



B. 5.20 - DRILL REPORT

Date : 10/08/2018
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 Made by : QHSE
 Approved by : MD
 Rev. No : 0

Vessel : MT BITU ATLANTIC Date (dd/mm/yy):10.11.2018 Location:AT SEA

Type of Drill : CRITICAL MACHINERY FAILURE DRILL

Description of Planned Drill: -

GIVE PROPER TRAINING TO ALL CREW,WHAT ACTION TO BE TAKEN IN CASE OF **CRITICAL MACHINERY FAILURE**

SOLAS Requirements for Conducting Abandon Ship Drill and Fire Drill:

SOLAS Ch III Reg 19 3.3 Requires Abandon Ship Drill Should Include atleast following: -

- Raising of Alarm and Mustering of Crew at Muster stations,
- Preparing for Their Duties as described in Muster List,
- Checking that Crew is appropriately dressed and Life jackets properly donned,
- Lowering of at least one Life boat after necessary preparation, (Not for free fall Life Boats),
- Starting and operating Life boat Engine,
- Operating Davits used for Launching Life rafts,
- Mock search and Rescue of Crew Trapped in Staterooms,
- Instructions in use of Radio Life Saving Appliances.

SOLAS Ch III Reg 19 3.4 Requires Fire Drill Should Include at least following: -

- Fire Drills should be planned so as to have regular practice in various emergencies that may occur depending upon type of vessel,
- Reporting for stations and Preparing for Their Duties as described in Muster List,
- Starting Fire pump using at least 2 jets of water,
- Checking of fireman's outfit and other personal rescue equipments,
- Checking operation of water tight doors, fire doors, fire dampers and ventilation systems in area of drill,
- Check necessary arrangements for subsequent abandoning of the ship.

Log Of Events Of Drill: - Each and every reported event to Bridge has to be recorded with time as below: -

After initial Alarm Sounded crew muster at Emergency Muster Station: -

| Time | Event | Reported By |
|------|--|-------------|
| 1718 | Alarm Sounded, Nature of drill declared by Master: CRITICAL MACHINERY FAILURE | MASTER |
| 1719 | Crew Mustered | CH. OFF |
| 1720 | Head Count Taken- Missing Persons NONE | CH. OFF |
| 1721 | Checking of PPE Done | CH. OFF |
| 1722 | Duties Checked / Explained | CH. OFF |

Master declares the nature of emergency and Emergency team Organisation done as below: -

| Time | Event | Reported By |
|------|--|-------------|
| 1724 | Master discussed critical machinery failure , the procedure to be followed,contingency check list discussed. | MASTER |
| | In the event of critical machinery failure ,master, engine informed, GMDSS station manned ,send msg as instructed by master, chart assesed, Navigational Hazards in Vicinityto be checked Exhibit NUC Lights/Shapes, | 2ND OFF |
| | Prepare For Anchoring If Water Depth Suitable. | 3RD OFF |

To be completed on conclusion of every drill & forwarded by Email at end of every month & filed as hard copy on board in Bridge 5.20 folder



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| | | |
|------|---|---------|
| | Assess Weather, Current and Draft. | 2ND OFF |
| | Establish Cause of Breakdown. Check Time Required To Repair. | 2ND ENG |
| | Notify Office.any Shore Assitance Required. Enter Facts In Log Book. | 2ND OFF |
| | Take Photographs. Retain Broken ,Parts Send Details Damage Report from C/E to Head Office | CH OFF |
| | Q & A Session carried out .Crew debriefed by chief officer. | C/OFF |
| 1745 | Drill called-off by master. | MASTER |
| | | |

Evaluation of Drill for improving the training and response of crew in emergency: - This Should be based upon following: -

- **Response of Crew in Drill as observed by all Team Leaders and Master,**
- **Feedback from Crew Members for effective improvemnet of Response,**
- **Identification for Further training requirements should be aimed for improvement.**

ALL SATISFACTORY.

Drill Attendance Log:-

| Sr. No | Name | Rank |
|--------|--------------------------------|------------|
| 1 | CAPT. PANAIT MARIN | MASTER |
| 2 | GURDAS SINGH | C/OFF |
| 3 | FERNANDES SILVESTRE AGNESIO | 3RD OFF |
| 4 | ANDRIESANU DUMITRU | CH.ENG |
| 5 | ANGELADA ARSENIO JR. CERVANTES | 2ND ENG |
| 6 | MARTINEZ LEOLOR ADAM BEQUILLA | 4TH ENG |
| 7 | SHARMA GAGANDEEP | TECHNICIAN |
| 8 | ADI VENANCIO MONDEJAR | BOSUN |
| 9 | BAILO LYNDON BANDOLA | PUMPMAN |
| 10 | LUMAWAG JEFFREY RIEGO | AB-1 |
| 11 | OLAC WILMAR TIPSAY | AB-2 |
| 12 | DE MESA JOE VENSON | AB-3 |
| 13 | MUECO ACE JAIMEAN VALLECER | OS-1 |
| 14 | PAJO JIMBOY VILLANUEVA | OS-2 |
| 15 | SADOGUIO MARK ANTHONY | OS-3 |
| 16 | SILIGAN GREGORIO JR | FTR-1 |
| 17 | MATTUPURATH GEORGE VARGHESE | FTR-2 |
| 18 | ADUNA MARLON | OILER-1 |
| 19 | SEBUCO MARK ANTHONY EMBOLODE | OILER-2 |
| 20 | ABELA ROLLY DACILLO | WIPER |
| 21 | SIBAYAN DENNIS | CH.COOK |
| 22 | BAUTO JERWIN CHUAHAP | MESSMAN |
| 23 | DOURADO DERICK SAVIO | CADET |

Safety Officer :- Name: Gurdas singh

Master :- Name: Capt.Panait Marine