

Hebron Living Quarters (LQ)



CLIENT: Worley Parsons

TYPE: EPC, Electrical, Instrumentation, Structural, and Mechanical

SECTOR: Oil & Gas

DURATION: 2012 – 2016

LOCATION: St. John's, Argentia, and Bull Arm, NL



The Hebron LQ is the largest offshore accommodations module built in Newfoundland, designed and fabricated to the latest offshore safety standards.

Scope of Work

NEAL, a partnership between NECL and Apply Leirvik, provided all EPC services including:

- Detailed engineering.
- Fabrication, outfitting, electrical, instrumentation, and mechanical completion.

Highlights

- All work completed at Bull Arm without a lost time incident.
- A complex design of stressed skin construction.
- Cantilevered structure, modular and stick build.
- Hybrid steel aluminum solution to reduce weight without compromising structural integrity.
- Fabrication at multiple Cahill facilities, final assembly and integration in Bull Arm.

Quick Facts

3,000 tonnes, 7 stories high – size of LQ.

220 Personnel On Board (POB).

300 tonne weight reduction by converting top three floors from steel to aluminum.

1,000 at peak employment.