

The drilling unit Labin, type Levingston 111C, was built at the “Viktor Lenac” shipyard (Rijeka, Croatia) in 1985.

Owned by Crosco, Labin performed services until 2003 in the Mediterranean and the Adriatic Seas, mostly consisting of drilling of gas exploration and production wells and completion and testing of the existing wells.

During that period Labin remained highly competitive with other drilling units of same type owing to regular maintenance and replacement of old equipment, respecting the improvements in drilling technology and safety

Reasons For Reconstruction

A) Operator requests (ENI Agip):

- Cantilever skidding capacity
- Enlargement of the existing living quarters
- Deep sea operations capability
- Mud tank capacity
- Requested distance between transom and spud cans because of slanted jackets legs

C) World market requests:

- Third mud pump as standard equipment
- TSafety system improvements
 - –fire detecting system
 - –H₂S and CH₄ detection system
 - –firefighting system (halon replaced with ecological gas, sprinkler system in living quarter)
- Zero discharge
- Third pedestal crane
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Engineering & project management

Reconstruction was designed and mostly performed by experts from Crosco, in cooperation with Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb.

Crosco acts as the sole manager and leader of the project. Several subcontractors were engaged plus the human and technical resources of the company.

The project and the whole work performed on Labin were verified by ABS.

Location of reconstruction:

After the analysis of technical requests, marine conditions and geographical position, Crosco decided to make the reconstruction at the “Nauta Lamjana” shipyard on the island of Ugljan (Zadar, Croatia).

Crosco hired the shipyard together with all its facilities.

Enlargement and extension of the unit hull, replacement of hull plates, repair of tanks

More stability is added to the unit when being towed (or floating) regardless of the newly added weight. Ability to obtain class certificate for the next 5 years.