

**B. 1.00 - PASSAGE PLAN**

Date : 01/10/2018
 Page : 1 of 9
 Made by : QHSE
 Approved by : MD
 Rev. No : 01

KEMAMAN

Vessel: BITU ATLANTIC

Voyage No: ATL 001L4

Date (dd/mm/yy) : - 30.12.2018

Port Of Departure:	LOME ANCHORAGE	ETD:	31.12.2018 < 0100 LT
Port Of Destination:	LOME MINERAL BERTH	ETA:	31.12.2018 < 0200 LT
Planned Speed:	6.0 KTS		
Total Distance:	7 NM		
Total Steaming Time:	01 HRS.		
Clocks: Adv / Retd	NA		

All Charts and Navigational Publications corrected Up to Notice No:01/2019

ECDIS Last Updated Up to: 52/2018

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	680.4 MT	01 MT	02 MT	679.4 MT	
LSFO					
D					
LSDO	94.6 MT	0 MT	0 MT	94.6 MT	
Thermal Oil					
Fresh Water	100 MT	2 MT	5 MT	98 MT	

Are Sufficient Lubes available to complete this Voyage

Yes / No **Acknowledgement**

Prepared by: MOHSIN MULLA

Rank: 2ND OFFICER

Signature:

Date: 30.12.2018

Approved by: CAPT. MARIN PANAIT

Rank: MASTER

Signature:

Date: 30.12.2018

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



B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
 Page : 2 of 9
 Made by : QHSE
 Approved by : MD
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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 (The largest scale charts published, where appropriate, should be used) - 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"> - Deailing 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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B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
Page : 3 of 9
Made by : QHSE
Approved by : MD
Rev. No : 01

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

FR47587b, FR57587A.

2. Reference Books To Be Used During Navigation: -

ADP = ADRS1345 : Area-1

ADRS2 : Area-1, DRS6 : Area-10.

ADLL : Vol-10. & ATT : Vol-10.

e-NPS : e-NP01, e-NP136(1), e-NP100, e-NP231, e-NP5012, e-NP314/18

3. Radio Stations Transmitting Weather Fax For The Area: - NA

4. Stations Transmitting NAVTEX Messages For The Area: - NA

5. Coast Station Transmitting Navigational Warnings: - NAVAREA-02

6. Weather Conditions Expected During Voyage: - SW X 3, Mod- Sea, Swell – 01m, 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 from Togo navy on Ch 10. While departing from Lome Anchorage vessel will pass Lome Channel, Be careful with Traffic. Keep clear of NoGo areas. Vessel may experience dense fishing traffic, 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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B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
Page : 4 of 9
Made by : QHSE
Approved by : MD
Rev. No : 01

Port Of Departure Information
Name of Departure port: LOME ANCHORAGE

VHF Channels:

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

Tidal Information * Add more sheets if necessary

Standard Port :- LOME
Date :- 30.12.18

Time (LT)	Height
0426	0.8
1016	1.4
1604	0.6
2304	1.8
Time (LT)	Height
01/0001	1.8
0644	0.6
1249	1.4
1812	0.8

31.12.18

Time (LT)	Height
0538	0.7
1135	1.4
1707	0.7
Time (LT)	Height
02/0055	1.8
0740	0.6
1353	1.4
1913	0.8

Estimated Draft On Arrival

Forward : 7.5 m
Aft : 10 m

Mean : 8.7 m
Air Draft : 36.22 m

Least Depth: 11.5 m
Tide: 1.0 m
Available Depth
(incl CATZOC): 12.5 m
Squat @ 06Kt : 0.5 m
Max Draft
(incl squat): 11.5 m
UKC: 1.0 m

Distance (Berth to Pilot): 7NM
Estimated Time to PBG: NA

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B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
Page : 5 of 9
Made by : QHSE
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Port Of Arrival Information

Name of arrival port: LOME MINERAL BERTH

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	:30.12.18	
	Time (LT)	Height
	0426	0.8
	1016	1.4
	1604	0.6
	2304	1.8
	Time (UTC)	Height
	01/0001	1.8
	0644	0.6
	1249	1.4
	1812	0.8

