

## Port Alfred

Alumina unloading crane rehabilitation work  
(SHIPUNLOADER UT-8)

Client           ⇒    **LAR Machinerie**  
Location       ⇒    **Rivière Saguenay**  
Year            ⇒    **2001-2002**

[www.rding.ca](http://www.rding.ca)



- Rehabilitation of the crane : structure and mechanic
- Design of the temporary equipment required to restore the unloading crane UT-8
- Design engineering (design, drawings and technical procedures)



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- Fatigue analysis follow-up and control procedures
- Site supervision during work
- Crane weight = 400 tons and height = 45 m (148')