

# FSO HIKARI ORIENT



<b>Location</b>	<b>: Dai Hung Field, Vietnam</b>
<b>Water Depth</b>	<b>: 110 m</b>
<b>Weather Environment</b>	<b>: Typhoon area</b>
<b>Field Operator</b>	<b>: Vietsovetro</b>
<b>Year Built</b>	<b>: 1975</b>
<b>Classification</b>	<b>: ABS</b>
<b>Registration</b>	<b>: Panama</b>
<b>In Service</b>	<b>: 1994 - 2002</b>

**Tanker Pacific Offshore Terminals Pte Ltd**

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## Main Dimensions

LOA	: 317 m
Length BP	: 300 m
Extreme Breadth	: 50 m
Extreme Depth	: 27 m

## Basic Design

The conversion was carried out in two phases at Singapore's Jurong Shipyard.

Full conversion includes installation of the following:

- ▲ Tandem discharge system with quick release hook and quick connecting/disconnecting coupling
- ▲ Metering system
- ▲ Helideck
- ▲ Laboratory housing
- ▲ Deck crane
- ▲ New cargo heating arrangements
- ▲ Radio equipment
- ▲ Improvements to the accommodation
- ▲ Bow mooring and import manifold with quick release hook and quick connecting/disconnecting coupling



## Tank Capacities

Crude Storage @ 98%	: 1,552,730 bbls
Slop Tank	: 35,651 bbls
Ballast Tank	: 416,094 bbls

## Main Components

Mooring System	: Soft mooring
Export System	: Tandem



## Other facilities

Custody Transfer Meter	: Maximum rate of discharge is 35,000 bbls/hr
Cranes	: One offshore crane, 5.6 tons @ 30 m max outreach/16 tons @ 14 m
Accommodation	: 45
Helideck	: Yes

## Product loading/export

Design loading max. rate	: 35,000 bbls/day
Design export max. rate	: 35,000 bbls/hr

