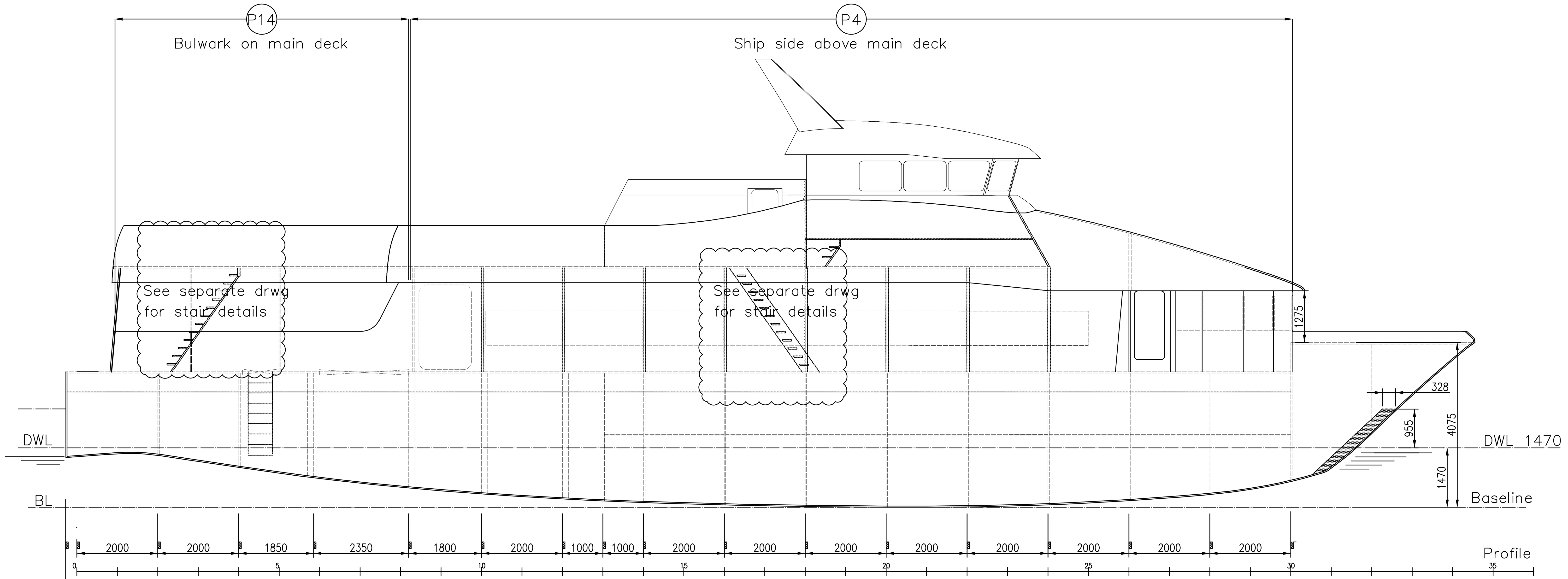
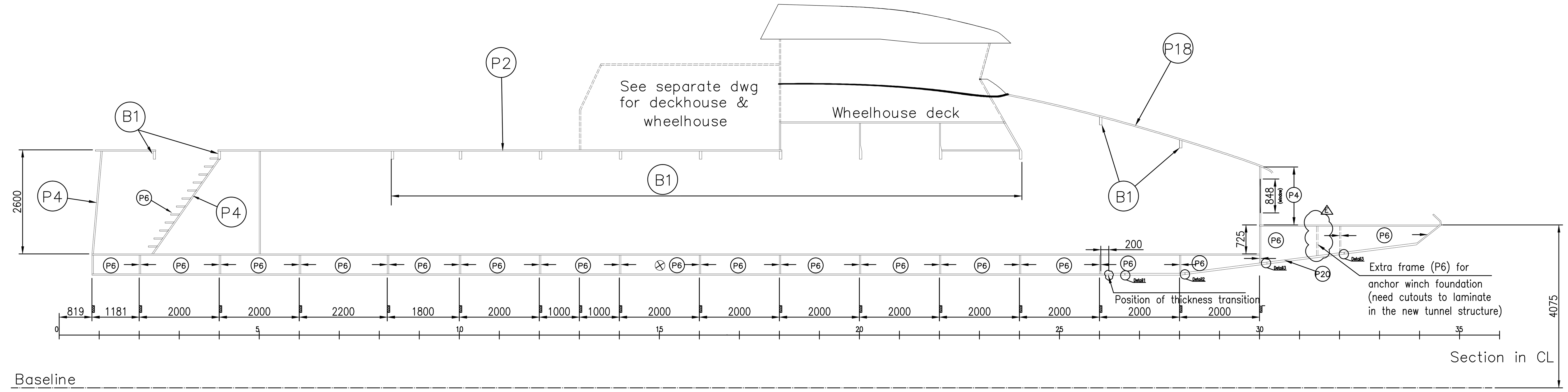
