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| Departemen_Perhubungan.wmf | FORM SKENARIO  LABORATORIUM/SIMULATOR/  WORKSHOP | | Nomor Dokumen : FM.USW.01.02a |
| Tgl. Ditetapkan : 02 November 2015 |
| Revisi No : 02 |
| Tgl. Diberlakukan : 09 Januari 2017 |
| Made By : | | Reviewer : |
| PIP SEMARANG | MOCH.IMRONI. M | CAPT. DWI ANTORO, M.M,M.MAR | CAPT.ARIKA PALAPA, M.Si, M,M.ar |

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| Type Facilities :   * Laboratorium * Simulator * Other | Name Laboratorium/ Simulator/ Other :  SMS/F.M Ship Hadling Simulator (Bridge)/PART TASK SHIP HANDLING |

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| **STCW Convention** |  | |
| **Program** | UJIAN KOMPERHRNSIF ANT-IV SEKENARIO I | |
| **REFERENSI STCW** | Navigation at the operational level | |
| **AIM of Exercise** | Merencanakan dan melakukan pelyaran dan menentukan posisi, menjaga keselamatan bernavigasi, megolah gerak kapal  (Plan and conduct a passage and determine position, Maintain a safe navigational watch, Maneuver the ship) | |
| **Objective** | 1. Kemampuan untuk menentukan posisi kapal menggunakan semua peralatan   (Ability to determine the ship’s position use all equipment)   1. Mengetahui tentang system control kemudi, kemampuan manover dan penanganan kapal   (Knowledge of steering control systems, ability to maneuvering and handling ship)   1. . Mengetahui tentang prosedur pelaporan dan komunikasi   (Knowledge of reporting procedures and communication)   1. Mengetahui menyeluruh tentang isi dan mengaplikasikannya dari peraturan internasional untuk mencegah tubrukan dilaut,1978, sebagai mana telah diubah   (Thorough knowledge of the content, application and intent of the international regu;ations for Preventing Collisions at Sea,1978, as amended) | |
| **Own Ship Data** | Ship Name  Call Sign  Type Of Ship  Displacement  LOA  Darft  Max Speed  Type of propeller  Bow Thruster  Condition | MV. AZZAHRA  PMSZ  BULK CARRIER  76800,0 T  290,0 m  9,3 m  8,02 knt  FPP/ Single  NO  Full Loaded |
| **Exercise condition** | MV. AZZAHRA,Call Sign PMSZ sedang beralayar dari Tanjung Priok Jakarta ke Melaka Malaysia, jam 19.15 waktu setempat, kapal melintas Selat Singapura di Middle Part. Perwira Jaga harus dilaporkan ke VTS, dan memanggil Nahkoda jika situasi ragu-ragu, persiapkan semuanya dengan prosedur yang baik untuk melewati selat, ada kapal lain yang posisinya disekitar, lewat, menyeberang, mendahului dan berlabuh.  *MV.AZZAHRA, Call Sign PMSZ was sailing form Tanjung Priok Jakarta to Malaka Malaysia, at 19.15 local time, the vessel passing Singapore strait at Middle part. OOW should be report to VTS, and call master if have any doubt situation, prepare everything with good for passing the straits, there are the other vessel around of this position, passing, crossing, over taking and anchoring.* | |

**INITIAL INFORMATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WIND** | | **CURRENT** | | **SEA STATE** | |
| Direction | 000 | Direction | 135 | Direction | 000 |
| Speed | 1,0 knots | Speed | 0.1 knots | Speed | 0,1  knots |

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| **Briefing** | 10 minutes |
| **Exercise Duration** | **80 minutes** |
| **Debriefing** | 10 minutes |

