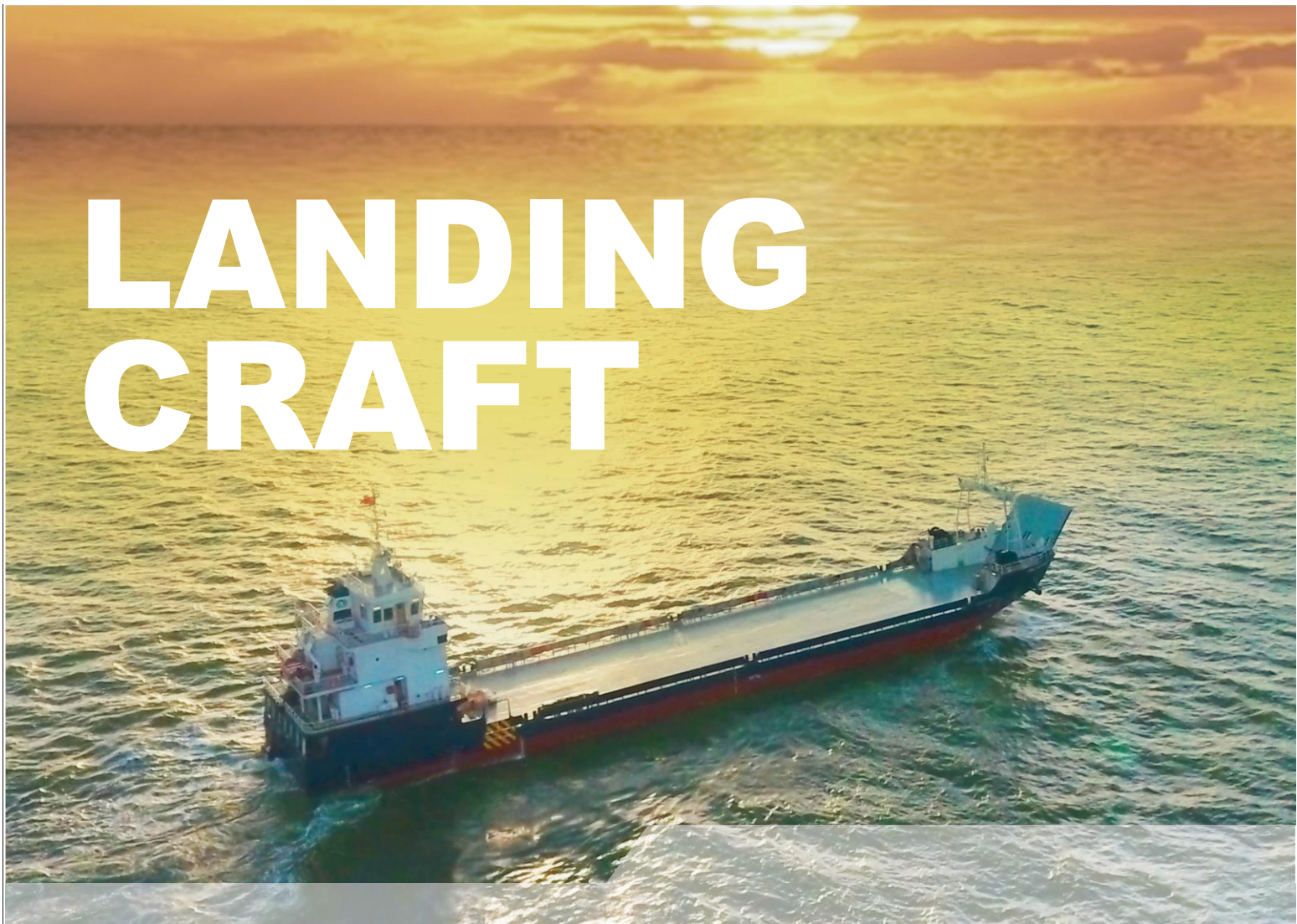


LANDING CRAFT



L.O.A: 79.80 Meters
Breadth: 16.80 Meters
Classification: Bureau Veritas (BV)

VT 17 is a highly versatile sea going Kort nozzle twin-screw diesel-powered vessel. The design of this vessel is suitable for cargo operations in shallow waters, area without proper ports or jetties. Furthermore, it carries cargo and vehicles for fulfilling the demand of logistic and transport and support task in remote and rural areas worldwide.