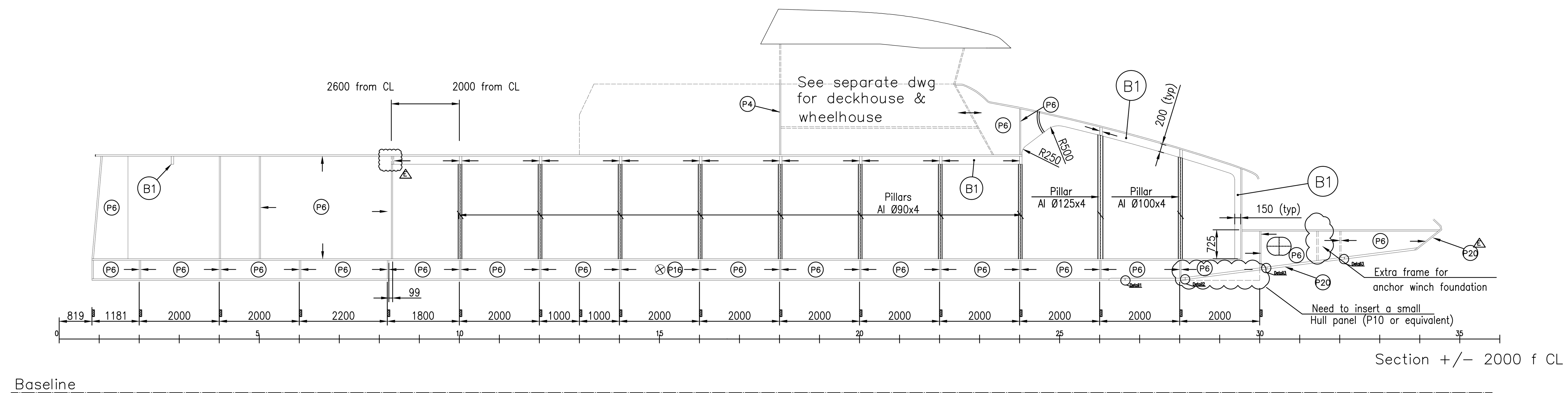


