

USA : RELOCATION OF STS CRANES FROM GEORGIA TO PUERTO RICO

PROJECT	EQUIPMENT	WEIGHT
H. INDU. / SHIPBUI.	SPMTs / BARGE / RO-RO RAMPS BALLAST PUMPS	944 TON (AGGREGATE)

Fagioli Inc. USA was contracted for the demanding project to relocate No. 3 Ship-to Shore cranes from USA to Puerto Rico. Fagioli Inc. supplied the labour, supervision, engineering, ballast equipment, land transport equipment, support equipment, ro-ro ramps, mats, tools necessary to execute the load-out and load-in operations required by the project. Main phases of the whole operations were the following. Fagioli positioned SPMTs Trailers nearby the STS Cranes in order to receive the cranes' boogies with a weight up to 240 ton. The crane boogies were taken away from the STS Cranes and connected each pair together.

This operation was repeated twice for the remaining cranes. Upon arrival of the barge on quay side, Fagioli moved the SPMT Trailers underneath the first STS crane upper body (weighing 704 ton), taking the load and installing bracing as required. Fagioli used 48 axle lines SPMTs to move the crane upper body crane.



The section, 53 m high, was rolled onto the barge and positioned according to the Client requests for the seafastening and stowage operations. Then a load out of the bogie assembly was performed. The loading operations were repeated twice for the remaining two STS cranes. Fagioli provided the ballast plan and ballast supervision during the load-out and load-in operations. Once the barge arrived at San Juan pier in Puerto Rico the load-in operations were executed in accordance to the storage plan provided by the Client to Fagioli. Fagioli Inc. Usa utilized for this project the following equipment: up to 48 SPMT Axles and relevant Power Pack units, accessories and spare parts; Ballast Pumps required to carry out ballasting of the Barge; A hurricane hit Georgia State during the assembly operations which caused some problems, which were anyway solved and did not jeopardize the transport activities.