VT 17 has a very high flexibility in operations. It has heavy duty bow ramp and rake of keel for optimum vessel wading depth and also for direct transfer of vehicles to or from the vessel. In addition, 740m² of free deck space makes VT 17 a flexible logistic solution.



INNOVATION

All of our vessels benefit from knowledge gathered during ongoing research with local Classifications and previous clients.

Our vast experiences in oil and gas industries with different reputable clients leads us to build vessel of top-notch quality.

- Flexibility of upgrade
- Cargo tank for fuel oil and fresh water
- Flexibility of container arrangement options
- Harbour genset and Emergency genset combination
- 100% Air-Cond system redundancy
- Hull design improvement base on feedback from multi-international delivery
- Ease of power management on fuel efficiency
- Ease of compliance to international flag requirements e.g. AMSA.

LANDING CRAFT

General

| | |
|------------------|---|
| Basic Function | Landing Craft |
| Classification: | Bureau Veritas |
| Notation: | BVI HULL• MACH, Deck ship, Unrestricted navigation, Special purpose ships, MLC 2006 |
| Descriptive note | Container vessel, General Cargo for shallow operation. |
| Gross tonnage | 1850Ton |
| IMO | 9906726 |

DIMENSIONS

| | |
|--------------|--|
| Length O.A: | 79.80m |
| Length B.P: | 74.90m |
| Breadth Mld: | 16.80m |
| Depth Mld: | 4.90m |
| Max Draft: | 3.60m |
| Endurance | Approx. 30 days Range: Approx. 4000 nautical miles at 10.5 knots service speed. |
| Deadweight | EST 2335.37T |

CARGO CAPACITY

| | |
|----------------------------------|------------------------|
| Cargo Fuel Oil: | 964.3 m ³ |
| Long Range Fuel Oil: | 723.2 m ³ |
| Cargo Fresh Water: | 368.6 m ³ |
| Deck Strength: | 15Ton/m ² |
| Open Deck Space: | est. 900m ² |
| Container Arrangement (Optional) | |
| Horizontal: | 108TEU |
| Vertical: | 144 TEU |

CARGO DISCHARGE RATE

| | |
|-----------|-------------------------------------|
| Fuel Oil: | Dia.80, 100m ³ /hr, 75TH |
|-----------|-------------------------------------|

TANK CAPACITY

| | |
|----------------------|----------------------|
| Daily Fuel oil: | 20.4 m ³ |
| Fuel oil Tank: | 274 m ³ |
| Fresh water: | 218.1 m ³ |
| Fresh water Ballast: | 1128.1m ³ |

PERFORMANCE

| | |
|------------------------------------|-----|
| Fuel Consumption at Max Speed: | TBA |
| Fuel Consumption at Service Speed: | TBA |
| Fuel Consumption at Standby: | TBA |

PROPULSION SYSTEM

1600hp @1800rpm
electrical start,
PT Elite Plus panel
with Gearbox

WAF665L RATIO 5.950:1

| | | |
|----------------------|----|---|
| Propellers: | 2X | FPP, Dia 2200 x 1470 x 4-Blade x R/L x BAR 0.55 with KORT-NOZZLE |
| Shafting System: | 1X | Oil Lubricate cooling system, with Wartsila stern tube seal and cast iron white metal lined bearing |
| Steering System: | 1X | 5 TM Hydraulic Steering System (Connecting Rod Type) |
| Bow Thruster Engine: | 1X | QSM11M 602BHP@2300RPM |
| Bow Thruster: | 1X | ZF TT 4000, L-Drive unit 449 kW@ 1576rpm |