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| **Performance Criteria** | | |
| **NO** | **TIME** | **ACTIVITY** |
| 1 | 15 | **Kemampuan untuk menentukan posisi kapal menggunakan semua peralatan**  ***(Ability to determine the ship’s position use all equipment)***   1. Menentukan posisi secara berkala *(fixing position peridocally)* 2. Memonitor kedalaman air dengan echo sounder *(monitor depth water with echo sounder)* 3. Memonitor arah, kecepatan angina dan arus *(monitor direction, speed of wind and current)* 4. Menentukan efeknya olah gerak *(determine effect to maneuvering)* |
| 2 | 20 | **Mengetahui tentang system control kemudi, kemampuan manover dsn penaganan kapal *( knowledge of steering control systems & ability to maneuvering and handling ship)***   1. Ubah a ke auto pilot ke manual *( change over auto pilot to manual)* 2. Mengolah gerak untuk melewati selat *( maneuver to passing straits)* 3. Mengolah gerak untuk menghindari tubrukan ( maneuver to avoid collusion) 4. Sesuaikan haluan untuk mengolah gerak *( adjust course for maneuver)* |
| 3 | 15 | **Mengetahui tentang prosedur pelaporan dan komunikasi *(knowledge of the operating procedures and communication)***   1. Komunikasi dengan pihak lain *(communication with other party)* 2. Beritahu nahkoda dan kamar mesin*( inforn to master and engine room)* 3. Lapor posisi ke VTS *( report position to VTS)* 4. Konfirmasi semua dek *(confirm all deck)* |
| 4 | 30 | **Mengetahui menyeluruh tentang isi dan mengaplikasikan dari peraturan internasional untuk pencegahan tubrukan dilaut,1978, sebagai mana telah dirubah*( Thourough knowledge of content, application and intent of the international regulation for preventing collision at sea,1972, as amended)***   1. Komunikasi dengan semua pihak (communication with other party) 2. Mengolah gerak untuk menghindari tubrukan ( to avoid collusion) 3. Sesuaikan *haluan untuk mengolah gerak ( adjust course for maneuver)* 4. Jaga jarak aman dengan kapal lain *( keep safety distance with other ship)* |

\*Critical performance below must get record **“Yes”** mark will lead the final result to mark **FAIL**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Critical Performance** | **Y** | **N** |
| 1 | *Menentukan posisi secar berkala*  *Fix position periodically* |  |  |
| 2 | *Melakukan komunikasi dengan semua pihak*  *Maintain communiation with all parties* |  |  |
| 3 | *Menyesuaikan kecepatan untuk olah gerak*  *Adjust speed to maneuver speed* |  |  |
| 4 | *Memonitor kedalaman air*  *Monitior the depth water* |  |  |
| 5 | *Hindari tubrukan*  *Avoid collusion* |  |  |

**The Task And Evaluation Performance Criteria**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Activity** | **Time Frame (minutes)** | **Result** | | **Mark** | **Actual Time** | **Remark** |
|  | **Y** | **N** |
| **1** | **Kemampuan untuk menentukan posisi kapal menggunakan semua peralatan**  ***(Ability to determine the ship’s position use all equipment)***   1. Menentukan posisi secara berkala *(fixing position peridocally)* 2. Memonitor kedalaman air dengan echo sounder *(monitor depth water with echo sounder)* 3. Memonitor arah, kecepatan angina dan arus *(monitor direction, speed of wind and current)*   Menentukan efeknya olah gerak *(determine effect to maneuvering)* | **15**  +5  +5  +5 |  |  | **20** |  |  |
| **2** | **Mengetahui tentang system control kemudi, kemampuan manover dsn penaganan kapal *( knowledge of steering control systems & ability to maneuvering and handling ship)***   1. Ubah a ke auto pilot ke manual *( change over auto pilot to manual)* 2. Mengolah gerak untuk melewati selat *( maneuver to passing straits)* 3. Mengolah gerak untuk menghindari tubrukan ( maneuver to avoid collusion)   Sesuaikan haluan untuk mengolah gerak *( adjust course for maneuver* | **20**  +5  +10  +5 |  |  |  |  |  |
| **3** | **Mengetahui tentang prosedur pelaporan dan komunikasi *(knowledge of the operating procedures and communication)***   1. Komunikasi dengan pihak lain *(communication with other party)* 2. Beritahu nahkoda dan kamar mesin*( inforn to master and engine room)* 3. Lapor posisi ke VTS *( report position to VTS)* 4. Konfirmasi semua dek *(confirm all deck)* | **15**  +2,5  +5  +5  +2,5 |  |  |  |  |  |
| **4** | **Mengetahui menyeluruh tentang isi dan mengaplikasikan dari peraturan internasional untuk pencegahan tubrukan dilaut,1978, sebagai mana telah dirubah*( Thourough knowledge of content, application and intent of the international regulation for preventing collision at sea,1972, as amended)***   1. Komunikasi dengan semua pihak (communication with other party) 2. Mengolah gerak untuk menghindari tubrukan ( to avoid collusion) 3. Sesuaikan *haluan untuk mengolah gerak ( adjust course for maneuver)* 4. Jaga jarak aman dengan kapal lain *( keep safety distance with other ship)* | **30**  +5  +10  +5  + 10 |  |  |  |  |  |

**Time factor**

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| --- | --- | --- | --- |
| <60 minutes = 1 | 61 – 70 minutes = 0.9 | 70 – 80 minutes = 0.8 | >80 minutes = 0.5 |

**Total Time : ………………minutes Time Factor : …………….**

**Total Score : Total Mark X Total Factor = …………… x ……………. = …………….**

**Final Result : PASS / FAIL ( Passing Grade = 70 )**