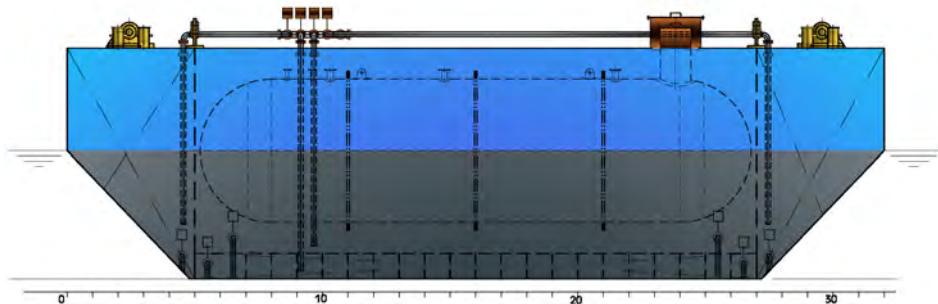
This Spud Pontoon was designed for excavation operation in 'Near-Coastal' waters and was designed for the following Environmental Conditions : Currents = 6 kn; Wind Speed = 20 kn; Wave height = 4.9 Ft.; Water depth of operation = 52.48 Ft.; Digging Force = 15 M-Tons; Angle of Operation = 180 Deg. Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

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## SUBSUBMERSIBLE PONTOON

COT.MCP.026



LENGTH	: 52.49 Ft.
BREADTH	: 29.52 Ft.
DEPTH	: 14.76 Ft.
DRAFT	: 8.20 Ft.
STEEL WEIGHT	: 67.8 T

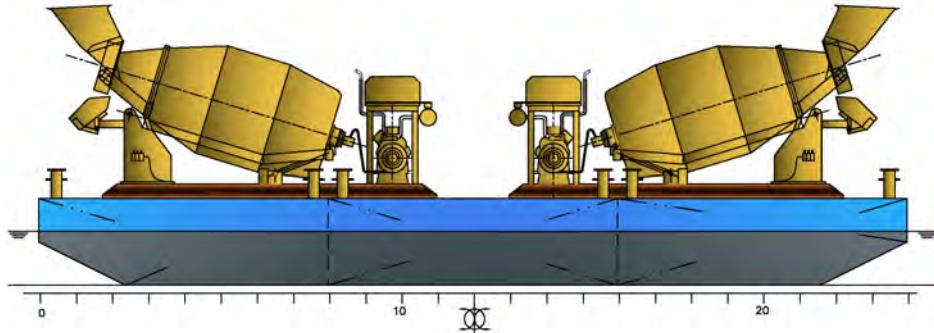
This SUBSUBMERSIBLE PONTOON has been used for creating a floating repair facility and other related specific needs in the Marine Coastal Engineering field. Cybermarine Design for such a pontoon has been very successful and has found industry wide client appreciation. Modification to the existing design and conversion of existing assets to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

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## CEMENT MIXER BARGE



LENGTH	: 39.37 Ft.
BREADTH	: 19.68 Ft.
DEPTH	: 3.93 Ft.
DRAFT	: 2.00 Ft.
STEEL WEIGHT	: 12.85 T

This CEMENT MIXER BARGE was made specifically for Coastal and Marine Construction purposes where cement bags were brought, concrete made and poured to create pilons. Other methods using ramps and trailer cement mixers have been used where existing assets were converted. Other designs with stocking space and power supply for lighting arrangements have also been used. These have proved beneficial where the losses due to delayed logistics and weather conditions have been successfully addressed. Modification to the existing design and conversion of existing assets to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

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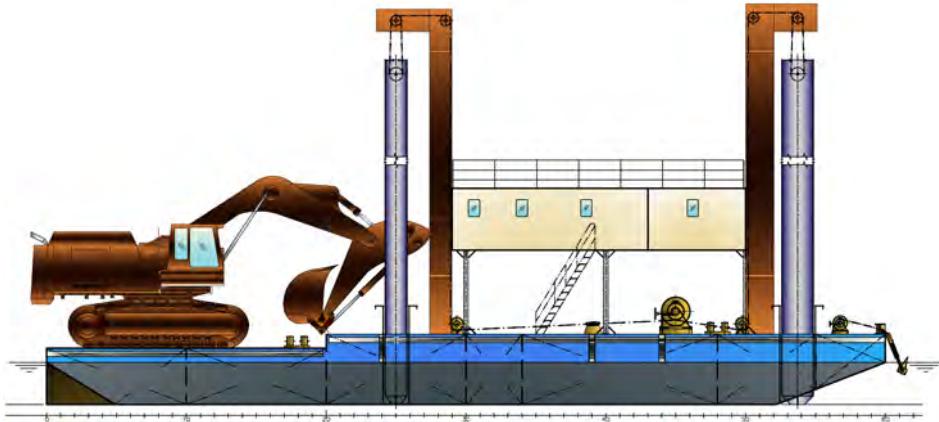


