

**B. 1.00 - PASSAGE PLAN**

Date : 01/10/2018  
Page : 1 of 14  
Made by : QHSE  
Approved by : MD  
Rev. No : 01

**KEMAMAN**

Vessel: BITU ATLANTIC

Voyage No: ATL 001L1

Date (dd/mm/yy) : - 03.11.2018

Port Of Departure:	SINGAPORE EASTERN ANCHORAGE B	ETD: 05.11.2018 < 0001 LT
Port Of Destination:	PORT LOUIS	ETA: 15.11.2018 < 0001 LT
Planned Speed:	14 KTS	
Total Distance:	3370 NM	
Total Steaming Time:	240 HRS.	
Clocks: Adv / Retd	Retd 04 hrs	

All Charts and Navigational Publications corrected Up to Notice No:44/2018

ECDIS Last Updated Up to: 44/2018

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	238.2 MT	30 MT	350 MT		BNKR WILL RCVD IN SGN
LSFO					
D					
LSDO	105.5 MT	MT	MT	105.5 MT	
Thermal Oil					
Fresh Water	290 MT	10 MT	100 MT	190 MT	

Are Sufficient Lubes available to complete this Voyage

Yes  / No **Acknowledgement**

Prepared by: MOHSIN MULLA

Rank: 2<sup>ND</sup> OFFICER

Signature:

Date: 03.11.2018

Approved by: CAPT. MARIN PANAIT

Rank: MASTER

Signature:

Date: 03.11.2018

Passage plan to be Made by 2<sup>nd</sup> 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><b>Have the charts Selected for passage been checked to be: -</b></p> <ul style="list-style-type: none"> <li>- Large scale Charts for Coastal Waters (<i>The largest scale charts published, where appropriate, should be used</i>)</li> <li>- Appropriate Scale Charts for ocean passage,</li> <li>- Planning Charts, Routeing, Weather, Pilot and load Line Charts used for using recommended routes,</li> </ul>	<p>YES  YES YES</p>
<p><b>Have Publications been referred to and used: -</b></p> <ul style="list-style-type: none"> <li>- Dsailing Directions and Pilot books,</li> <li>- List of Lights and Radio Signals,</li> <li>- Tide tables and Tidal Streams,</li> <li>- Guide to Port entry,</li> <li>- Have the Safety of navigation / approaches and any new situation in port related information been asked from local agents beore arrival by e mail.</li> </ul>	<p>YES YES YES YES YES</p>
<p><b>Are all the charts and publications Corrected for Latest NTM Received, Local Warnings, NAVAREA Warnings and Navtex messages</b></p>	<p>YES</p>
<p><b>Have Following been checked and considered for passage planning:-</b></p> <ul style="list-style-type: none"> <li>- Arrival / Departure drafts in relation to port restrictions after applying Squat corrections and density of water,</li> <li>- Ship's Cargo and any other operational requirement for passage,</li> <li>- 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.</li> </ul>	<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: -**

303921,42139a,id300009,id300436,ID300437,ID400018,IN141ANI,IN2471SK,IN3409NH,  
MS30F2TT,MY2C0058,MY3C0540,MY3C0553,MY3C0554,MY3C0565,MY4C5230,TH200362,  
FRAU130060,FR273490,FR274880,FR274890,FR370350,FR472220,FR473280,GB104702,GB104707,  
GB200003,GB200709,GB200717,GB353210,IN62514P.

**2. Reference Books To Be Used During Navigation: -**

ADP = ADRS1345 : Area-1, Area-2, ADRS2 : Vol-1, Vol-2, ADRS6 : Vol-6, Vol-5, Vol-10.

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

e-NPS : 30,36,44,39.

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

SEOUL AND BANGKOK

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

C-SINGAPORE, U-PENANG & C- MAURITIUS

**5. Coast Station Transmitting Navigational Warnings: -**

NAVAREA-11 WARNINGS AND NAVAREA-08 WARNINGS

**6. Weather Conditions Expected During Voyage: -**

NE X 3, Mod Sea, Swell – 1-2 m, Visibility- moderate

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

**8. Comments From Navigating Officers Based On Past Experience: -** Before Departure Singapore Anchorage call port control, ask permission for departure. While departing from Singapore Anchorage vessel will follow TSS, Be careful with Shallow patches, Wrecks, fishing Stakes & Barges. Keep clear of NoGo areas. Vessel may experience dense Fishing traffic. Monitor weather closely STRAITREP Reporting to be carried out as mark on ENC Navigate with caution throughout TSS, Crossing traffic will encounter in TSS, comply Rule 10 and 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: SINGAPORE EASTERN BNKR ANCHORAGE.**

**VHF Channels:**

**Pilot** VHF CH.20

**VTS** CENTRAL SECTOR 08, VHF CH. 14, WEST SECTOR 44-73, SECTOR 06, CH/88, SECTOR 05-CH/88  
 SECTOR 04-CH/61, SECTOR 03-CH/84, SECTOR 02-CH/88, SECTOR 01-CH/66