AUXILIARY EQUIPMENT

| | | |
|-------------------------------------|----|------------------------------------|
| Network | | 415V, 50Hz |
| Marine Generator Engine: | 2X | CUMMINS QSB7-DM, C7.1 150eKW |
| Harbour Generator+ Emergency GenSet | 1X | 6BT5.9D(M) 80 eKW |

PUMP EQUIPMENT

| | | |
|-----------------------------|----|------------------------------|
| F.O Transfer Pump: | 1X | 15m ³ /hr @ 25mTH |
| Long Range Fuel Oil Pump: | 1X | 100m ³ /hr @75mTH |
| Long Range Striping Pump: | 1X | 30m ³ /hr@50mTH |
| Bilge/Ballast/Fire Pump: | 1X | 100m ³ /hr@50mTH |
| Bilge/G.S/Fire Pump: | 1X | 100m ³ /hr @50mTH |
| Emergency Bilge Pump: | 1X | 100m ³ /hr@50mTH |
| Emergency Fire Pump: | 1X | 40m ³ /hr@40mTH |
| Fresh water Cargo pump: | 1X | 100m ³ /hr@50mTH |
| Dirty Oil pump: | 1X | 5m ³ /hr @ 40mTH |
| Air-Cond S.W. cooling pump: | 2X | 50m ³ /hr @30mTH |

LANDING CRAFT

| | | |
|--|----|------------------------------|
| Chiller / Freezer S.W. cooling pump | 2X | 25m ³ /hr @ 30mTH |
| Freshwater pressure set | 1X | 5m ³ /hr @ 40mTH |
| S.W. pressure set | 1X | 5m ³ /hr @ 40mTH |
| Standby Pump for SW/FW pressure set | 1X | 5m ³ /hr @ 40mTH |
| Hot water circulating pump: | 1X | 3m ³ /hr @ 15mTH |
| EMR Package A/C S.W Cooling Pump: | 1X | 20m ³ /hr @ 20mTH |
| Sewage Pump: | 1X | 15m ³ /hr @ 20mTH |
| Sewage Treatment Plant: | 1X | 25 Person |
| Calorifier: | 2X | Joven 90 liter |

DECK LA-YOUT

| | | |
|---|----|---|
| Hydraulic anchor Windlass/Ramp Door: | 2X | Function: Anchor Windlass 12 ton at 12m/min, Dia.36mm U2 grade 50 ton Brake Holding |
| | | Function: Ramp Door 20 ton at 9m/min, 1 st layer Dia.24mmx 100m 50 ton Brake Holding |

RAMP SYSTEM

| | | |
|-----------------------------------|----|--|
| Door Dimension: | 1X | 8.9m(W) x 9.2m(L) S.W.L80T Per Msq |
| Loading Condition System Type: | | Container Forklift Electric Driven Hydraulic System with 8 roller sheave each side. |

ACCOMMODATION

| | |
|---------------------------------|--|
| Berths: (with attach toilet) | One (1) men Room x 2 Two (2) men Room x 8 |
| Berthstotal: | 18 Men |