# Cybermarine

M A R I N E C O N S T R U C T I O N

## SPUD BARGE

COT.MCP.028



LENGTH	: 98.42 Ft.
BREADTH	: 36.08 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.92 Ft.
DECK STRENGTH	: 5.0 T/M <sup>2</sup>
STEEL WEIGHT	: 181 T

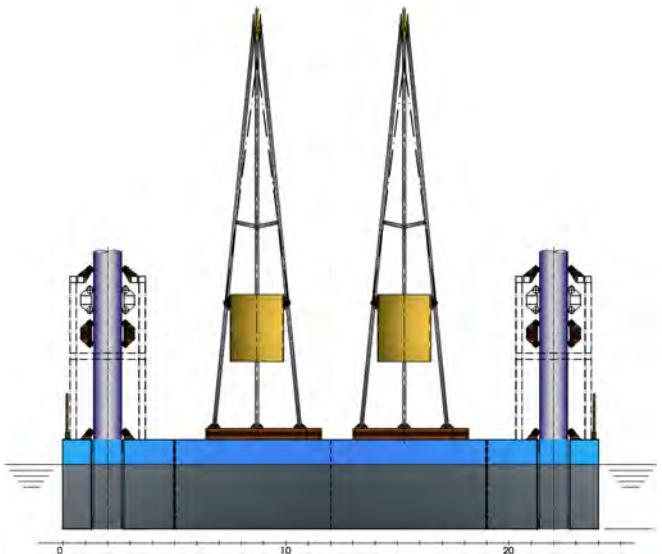
This Spud Barge was designed for excavation operation in 'Near-Coastal" waters and was designed for the following Environmental Conditions : Currents = 4kn; Wind Speed = 20 kn; Wave height = 3.28 Ft.; Water depth of operation = 32.8 Ft.; Digging Force = 10 M-Tons; Angle of Operation = 180 Deg. Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

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## LIFTING BARGE

COT.MCP.029



LENGTH	: 39.37 Ft.
BREADTH	: 32.80 Ft.
DEPTH	: 6.62 Ft.
DRAFT	: 4.75 Ft.
STEEL WEIGHT	: 83.04 T

This Modular Barge was designed for lifting operation in 'Near-Coastal' waters and was designed for the following Environmental Conditions: Currents = 4kn; Wind Speed = 30 kn; Wave height = 4.10 Ft.; Water depth of operation = 29.52 Ft.; Total variable load in elevated condition- 35.0-Tons , Total Elevated load - 135 T. Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

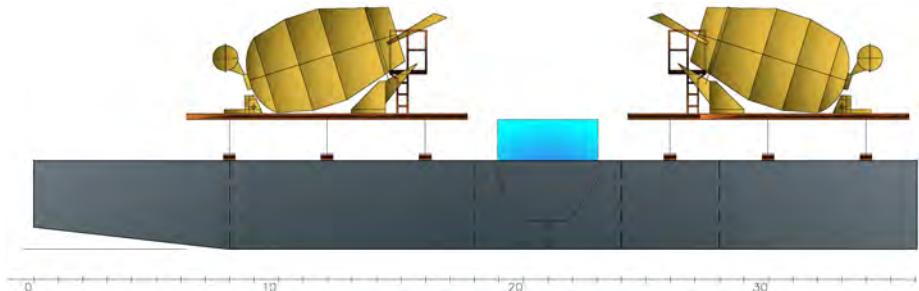
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# Cybermarine

