

# **Subsea Manifold & Its Application on**

**Oil & Gas Exploration**

**Third Edition**

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**J.Koto**

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# Preface



This book consists of nine chapters which introduce subsea manifold system and its application in oil and gas exploration fields such as Kuito, Gemini, Albacora, Marlim, Namorado, Roncador, Shell Mensa, BP Thunder Horse, Total Otter, Shell Alliance, Shell Bijupira and etc. The book explores overview subsea production system in chapter 1, subsea manifold in chapter 2, template in chapter 3, cluster manifold in chapter 4, manifold's components in chapter 5, design and analysis manifold in chapter 6, piling and foundation in chapter 7, installation of manifold in chapter 8 and manifolds around the world I chapter 9.

Many pictures and illustrations are enclosed in this book to assist the readers' understanding. It should be noted that some pictures and contents are borrowed from other companies' websites and brochures which are quoted and listed in the references. This book mainly is designed for basic education of subsea engineering purposes only not for traded.

2017 (Third Edition)

## Acknowledgements

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## Autobiographies



Jaswar Koto was born on October, 1970. He is a descendant of the Prophet Rasullullah S.A.W through Husein R.A. He is a President of Ocean and Aerospace Research Institute, Indonesia. Professor on offshore engineering and also President of International Society of Ocean, Mechanical & Aerospace for scientist and engineers.

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