

Quality Without Compromise

CASE STUDY: MISSISSIPPI CANYON



PROJECT: End-to-End Solutions for Mississippi Canyon

INDUSTRY: Oil & Gas

In the Gulf of Mexico's Mississippi Canyon, an HB client specializing in "floatels" signed a contract to supply temporary accommodations in support of a semi-submersible platform. The contract stipulated two challenges: a very tight delivery schedule and high client expectations for quality accommodations. The project required eighteen rental accommodation modules, available within a specific window when the vessel would be in port, with a temporary living quarters custom engineered to the limited vessel footprint.

CHALLENGE

As a competitively bid project, HB Rentals understood that they had to execute at breakneck speed. The client faced financial penalties if they missed milestone dates. To accelerate the process HB scheduled an on-site survey while the vessel was still engaged on a prior project in Mexico. This highly unusual advance survey significantly cut shipyard schedule and allowed for more accurate budgeting.

HB also knew that product and installation quality were just as important as speed of delivery. For the end-use customer, there is nothing more important than platform safety of which a key contributor is a good night's rest.

SOLUTION

With the project in hand, HB got to work. The schedule called for the vessel to end its current project in Mexico at month end, then return to port for temporary modules to be installed and permanent modules refurbished – in just one month's time. Additionally, the work had to be certified by Lloyd's Register given that the floatel is a Lloyd's class vessel.

HB had the available inventory of rental modules, the ability to accommodate special requirements such as a muster point on top of the stacked modules, fabrication capacity to refurbish the permanent modules, engineering

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SOLUTION (cont.)

expertise to optimize the very limited vessel footprint and project management resources to pull the challenging project together. To ensure a smooth installation, HB deployed an onsite Project Manager who could resolve any issues should they arise, allowing for a faster and smoother installation.

RESULTS

Most importantly, the client's vessel sailed on time. The custom engineered complex included two and three high stacked modules to accommodate up to 120 workers with temporary living and working quarters. All of the modules were A60 – ABS/USCG designed and configured into a self-contained living complex with walkways, platforms and stairways.

This was not HB Rentals first project with the client nor is it expected to be the last. HB's end-to-end packages are designed to meet customer requirements as they vary from project to project. It's this flexibility, and the ability to deliver superior quality under pressure, that the client has come to value from HB. They had confidence from past experience that HB could meet the tight schedule and demanding quality requirements – without compromising their project's profitability.

RESULTS HB RENTALS ACCOMPLISHED:

- No delays in production or sail date
- Met the end-use customer's high quality expectation
- Delivered a complete end-to-end package as a single source supplier
- Quick issue resolution
- Enhanced productivity of workers in a remote location
- Created a more comfortable environment for the workforce

PROJECT SNAPSHOT: MISSISSIPPI CANYON

HB Rentals built a custom solution for the vessel with accommodation modules, auxiliary facilities and operating essentials including:

- 5 A60 – ABS/USCG 12 Man Sleeper (12' x 42'6" x 10')
- 5 A60 – ABS/USCG 12 Man Sleeper (12' x 41' x 10')
- 1 A60 – ABS/USCG Office
- 1 A60 – ABS/USCG Locker/Change Room
- 1 A60 – ABS/USCG Diner
- 1 A60 – ABS/USCG Rec Room
- 1 A60 – ABS/USCG Rec Room/Smoker Room
- 1 A60 – ABS/USCG Gym
- 1 A60 - ABS/USCG Sickbay
- 1 A60 - ABS/USCG Food Storage/Prep Building
- 2 Reefer Units
- 1 Spare Parts Container
- 2 Laundry Pavilion Skid
- 38 Platforms
- 2 Walkways
- 11 Stairways
- 12 Short Steps (Side Egresses)
- 16 Stair Supports
- 3 F&G Panel: Installation/Calibration
- 18 Gas Detection
- 3 Distribution/Transformer Skid
- 2 Receptacle Racks
- 2 Power Cords
- 3 USCG - MSD Units
- 11 Sewage Lift Pumps
- 2 Hoses
- 1 Water Purification System
- 1 Food Grinder

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