Date	31.12.18	
	Time (LT)	Height
	0538	0.7
	1135	1.4
	1707	0.7
	Time (LT)	Height
	02/0055	1.8
	0740	0.6
	1353	1.4
	1913	0.8

NOTE :

Estimated Draft On Departure

Forward : 7.5 m
Aft : 40 m

Mean : 8.7 m
Air Draft : 36.22 m

Least Depth: 11.5 m
Tide: 1.0m
Available Depth
(incl CATZOC): 12.5 m
Squat @06 Kt :0.5
Max Draft
(incl squat):11.5m
UKC:1.0 m

Distance (Berth to Pilot): 7 NM

Estimated Time to PBG:



B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
Page : 6 of 9
Made by : QHSE
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T P Notice, Radio Navigation Warnings
Affecting Voyage Charts

Chart No.	T & P Notice	Navigation Warnings	Coastal Warnings
	NO AIO ON ENC, WK 52	NIL	NAVTEX OUT OF COVERAGE AREA
FR47587b	NIL	NIL	NIL
FR57587A	NIL	NIL	NIL

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B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
 Page : 7 of 9
 Made by : QHSE
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Berth To Pilot

Vessel Name: BITU ATLANTIC

VOY No: ATL001L4

From: LOME ANCHORAGE

To: LOME MINERAL BERTH


Loaded / Ballast

Date: 31.12.18

WP	Waypoint		Course	DIST	DTG	A/C POSN, BRG And Dist.	Means Of Posn Fix	Frequency		Watch		UKC (Meters)		Points To Note	Masters Comment
	LAT()	LONG()						Mins		Level	Avail	Reqd			

Remarks:

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MARITIME
CONSULTANTS

B. 1.00 - PASSAGE PLAN

Date : 01/10/2018
Page : 9 of 9
Made by : QHSE
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Pilot To Berth

WP	Waypoint		Course	DIST	DTG	A/C POSN, BRG And Dist.	Means Of Posn Fbx	Frequency Mins	Loaded / Un-Ballast		Points To Note
	LAT()	LONG()							Watch Level	UJC (Meters) Avail	
ANC.	06 05.0 N	001 16.3 E	071	2.5	5.7		VIS / RAD/GPS	03-05 MIN	3	1.0 m	LOME ANC, S/L-1
WP01	06 05.8	001 18.8	010	1.0	3.2	TG10,126x2.29	VIS / RAD/GPS	03-05 MIN	4	6.1	SL-1,
WP02	06 06.9	001 19.0	330	1.0	2.2	BW,306x1.8	VIS / RAD/GPS	03-05 MIN	4	4.3	S/L-1, PBG
WP03	06 07.8	001 18.5	329	0.1	1.2	BW,282x1.0	VIS / RAD/GPS	03-05 MIN	4	1.9	S/L-1, LateralBy's
WP04	06 08.0	001 18.4	271	0.5	1.1	BW,273x0.9	VIS / RAD/GPS	03-05 MIN	4	2.3	S/L-1, LateralBy's
WP05	06 08.0	001 17.9	288	0.3	0.6	BW,272x0.4	VIS / RAD/GPS	03-05 MIN	4	2.4	S/L-1, LateralBy's
WP06	06 08.1	001 17.6	270	0.1	0.3	BW,227x0.1	VIS / RAD/GPS	03-05 MIN	4	2.7	S/L-1, NE of BW
WP07	06 08.1	001 17.3	354	0.2	0.2	BW,134x0.1	VIS / RAD/GPS	03-05 MIN	4	2.5	S/L-1,
BERTH	06 08.3	001 17.3		0	0	LT,295x0.5	VIS / RAD/GPS	03-05 MIN	4	2.5	S/L-1, BERTH
Remarks:											

Approved by : **CAPT. MARIN PANAJT**

[Signature]
Master

Prepared by : **MOHSIN MULLA**

[Signature]

2nd Officer

Read and Understood :

[Signature]
Chief Officer

3rd Officer

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