



ENAGAS Regasification Terminal LNG Storage Tank BARCELONA, SPAIN

PROJECT HIGHLIGHTS

- Preload worked with contractor Auxini as a joint venture to successfully meet this challenge. The group proposed a unique double-wall storage facility that incorporated several innovative features.
- These included:
 - a tank design with both primary and secondary walls made of prestressed concrete,
 - an insulation deck suspended from the roof to form the ceiling of the inner tank,
 - and a 24" diameter gas withdrawal line uniquely designed for the purpose of reducing boil-off.
- The tanks were also specified to withstand cold shock that can occur from LNG coming in contact with the tank's outer surfaces, and thermal radiation flux caused by a fire lasting up to 5 hours.

Location:	Barcelona, Spain
Consulting Engineer:	Preload Cyrogenics
Construction Date:	1981
Application:	LNG Storage
Capacity:	80,000 m3 (21.1 MG) (180.5' ID x 115.9' SWD)
Owner:	ENAGAS, S.A.

