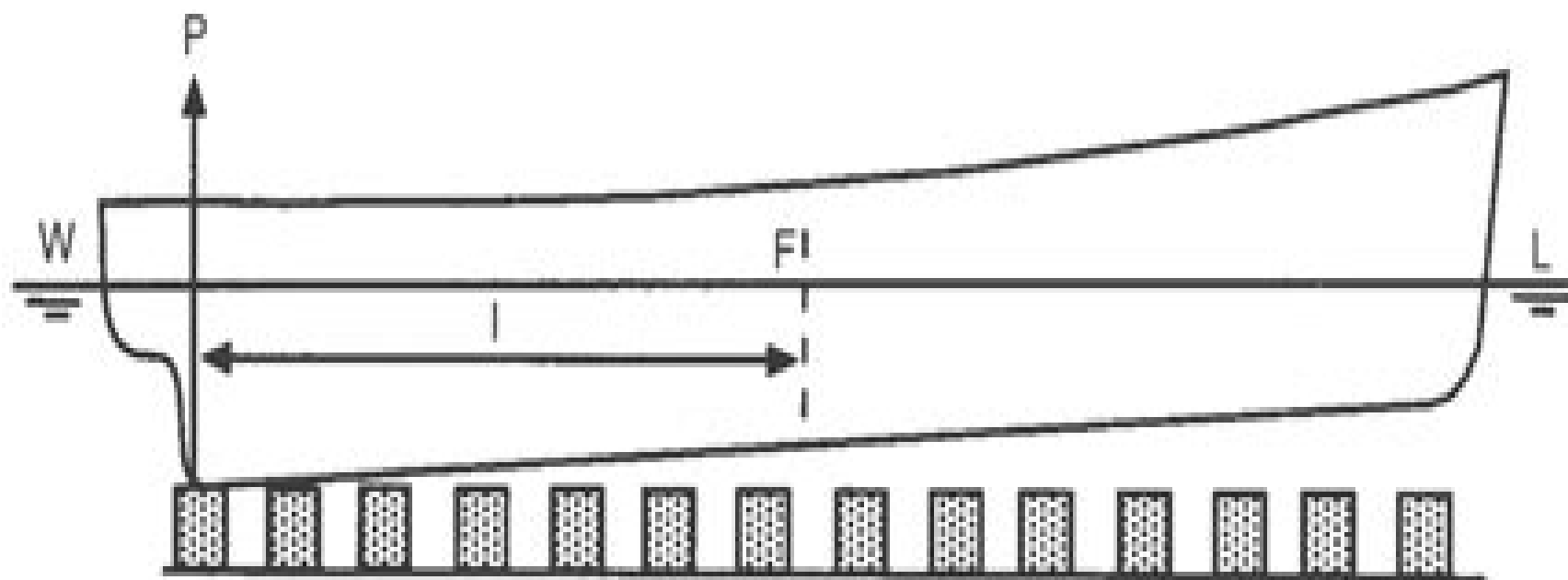


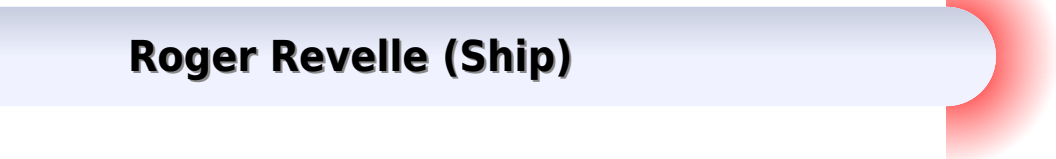


## Drydocking – Problem 2

Advanced Ship Stability

# Ship Stability 1 By Capt H Subramaniam

**Roger Revelle (Ship)**



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Bibliography of Nautical Books, 1996      *Ship Stability*, Three H. Subramaniam, 1986      **Catalogue of Books** Maharashtra (India). Office of the Examiner of Books and Publications, 1984      *Ship Stability for Masters and Mates* Bryan Barrass, Capt D R Derrett, 2012-11-27 *Ship Stability for Masters and Mates* explores all aspects of ship stability and ship strength squat and interaction and trim as well as materials stresses and forces Organized into 56 chapters the book looks at the relationship between ship stability and ship motion with emphasis on group weights in a ship It also explains how TPCs are calculated for a range of drafts extending beyond the light and loaded drafts along with form coefficients including the coefficient of fineness of the waterplane area The book explains how to perform KB BM and KM calculations and make graphics on metacentric diagrams It considers large angle stability the effect of beam and freeboard on stability and hydrostatic curves and values for vessels that are initially on even keel The reader is also introduced to free surface effects of slack tanks with divisional bulkheads how side winds affect ship stability and the correlation between freeboard and stability curves Other chapters focus on timber ship freeboard marks procedures and calculations for drydocking and stability and ship squat in open water and in confined channels The book also includes extracts from the 1998 Merchant Shipping Load Line Regulations Number MSN 1752 M This book is intended for students seeking to obtain Transport Certificates of Competency for Deck Officers and Engineering Officers and STCW equivalent International qualifications as well as Chief Mates and Officers on Watch Officers in Charge on board merchant ships and other maritime personnel port authorities marine consultants nautical study lecturers and marine superintendents Updated throughout to include new shipping industry developments and regulations with 9 new chapters the latest ship stability datasheets and sample exam questions Provides a comprehensive introduction to all aspects of ship stability and ship strength squat interaction and trim materials stresses and forces Concepts are supported with numerous worked examples clear diagrams graphs and equations to assist with understanding and application of this critical subject      **Deck Log Book of the R/V Roger Revelle** Roger Revelle (Ship), 2003-07      **Catalogue of Books Printed in the State of Maharashtra** Maharashtra (India), 1984      Ship Stability, II H. Subramaniam, 2007      *Ship Stability* H. Subramaniam, 2010      **Index to the Times of India, Bombay**, 1975-07      **Index to the Times of India**, 1975      Ship Stability H. Subramaniam, 1981      *Ship Stability at the Management Level* H. Subramaniam, 2011      Ship Stability at the Operational Level H. Subramaniam, 2010      **Ship Stability: Notes and Examples** Bryan Barrass, 2000-12-12 The Kemp and Young series provides a general introduction to a number of subject areas in a style that will be ideally suited for those wishing to learn more The concise presentation of the subject matter is made possible by the reduction of the work to its simplest terms This is achieved through the omission of unnecessary mathematics or mathematical concepts and the generous use of diagrams and illustrations Rapid reference to the substance of each topic can be made by use of the carefully constructed index The third edition of Ship Stability Notes and Examples

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**Ship Stability** John Frederick Kemp,1984      Buoyancy and Stability of Ships ,1969      **Ship Stability** Hans ten Katen,Koomen,Jakob Pinkster,2007      *The Principles of Ship Stability. The Application of the Theoretical Principles to the Practical Handling of Ships, Etc* L. G. Taylor,Francis H. Trim,1954

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