

4 x 2,000 m³ LPG-Carrier "H.2250-2253" for PANWELL, Hongkong

Project Data:

Shipyard:

JIANGNAN SHIPYARD, China

Year of completion: 1999/2000

Classification:

(CCS) China Classification Society

TGE scope:

EPCS-contract for gas handling system and cargo tank material package

Vessel:

2,000 m³ fully pressurised
LPG-carrier

Length o.a.	84.0 m
Beam:	14.0 m
Depth (main deck):	6.5 m
Draught (LPG):	4.0 m
Speed:	11.0 kn



Characteristics of gas plant:

- Capacity: 2,000 m³
- Number of cargo tanks: 2 (cylindrical type)
- Material: High strength steel TSTE 620
- Cargoes: LPG
- Design temperature / pressure: - 10°C / 17.5 bar g acc. to IMO / CCS
- Maximum cargo density: 650 kg/m³
- Number of segregations: 1
- Cargo manifolds: 1 liquid line, 1 x 6", ANSI 300 lbs flanges
1 vapour line, 1 x 3", ANSI 300 lbs flanges
- Loading-/ unloading-rate: 300 m³/h / 300 m³/h
- Deepwell pumps: 2 x 150 m³/h at 120 m LC

Gas transfer compressor:

1 oil-free reciprocating compressor,
capacity 300 – 350 m³/h

Cargo piping system:

Low temperature carbon steel