## TRANSIT MIXER BARGE



COT.MCP.030

LENGTH	: 72.17 Ft.
BREADTH	: 43.30 Ft.
DEPTH	: 7.21 Ft.
DRAFT	: 1.47 Ft.
STEEL WEIGHT	: 115 T

This TRANSIT CEMENT MIXER BARGE was made specifically for Coastal and Marine Construction purposes where cement bags were brought, concrete made and poured to create pilons. Other methods using ramps and trailer cement mixers have been used where existing assets were converted. Other designs with stocking space and power supply for lighting arrangements have also been used. These have proved beneficial where the losses due to delayed logistics and weather conditions have been successfully addressed. Modification to the existing design and conversion of existing assets to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

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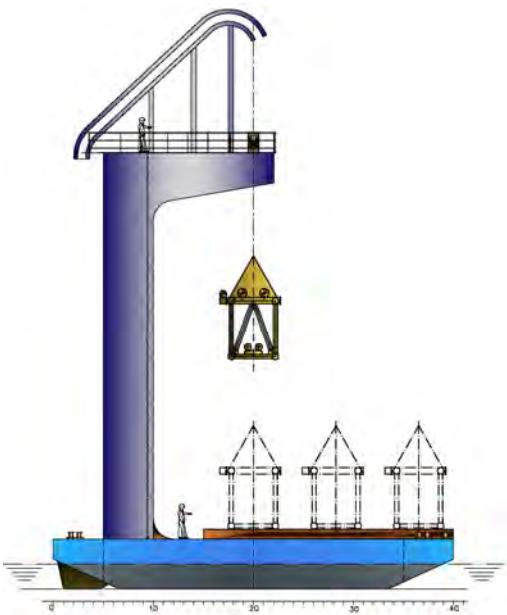
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M A R I N E   C O N S T R U C T I O N



## TRUSS LIFTING BARGE

COT.MCP.031



LENGTH	: 65.61 Ft.
BREADTH	: 118.11 Ft.
DEPTH	: 8.20 Ft.
DRAFT	: 4.10 Ft.
STEEL WEIGHT	: 261.1 T

This TRUSS LIFTING BARGE was designed for THE River Bridge Building Marine Construction companies. Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

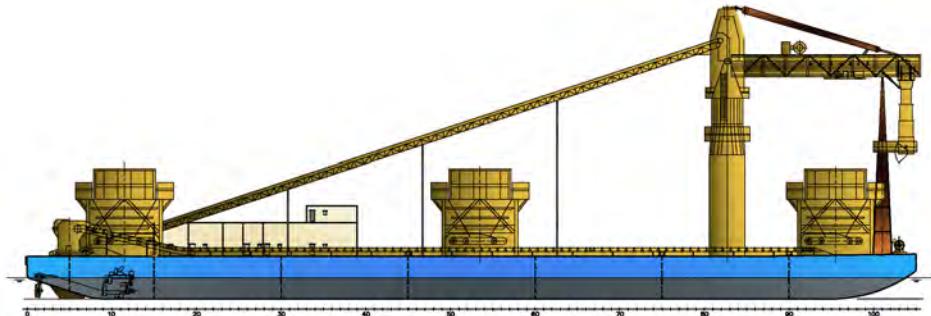
**Cybermarine Offshore Technologies LLC**

10101 Harwin Drive, Suite 250, Houston, Texas, 77036, USA. | O: +1-713-988-1784 | F: +1-713-988-1787 | C: +1-832-540-7738  
[www.cybermarine.net](http://www.cybermarine.net) | [houston@cybermarine.net](mailto:houston@cybermarine.net)

M A R I N E   C O N S T R U C T I O N

## UNLOADER BARGE

COT.MCP.032



LENGTH	:	344.48 Ft.
BREADTH	:	98.42 Ft.
DEPTH	:	19.68 Ft.
DRAFT	:	9.84 Ft.

This UNLOADER BARGE was designed for MAXIMISING Port handling of incoming cargo. The barge design has a crane (2 crane designs are available) which discharges dry bulk cargo into hoppers which in turn empties the cargo onto a conveyor belt. The cargo is carried onto the discharging facility and discharged by a telescopic chute. Cargo handling capacities, crew accommodation and power system can be made as per client requirement. Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

