



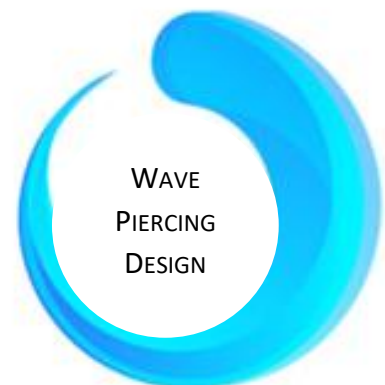
## Multi-Purpose Vessel

### SOUTHERN EXPRESS

**Southern Express**, a 23.9m offshore survey vessel situated in the busy “Oil and Gas” hub of New Plymouth. This vessel is a modern, state of the art craft with true 24-hour autonomy for up to 20 working days. Originally built in 2016 for a New Zealand company specialising in diving, salvage, survey and supporting oil and gas exploration and production sector.

Due to the design of the demi hulls **Southern Express** presents a low carbon footprint while in operation. The sleek high speed wave piercing design allows for minimum fuel burn while operating in survey mode with survey speeds from 4-8 knots.

The stability gained from being a catamaran enables full control and exceptional line holding ability. The vessel can quickly be mobilised with a full range of geophysical and hydrographic survey equipment.



# MV SOUTHERN EXPRESS

## Technical Specifications

### General

Survey	Maritime NZ NZ Offshore (within 200nm) MNZ142589
Home Port	NEW PLYMOUTH/NZ
Type	Catamaran
Owner	Southern Express Ltd
Built	2016 Profab Engineering, Palmerston North, NZ

### Dimensions

Length Overall	23.9m
Draft	2m light/2.3m max
Beam	9.35m
Tonnage	110
Deck	8m x 9m clear

### Manoeuvring and Propulsion System

Main Engines	2x ACERT Caterpillar C32 1600bhp each
Aux	2x C4.4 Caterpillar generators 123kVA each, 440V 3 phase
Tankage	2x 12,500L Diesel, 2000L Potable water, 2000L black/grey
Economy	<50L per hour survey, 300Lph @ 12k
Thrusters	4x 100hp – 2 fwd, 2aft

### Accommodation

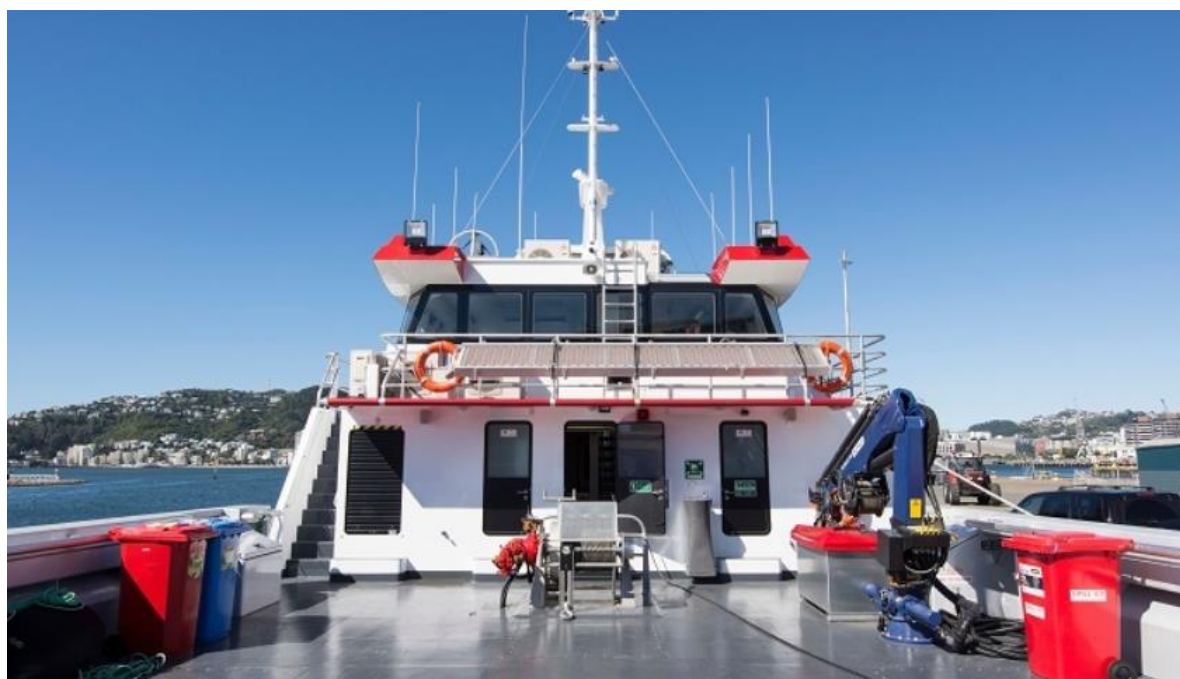
Walk in Chiller/Freezer	Full commercial galley
Mess seating for 20	Survey/ROV Station
Berths for 18	3x Bathrooms
Built to MLC Standards for and aft helm station	

