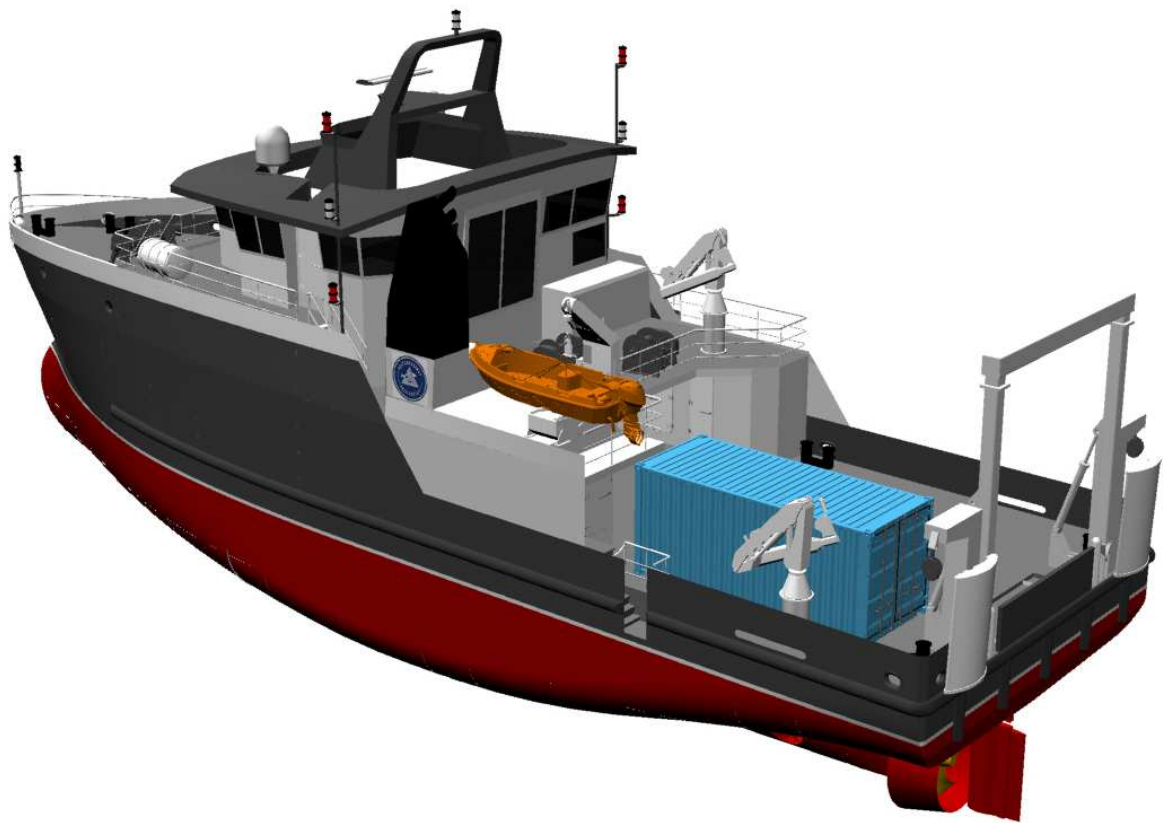


MAIN HULL MATERIAL LIST
FOR
LMG 35-CRV



Doc. no. 389017-LI-201-N-LMG-00001

Revision: 02

BERGEN, JUNE 2020



Client : HAVFORSKNINGSINSTITUTTET

Key person :

Document title : MAIN HULL MATERIAL LIST

Project name : LMG 35-CRV

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External distribution : OWNER, SHIPYARD

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Revision	Date	By	Checked	Approved	Comments
02	18.06.2020	HLE	PEMA	VOK	ISSUED FOR BID PHASE
01	07.08.2019	MST	KZM	WO	ISSUED FOR BID PHASE

Rev.01

Material List for LMG 35-CRV generated by CADMATIC HULL based on 3D model completed in 97%.

The model is consistent with Main Class Drawings Rev.01.

Material List includes:

- Main hull structure
- Construction of the superstructure
- Shell plates

Rev.02

Informasjonen i dokumentet er preliminær. Avvik mellom dokument kan forekomme.

LMG 35-CRV
TOTAL WEIGHT REPORT
HAVFORSKNINGSINSTITUTTET

BLOK DIVISION ONLY AS INTERNAL DIVISION WHEN
CREATING A MODEL FOR MAIN CLASS DRAWINGS
NOT ASSOCIATED WITH UNIT PLAN

Block	Weight	COG_length	COG_transv	COG_vertic
101	57007	19933	39	2187
102	50014	8437	100	2251
103	22710	693	41	3293
104	13884	30251	0	4577
111	38738	19915	-165	7059
112	14238	10834	-961	6859
121	6452	17655	302	10618
131	552	16255	-14	13059

SUMMARY FOR HULL

DATE: 08 04 2019

TOTAL WEIGHT: 203595 kg
COG:
X:14945 mm from #0
Y:-49 mm from CL
Z:4039 mm from BL

