

# MV BAGAN STAR

## SHIP'S PARTICULARS

<b>SHIP'S NAME :</b> MV BAGAN STAR		<b>OWNERS:</b>							
Previous Names: JAVA BRIDGE		Commercial Operator: BAGAN STAR PTE LTD							
PANCON CHALLENGE									
		<b>MANAGERS:</b>							
Call Sign :	D5FT3								
Flag :	LIBERIAN								
Port of Registry :	MONROVIA								
IMO-Number :	9181754								
Official Number :	16354								
MMSI - Number :	636016354								
Classification/Class No.:	NK/983084								
Class Notation:	NS*(CNC, EQ C DG)MNS*								
<b>TONNAGES / WEIGHTS</b>									
Gross Tonnage :	14857(INT)/ 15656.94(SUEZ)								
Net Tonnage :	5397(INT)/ 12162.85(SUEZ)/ 12997(PANAMA)								
Light Ship :	6499MT								
Summer Displacement:	23043MT								
<b>DIMENSIONS</b>									
LOA :	161.96m								
LBP :	152.00m								
Beam :	26.20m								
Depth to Maindeck :	13.20m								
Construction height :	44.50m								
Bridge FWD To Bow :	134.91m								
Bridge FWD To Aft :	27.05m								
TPC at Summer draft :	34.6MT								
<b>MAIN ENGINE</b>									
Main Engine Maker :	B & W								
Engine Model :	6S60MC								
Engine Power :(MCR)	99000 X 245								
Engine Power :(NCR)	85800 X 242								
Boiler Maker / Type	OSAKA / OVS2								
Boiler Capacity:	16.3 M3								
Type of Propulsion :	DIRECT REVERSIBLE								
<b>CARGO CAPACITIES</b>									
<b>CONTAINER</b>	<b>20 FT</b>	<b>40 FT</b>	<b>REEFER</b>	<b>20 FT</b>	<b>40 FT</b>	<b>STACKING WEIGHT</b>			
On Deck	500	252	On Deck	120	120	On Deck (40 FT)	91.5MT/stack		
In Hold	564	238	In Hold	30	30	On Deck (20 FT)	54MT/Stack		
Total	1,064	490	Total	150	150	In Hold (40 FT)	152.5MT/unit/ tier		
						In Hold (20 FT)	125MT/unit/ tier		
<b>HATCH COVER</b>				<b>CARGO GEAR DETAILS</b>					
		<b>SIZE</b>		<b>PERMISSIBLE DECK LOAD</b>		Cargo Gear : DECK CRANE			
No.1		6.30m x 10.60m				NIL			
No.2		12.60m x 8.00m				Max Load @ Max. Outreach:			
No.3,4,5,6,7,8		12.60m x 10.60m				SWL :			
						Grabs :			
						Lifting Capacity of Grabs :			
<b>TANK CAPACITIES</b>									
<b>BALLAST TANKS</b>	<b>LOCATION (Fr. No.)</b>	<b>100% (M3) CAPACITY</b>	<b>WING SIDE TANKS</b>	<b>LOCATION (Fr. No.)</b>	<b>100% (M3) CAPACITY</b>	<b>FUEL OIL TANKS</b>	<b>LOCATION (Fr. No.)</b>	<b>100% (M3) CAPACITY</b>	
FPT	199 - F.E	314.66	No. 1 F	177 - 188	536.88	No. 2 FOT S	135 - 158	402.56	
DEEP TANK	188 - 193	247.47	No. 1 A P&S	158 - 178	511.71/511.71	No. 2 FOT P	135 - 158	402.56	
No. 1 WBT( C )	158 - 178	116.69	No. 2 P&S	199 - 135	296.13/296.13	No. 4 FOT P	41 - 60	364.47	
No. 2 WBT( C )	199 - 158	603.73	No. 3 F P&S	96 - 119	435.74/435.74	No. 4 FOT S	41 - 60	364.47	
No. 3 WBT( C )	80 - 119	684.85	No. 3 A P&S	80 - 96	307.34/307.34				
No. 4 WBT( C )	40 - 80	593.50	No. 4 P&S	60 - 80	339.49/339.49	<b>D.O TANKS</b>			
APT	A.E - 12	703.46	<b>F.W.</b>			DOT P	23 - 42	64.40	
			F.W.T P&S	A.E - 5	126.95/126.95	DOT S	23 - 42	62.06	
			D.W.T	5 - 12	96.60				
<b>NAVIGATION DATA :</b>									
<b>Engine Order / Condition</b>	<b>LOADED</b>		<b>BALLAST</b>		<b>Engine Order / Condition</b>	<b>LOADED</b>		<b>BALLAST</b>	
	<b>RPM</b>	<b>SPEED (KT)</b>	<b>RPM</b>	<b>SPEED (KT)</b>		<b>RPM</b>	<b>SPEED (KT)</b>	<b>RPM</b>	<b>SPEED (KT)</b>
Full Ahead	65	13.1	65	13.5	Full Astern	65	7.9	70 rpm	13.5
Half Ahead	50	10.2	50	10.6	Half Astern	50	6.1	75 rpm	14.2
Slow Ahead	40	8.1	40	8.4	Slow Astern	40	4.9	80 rpm	15.25
Dead Slow Ahead	30	6.1	30	6.4	Dead Slow Astern	30	3.7	85 rpm	16