|  |  |  |  |
| --- | --- | --- | --- |
| 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** |  | **Dr. Capt. H. Sahabuddin Sunusi, M.T., M.Mar** |

|  |  |
| --- | --- |
| 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** | Rancangan Pelayaran / Passage Planning (ANT – II/ Semester VII) | |
| **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** | Mempersiapkan kapal untuk berlayar / *preparing ships for sailing*  Point point penilaian Passage planning  *Point of assessment Passage planning* | |
| **Objective** | 1. Membuat Passage Planning   *Creating Passage Planning*   1. Komunikasi   *Communication*   1. Emergensi Situasi   *Emergency Situation*   1. Kerjasama Tim   *Team work*   1. Respon Kondisi Darurat   *Respons to emergencies*   1. Pengambilan Keputusan   *Decisions making* | |
| **Own Ship Data** | Ship Name  Call Sign  Type Of Ship  Displacement  LOA  Draft  Max Speed  Type Of Propeller  Bow Thruster  Condition  Anchor | MV. ANTARES  YCQW  LO RO SHIP  19512.0 Ton  173.5 meter   * 1. meter   18,9 Knots  CPP Single  Yes  Full Loaded  Port/Stbd 11 shackle |
| **Exercise condition** | Kapal berlayar Tg Priok Jakarta untuk membongkar muatan di pelabuhan Tg Perak Surabaya. Sebelum sandar kapal berlabuh di Rede Area untuk menunggu Pilot Bording untuk menuju Dermaga Zambrud.  *A Ship sailing from Jakarta for cargo discharge to Surabaya. Before berthing, the ship anchor in SBY Anchorage Area for waiting Pilot Boarding to go to Zambrud Wharf.*   1. Buat Voyage Planning dari posisi tolak pelabuhan Tg Priok Jakarata menuju ke Tg Perak Surabaya.   *Make a voyage plan from position* Tg Priok Jakarta to Tg perak Surabaya   1. Tentukan ETA nya   *Calculate the ETA*   1. Melaksanakan komunikasi dengan Jamuang Pilot St dan Surabaya Pilot Station Ch.12.   *Communication Report with Jamuang Pilot Station CH. 12* | |

**INITIAL INFORMATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WIND** | | **CURRENT** | | **SEA STATE** | |
| Direction | 255⁰ | Direction | North weast | Direction | North East |
| Speed | 2 knots | Speed | 0.7 knots | Speed | 00 knots |

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

|  |  |  |
| --- | --- | --- |
| **Performance Criteria** | | |
| **NO** | **TIME** | **ACTIVITY** |
| 1 | 20 | Voyage Plan   1. Membuat Track dan Garis Haluan dipeta kertas   *Make Track and sailing direction on the chart*   1. Masukkan WPT ke Voyage Plan (GPS)   *Put in WPT to Voyage Plan (GPS)*   1. Menentukan ETA   *Determine ETA* |
| 2 | 10 | Komunikasi  *Communication*   1. Melakukan Komunikasi Dengan Pilot St   *Communication with VTIS*   1. Melakukan Komunikasi Dengan Kapal2 Lain   *Communication with another ships* |
| 3 | 10 | Mengamati Situasi mendekati Jamuang Pilot St and Surabaya Pilot St.  *Observing situation approaching Jamuang and Surabaya Pilot St* |
| 4 | 10 | Kerjasama Tim  *Teamwork*   1. Pengorganisasian   *Organization*   1. Kerjasama dalam menghadapai / mengamati Pilot St area   *Cooperate to observing situation at Pilot St area* |
| 5 | 10 | Pengambilan Keputusan  *Making decicions* |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Critical Performance** | **Y** | **N** |
| 1 | Persiapkan / buatlah Route Pelayaran dengan aman  *Prepare Route Planning safely* |  |  |
| 2 | Melaporkan Ke Nahkoda bahwa kapal siap berlayar  *Report to the Captain if ship’s ready for sailing* |  |  |
| 3 | Memberitahukan Ke Kamar Mesin  *Inform to the Engine Room* |  |  |
| 4 | Komunikasi dengan Pilot St  *Communication with Pilot St* |  |  |
| 5 | Tindakan-tindakan saat mendekati pilot St  *Actions when the approaching Pilot St area* |  |  |

**The Task And Evaluation Performance Criteria**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Activity** | **Time Frame (minutes)** | **Result** | | **Mark** | **Actual Time** | **Remark** |
|  | **Y** | **N** |
| **1** | **Voyage Plan** | **20** |  |  | **25** |  |  |
|  | Membuat Track dan Garis Haluan di Peta  *Make track and sailing direction on the Chart* | *+10* |  |  | 10 |  |  |
|  | Memasukkan WPT Ke GPS  *Input WPT to GPS* | *+5* |  |  | 10 |  |  |
|  | Menentukan ETA  *Determine the ETA* | *+5* |  |  | 5 |  |  |
| **2** | **Komunikasi** | **10** |  |  | **20** |  |  |
|  | Komunikasi Dengan Pilot St  *Communication with Pilot St* | *+5* |  |  | *10* |  |  |
|  | Komunikasi Dengan Kapal-Kapal Lain  *Communication with another ships* | *+5* |  |  | *10* |  |  |
| **3** | **Situasi kapal berlayar**  *The ship is sailing* | **10** |  |  | **20** |  |  |
|  | *In All Situation / condition* | *+10* |  |  | *20* |  |  |
| **4** | **Kerjasama Tim**  *Teamwork* | **10** |  |  | **15** |  |  |
|  | Pengorganisasian  *Organization* | *+5* |  |  | *5* |  |  |
|  | Kerjasama Dalam Bernavigasi  *Cooperate to handle ship navigation* | *+5* |  |  | *10* |  |  |
| **5** | **Pengambilan Keputusan**  *Making decisions* | **10** |  |  | **20** |  |  |
|  | Pengambilan Keputusan Sesuai Situasi dan Kondisi  *Take a right decisions according the situation of emergencies* | *+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 )**