ABSTRACT

Immanuel Hendra Sukoco, 2016, *"Operating Dynamic Position System To Support Manouvering Vessel AHTS Logindo Energy at Jkk Area Semi Submarsible Rig Scarabeo-7 Oilfield".* Minithesis, Nautika Program Diploma IV PIP Semarang.
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Dynamic positioning system is the application for keep and stable the ship position automatically, with this able the writter arrange some problems about how process manouvering board at oil drilling field to assist JKK Area Semi Submarsible Rig Scarabeo-7, and the problems who faced at the time of manouvering ship used dynamic positioning system and the solution to answer the problems when the vessel manouvering in order that the manouver will succes with safely.In this thesis, writer will explain about the basic theory of manouvering board used dynamic positioning system who used by writter to make research report to solve the problem existing in the main research related to explain the vessel manouvering, oil drilling, Semi Submarsible Rig and then dynamic positioning system.

The metods who used by writter on this research is a qualitative descriptive methods, in this case the data in the form of the approach to the object through observation, library studies and the interview directly toward the subject and using the study documentation.

On the result of the study research the writter found some problems, such as preparation of the vessel is not good before manouvering at Semi Submarsible Rig it make the vessel manouvering hampered. The discussion to handle the preparations who not maximum or not good is found the factors that support to the succes of the vessel manouvering from external factors and internal factors.Then it can be inferred that the vessel manouvering using dynamic positioning system can be succes cause the external factors and internal factors support the vessel to manouvering at Semi Submarsible Rig and then the good preparation stage will give effect to make succes manouvering vessel using by dynamic positioning system.

Keywords : Dynamic Positioning System, manouvering