

ABS/USCG A60 Offshore Service Module

PRESSURIZED MODULE FOR HAZARDOUS AREAS



Class I, Div I/ Div II and Zone 1, 2

Multiple safety features allow the module to be used in hazardous areas.

Fire Safety

Fire Detection and gas detection. Optional H2S

Recessed Ends

Utilities and connections in recessed end - avoid damage and accidents.

Certifications

ABS
USCG
IMO & SOLAS
Optional DNV

Control Panel

Monitors cabin pressure, high & low gas levels, fire and smoke, and voltage inputs

Easy Installation

Twist Lock installation for safer and quicker installation.

A60 Construction

Withstand fires for up to 60 minutes - H60/H120 options available.

The HB Rentals ABS/USCG/DNV A60 Offshore Service Module represents the pinnacle of safety and work space design. Built certified to the latest Code of Federal Regulations, it can be used on fixed production and drilling platforms, jack-up rigs, vessels and semi-submersibles in the most hazardous offshore environments.

Certifications:

- US Coast Guard 46CFR Subchapters I, I-A,L, SOLAS
- Class I/Div I and Class I/Div II
- ABS Guide for Portable Accommodation Modules
- ABS Rules for Building and Classing Offshore Installations
- ABS Guide for Building and Classing Floating Production Installations
- Zone 1 and Zone 2
- ABS Rules for Building and Classing Mobile Offshore Drilling Units
- Rules for Building and Classing Steel Vessels
- Rules for Building and Classing Steel Vessels Under 90 Meters (295 feet) in Length
- Rules for Building and Classing Steel Barges
- IMO/SOLAS

Tested:

- NFPA 496 - Standard for Purged and Pressurized Enclosures for Electrical Equipment

Certified to Regulations – Designed for Extreme Marine Environments

- Class I/Div II, Class I/Div I, Zone 1, Zone 2, A60, H60/H120, and blast ratings for use in harsh offshore environments.

Operate in Hazardous Conditions

- Certified to either Class I/Div I or Class I/Div II, Zone 1 or Zone 2.
- Pressurized Cabins – A control panel for pressurization and shutdown monitors cabin pressure, high & low gas levels, fire & smoke and voltage inputs.
- Alarm event triggers cabin “safe mode.”
- Highly reliable dual HVAC system designed for hazardous locations creates a redundant system.

Maximize Worker Safety

- Up to 500 mbar blast rated modules provided.
- A60 rated construction with optional H60/H120 available.
- Optional gas detection - LEL, H₂S, CO.
- Optional alarm integration with host vessel/platform.

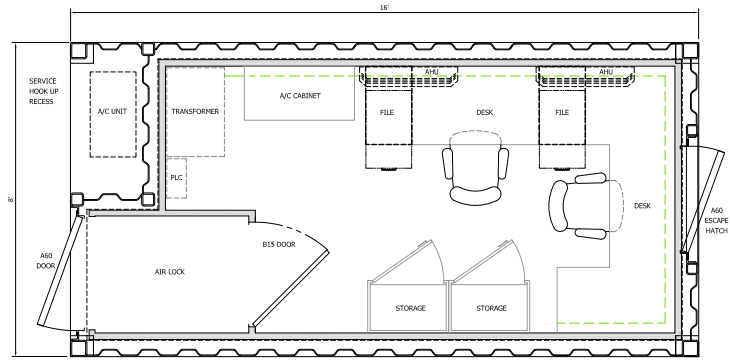
Versatile – Built to Serve Multiple Purposes

- MWD, mud logging, laboratory, equipment and control room, ROV, test cabin, telecom, office and workshops.
- Various footprint - Standard 8' x 12', 8' x 16', 8' x 20', 9' x 25' and 9' x 28' floor plans or order a tailor designed module with a custom footprint.
- Roxtec connections provide equipment hook up and ingress protection.
- Quick Connections to mains power and remote alarms for easy hook up and use.
- Plug and Play - Reduced offshore set up time.
- Power - PA/GA, alarms, fire and gas detection, cabin “shut down.”
- Stackable design for a compact footprint.

Exterior



Overhead Layout



PLAN VIEW: GENERAL ARRANGEMENT

Specifications

Dimensions:

- 8' x 12' • 9' x 25'
- 8' x 16' • 9' x 28'
- 8' x 20'

Weight:

- 14,800 lbs; SWL 24,000 lbs
- 18,500 lbs; SWL 24,000 lbs
- 20,000 lbs; SWL 24,000 lbs
- 25,000 lbs; SWL 30,000 lbs
- 28,000 lbs; SWL 33,000 lbs

Structure

- ABS Guide for Portable Accommodation Modules
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- ABS Guide for Building and Classing Floating Production Installations
- ABS Rules for Building and

Classing Mobile Offshore Drilling Units

- Rules for Building and Classing Steel Vessels
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- 90 Meters (295 feet) in Length Rules for Building and Classing Steel Barges

Slings

Designed for Single point lifting

Transportation

Fitted with ISO Casting CSC Approved optional

Fire Rating

A60
H60/H120 Optional

Fire & Gas

F&G Panel
CO/H2S/LEL Optional

Fire Damper

Electro-mechanical Actuation

Zone Classification

Class I/Div I
Class II/Div II
Zone 1
Zone 2

Protection System

Safe by Pressurization
NFPA 496

Blast Rating

- Up to 500mbar provided

Climate Control

- Dual HVAC System

Power Supply

- 3Ph
- 480 V 4W 40amp
- European voltages available

more info at www.hbrentals.com

Regional Offices

Corporate Headquarters

5813 Highway 90 East
Broussard, LA 70518 USA
Tel +1 337 839 1641
Toll Free 800 262 6790

Americas Corporate Sales

11330 Clay Road
Ste 200
Houston, TX 77041 USA
Tel +1 281 999 0047
Tel +1 281 999 6505
Fax +1 281 999 6505
Toll Free 866 999 0040

Europe, Middle East Africa, Asia-Pacific

Howe Moss Drive
Kirkhill Industrial Estate,
Dyce, Aberdeen, AB21 OGL
Tel +44 1224 772304
Tel +44 1224 772641
Fax: +44 1224 772641

Offshore Operating & Service Facilities

Aberdeen, UK

Europe, Middle East, Africa, Asia-Pacific Support

Broussard, USA

Main Operating Facility

Trinidad and Tobago

Ciudad del Carmen, Mexico

Global Markets

Asia-Pacific
Europe
Middle East
Mexico
Trinidad and Tobago
United States/
Canada