LMG 35-CVR
MATERIAL LIST - PLATES
HAVFORSKNINGSINSTITUTTET

THICK.	MATERIAL	WEIGHT	AREA m2	COG-L	COG-T	COG-V
6	NV5083	1845.46	39.18	19956	-3593	11086
7	NV5083	3088.98	56.21	22574	-1421	11056
10	NV5083	348.98	4.45	14294	4941	10544
6	NVA	150.12	3.19	23339	-2496	7261
6.5	NVA	42466.87	832.28	13003	3399	7904
7	NVA	56849.28	1034.56	-1115	3997	2655
8	NVA	31435.46	500.56	10403	-245	4561
9	NVA	620.26	8.78	7073	-4729	4369
10	NVA	15121.55	192.63	31495	262	2864
12	NVA	7910.86	83.98	19494	0	-671
14	NVA	4.75	0.04	8000	-1999	2014
15	NVA	4700.43	39.92	8000	-1995	4193
25	NVA	334.81	1.71	10518	-484	763

SUMMARY FOR PLATES DATE: 08 04 2019

WEIGHT: 164878 kg
COG:
X: 10518 mm from #0
Y: -484 mm from CL
Z: 763 mm from BL

LMG 35-CRV
MATERIAL LIST - PROFILES
HAVFORSKNINGSINSTITUTTET

TYPE	PROFLE TYPE	LENGTH	MATERIAL	WEIGHT	COG-L	COG-T	COG-V
KO	Box Beam 100X60X5	12265	NV6082	195.49	18508	-3680	10316
KO	Box Beam 80X80X8	5382	NV6082	93	19460	1510	10273
FB	FB100X10	103105	NV6082	277.14	17026	5314	10383
FB	FB100X10	852572	NVA	6768.04	8004	3246	4195
FB	FB100X15	5800	NV6082	23.5	14100	1445	9961
FB	FB100X15	12309	NVA	147.47	14149	-2294	9155
FB	FB100X6	98156	NVA	449.24	16090	-3665	7256
FB	FB100X8	3257	NV6082	6.73	18552	-3592	9583
FB	FB100X8	6594	NVA	41.17	13054	-4708	4121
FB	FB100X8	1304	T-CLAD	5.72	18833	2769	9577
FB	FB120X10	22963	NV6082	72.54	22440	0	9572
FB	FB120X10	1403	NVA	12.71	14065	2113	8395
FB	FB120X12	13251	NVA	152.64	6505	1206	968
FB	FB120X8	41930	NVA	319.73	14067	135	8396
FB	FB150X10	2371	NV6082	9.54	13985	150	9958
FB	FB150X10	22129	NVA	265.44	31549	0	3013
FB	FB150X15	35663	NVA	641.96	9005	-1349	711
FB	FB200X12	42220	NVA	809.81	15695	-78	-128
FB	FB32X34	7878	NVA	68.55	18355	-1246	8767
FB	FB32X34	44649	T-CLAD	267.23	18510	2837	8767
FB	FB40X10	3166	NVA	10	28601	475	4384
FB	FB50X10	37424	NVA	144.35	27024	-3144	6978
FB	FB60X10	8102	NVA	38.89	12094	-3280	8604
FB	FB60X8	21362	NV6082	26.17	16034	-1851	13375
FB	FB60X8	65341	NVA	235.71	22122	34	7446
FB	FB80X12	21687	NVA	157.52	18994	-273	-196
FB	FB80X15	1010	NV6082	3.12	16045	-2297	9267
FB	FB80X8	38392	NV6082	64.77	17496	1504	9127
FB	FB80X8	237863	NVA	1163.24	7048	-955	329
HP	HP100X6	496437	NVA	3069.5	21434	3495	7903
HP	HP120X6	1167084	NVA	8618.85	5072	2995	1694
HP	HP140X7	1027182	NVA	9446.23	25996	1696	1154
HP	HP140X7	11881	VLA	105.69	30727	1878	8013
HP	HP200X9	7663	NVA	144.67	12004	-4851	4479
HP	HP80X6	185159	NVA	917.84	18748	-1494	7998
LN	L 100X50X8	50160	NV6082	155.24	18491	-3581	9439
LN	L 75X50X6	4834	NV6082	9.37	14671	-2833	9768
LN	L 75X50X7	132202	NV6082	297.17	20988	2695	11241
AS	RB 100	18500	NVA	1162.39	17250	2000	4558
AS	RB 230	4595	NVA	1527.29	0	0	1686
AS	RB 25	2786	NVA	0	33226	265	7420
AS	RB 50	11592	NVA	0	0	0	0
TB	TB80X80X9	42814	NVA	465.7	21436	1500	7773
PY	Ã, 101.6X8	13025	NVA	245.12	25000	2200	3105
PY	Ã, 159X10	2164	NVA	81.04	8000	-1999	3103

SUMMARY FOR PROFILES DATE: 08 04 2019

WEIGHT: 38718 kg
COG:
X: 8000 mm from #0
Y: -1999 mm from CL
Z: 3103 mm from BL