**Port Control**

**Any Office Channel**

**Tidal Information** \* Add more sheets if necessary

**Standard Port** : - SINGAPORE (TANJONG PAGAR)

**NOTE :**

**Date**

**:05.11.18**

**06.11.18**

Time (LT)	Height
0323	0.8
0938	2.8
1547	1.1
2148	3.0
Time (UTC)	Height

Time (LT)	Height
0409	0.8
1006	2.9
1626	0.8
2236	3.1
Time (LT)	Height

**NOTE :**

**Estimated Draft On Departure**

Forward : 12.0 m

Aft : 12.0 m

Mean : 12.0 m

Air Draft : 34.22 m

Least Depth: 20.7

Tide:3.0m

Available Depth

(Incl CATZOC): 22.5

Squat @12 Kt :2.18

Max Draft

(incl squat):14.18

UKC:8.32m

Distance (Berth to Pilot): NA

Estimated Time to PBG:

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**Port Of Departure Information**

**Name of departure port: SINGAPORE EASTERN BNKR ANCHORAGE.**

**VHF Channels:**

Pilot VHF CH-20

VTS - CENTRAL SECTOR 08-CH/14, WEST SECTOR 07-CH/73, SECTOR 06-CH/88, SECTOR 05-CH/88  
SECTOR 04-CH/61, SECTOR 03-CH/64, SECTOR 02-CH/88, SECTOR 01-CH/66

Port Control

Any Office Channel

**Tidal Information** \* Add more sheets if necessary

Standard Port : - WEST COAST

**NOTE :**

Date

**:05.11.18**

**06.11.18**

Time (LT)	Height
0405	0.7
0957	2.8
1619	0.9
2207	3.0
Time (UTC)	Height

Time (LT)	Height
0446	0.7
1024	3.0
1703	0.7
2255	3.0
Time (LT)	Height
07/0521	0.6
1048	3.1
1743	0.6
2340	3.0

**NOTE :**

**Estimated Draft On Departure**

Forward : 12.0 m

Aft : 12.0 m

Mean : 12.0 m

Air Draft : 34.22 m

Least Depth: 20.7

Tide:3.1m

Available Depth

(Incl CATZOC): 22.6

Squat@12 Kt :2.18

Max Draft

(incl squat):14.18

UKC:8.42m

Distance (Berth to Pilot): NA

Estimated Time to PBG:

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**Port Of Departure Information**

**Name of departure port: SINGAPORE EASTERN BNKR ANCHORAGE.**

**VHF Channels:**

Pilot - VHF CH/20

VTS - CENTRAL SECTOR 05-CH/14, WEST SECTOR 07-CH/73, SECTOR 06-CH/88, SECTOR 05-CH/88

Port Control SECTOR 04-CH/61, SECTOR 03-CH/84, SECTOR 02-CH/88, SECTOR 01-CH/66.

Any Office Channel :

**Tidal Information \* Add more sheets if necessary**

Standard Port : - JURONG WHARF

**NOTE :**

Date

**:05.11.18**

**06.11.18**

Time (LT)	Height
0358	0.7
0958	2.8
1615	0.8
2207	2.9
Time (UTC)	Height

Time (LT)	Height
0437	0.7
1027	3.0
1658	0.6
2257	2.9
Time (LT)	Height
07/0511	0.7
1052	3.1
1737	0.5
2343	2.9

**NOTE :**

**Estimated Draft On Departure**

Forward : 12.0 m

Aft : 12.0 m

Mean : 12.0 m

Air Draft : 34.22 m

Least Depth: 20.7

Tide:3.1m

Available Depth

(Incl CATZOC): 22.6

Squat @12Kt : 2.18

Max Draft

(incl squat : 13.98

UKC:8.62m

Distance (Berth to Pilot): NA

Estimated Time to PBG:



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**Port Of Departure Information**

**Name of departure port: SINGAPORE EASTERN BNKR ANCHORAGE.**

**VHF Channels:**

Pilot - VHF CH/20

VTS - CENTRAL SECTOR 05-CH/14, WEST SECTOR 07-CH/73, SECTOR 06-CH/88, SECTOR 05-CH/88

Port Control SECTOR 04-CH/61, SECTOR 03-CH/84, SECTOR 02-CH/88, SECTOR 01-CH/66

Any Office Channel

**Tidal Information** \* Add more sheets if necessary

Standard Port : - SULTAN SHOAL LIGHT HOUSE

**NOTE :**

Date

**:05.11.18**

**06.11.18**

Time (LT)	Height
0412	0.8
0956	3.0
1638	0.8
2212	3.1
Time (UTC)	Height

Time (LT)	Height
0456	0.8
1029	3.1
1727	0.6
2258	3.2
Time (LT)	Height
07/0534	0.8
1057	3.3
1810	0.5
2340	3.1

**NOTE :**

**Estimated Draft On Departure**

Forward : 12.0 m

Aft : 12.0 m

Mean : 12.0 m

Air Draft : 34.22 m

Least Depth: 20.7

Tide:3.2m

Available Depth

(Incl CATZOC): 22.7

Squat@12Kt:2.18

Max Draft

(incl squat):14.18

UKC:8.52m

Distance (Berth to Pilot): NA

Estimated Time to PBG:

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**Port Of Arrival Information**

**Name of Arrival 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 (UTC)	Height
0541	0.5
0655	0.5
1429	0.5
Time (UTC)	Height
16/0421	0.4
0947	0.6
1621	0.4
2132	0.5

15.11.18

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

**Estimated Draft On Arrival**

**Forward** : 12.0 m  
**Aft** : 12.0 m  
  
**Mean** : 12.0 m  
**Air Draft** : 34.22 m

**Least Depth:** 20.7  
**Tide:** 0.6 m  
**Available Depth**  
 (Incl CATZOC): 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



