|  |  |  |
| --- | --- | --- |
| 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) |

|  |  |
| --- | --- |
| **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 NameCall SignType Of ShipDisplacementLOADraftMax SpeedType Of PropellerBow ThrusterCondition Anchor | MV. ANTARESYCQWLO RO SHIP19512.0 Ton173.5 meter * 1. meter

18,9 KnotsCPP SingleYesFull LoadedPort/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 Surabaya1. 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 Plan1. 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 )**