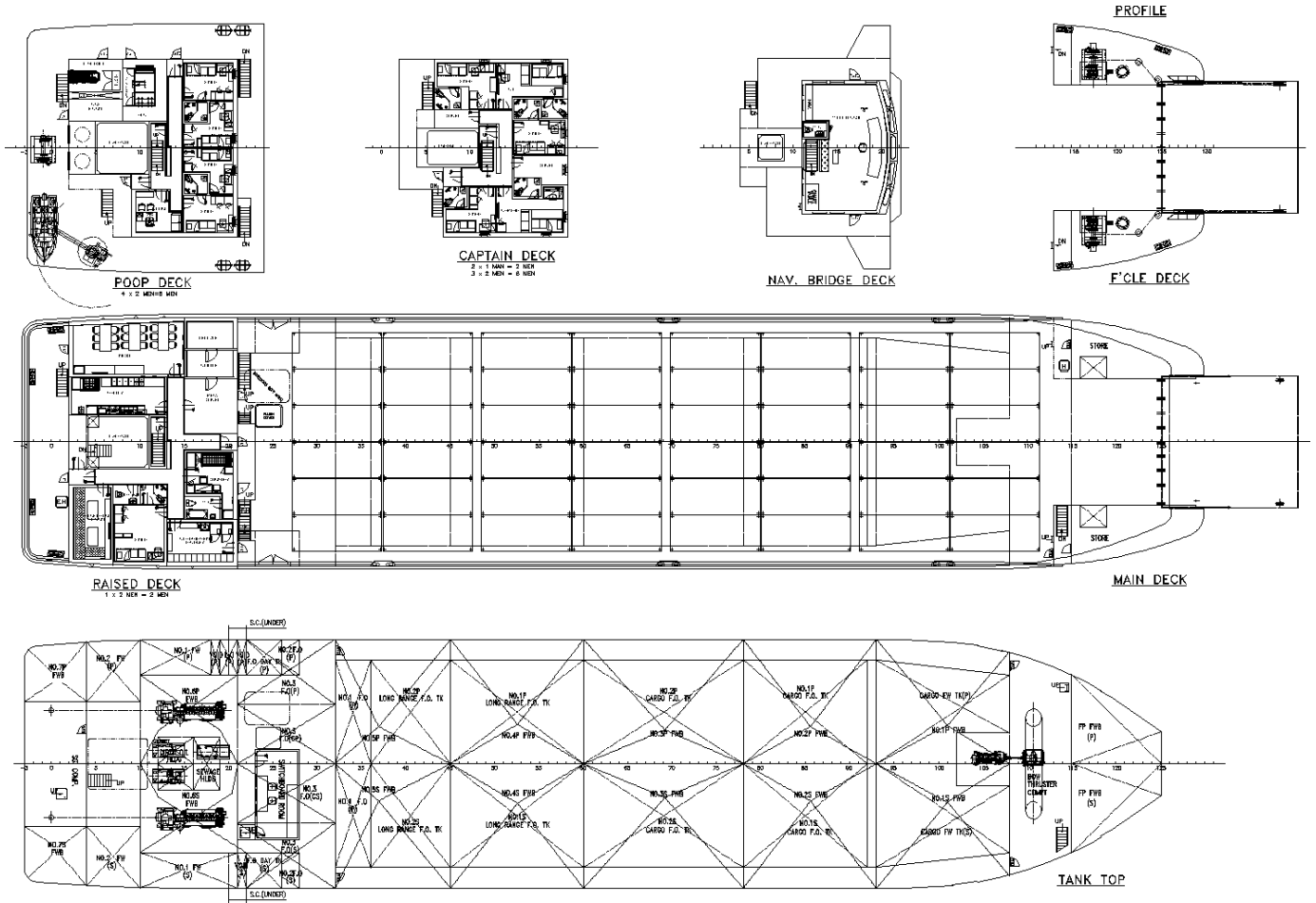
NAVIGATION & COMMEQUIPMENT (A1+A2+A3)

