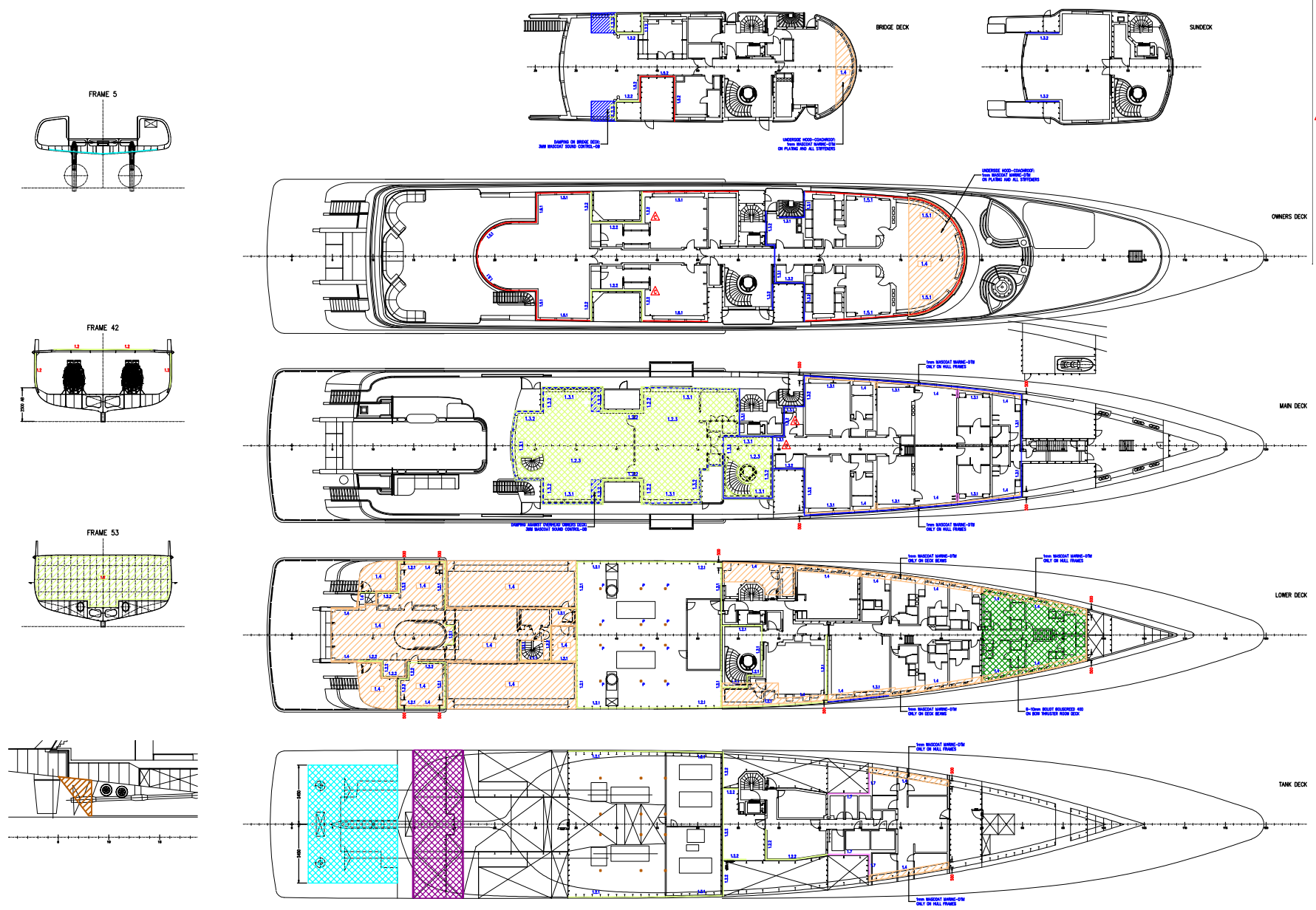

MAIN PARTICULARS AND MACHINERY

LENGTH OVERALL	.....	M
LENGTH LR	.....	M
BEAM MOULDED	.....	M
DRAUGHT DWL	.....	M
MAXIMUM DISPLACEMENT	.....	TON
FRAME SPACING	.....	MM
MAXIMUM SPEED	.....	KN

LLOYDS REGISTER +100A1 SSC YACHT MONO G6 +LMC UMS (EP)

(2) DIESEL ENGINES .....
(2) REDUCTION GEARBOXES .....
(2) PROPELLERS .....
(3) GENERATOR SETS .....

