



M.V. ” MERIT ”

Flag	Gibraltar flag (EU)
Built	May 2000
Call sign / imo number	/ 9197789
Communications	Mob +49 1736132714
.....	Email : mv-merit@gmx.de
Type	Gearless box singledecker
Class	tbn
P + I Club.....	Hanseatic
Dwat	3200 ts
Dwcc summer basis 50 tons bunkers / draft	About 2950 ts on 5,25 m sw
Dwcc winter basis 50 tons bunkers / draft	About 2900 ts on 5,20 m sw
GT/ NT	2301 / 1289
Loa/ beam	82,,50 m / 12,50 m
Draft in ballast	Minimum 3,60 m
Distance keel to top of mast.....	25,80 m – 17,60 m with masts down
Distance keel to hatch coaming	9,90 m
Draft moulded.....	About 6,80 m
Cubic feet capacity: grain/bale.....	167.000 cbft gr/bale
Timber cap.	In excess of 4000 cbm sub det
Container capacity	96 teu under deck plus 36 on deck, 14 ts
Stackweights	Under 70 ts teu / 90 ts feu
.....	On deck 24 ts teu / 30 ts feu - lineload
Hatches	1 hatch of 56,00 x 10,20 m
Hold	1 hold of 56,00 x 10,20 x 8,47 m
Tanktop / hatch max pressure	15 tons per m2
Type of hatch	Steel pontoons stackable
Bulkheads.	2 bulkheads in 6 different positions
IMO cargo fitted	Yes, incl imoclass 1 in the forepart
Grainfitted	Yes, subject to bulkhead position
Speed/Consumption.....	About 11 knots on abt 5,5 mtons gasoil
Bunker capacity	About 160 mtons
Ballast capacity	?
Timber fitted / Slings / Tarpaulins	Yes / yes / yes
Magnet discharge.....	No
Other features :	Bulkhead can be used as 16 m tweendeck,
.....	Height then 3,98 m lower and 4,05 m upper.
.....	Sprinkler /smokedetector fitted
.....	Elventilated 6 basis empty holds
.....	12 reefer plugs

All details are W. O. G. but believed to be correct.

ECHOSHIP ApS

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DEADWEIGHT SCALE

Freeboard in m.	SALT WATER				MEAN DRAFT	FRESH WATER		
	Moment 1 cm trim change Ton x m	Tonnes per cm.	DISPL'T in tonnes	Total DEADW. in tonnes	in dm. from u.s. keel	Total DEADW. in tonnes	DISPL'T in tonnes	Tonnes per cm.
1					56			
1.1					54	4500		
1.2			4500		52			
1.3					50			
1.4					48			
1.5					46	3500		
1.6	55			3000	44			
1.7		9.5			42	4000		
1.8			4000		40			
1.9					38			
2					36	2500		
2.1				2500	34			
2.2	50				32	3500		9
2.3			3500		30			
2.4					28			
2.5					26	2000		
2.6		9			24			
2.7	45			2000	22			
2.8					20	3000		
2.9			3000		18			
3					16	1500		8.5
3.1				1500	14			
3.2					12	2500		
3.3	40				10			
3.4			2500		8			
3.5		8.5			6			
3.6					4			
3.7					2	1000		
3.8				1000				
3.9						2000		
4			2000					
4.1	35							8
4.2								
4.3								
4.4				500				
4.5		8						
4.6			1500			1500		
4.7								
4.8								
4.9								
5				0	16	0		



A general view to a nice ship



Saimaa max construction



The cargo hold – easy access...



Constructions on the tweendeck.



Bulkhead / tweendeck pontoon stored away.



In shallow waters in Holland



Tractors on deck



Wind tower sections and wings on deck