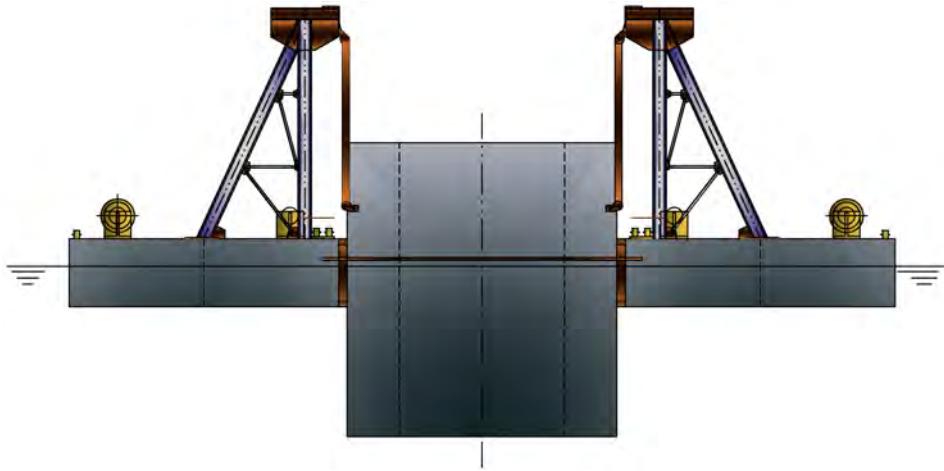
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## WELL BARGE

COT.MCP.033



LENGTH	: 52.49 Ft.
BREADTH	: 26.24 Ft.
DEPTH	: 6.56 Ft.
DRAFT	: 3.93 Ft.
STEEL WEIGHT	: 36.70 T

Modification to the existing design to suit client specification and requirement taking local environmental conditions can be made. Details available immediately upon request.

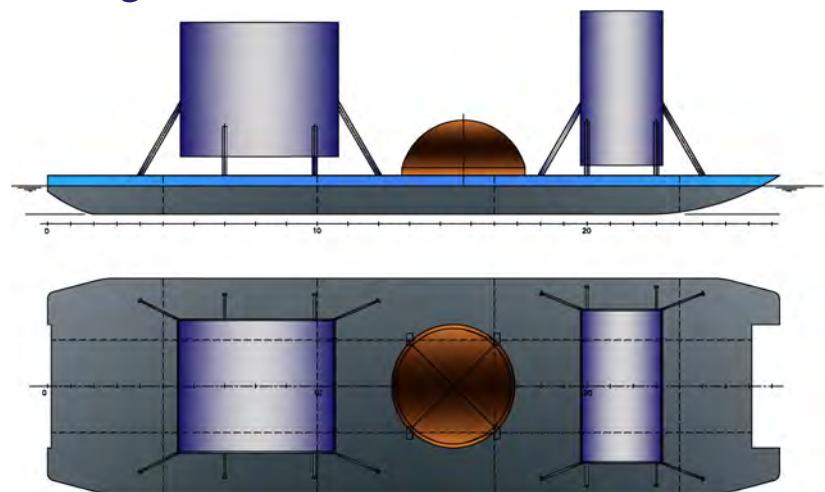
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MARINE CONSTRUCTION



# Cybermarine



## SEA TRANSPORTATION

COT.MCP.034

LENGTH	:	155.83 Ft.
BREADTH	:	45.93 Ft.
DEPTH	:	8.20 Ft.
DRAFT	:	6.00 Ft.

CYBERMARINE carries out the following for over size, heavy project cargo carried in rivers, near-coastal, coastal and sea on barges : Our scope includes :

(1) Assessment of barge from those offered. (2) Lashing arrangement. (3) Calculation of stability for stated ocean/river route. (4) Documentation including calculations for insurance/approval authorities. About a 100 such activities have been carried out by Cybermarine in the last decade in the M-East and S-East Asian region. Details available immediately upon request.

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## LINKSPAN ASSEMBLY

COT.MCP.035

LENGTH	: 315.17 Ft.
BREADTH	: 23.95 Ft.
DEPTH	: 22.61 Ft.
DRAFT	: 628.10 Ft.



CYBERMARINE has designed this linkspan assembly over a length of over 290 Ft. This was facilitated to enable Cars board a Ro-Ro from a tidal, low draft jetty to a Ro-Ro vessel. This was a logistical solution to prevent roads clogging with traffic while allowing better utilisation of the Ro-Ro vessel. Wave surge, tidal conditions were considered and was a success. Details available immediately upon request.

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M A R I N E C O N S T R U C T I O N

