

Grainbulkheads general						
	Weight	Length	Breath	Height	VCG	TCG
	[t]	[m]	[m]	[m]	[m]	[m]
Store position pnt01	11.600	4.480	13.250	0.440	5.021	16.620
Store position pnt02	11.600	4.480	13.250	0.440	6.021	17.120
Two panels in storepos	23.200				6.021	16.870
Gr-bulkh 1 (two panels)	23.200	4.480	13.250	0.440	5.574	0.000

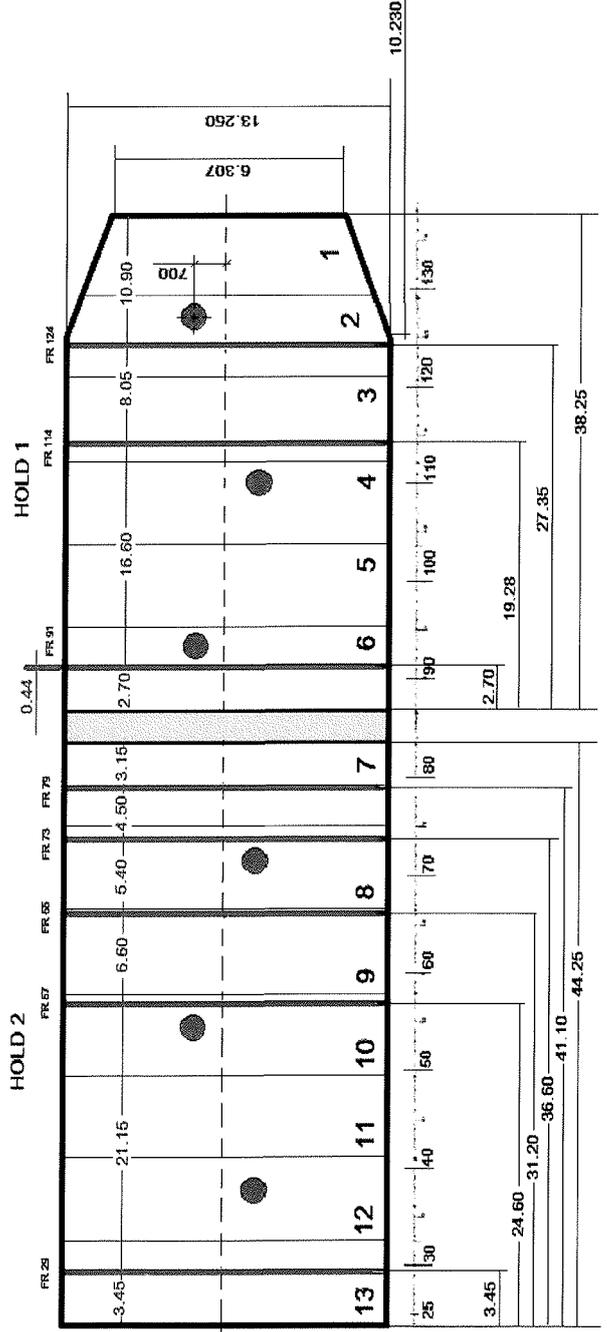
Grain bulkhead positions in Hold aft and Hold fore						
Frame	Name	Leid	LCG	VCG	TCG	
			[m]	[m]	[m]	[m]
fr.29	bikh.08	19.805	20.025	5.574	0.000	
fr.57	bikh.07	40.955	41.175	5.574	0.000	
fr.66	bikh.06	47.555	47.775	5.574	0.000	
fr.73	bikh.05	52.955	53.175	5.574	0.000	
fr.79	bikh.04	57.495	57.675	5.574	0.000	
fr.91	bikh.03	66.305	66.525	5.574	0.000	
fr.114	bikh.02	82.880	83.100	5.574	0.000	
fr.124	bikh.01	90.955	91.175	5.574	0.000	

* panels in storeposition when loading containers in hold
 * Volumes and VCG's are of the whole cargo spaces, up to the top of the coaming.
 ** The Netto grain heeling moment is calculated with the cargo space up to underside hatches.

FORE MAST: (can be cropped)
 Keel to folded top - 19.1 m (Actual Fwd Draft must be deducted)
 Keel to up right top - 20.6 m
 STERN MAST:
 Keel to Mast top - 27.0 m (actual Draft must be deducted)

TOP OF COMING DEPTH IS 10.094m
 TOP OF HATCHES DEPTH IS 10.674m

Hold 1 (fore)	Grainbulkhead positions	LCG [m] bulkhead	Compartment from - to	Length [m]	Volume [m ³]	VCG* [m]	LCG Net moment [m ⁴]
fr.91	bikh.03	66.525	fr.87 - bikh.03	38.250	4205.915	5.597	81.416
fr.114	bikh.02	83.100	fr.87 - bikh.02	2.705	322.368	5.597	64.953
fr.124	bikh.01	91.175	fr.87 - bikh.01	19.280	2297.605	5.597	73.240
				27.355	3259.880	5.597	77.277
fr.91	bikh.03	66.525	bikh.02 - fr.138	35.105	3831.126	5.596	83.005
fr.114	bikh.02	83.100	bikh.02 - fr.138	18.500	1855.892	5.596	91.490
fr.124	bikh.01	91.175	bikh.01 - fr.138	10.455	893.608	5.594	95.939
							68.262
fr.91	bikh.03	66.525	bikh.03 - bikh.01	24.210	2885.092	5.597	78.850
fr.114	bikh.02	83.100	bikh.02 - bikh.01	7.635	909.858	5.597	87.137
				1.000	119.169	5.597	50.900
Hold 2 (aft)							12.209
Grainbulkhead positions	LCG [m] bulkhead	Compartment from - to	Length [m]	Volume [m ³]	VCG* [m]	LCG Net moment [m ⁴]	
							Netto hold 2, bulkheads in store
fr.29	bikh.08	20.025	fr.24 - fr.83	44.250	5267.261	5.602	38.499
fr.57	bikh.07	41.175	fr.24 - fr.83	44.250	5208.750	5.597	38.742
fr.66	bikh.06	47.775	fr.24 - bikh.06	3.455	405.731	5.656	18.088
fr.73	bikh.05	52.955	fr.24 - bikh.07	24.805	2926.167	5.603	28.676
fr.79	bikh.04	57.675	fr.24 - bikh.06	31.205	3712.690	5.603	31.976
				36.805	4356.201	5.602	34.676
				41.105	4892.463	5.602	36.926
fr.29	bikh.08	20.025	bikh.08 - fr.83	40.355	4809.035	5.597	40.422
fr.57	bikh.07	41.175	bikh.07 - fr.83	19.205	2288.649	5.597	50.397
fr.66	bikh.06	47.775	bikh.06 - fr.83	12.605	1502.131	5.597	54.297
fr.73	bikh.05	52.955	bikh.05 - fr.83	7.205	858.616	5.597	87.950
fr.79	bikh.04	57.675	bikh.04 - fr.83	2.705	322.353	5.597	59.248
							33.000
							252.995
							339.361
							399.249
							38.850
							455.007



Detailing drawing of cement holes is 770-600-000-010