INSULATION PLAN IS BASED ON FOLLOWING DRAWINGS:
- GENERAL ARRANGEMENT
- STRUCTURAL FIRE PROTECTION
- SEVERAL CONSTRUCTION DRAWINGS

INDICATES MODIFICATION TO INSULATION

GENERAL COMMENTS DAMPING
ALGEMENE OPMERKINGEN ONTDREUNING

SUGGESTED OR EQUIVALENT MATERIALS AND THICKNESS ARE TO BE USED.

FOR CONSTRAINED LAYER DAMPING CONSIDER MINIMAL 90% AREA COVERAGE FOR DAMPING PASTE AND MINIMAL 80% AREA COVERAGE FOR PERFORATED STEEL PLATE.

PERFORATED STEEL PLATE WITH MAXIMUM 12% PERFORATION IS TO BE USED. KEEP STEEL PLATE FREE FROM SHIP STRUCTURE AND PINS & WASHERS.

PERFORATED STEEL PLATE NEED TO HAVE MAXIMUM PRACTICAL DIMENSIONS WHICH CAN BE EASILY AND PROPERLY FITTED ON BOARD. PLATES WITH SMALLER DIMENSIONS MAY BE USED ON BENDED STRUCTURES ONLY.

TRAPPED AIR BEHIND PERFORATED STEEL PLATE IS TO BE AVOIDED AS IT GREATLY DECREASES DAMPING LOSS PERFORMANCE.

FOR SPRAY-ON DAMPING ANTI-CONDENDATION COATING THE AREA COVERAGE IS 100%.

WITH DAMPING TREATMENTS STIFFENERS DO NOT NEED TO BE TREATED.

NO.	INSULATION ON PLATING *ISOLATIE OP BEPLATING*	INSULATION OVER MAIN STIFFENERS *ISOLATIE OVER HOOFD VERSTIJVERS*	SHEATHING – JOINERY SYSTEM *BEPLATING – BETIMMERINGSSYSTEEM*	DWG
	FINE DRY GRAINED SAND FILLING PERCENTAGE MINIMAL 80%	–	–	–
	DAMPING PASTE TYPE	–	–	–
	DAMPING PASTE TYPE	–	–	1.1
	DAMPING PASTE TYPE	–	ON STIFFENER SIDE	1.2.1
			ON FLAT SIDE	1.2.2
			ON DECK	1.2.3
	DAMPING PASTE TYPE	–	ON STIFFENER SIDE	1.3.1
			ON FLAT SIDE	1.3.2
	–	SPRAY-ON COATING TYPE ..... OVER ALL EXPOSED STIFFENERS		1.4

NO.	INSULATION ON PLATING *ISOLATIE OP BEPLATING*	INSULATION OVER MAIN STIFFENERS *ISOLATIE OVER HOOFD VERSTIJVERS*	SHEATHING – JOINERY SYSTEM *BEPLATING – BETIMMERINGSSYSTEEM*	DWG
	DAMPING PASTE TYPE	–	ON STIFFENER SIDE	1.5.1
			ON FLAT SIDE	1.5.2
	DAMPING PASTE TYPE	–	–	1.6
	DAMPING PASTE TYPE	DAMPING PASTE TYPE ..... WHERE STIFFENERS ARE PRESENT	–	1.7

FIRST DRAFT	IN PROGRESS	FOR APPROVAL	APPROVED

GENERAL COMMENTS	DATE	COMMENTS	REVISED

DRAWING NO.	----------	DATE	DECEMBER 2012
SHEET	1-7	REVISION NO.	C
SCALE	1:125	DRAWN BY	MB
DRAWING SIZE	A0	CHECKED BY	RMC

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REVISION

MOTOR YACHT
DAMPING AND DTM COATING

AutoCAD .....