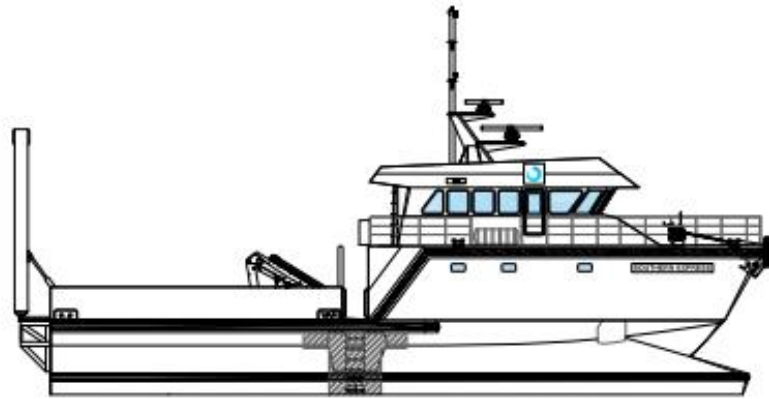
### Deck and Lifting

Survey Tower	Purpose built through hull moonpool
Crane	PK8500M
Gantry	5t
Deck Winch	5t

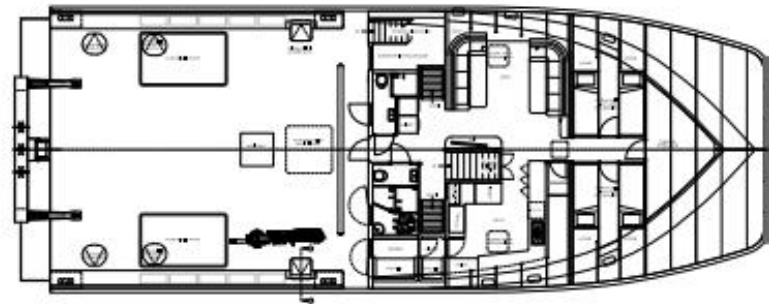
### Bridge

Furuno AIS,	2x Furuno GPS
Furuno Auto Pilot	Maxsea Chart Plotter
Furuno Radar	ICOM Radios
Furuno Sensor Watch Keeper Alarm	
Forward Looking Infra-Red, (FILR)	

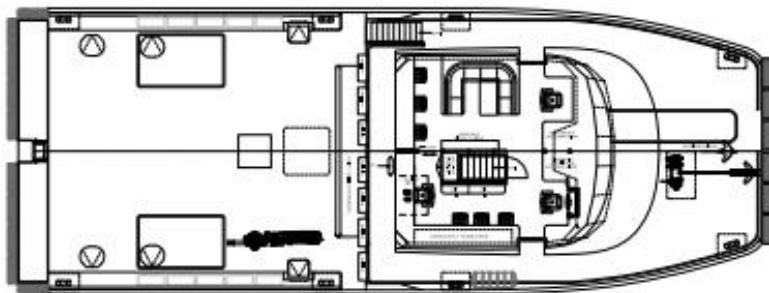




**SIDE ELEVATION**  
SCALE 1 : 150



**MAIN DECK - GENERAL ARRANGEMENT**  
SCALE 1 : 150



**BRIDGE DECK - GENERAL ARRANGEMENT**  
SCALE 1 : 150

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11/03/2010		CHECKED FOR REVIEW		E. HAY		M. SHARP			
REV	DATE	REVISION DESCRIPTION		DRAWN	CHECKED	ENGINEER	APPROVED		
 <b>SOUTHERN EXPRESS</b> <small>ADVANCED MARINE &amp; VESSEL SOLUTIONS</small>				DRAWING TITLE <b>SOUTHERN EXPRESS</b> 23.9m WPC WORKBOAT GENERAL ARRANGEMENT DRAWING					
ISS	SCALE	DRAWING NUMBER		REVISION					
A3	1 : 150	SE-WPCWB-001		A					