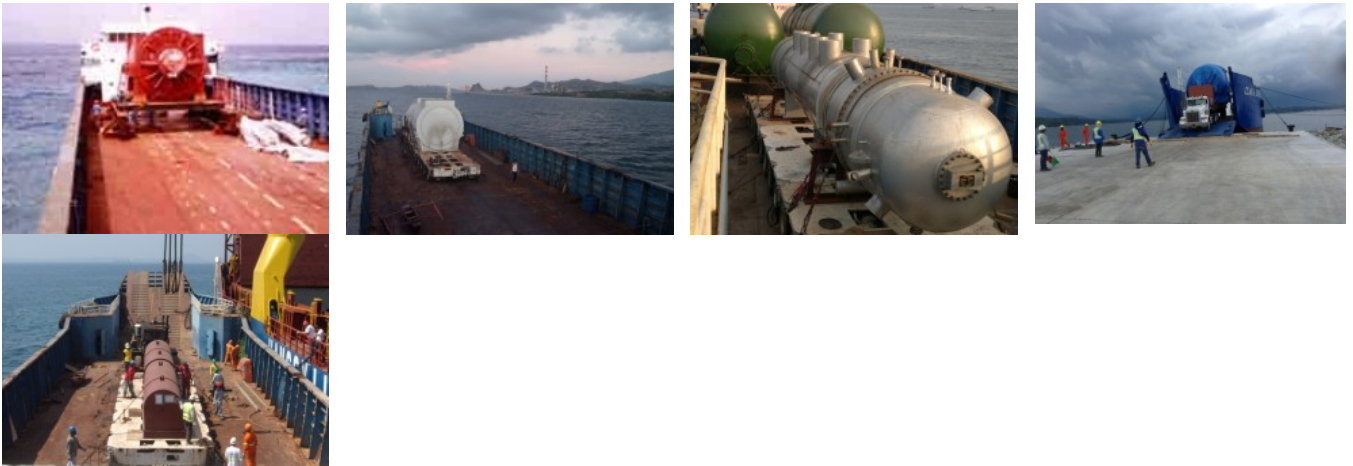




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## **LCT Moves**



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One advantage MOF Subic has is ownership of three 1200 DWT LCT's. Many of the project sites in the Philippines are not accessible by land. Being able to receive the cargo in protected waters then sail to the designated site and roll or lift the cargo off means more control over arrival of equipments on site.

With land and sea covered, our client's cargo gets to it's destination safely and on schedule.

Engineering investigation is often necessary for special loads such as the one shown at right. Temporary supports were needed to transport the 260T Generator shown . Finite structural models of the deck and the structure underneath were run and the analysis results used to confirm the adequacy of the loaded points.

Likewise , sea stability was ensured by calculating the required ballast water to trim the LCT for the voyage. Based on the hydrostatic curves for the LCT, an analysis was made as to the stability of the vessel against list, roll and yaw.