

Table of weights PD1000

Boat

Item	Weight	Center of gravity			Moments		
		Xg	Yg	Zg	Mx	My	Mz
	kg	mm	mm	mm	kg·m	kg·m	kg·m
Structure with interior and furniture							
Structure	4016	5175	0	1342	20782,3	0,0	5387,1
Insulating materials	128	5250	0	2150	672,0	0,0	275,2
Interior wall	165	4250	-280	1950	701,3	-46,2	321,8
Covering wall inside of room	120	5250	0	1950	630,0	0,0	234,0
Covering ceiling inside of room	65	5560	0	3300	361,4	0,0	214,5
Covering floor inside of room	74	5560	0	850	411,4	0,0	62,9
Doors inside	48	4520	-360	2050	217,0	-17,3	98,4
Sliding door stern	85	1780	0	1950	151,3	0,0	165,8
Sliding door bow	85	8950	0	1950	760,8	0,0	165,8
Side windows	35	8550	0	2350	299,3	0,0	82,3
Bedrooms suite	125	3250	0	1550	406,3	0,0	193,8
Furniture and equipment of shower room	95	5250	-1280	1650	498,8	-121,6	156,8
Furniture and equipment of galley	170	5150	1350	1550	875,5	229,5	263,5
Furniture and equipment of saloon	145	7850	-1350	1650	1138,3	-195,8	239,3
Furniture and equipment of control stand	55	8100	1250	1450	445,5	68,8	79,8
Decks equipment							
Guardrail stern	24	140	0	1350	3,4	0,0	32,4
Guardrail bow	24	9900	0	1350	237,6	0,0	32,4
Guardrail flybridge	38	3350	0	4050	127,3	0,0	153,9
Ladder to flybridge	36	1250	-1050	2350	45,0	-37,8	84,6
Systems and engine							
Engine steering and control	8	4200	1700	950	33,6	13,6	7,6
Benzine tank 200 l	59	1560	-820	450	92,0	-48,4	26,6
Contents of benzine tank and system	16	1560	-820	450	25,0	-13,1	7,2
Gas bottle and equipment of gas system	24	1650	1750	1150	39,6	42,0	27,6

Filling fluids waste

Grey water 500l, 95% fill	475	4550	-1130	400	2161,3	-536,8	190,0
Black water 500l, 95% fill	475	4550	1130	400	2161,3	536,8	190,0
TOTAL:	950				4323	0	380
Location of CG, m	4,55	0,00	0,40				

Empty craft condition, mEC							
TOTAL:	6440				33591	-388	8816
Location of CG, m	5,22	-0,06	1,37				

Light craft condition, mL							
TOTAL:	6680				34641	-388	9158
Location of CG, m	5,19	-0,06	1,37				

Minimum operating condition, mMO							
TOTAL:	6850				35895	-223	9417
Location of CG, m	5,24	-0,03	1,37				

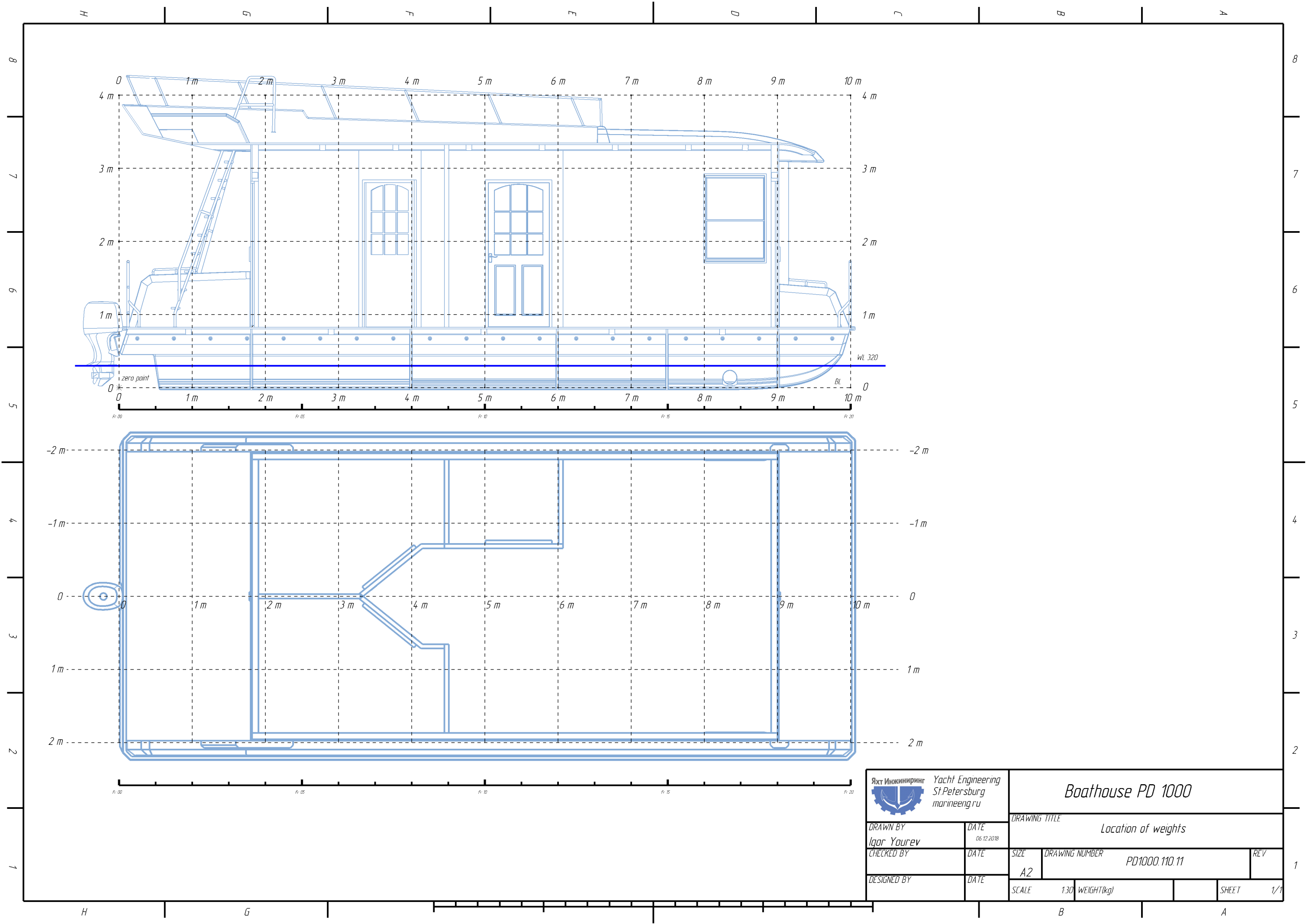
Maximum load, mL							
TOTAL:	2585				12713	633	2119
Location of CG, m	4,92	0,24	0,82				

Maximum load condition, mLDC							
TOTAL:	9265				47355	245	11277
Location of CG, m	5,11	0,03	1,22				

Loaded arrival condition, mLA							
TOTAL:	8572				44058	-288	10877
Location of CG, m	5,14	-0,03	1,27				

Ready-for-use condition							
TOTAL:	7485				38467	227	9617
Location of CG, m	5,14	0,03	1,28				

Fully loaded ready-for-use condition							
TOTAL:	8315				43032	245	10897
Location of CG, m	5,18	0,03	1,31				



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DRAWING TITLE		Boathouse PD 1000	
DATE		06.12.2018	
SIZE	DRAWING NUMBER	REV	
A2	PD1000.110.11	1	
SCALE	1:30	WEIGHT(kg)	
		SHEET	1/1