

## 3,000 m<sup>3</sup> LPG-Carrier MT "Kun Peng" (ex "Hua Yue") for Guangdong Petrochemical Corp., P.R. China

### Project Data:

#### **Shipyard:**

JIANGNAN SHIPYARD, China

**Year of completion:** 1990

**Classification:** ZC/GL

#### **TGE scope:**

EPCS contract,  
gas handling system & cargo tanks

#### **Vessel:**

3,000 m<sup>3</sup> fully pressurized  
LPG-carrier

Length o.a.	97.0 m
Beam:	14.6 m
Depth (main deck):	6.6 m
Draught (LPG):	5.0 m
Speed:	14.0 kn



### Characteristics of gas plant:

- Capacity: 3,000 m<sup>3</sup>
- Number of cargo tanks: 2 (cylindrical type)
- Material: TSTE 620 V, high strength fine grain steel
- Cargoes: LPG
- Design temperature / pressure: -10°C / 17.5 bar g acc. to IMO  
11.0 bar g acc. to USCG
- Maximum cargo density: 626 kg/m<sup>3</sup>
- Number of segregations: 1
- Cargo manifolds: 1 liquid line, 1 x 6", ANSI 300 lbs flanges  
1 vapour line, 1 x 4" ANSI 300 lbs flanges
- Loading-/ Unloading rate: 300 m<sup>3</sup>/h / 300 m<sup>3</sup>/h
- Deepwell pumps: 2 x 150 m<sup>3</sup>/h at 120 m LC

### Reliquefaction system:

Not applicable  
1 x oil-free gas transfer compressor, capacity abt. 350 m<sup>3</sup>/h

### Cargo piping system:

A 106 Gr A/A 105 Gr I