

**B. 1.00 - PASSAGE PLAN**

Date : 01/10/2018
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Made by : QHSE
Approved by : MD
Rev. No : 01

KEMAMAN

Vessel: BITU ATLANTIC

Voyage No: ATL 001L1

Date (dd/mm/yy) : - 15.11.2018

Port Of Departure:	PORT LOUIS	ETD:	16.11.2018 < 1800 LT
Port Of Destination:	LOME	ETA:	01.12.2018 < 0600 LT
Planned Speed:	13.5 KTS		
Total Distance:	4960 NM		
Total Steaming Time:	367 HRS.		
Clocks: Adv / Retd	Retd 04 hrs		

All Charts and Navigational Publications corrected Up to Notice No:46/2018

ECDIS Last Updated Up to: 46/2018

Various ROB's Required for the Voyage: Required to be Checked by Master and Chief Engineer:

	Present ROB	Cons on Passage	Min Safe ROB Reqd	ROB Arrival	Remark
FO	679.8 MT	480 MT	540 MT		VSL WILL RCVD BNKR, IN PORT LOUIS
LSFO					
D					
LSDO	101.8 MT	0.0 MT	0.0 MT	101.8 MT	
Thermal Oil					
Fresh Water	292 MT	160 MT	180 MT	112 MT	

Are Sufficient Lubes available to complete this Voyage

Yes / No **Acknowledgement**

Prepared by: MOHSIN MULLA

Approved by: CAPT. MARIN PANAIT

Rank: 2ND OFFICER

Rank: MASTER

Signature: Signature: 

Date: 15.11.2018

Date: 15.11.2018

Passage plan to be Made by 2nd Officer, Approved by Master, Discussed with all Navigating Officers And Sent to QHSE for Review. Same to be filed onboard In B 1.00 folder



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Passage Plan Appraisal Checklist

<p>Have the charts Selected for passage been checked to be: -</p> <ul style="list-style-type: none"> - Large scale Charts for Coastal Waters (<i>The largest scale charts published, where appropriate, should be used</i>) - Appropriate Scale Charts for ocean passage, - Planning Charts, Routing, Weather, Pilot and load Line Charts used for using recommended routes, 	<p>YES YES YES</p>
<p>Have Publications been referred to and used: -</p> <ul style="list-style-type: none"> - Dsailing Directions and Pilot books, e-NPS - List of Lights and Radio Signals, ADP - Tide tables and Tidal Streams, ADP - Guide to Port entry, - Have the Safety of navigation / approaches and any new situation in port related information been asked from local agents before arrival by e mail. 	<p>YES YES YES YES YES</p>
<p>Are all the charts and publications Corrected for Latest NTM Received, Local Warnings, NAVAREA Warnings and Navtex messages</p>	<p>YES</p>
<p>Have Following been checked and considered for passage planning:-</p> <ul style="list-style-type: none"> - Arrival / Departure drafts in relation to port restrictions after applying Squat corrections and density of water, - Ship's Cargo and any other operational requirement for passage, - Security Related information – Changes to Security level / Changes In Bridge manning level / Points were the vessel should be hardened (comments to be added in "MASTERS COMMENTS" in Waypoint list. 	<p>YES YES YES</p>

Master and Navigating Officer is to be Guided with Following for passage planning: -

1. Managements SMS Requirements for Safety of Navigation,
2. Guidelines for Voyage Planning: IMO Resolution A.893(21) MCA Guidance (SOLAS)
3. A.893(21) - Guidelines for Voyage Planning IMO
4. Nautical Charts and Publications MCA Guidance (SOLAS)
5. MEPC/Circ.397 - Ballast Water Management - Country Profiles IMO Circulars
6. MGN 315 (M) - Keeping a Safe Navigational Watch on Merchant Vessels MCA M Notices
7. MGN 199 (M) - Dangers of interaction MCA M Notices
8. Bridge Team Management – A Practical Guide Nautical Institute
9. Bridge Procedures Guide International Chamber of Shipping

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10. NP 231 Admiralty Guide to the Practical Use of ENC's
11. NP 232 Admiralty Guide to ECDIS Implementation, Policy and Procedure
12. NP 5012 – Admiralty Guide to ENC Symbols used in ECDIS

Passage Plan

1. Charts To Be Used For This Voyage

FR273490,FR274880,FR274890,FR370350,FR472220,FR473280,GB104702,GB104707,GB200003,GB200779,GB200717,GB353210,IN17706C,IN233BBL,IN2472NI,IN52514A,IN62514P,FR271860,FR271870,FR271880,FR47587B,FR57587A,FR57587C,GB104203,GB104204,GB104205,GB104208,GB104209,GB104700,GB104712,GB104713,GB200311,GB301383,GB301384,GB301385,GB327200,ZA100010,ZA100020,ZA100030,ZA1N0010,ZA1N0020,ZA200010,ZA200020,ZA200030,ZA200040,ZA200060,ZA2N0030,ZA2N0040.

2. Reference Books To Be Used During Navigation: -

ADP = ADRS1345 : Area-1, Area-2,

ADRS2 : Area-1, ADRS6 : Area-5, Area-10.

