



## ROAM MARINE

Z Marine Pty Ltd  
ABN 52 144 660 702  
34 Crossways, Cnr Rokeby & Bagot Rd  
Subiaco, WA 6008, Australia

Mb 0413 933 163  
Phone 9381 9091  
Email [mhannaford@roam-marine.com](mailto:mhannaford@roam-marine.com)  
Web [www.roam-marine.com](http://www.roam-marine.com)

**Project:** New Caledonia – Tiebaghi

**Client:** Societe Le Nickel

**Contractor:** Barclay Mowlem

**Year:** 2004-5

**Contract period:** 12 months

**Project scope:**

The scope included the design and construction of a 1200m trussed jetty shiploader supported on a steel-piled jetty 1200m long, a new stockyard, all associated works such as truck dump hopper, 500m stockyard conveyor, and transfer towers.



**Roam scope:**

Roam provided design for temporary works such as pile frames, pile gates, formwork, test pile and headstock welding platforms.

Transportation was via a crane and trolley that travelled along the temporary jetty. The jetty was also used for fendering and mooring of incoming barges. The design of the temporary jetty and crane trolleys were reviewed and checked by Roam.



Roam performed all the engineering for the assembly transport lifting and installation of the 380t shiploader. It is a truss structure 100m long with an internal shuttle. The structure was broken down to 4 lifts up to 100t. The modules were assembled onshore and lifted with jacks onto trailers for transport to the base of the temporary jetty. A 100t crane lifted one end at a time onto the trolleys that rolled to the end of the temporary wharf where the shear leg barge took the load offshore for installation.







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## **Project: New Caledonia – Tiebaghi**

Three shiploader sections being loaded out – 85t, 95t, 95t - up to 36m long \* 9m high \* 8m wide



Lifting and placing Section 1



Lifting and placing Section2 and the 102t shuttle that slides inside the main box truss on rollers