| | | |
|---------------------------------|----|----------------------------|
| GMDSS | 1X | Furuno, RC-1800T |
| Inmarsat-C | 1X | Furuno, Felcom-18 |
| VHF Radiotelephone | 1X | Furuno, FM-8900 |
| Radar Transponder(Sart) | 2X | Kannad Rescuer |
| Navtex Receiver | 1X | Furuno, NX 700 (Type B) |
| EPIRB | 1X | Kannad Marine Sportpro |
| MF/HFRadiotelephones | 1X | Furuno, FS-2575 SSB |
| VHF Handheld Radiotelephones | 1X | Furuno, FM-8900S |
| Walkie Talkie | 3X | Samyung, STV-160 |
| Echo Sounder | 1X | Furuno, FE-800 |
| Radar | 1X | Furuno, FAR-1518 |
| ARPA Radar | 1X | Furuno, 1942 Mk2 |
| GPS | 1X | Furuno, GP-170 |
| AIS | 1X | Furuno, FA150 |
| SpeedLog | 1X | Furuno, DS-80 |
| BNWAS | 1X | Samyung, BNW-50 |
| Gyro Compass | 1X | Yokogawa, CMZ- 900B |
| Autopilot System | 1X | Simrad, AP-70 |

***We are eligible to make amendment as required

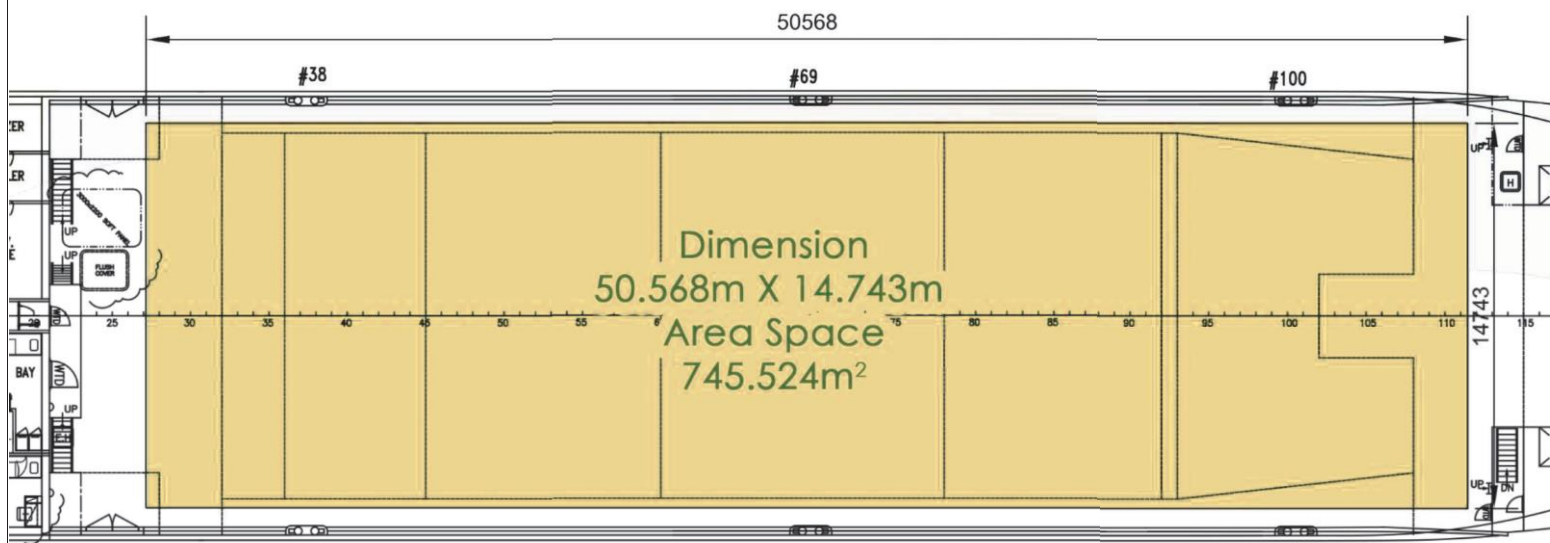
LANDING CRAFT

GENERAL ARRANGEMENT



LANDING CRAFT

OPEN DECK SPACE

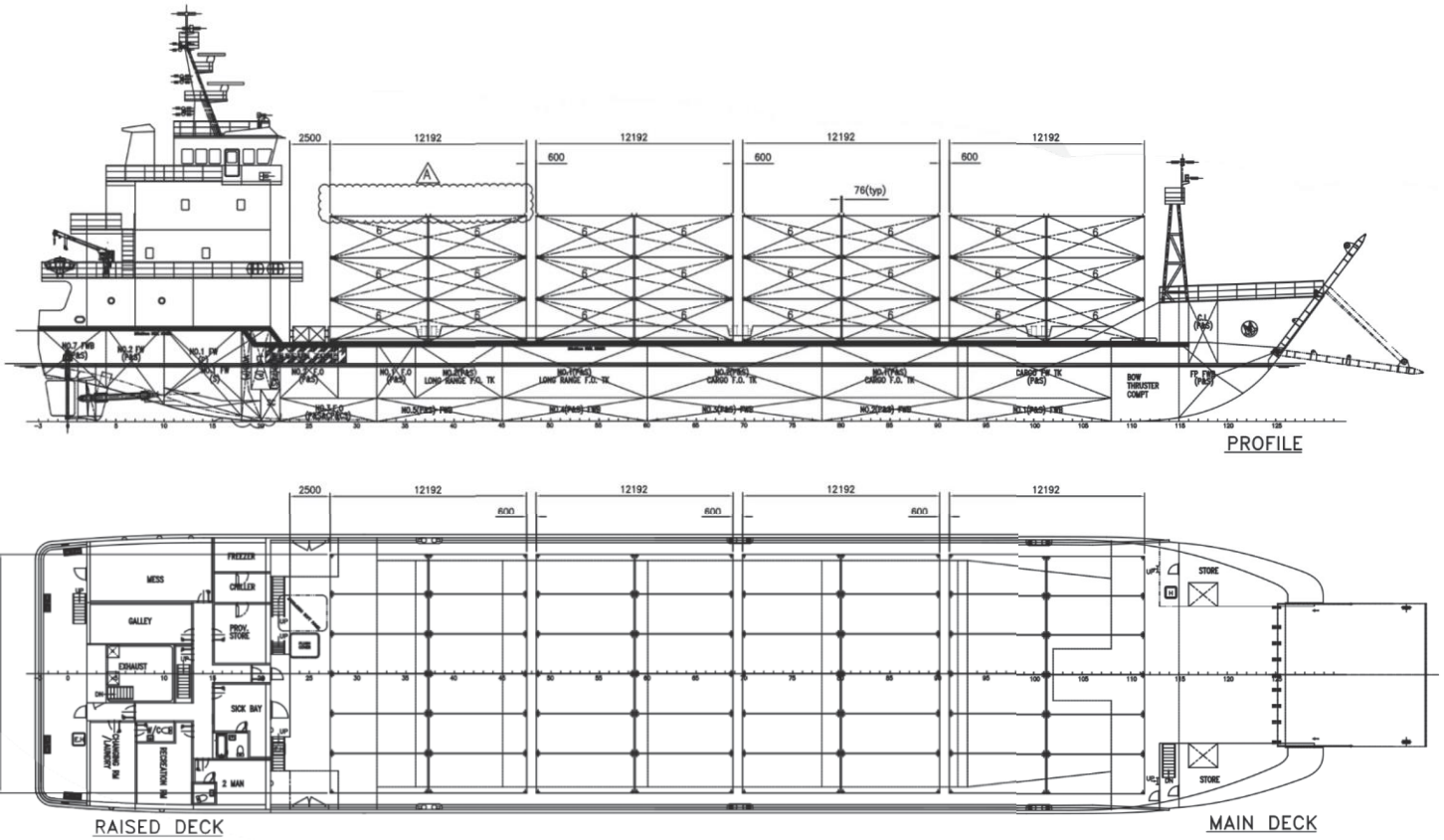


LANDING CRAFT

CONTAINER ARRANGEMENT

VERTICAL ARRANGEMENT

114 TEU



LANDING CRAFT

OPEN DECK SPACE

CONTAINER ARRANGEMENT 108 TEU