ADLL : Vol-6, Vol-5, Vol-10. & ATT : Vol-6, Vol-5, Vol-10.

e-NPS : 01, 02, 03, 39, e-NP136(1), e-NP136(2), e-NP100, e-NP231, e-NP5012, e-NP314/18

3. Radio Stations Transmitting Weather Fax For The Area: - CAPE NAVAL (ZSJ)

4. Stations Transmitting NAVTEX Messages For The Area: -

C- MAURITIUS, O-DURBAN, I-PORT ELIZABETH, C-CAPE TOWN, B-WALVISBAY

5. Coast Station Transmitting Navigational Warnings: -

NAVAREA-08 NAVAREA-02 AND NAVAREA-07, SOUTH AFRICA, NAMIBIA AND LA REUNION, (AOR-E Areas West of 020E & IOR Areas East of 020 E)

6. Weather Conditions Expected During Voyage: - NE X 5, Mod- Sea, Swell – 2-3 m; Vis. - Mod.

7. Any Limitations Of M/E, A/E And Navigational Equipment: - NO

8. Comments From Navigating Officers Based On Past Experience: - Before Departure Ask permission for departure. While departing from Port Louis Anchorage vessel will pass SE of Reunion and Madagascar. Be careful with Traffic. Keep clear of NoGo areas. Vessel may experience Aghulus current. Monitor weather closely. Monitor UKC closely. Carry out ENC Chart assessment before making any diversion from the plan. Stay vigilant all the times, Use Parallel Indexing as marked on the ENC. Plot position at regular interval on ENC as marked. Plot EGC Nav Warnings message on ENC as soon as it receives.

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Port Of Departure Information
Name of Departure port: PORT LOUIS

VHF Channels:

Pilot : - 16,12, 14
VTS : NA
Port Control : -16,12,14
Any Office Channel : -NA

Tidal Information * Add more sheets if necessary

Standard Port :- PORT LOUIS

Date :- 14.11.18

Time (LT)	Height
0541	0.5
0655	0.5
1429	0.5
Time (LT)	Height
16/0421	0.4
0947	0.6
1621	0.4
2132	0.5

15.11.18

Time (LT)	Height
0028	0.5
0939	0.5
Time (LT)	Height
17/0305	0.3
0958	0.6
1618	0.4
2202	0.5

Estimated Draft On Arrival

Forward : 11.6 m
Aft : 12.0 m
Mean : 11.8 m
Air Draft 34.22 m

Least Depth: 20.7m
Tide: 0.6 m
Available Depth
(incl CAIZOC): 20.1 m
Squat @ 12Kt : 2.18 m
Max Draft
(incl squat): 14.18 m
UKC: 5.92 m

Distance (Berth to Pilot): NA
Estimated Time to PBG: NA

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Port Of Arrival Information

Name of arrival port: LOME

VHF Channels:

Pilot : 16, 12, 14
VTS : TOGO NAVY.CH 10
Port Control, : 12, 14, 16
Any Office Channel

Tidal Information * Add more sheets if necessary

Standard Port : - LOME

NOTE :

Date : 29.11.18

Time (LT)	Height
0222	0.8
0811	1.6
1434	0.5
2134	1.7
Time (UTC)	Height

30.11.18

Time (LT)	Height
0338	0.9
0925	1.5
1536	0.6
2240	1.8
Time (LT)	Height
01/0458	0.8
1048	1.4
1643	0.6
2343	1.8

NOTE :

Estimated Draft On Departure


Forward : 11.6 m
Aft : 12.0 m
Mean : 11.8 m
Air Draft : 34.22 m

Least Depth: 20.0m
Tide: 1.8m
Available Depth
(Incl CATZOC): 20.6 m
Squat @12 Kt :2.18
Max Draft
(Incl squat):14.18
UKC:6.42m

Distance (Berth to Pilot): NA

Estimated Time to PBG:

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Pilot To Pilot

Vessel Name: BITU ATLANTIC		VOY No: ATLO0111		From: PORT LOUIS		TO: LOME		Loaded / Ballast		Date: 16.11.2018		
WP	Waypoint		Course	DIST	DTG	A/C POSN, BRG And Dist.	Means Of Posn Fix	Frequency Mins	UKC (Meters)		Points To Note	
	LAT()	LONG()							Avall	Reqd		Watch Level
PBG	20 07.6 S	057 27.4 E	263	9	4960	160X2.5	VIS / RAD/GPS	20-30 MIN	<100	1.18 m	3	PORT LOUIS PBG
WP01	20 08.1 S	057 23.9 E	223	113	4951	158X3.5	VIS / RAD/GPS	20-30 MIN	<100	1.18 m	2	FL(2)W 10s46m29M
WP02	21 30.9 S	056 00.2 E	239	597	4838	314X15.8	RAD/GPS/CEL	60 MIN	<100	1.18 m	1	OC(2)W, Pointe Dela
WP03	26 41.5 S	046 41.8 E	244	562	4241	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP04	30 45.2 S	037 05.0 E	244	705	3679	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP05	35 50.7 S	024 25.8 E	270	255	2974	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP06	35 49.3 S	019 12.0 E	318	455	2719	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP07	30 08.0 S	013 12.1 E	342	444	2264	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP08	23 04.8 S	010 37.4 E	342	440	1820	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP09	16 03.7 S	008 15.5 E	342	608	1380	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP10	06 19.7 S	005 12.5 E	343	608	772	NA	GPS/CEL	60 MIN	<100	1.18 m	1	DEEP SEA
WP11	03 25.4 N	002 15.4 E	341	150	165	NA	VIS / RAD/GPS	20-30 MIN	<100	1.18 m	2	DEEP SEA
WP12	05 47.4 N	001 28.2 E	336	9	15	332X23.1	VIS / RAD/GPS	20-30 MIN	<100	1.18 m	3	LOME BW
WP13	05 55.7 N	001 24.6 E	334	8	08	331X14.1	VIS / RAD/GPS	3-5 MIN	<50	1.18 m	3	LOME BW
LOME AN	05 59.5 N	001 17.9 E		00	00	175X8.5	VIS / RAD/GPS	3-5 MIN	30	1.18 m	3	LOME ANC
Remarks:												

