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| Departemen_Perhubungan.wmf | FORM SKENARIO  LABORATORIUM/SIMULATOR/  WORKSHOP | | Nomor Dokumen : FM.USW.01.02a |
| Tgl. Ditetapkan : |
| Revisi No : |
| Tgl. Diberlakukan : |
| Made By : | | Reviewer : |
| PIP SEMARANG | **Capt. Agus Subardi, SP1. M Mar** |  | **Capt. Dwi Antoro, MM., M.Mar** |

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| Type Facilities :   * Laboratorium * Simulator * Other | Name Laboratorium / Simulator / Other :  SMS/Part Task Ship Handling Simulator/F.M Ship Handling Simulator (Bridge) |

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| **STCW Convention** | **Certificat Of Competency** | |
| **Program** | Penilaian semua informasi yang berhubungan dengan passage plan, **Scenario 03**  *Assessment of all information related to the passage plan* | |
| **REFERENSI STCW** | ***Reg. II/1-2 and STCW Code Section A-II/1.2***  ***IMO Reference and STCW Code table A-II/2*** | |
| **Aim of Exercise** | Merencanakan rancangan pelayaran dari dermaga ke dermaga  *Plan Voyages from berth to berth* | |
| **Objective** | 1. Mengumpulkan semua informasi tentang Voyage Plane   *Collect all the information about the Voyage Plane*   1. Menyiapkan dan mengumpulkan penerbitan penerbitan navigasi   *Prepare and collect the publications of navigation publishing*   1. Mempersiapkan materi untuk Kerjasama Tim   *Prepare materials for Teamwork*   1. Menyiapka peta peta laut yang diperlukan untuk navigasi pelayaran   *Prepare the map of the sea map required for navigation of the voyage*   1. Menyusun peta peta laut yang diperlukan untuk menyusun route pelayaran   *Arrange the map of the sea map needed to construct the cruise route* | |
| **Own Ship Data** | Ship Name  Call Sign  Type Of Ship  Displacement  LOA  Draft  Max Speed  Type Of Propeller  Bow Thruster  Condition  Anchor | MV. SANAK SAUDARA  PKRX  LO RO SHIP  4514.0 Ton  173.5 meter   * 1. meter   12 Knots  FPP Single  Yes  Full Loaded  Port/Stbd 11 shackle |
| **Exercise condition** | Rencana kapal akan berlayar dari pelabuhan TG Priok jakarta menuju menuju Tg Perak Surabaya. Sebelum sandar didermaga Zambrud, kapal terlebih dahulu berlabuh jangkar di rede Surabaya  *The ship plan will sail from TG Priok port jakarta towards Tg Perak Surabaya. Before ship berthing at Zambrud wharf, the ship first anchored anchor in rede Surabaya.*   1. Buat Voyage Plane dari pelabuhan Tg Priok Jakarta menuju Karang Jamuang Pilot Station, dan dariJamuang pilot station menuju ke Rede Surabaya untuk berlabuh jangkar. Hitunglah jumlah jaraknya dan waktu tiba.   *Create Voyage Plane from Tg Priok port of Jakarta to Karang Jamuang Pilot Station, and from Jamuang pilot station to Rede Surabaya to anchor. Calculate the amount of distance and time of arrival*   1. Melaksanakan / melaporkan kedatangan kapal kepada kepanduan karang Jamuang dan kepanduan Surabaya, VHF radio telephone CH.12   *Implement / report the arrival of the ship to the Jamuang Pilot Station and Surabaya Pilot Station, with VHF radio telephone CH.12* | |

**INITIAL INFORMATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WIND** | | **CURRENT** | | **SEA STATE** | |
| Direction | 255⁰ | Direction | east | Direction | North East |
| Speed | 1,5 knots | Speed | 0.5 knots | Speed | 00 knots |

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| **Briefing** | 10 minutes |
| **Exercise Duration** | 60 minutes |
| **Debriefing** | 10 minutes |

