



LOCATION		YEAR	
Guatemala		PROFESIONAL SERVICES	CONSTRUCTION (If applicable)
		2005	2005
PROJECT OWNER INFORMATION			
a. PROJECT OWNER	b. CONTACT NAME	c. CONTACT PHONE NUMBER	
Maritime Claims Americas, Inc.	Lic. Fernando Lorenzana	+502-2368-2673	
PROJECT REPORT (Reach, Size and Cost)			

Project Background – On November 17 2004 the Silver Clipper ship collided with the No 3 Pier structure on Santo Tomas de Castilla Port causing its partial destruction. Our company was hired by Maritime Claims Americas Inc. to do an evaluation and repair the dock to its original shape.

Damage Evaluation - Damage evaluation did include a complete evaluation of the damage for the reconstruction planning including submarine structures.



Submarine Demolition – The submarine demolition required special equipment and specialized personnel including divers and hydraulic jaws, during this process a safety plan was executed and special measures were taken for the preservation of submarine life.

Piles Ramming - For the reconstruction 9 concrete piles were lamed into submarine soil using a diesel hammer mounted on tracks.

Concrete Structures - Floor, beams, bollards and defense anchorages were reconstructed to its original design specifications using specified materials (steel, steel coatings, concrete and concrete additives).

Project Key Elements
➤ Damage Evaluation
➤ Submarine Demolition
➤ Concrete Structures
➤ Rammed Piles