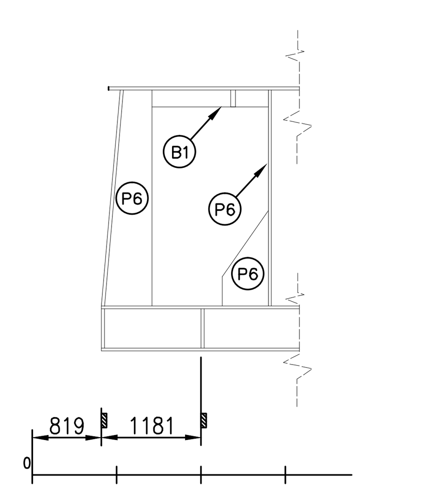
Profile



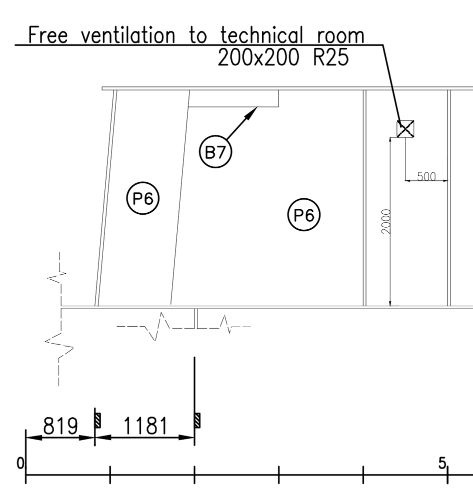
Section in CL



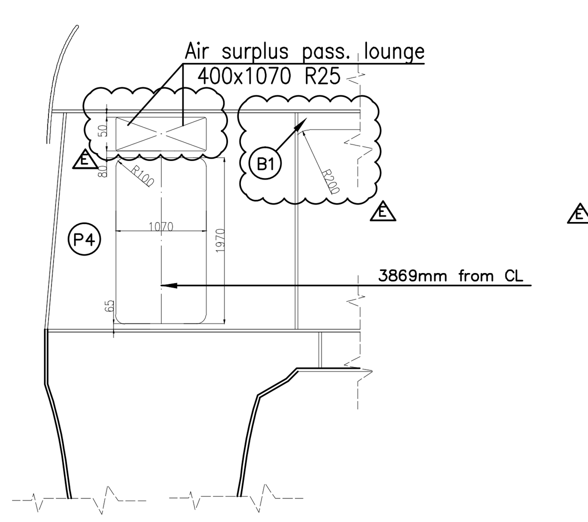
Section +/− 2000 f CL



Section +/− 534 f CL



Section +/− 3300 f CL

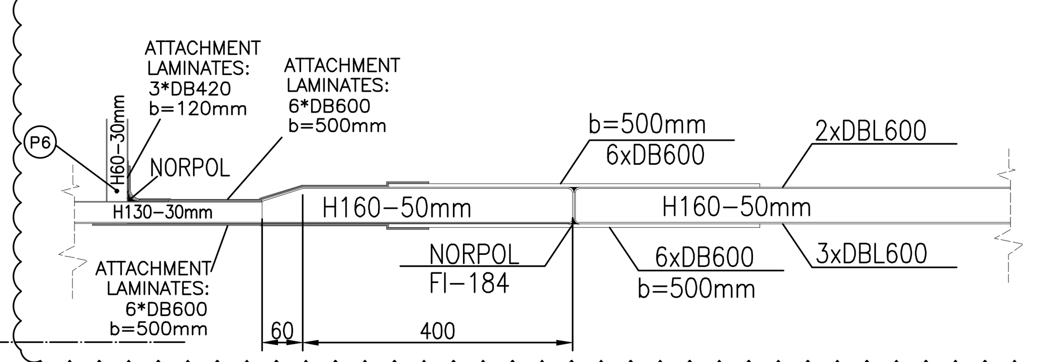


#8 +300mm (sym.SB)

Baseline

DETAIL 1

Delamination stopper in wet deck + thickness transition
Panels are prepared with laminated edges,
glued together, and attached with 5mm thick biaxial laminate
with overlap width as shown.



PANEL SPECIFICATION (produced by infusion)

Panel Code	Rhesin type	Outer laminate/roll direction Lam. utside/overside	Core quality/thickness Kjernekvalitet/tykkelse	Inner laminate/ roll direction Laminat innside/underside	Panel location Lokalitet
P1	VINYL ESTER	CQX1200/#	H80 – 30 mm	CQX800/#°	• Main deck aft (external deck)
P2	VINYL ESTER	CQX800/#°	H60 – 30 mm	CTXL600/#°	• Main deck interior • Boat deck
P3	VINYL ESTER	CQX800/#°	H80 – 30 mm	CQX800/#°	• Main deck
P4	VINYL ESTER	CQX800+CBX200/#°	H60 – 30 mm	CQX800+CBX200/#°	• Ship side above main deck • Stern bulkh. above main deck
P5	VINYL ESTER	2*CTXL600/90°	H130 – 30 mm	2*CTXL600/90°	• Wet Deck
P6	VINYL ESTER	2*CBX400/#	H60 – 30 mm	2*CBX400/#	• Structural bulkheads
P7	VINYL ESTER	CQX1200/#	H100 – 30 mm	CQX1200/#°	• Tank bulkheads • WT bulkheads lower part
P8	VINYL ESTER	2*CQX800+CBX600/#°	H130 – 30 mm	CQX800+CBX600/#°	• Hull below waterline • Transom (lower)
P9	VINYL ESTER	2*CQX800/#°	H80 – 30 mm	CQX800+CBX600/#°	• Hull above waterline • Transom (upper)
P10	VINYL ESTER	2*CQX800/#°	H100 – 30 mm	CQX800+CBX600/#°	• Hull above water line
P11	VINYL ESTER	2*CQX800/#°	H130 – 30 mm	CQX800+CBX600/#°	• Hull above waterline
P12	VINYL ESTER	CQX1200/#	H60 – 35 mm	CQX1200/#°	• Double bottom
P13	VINYL ESTER	CQX1200/#°	H80 – 30 mm	CQX1200/#°	• Forecastle deck
P14	VINYL ESTER	CBX600/#°	H60 – 30 mm	CBX600/#°	
P15	VINYL ESTER	2*CQX800+CBX600/#°	H200 – 30 mm	CQX800+CBX600/#°	• Propeller tunnel
P16	VINYL ESTER	3*CBX400/#	H60 – 30 mm	3*CBX400/#	• Inboard corner of transverse bulkheads/main frames
P17	VINYL ESTER	CQX1200/#	H60 – 30 mm	CQX1200/#°	• WT bulkheads upper part
P18	VINYL ESTER	CQX1200/#°	H60 – 30 mm	CTXL600/#°	• Boat deck front
P20	VINYL ESTER	3*CTXL600/0°	H160 – 50 mm	2*CTXL600/0°	• Wet Deck forward