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| **Performance Criteria** | | |
| **NO** | **TIME** | **ACTIVITY** |
| 1 | 10 | Informasi dan Data data   1. Membuat dan mengumpulkan data data tentang / untuk pelayaran ke Surabaya   *Create and collect data about / for voyage to Surabaya*   1. Memilih penerbitan navigasi yang diperlukan untuk pelayaran   *Choose the navigation publishing required for the voyage* |
| 2 | 10 | Menyiapkan dan mengumpulkan penerbitan penerbitan navigasi  *Prepare and collect the publications of navigation publishing :*  ***The Navigation / Publication Books*** *:*  *Ocean Passage For The World, Admiralty Sailing Direction, Guide to Port Entry*  *Admiralty List of Light, The Pilot Book, Mariner Hand Book, Admiralty Tide Tables*  *The Almanac Nautica, Norris Tables, HO Observation 249 & 312.*  *The Pilot Charts, IMO Ship Routing, The Weather Charts, Notice to Mariners,*  *Navigation Warning, Meteorological Information*  *Vessel condition and handling characteristics* |
| 3 | 10 | Mempersiapkan materi untuk Kerjasama Tim  *Prepare materials for Teamwork:*  *Membuat garis besar rencana pelayaran dan penerbitan navigasi yang diperlukan*  *Outline the shipping and navigation publishing plan required* |
| 4 | 10 | Menyiapka peta peta laut yang diperlukan untuk navigasi pelayaran  *Prepare the map of the sea map required for navigation of the voyage* |
| 5 | 10 | Menyusun nomor peta peta laut yang diperlukan untuk route pelayaran  *Arrange the map of the sea map needed to construct the cruise route* |
| 6 | 10 | Menentukan dan menetapkan garis haluan dengan mawar pedoman  *Define and define the course line with compass rose guidelines* |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Critical Performance** | **Y** | **N** |
| 1 | Persiapkan Route Pelayaran dengan aman  *Prepare Route Planning safely* |  |  |
| 2 | Menyiapkan dan mengumpulkan penerbitan penerbitan navigasi  *Prepare and collect the publications of navigation publishing* |  |  |
| 3 | *Membuat garis besar rencana pelayaran dan penerbitan navigasi yang diperlukan*  *Outline the shipping and navigation publishing plan required* |  |  |
| 4 | Komunikasi dengan Kepanduan Karang Jamuang / Surabaya  *Communication with Karang Jamuang Pilot / Surabaya* |  |  |
| 5 | *Membuat garis besar rencana pelayaran dan penerbitan navigasi yang diperlukan*  *Outline the shipping and navigation publishing plan required* |  |  |

**The Task And Evaluation Performance Criteria**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Activity** | **Time Frame (minutes)** | **Result** | | **Mark** | **Actual Time** | **Remark** |
|  | **Y** | **N** |
| **1** | **Make the Voyage Plan** | **10** |  |  | **15** |  |  |
|  | Membuat Track dan Garis Haluan di Peta  *Make track and sailing direction on the Chart* | *+2,5* |  |  | 5 |  |  |
|  | Memasukkan WPT Ke GPS  *Input WPT to GPS* | *+5* |  |  | 5 |  |  |
|  | Menentukan ETA  *Determine the ETA* | *+2,5* |  |  | 5 |  |  |
| **2** | **Menyiapkan dan mengumpulkan penerbitan penerbitan navigasi**  *Prepare and collect the publications of navigation publishing* | **10** |  |  | **10** |  |  |
|  | Penerbitan Navigasi :  *Ocean Passage For The World, Admiralty Sailing Direction, Guide to Port Entry*  *Admiralty List of Light, The Pilot Book, Mariner Hand Book, Admiralty Tide Tables*  *The Almanac Nautica, Norris Tables, HO Observation 249 & 312.*  *The Pilot Charts, IMO Ship Routing, The Weather Charts, Notice to Mariners* | *+5* |  |  | *5* |  |  |
|  | Menyiapkan peta peta laut yang akan digunakan sesuai dengan route pelayaran.  *Set up a map of the sea map to be used in accordance with the shipping route*. | *+5* |  |  | *5* |  |  |
| **3** | **Mempersiapkan materi untuk Kerjasama Tim**  *Prepare materials for Teamwork:*  *Membuat garis besar rencana pelayaran dan penerbitan navigasi yang diperlukan*  *Outline the shipping and navigation publishing plan required* | **10** |  |  | **20** |  |  |
|  | Menjelaskan garis besar rencana pelayaran kepada bridge team*.*  *Explain the outline of the shipping plan to the bridge team*. | *+10* |  |  | *20* |  |  |
| **4** | **Menyiapkan peta peta laut yang diperlukan untuk navigasi pelayaran**  *Prepare the map of the sea map required for navigation of the voyage* | **10** |  |  | **15** |  |  |
|  | Memilih / menyusun nomor peta laut sesuai dengan route pelayaran .  *Selecting / arranging the sea map according to the shipping route and the map number* | *+5* |  |  | *5* |  |  |
|  | Memilih peta pandu, peta route kapal sesuai dengan daerah pelayaran dan peta cuaca.  *Selects pilot maps, ship route maps according to shipping areas and weather maps*. | *+5* |  |  | *10* |  |  |
| **5** | **Menentukan dan menetapkan haluan kapal dipeta**  *Determine the ship course on a map* | **10** |  |  | **20** |  |  |
|  | Menentukan haluan dengan mistar jajar dan mistar segitiga  *Determine the bow with ruler and triangular ruler* | *+10* |  |  | *20* |  |  |
| **6** | **Melaksanakan rapat dengan anggota Bridge untuk menjelaskan route pelayaran**  *Conduct a meeting with Bridge members to explain the route of the voyage* | **10** |  |  | **20** |  |  |
|  | Pengambilan Keputusan Sesuai Situasi dan Kondisi yang ada.  *Decision-making according to the circumstances* | *+10* |  |  | *20* |  |  |
|  |  | **60** | **Total** | | **100** *100* |  |  |

**Time factor**

|  |  |  |  |
| --- | --- | --- | --- |
| <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 )**