

1. Procedure to set up the Alstom nutcracker

1.1 DO NOT TURN THE TRAINER OFF OR SHUT IT DOWN GET INTO DP AS QUICK AS POSSIBLE THE SHIP DRIFTS

- 1. Set POSITION, CURRENT, and CURRENT required by exercise
- 2. Select SIMULATION from MIMIC INDEX
- 3 From MIMIC INDEX select LAT/LONG SETUP
- Do not change LOCAL.
- 5. PREDEFINED GEODETIC
- WGS84
- 6. PREDEFINED PROJECTION UTM 31
- 7. APPLY
- Steps 3 to 7 are not required normally on version 2
- 9. From MODE select SIMULATION
- Enable thrusters on main screen
- 11. Enable gyros, enable wind sensor
- 12. MIMIC INDEX select SIMULATION
- 13. Deploy DGPS 1 (click on name to select), then click on Recovered to deploy
- 14. Select it into DP when button goes blue
- 15. MODES select DP
- 16. MIMIC INDEX select SIMULATION
- 17. Deploy any other PRS, as per 12
- 18. From SCREEN OPTIONS select items to be displayed.
- 19. Set gain
- 20. Enable Environmental force fast learn under MIMIC INDEX
- 21. Set PME weight to automatic

START EXERCISE

Dp Operator Manual Alstom

David Bray

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Dynamic Positioning for Engineers Surender Kumar, 2020-10-28 Dynamic Positioning for Engineers enables the reader to acquire the basic knowledge of the concepts and understanding of the dynamic positioning DP system from the systems perspective This book illustrates the system subsystems and components of the DP system to better tackle maintenance problems and breakdowns leading to an increased mean time between failures and effective fault finding on dynamic positioning DP related equipment Overall this text will help professionals reduce downtime and higher repair costs Aimed at onboard electrical engineers engine room watch officers chief engineers DP professionals onboard in onshore officers and those taking DP training courses this book Explains automation and its application in the DP system Describes environmental sensors and position reference sensors as important inputs to the DP system Includes chapters on power management and thrusters Aids engineers in maintaining a the DP system in good operational condition **Positioning** David Bray, 2003 Marine Navigation and Safety of Sea Transportation Adam Weintrit, Tomasz Neumann, 2013-06-04 The TransNav 2013 Symposium held at the Gdynia Maritime University Poland in June 2013 has brought together a wide range of participants from all over the world The program has offered a variety of contributions allowing to look at many aspects of the navigational safety from various different points of view Topics presente Civil Engineering Topics, Volume 4 Tom Proulx, 2025-08-07 Civil Engineering Topics Volume 4 Motor Ship .2004 Proceedings of the 29th IMAC A Conference and Exposition on Structural Dynamics 2011 the fourth volume of six from the Conference brings together 35 contributions to this important area of research and engineering The collection presents early findings and case studies on fundamental and applied aspects of Civil Engineering including Operational Modal Analysis Dynamic Behaviors and Structural Health Monitoring Marine Engineers Review ,2003 The Journal of Offshore Technology, 2000 Turbomachinery International Handbook ,2002 Processing ,1999 Ship & Boat International .2002 Asia Pacific Shipping ,2003 **Design and Application of Modern Synchronous Generator Excitation Systems** Jicheng Li, 2019-06-18 Uses real world case studies to present the key technologies of design and application of the synchronous generator excitation system This book systematically introduces the important technologies of design and application of the synchronous generator excitation system including the three phase bridge rectifier circuit diode rectifier for separate excitation brushless excitation system and the static self stimulation excitation system It fuses discussions on specific topics and basic theories providing a detailed description of the theories essential for synchronous generators in the analysis of excitation systems Design and Application of Modern Synchronous Generator Excitation Systems provides a cutting edge examination of excitation system addressing conventional hydro turbines pumped storage units steam turbines and nuclear power units It looks at the features and performance of the excitation system of the 700MW hydro turbine deployed at the Three Gorges Hydropower Plant spanning the Yangtze River in China as well as the working principle and

start up procedure of the static frequency converter SFC of pumped storage units It also expounds on the composition of the excitation transformer power rectifier de excitation equipment and automatic excitation regulator in addition to the performance features of the excitation system of conventional 600 1000MW turbines and the excitation system of the 1000MW nuclear power unit Presents cutting edge technologies of the excitation system from a unique engineering perspective Offers broad appeal to power system engineers who require a better understanding of excitation systems Addresses hydro turbines pumped storage units steam turbines and nuclear power units Provides an interdisciplinary examination of a range of applications Written by a senior expert in the area of excitation systems Written by an author with over 50 years experience Design and Application of Modern Synchronous Generator Excitation Systems is an excellent text that offers an interdisciplinary exposition for professionals researchers and academics alike

Turbomachinery

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Thomas Register of American Manufacturers ,2002 This basic source for identification of U S manufacturers is arranged by product in a large multi volume set Includes Products services Company profiles and Catalog file The DP Operator's Handbook David Bray,2008 DP Operator's Handbook D. J. Bray, Nautical Institute (Great Britain),2010

Dynamic Positioning Systems Fidaa Karkori,2024-05-18 The application of dynamic positioning DP systems has been expanded significantly not only in the number of DP vessels but also in the range of applications and the advancement of DP technologies In order to address various needs of the industry the majority of leading Classification Societies Class have developed Class specific guidance relating to development implementation and use of dynamic positioning Systems DP This book provides generalised guidance adapted from various leading Classes to provide DP professionals with a readily available source of information and guidance relating to the operation and use of DP systems The book provides optional notations and technical specifics that reflect current industry practice and DP technologies This book includes guidance relating to Enhanced system EHS notations to recognise design features beyond current DPS series notations and to provide flexibility to owners and operators Station keeping performance SKP notations to recognise DP capability and to encourage robust design of the DP systems Increased level of detail on the technical requirements to help less experienced users DP Operator's Handbook D. J. Bray, John Daniels, Glenn Fiander, Dane Foster, 2020

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