Laminate code "inner" indicate laminate inside/underside/aft/towards CL
Laminate code "outer" indicate laminate outside/upperside/fwd/towards shipside

Fibre mat rolling direction: 0° = longitudinal (langskips)
90° = transverse (tverrskips)
= optional longitudinal or transverse (valgfritt)

BEAM SPECIFICATION (produced by vacuum bagging)

Beam Code	Core quality/thickness / height Kjerne kvalitet/tykkelse/høyde	Attach laminate Innfestingslaminat	Web/attach laminate Steg/innfestingslaminat	Flange laminate Flenslaminat
B1	H45 / 60 / 200 mm	3*CBX600	CBX600	3*UNIC600+UNIC400
B2	H45 / 60 / 150 mm	3*CBX600+CBX400	CBX600	3*UNIC600
B3	H45 / 60 / 100 mm	3*CBX600+CBX400	CBX600	3*UNIC600
B4	H45 / 150 / 150 mm	3*CBX600	3xCBX400	3*UNIC600
B7	H45 / 60 / 200 mm	6*CBX600	6xCBX600	6*CBX600 + 6xUNIC600 (b=160mm)
B8	H80 / 100 / 200 mm	4*CBX600	4xCBX600	4*CBX600 + 6xUNIC600 (b=200mm)

DRAWING REFERENCES

DRAWING TITLE	SFI
Deck, bulkhead, & double bottom definition plan	200
Section plan, center section–hull–main deck	200
Midship section	231
Profile & deck plan	234
Hull bottom structure	232
Stern bulkhead	218
Transverse bulkheads in hull	236
Typical main frame in hull	236
Typical integration of bulkheads, frames & stiffeners	236
Engine hatch	269
Wheelhouse / deckhouse structure	253
Main engine & gear foundations	263

REGULATIONS

NMD regulations for service area 3
HSC 2000 Code

MAIN DIMENSIONS

Lo.a:	35	m
Lpp:	31.90	m
Beam moulded:	10.50	m
Beam o.a:	10.90	m
Depth:	3.35	m
Draught:	1.47	m
Cb:	0.48	
Displacement:	100	tons
Service speed:	33	knots

REV.	TEXT	REV.DATE	DRAWN	CHECK.	APP.
E	Removed bulkhead fr. 8.3, Bow repair	14.05.2010	GPR	FCO	FCO
D	General updates	12.10.09	GPR/VRU	VRU	FCO
C	General updates	15.09.09	FCO		FCO
B	General update	10.07.09	GPR	VRU	FCO
A	General update	03.07.09	GPR	TB	FCO
03	For comments	22.05.09	TJ	TB	
02	For production of Main Deck & Boat Deck panels only	13.05.09	TJ		
R01	Preliminary edition handed over in meeting at Tuco Yacht værft 23.04.09	22.04.09	TJ		

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LMG DWG. NO.
REPLACEMENT FOR: 299006–T–230–H–001–01

TITLE: Profile and deck plans

DAK. TOOL ACAD 2008 | PRIMARY SCALE 1:75 | SHEET SIZE A1 | SHEET 1 of 2