

**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 00IL1**Date (dd/mm/yy) :** - 02.11.2018**Port Of Departure:**

KEMAMAN

ETD: 03.11.2018 < 2200 LT**Port Of Destination:**SINGAPORE
EASTERN
ANCHORAGE B**ETA:** 04.11.2018 < 1500 LT**Planned Speed:**

14 KTS

Total Distance:

233 NM

Total Steaming Time:

16.6 HRS.

Clocks: Adv / Retd

NA

All Charts and Navigational Publications corrected Up to Notice No:43/2018**ECDIS Last Updated Up to: 43/2018****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 | 243.8 MT | 22 MT | 25 MT | 221.8 MT | |
| LSFO | | | | | |
| D | | | | | |
| LSDO | 104.5 MT | | | 104.5 MT | |
| Thermal Oil | | | | | |
| Fresh Water | 300 MT | 10 MT | 20 MT | 290 MT | |

Are Sufficient Lubes available to complete this VoyageYes / No **Acknowledgement**

Prepared by: MOHSIN MULLA

Approved by: CAPT. MARIN PANAIT

Rank: 2ND OFFICER

Rank: MASTER

Signature:

Signature:

Date: 2.11.2018

Date: 02.11.2018

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, Routeing, Weather, Pilot and load Line Charts used for using recommended routes, | <p>YES</p> <p>YES</p> <p>YES</p> |
| <p>Have Publications been referred to and used: -</p> <ul style="list-style-type: none"> - Dsailing Directions and Pilot books, - List of Lights and Radio Signals, - Tide tables and Tidal Streams, - 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</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>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</p> <p>YES</p> <p>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:** - ID200103, ID300430, ID40042, ID400065, ID500065, ID500044, ID50049A, ID501062, JP13DRUO, KR1SW000, MS31K2EB, MS3RS2FC, MS4BR2JS, MS41K2RL, MS4NS2EB, MY2C0054, MY3C0625, MY4A5154, MY4C5123, MY4C6257, MY6B5123, MY6B6122

2. **Reference Books To Be Used During Navigation:** -
ADP = ADRS1345 : Area-2, ADRS2 : VoL-2, ADRS6 : VoL-6, Vol-5, ADLL : VoL-6, Vol-5, ATT : VoL-6, Vol-5 & e-NPS : 30,36,44

3. **Radio Stations Transmitting Weather Fax For The Area:** -
SINGAPORE AND MALAYSIA FORECAST AREA

4. **Stations Transmitting NAVTEX Messages For The Area:** -
C-SINGAPORE, U=PENANG

5. **Coast Station Transmitting Navigational Warnings:** -
NAVAREA-11 WARNINGS

6. **Weather Conditions Expected During Voyage:** -
NE X 2, Sit Sea, Swell – 0.2 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 call Kemaman port control on VHF Ch 11 &16, ask permission for departure. While departing from Kemaman Berth vessel will follow Narrow Channel dredged 18 m, be careful with Shallow patches, Wrecks, fishing Stakes, Fishing traffic & Barges. Keep clear of No-go areas. Monitor weather closely. On Arrival Singapore SITREP Reporting to be carried out as mark on ENC. Navigate with caution throughout TSS, crossing traffic will encounter in TSS (Crossing Traffic will exhibit 03 all-round GREEN light in a vertical line on main mast), comply Rule 10 and monitor UKC closely. Also merging of Traffic will be encounter at Eastern bank area, please aligned vessel well in advanced, 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. Coordinate with port control for Anchorage area, 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: KEMAMAN

VHF Channels:

Pilot : 16, 11,68
VTS : NA
Port Control : 16, 11,68
Any Office Channel : NA

Tidal Information * Add more sheets if necessary

Standard Port : - PELABUHAN KUANTAN Secondary Port :- SUNGAI KEMAMAN

NOTE :

Date :03.11.18

| Time (LT) | Height |
|------------|--------|
| 0512 | 2.0 |
| 1244 | 0.5 |
| 1748 | 0.9 |
| 2254 | 0.5 |
| Time (UTC) | Height |
| | |
| | |
| | |
| | |

04.11.18

| Time (LT) | Height |
|-----------|--------|
| 0613 | 1.9 |
| 1319 | 0.4 |
| 1913 | 1.2 |
| | |
| Time (LT) | Height |
| 05/ 0025 | 0.6 |
| 0707 | 1.8 |
| 1350 | 0.3 |
| 2013 | 1.5 |

NOTE :

Estimated Draft On Departure

Forward : 12.0 m
Aft : 12.0m

Mean : 12.0 m
Air Draft : 34.22 m

Least Depth: 17 m
Tide:1.9m
Available Depth
(Incl CATZOC): 17.7 m
Squat @ 12 Kt : 2.18 m
Max Draft
(incl squat) : 14.18 m
UKC:3.52m

Distance (Berth to Pilot): 14 NM
Estimated Time to PBG: 2 HRS



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Port Of Arrival Information

Name of Arrival port: SINGAPORE OFFSHORE

VHF Channels:

Pilot :- CH-20
VTS :- VTIS EAST SECTOR - VHF CH-10
VTIS CENTRAL SECTOR, VHF CH 14
Port Control :- VTIS WEST SECTOR - VHF CH-73
CH-09
Any Office Channel :- 0

Tidal Information * Add more sheets if necessary

Standard Port :- SINGAPORE (TANJONG PAGAR)

Date 04.11.18 05.11.18

| Time (UTC) | Height |
|------------|--------|
| 0226 | 0.9 |
| 0903 | 2.7 |
| 1500 | 1.3 |
| 2053 | 2.8 |
| Time (UTC) | Height |
| | |
| | |
| | |
| | |

| Time (UTC) | Height |
|------------|--------|
| 0323 | 0.8 |
| 0938 | 2.8 |
| 1547 | 1.1 |
| 2148 | 3.0 |
| Time (UTC) | Height |
| 06/0409 | 0.8 |
| 1006 | 2.9 |
| 1626 | 0.8 |
| 2236 | 3.1 |

Estimated Draft On Departure

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

Least Depth: 18 m
Tide: 3.1 m
Available Depth
(Incl CATZOC):-1.2=19.9
Squat @ 12Kt : 2.18 m
Max Draft
(incl squat): 14.18 m
UKC: 5.72 m

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



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Port Of Arrival Information

Name of Arrival port: SINGAPORE OFFSHORE

VHF Channels:

Pilot :- VHF CH-20
VTS :- EAST SECTOR, CH-10, CENTRAL SECTOR-CH-14
Port Control :- WEST SECTOR CH-73
Any Office Channel :- CH-09

Tidal Information * Add more sheets if necessary

Secondary Port :- TANJONG CHANGI

Date :04.11.18

| Time (LT) | Height |
|-----------|--------|
| 0214 | 1.0 |
| 0913 | 2.8 |
| 1448 | 1.4 |
| 2103 | 2.9 |
| Time (LT) | Height |
| | |
| | |
| | |
| | |

05.11.18

| Time (LT) | Height |
|-----------|--------|
| 0311 | 0.9 |
| 0948 | 2.9 |
| 1535 | 1.2 |
| 2158 | 3.1 |
| Time (LT) | Height |
| 06/0357 | 0.9 |
| 1016 | 3.0 |
| 1614 | 0.9 |
| 2246 | 3.2 |

Estimated Draft On Departure

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

Least Depth: 18 m
Tide: 3.1 m
Available Depth
(Incl CATZOC):1.2=19.9
Squat @ 12Kt : 2.18 m
Max Draft
(incl squat): 14.18 m
UKC: 5.72 m

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

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