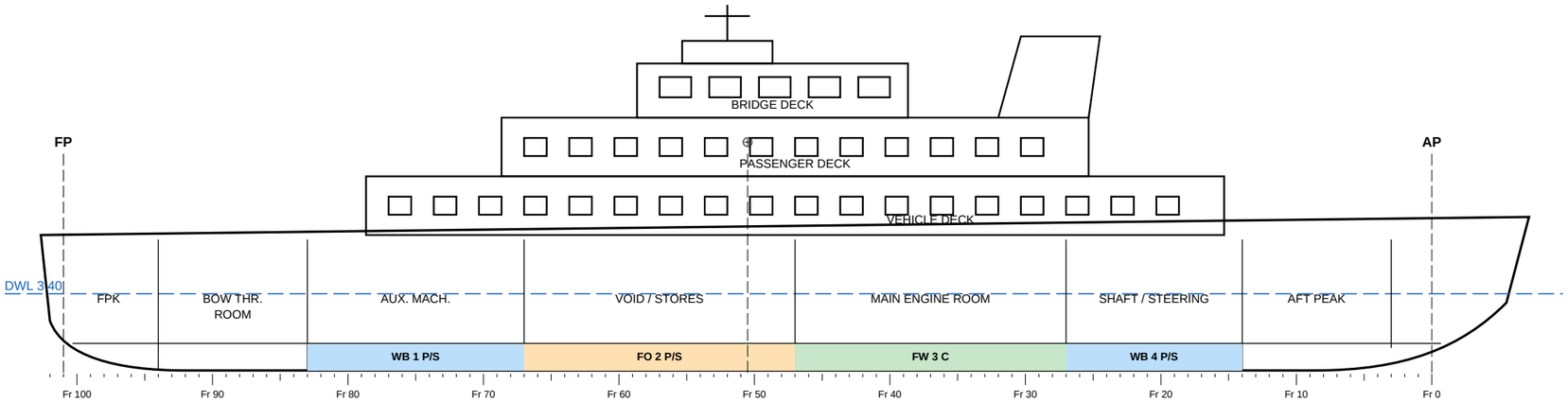
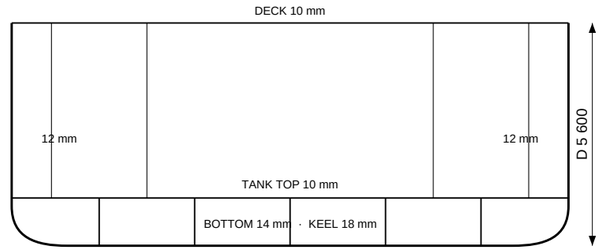


FRAME SPACING 600 mm · Fr 0 AT AFT PERPENDICULAR

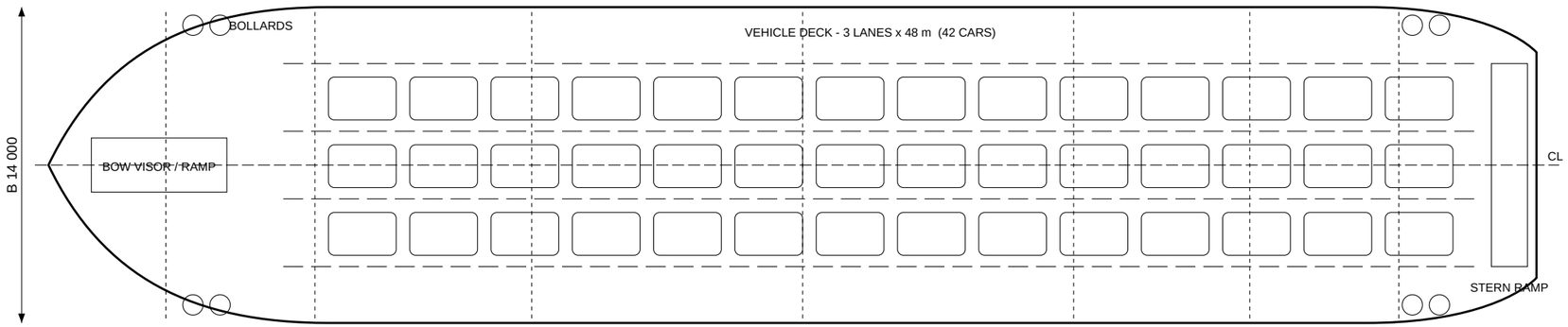
PROFILE

SCALE 1:250



MIDSHIP SECTION Fr 50

SCALE 1:150



MAIN (VEHICLE) DECK PLAN

SCALE 1:250

0 5 10 15 20 m

GRAPHIC SCALE 1:250 (METRES)

THICKNESS GAUGING (MID-LIFE SURVEY)

TG points per strake at every 5th frame, port & starboard.
Original bottom plating 14 mm, side 12 mm, deck 10 mm.
Renewal criterion: 20 % diminution (class).
Record readings on sheet TNA-1150-TG-01.

TANK	CONTENTS	FRAMES	CAPACITY m³	LCG m
WB 1 P/S	Water ballast	Fr 66-82	48.6	40.8
FO 2 P/S	Fuel oil	Fr 46-66	61.2	31.1
FW 3 C	Fresh water	Fr 26-46	52.0	21.1
WB 4 P/S	Water ballast	Fr 14-26	30.4	10.2
FPK	Water ballast	Fr 93-101	18.9	58.3
APK	Water ballast	Fr 0-3	9.6	0.9

PRINCIPAL PARTICULARS

Length overall 66.0 m
Length b.p. 60.6 m
Breadth moulded 14.0 m
Depth to main deck 5.6 m
Design draught 3.4 m
Passengers 250
Vehicles 42 cars
Class: Fictional Register, ✠ Ferry, R3

REV	DATE	DESCRIPTION	BY
D	2026-10-01	MID-LIFE REFIT SURVEY	JD
C	2026-07-30	CLASS COMMENTS	JD
B	2026-05-14	FOR CLASS APPROVAL	JD

TIDEWATER NAVAL ARCHITECTS (DEMO)
Marine design & survey · sample drawing

CLIENT
COASTAL FERRY CO. (FICTIONAL)

TITLE
MV SAMPLE SPIRIT - GENERAL ARRANGEMENT
PROFILE, MAIN DECK & MIDSHIP SECTION

DRAWN	CHECKED	APPROVED	DATE
J. DOE	A. SMITH	R. LEE	2026-10-01

SCALE	SIZE	DRAWING NUMBER	REV
AS NOTED	B	TNA-1150-001	D

Fictional sample drawing for software demonstration only - not for construction