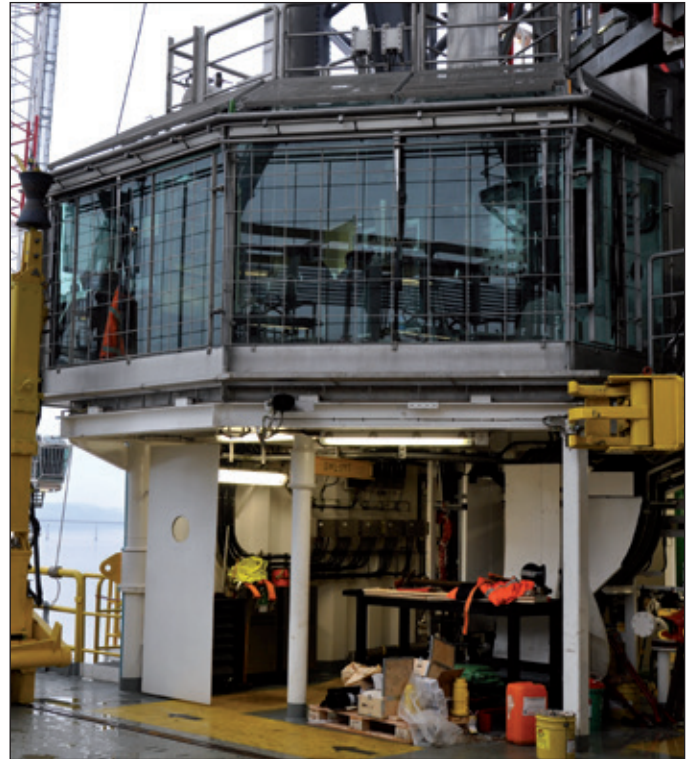


Drilling Control Room

Cameron delivers a range of drilling control rooms (DCRs) to the drilling industry. Our product offerings range from compact one-seater cabins to large well-construction centers, able to house essential drilling control and monitoring equipment, as well as several operators and any additional auxiliary equipment and personnel.

Each DCR is custom-designed to meet the specified drillfloor layout and requirements. Cameron engineers control rooms for installation in any position that provides good overview and proximity to the drilling equipment. We can also design and deliver DCRs for elevated mounting (three to four meters above the drillfloor).

Cameron's DCR may be designed with one to five X-COM™ chairs. The DCR is ergonomically designed to high standards with large windows, excellent views with a purpose-designed wiper system and fully insulated against noise and vibration.



Main Features

- Self-supporting carbon steel unit (optional stainless steel)
- Integrated X-COM
- High-level noise and vibration dampening
- Line of sight investigated and confirmed via a clash and layout analysis using the project documentation
- Fully-automatic window-cleaning system programmed for different weather conditions
- Fully-adjustable downlights and emergency lighting fixtures with better backup in case of main power failure

Safety Features

- Removable, easy-to-clean, non-slip floor tiles
- Recessed ceiling with noise dampening
- Two safety/emergency exits
- Sun-filtered safety windows with protection bars and grids to protect the top windows from falling objects and the front windows and DCR from moving objects
- Remote-controlled drilling operation

Technical Specifications	
Construction	Self-supporting, welded steel construction (optional stainless steel)
Exterior	Carbon/painted (RAL 9003) steel plates according to Norsok specifications version available
Lifting type	Approved pad eyes
Window type	Sun-filtered safety glass
Window protection	Top and front windows equipped with protection grid
Window cleaning	Wipes and washers mounted on top and front windows
Internal walls	Wall plates covering high-density insulation
Ceiling	Ceiling modules covering high-density insulation
Floor	"Anti-slip"-type elevated, mud-resistant floor tiles
Mounting	Mounting studs welded to structure
Internal noise level	> 65 dB(A) at 85 dB(A) at the outside
Internal lighting	Recessed light fixtures, adjustable downlights
Forced ventilation design	(*) Minimum 8 air changes per hour
Temperature control	(*) 19 to 26° C at -20 to 40° C ambient (*) 66.2 to 78.8° F, at -4 to 104° F ambient
Hazardous area classification	Safe by ventilation
Temperature	(*) 19 to 26° C inside at -20 to 40° C ambient operating, 0 to 40° C transport/storage (*) 66.2 to 78.8° F inside at -4 to 104° F ambient operating, 32 to 104° F transport/storage
Humidity	5 to 85%
Vibration	1 g acceleration peak-to-peak (17-500 Hz)
Size	Dependent on layout
Weight	Dependent on layout



Scope of Supply	Options
One custom-designed DCR with the following features:	Cable ladder (DCR to roof)
Self-supporting, skid-mounted cabin (painted carbon steel) with vibration dampeners, noise and thermal insulation	Ceiling-mounted LCD display unit (overhead console)
Mounting frame placed on Sylomer M25 (vibration-dampening material)	Center desk behind the X-COM with space for free-issue equipment
Raised floor with non-slip tiles (600 mm x 600 mm)	One or two side screens for VGA interface to CCTV system, mud logger, directional driller, etc.
Laminated sun-filtered windows fitted with protective bars and grids	Work desk with one chair
Preparation for mounting of one X-COM operator station	Installation of client-supplied auxiliary equipment, including fire and gas repeat panel, BOP/diverter panel, telephone, driller's intercom, PA speakers, emergency shut down, flashlight, fire extinguisher, first aid kit, oxygen breather kit
One ex-type light fixture with battery backup (2x18W) integrated in the recessed ceiling of the DCR	Radio/CD player
Utility pole for telephone, talkback system, UHF radio, lights and window washer system controls	Electrical sun blinds
Interface panel for X-COM control equipment: Auxiliary DCR control (internal power distribution, light control) Auxiliary electrical/data interfaces (network equipment)	Stainless steel exterior
Wipe/wash system installed, including piping, washer tank, nozzles and control equipment	
Main door with automatic return, integral window, stainless steel lock and gas-tight seals	
One emergency exit hatch	
Preparation for emergency stop button installation	
White board, integrated shelving section (to suit A4 files), coat/hat rack	
Prepared for connection to air-forced ventilation system	

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