



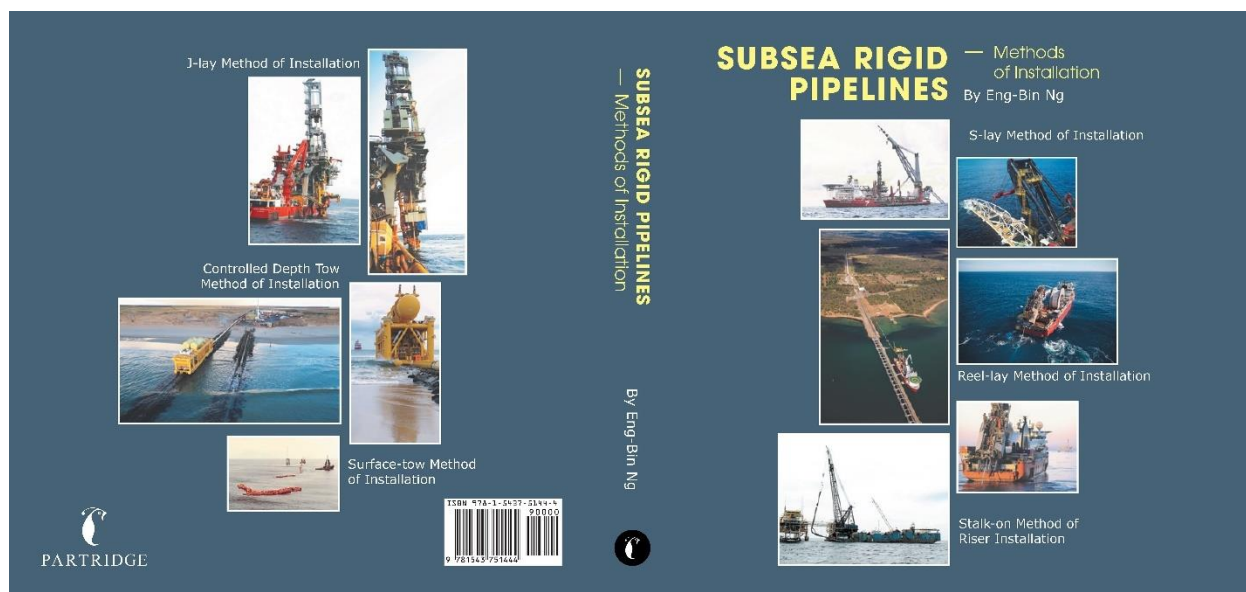
## BOOK PUBLICATION

I am proud to announce the release of a unique pipeline construction book entitled: *Subsea Rigid Pipelines – Methods of Installation* (see book cover below). The 476-page book is priced by publisher at: SGD50 for e-book; SGD155 for soft-cover book; and SGD175 for hard-cover book.



Book is available at Amazon.com or from Partridge Channel Sales Department at email: [channelsales@authorsolutions.com](mailto:channelsales@authorsolutions.com)

- ISBN 13 (Soft Cover) code: 9781543751444
- ISBN 13 (Hard Cover) code: 9781543751468
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I have over 4 decades of experience in marine/civil construction and engineering in the Oil and Gas Industry. During this period, I have worked for Consultants, Contractors and Operators, and has held design, field, project and managerial positions. After retiring from EMAS AMC (who is now owned by Subsea 7 and renamed Subsea 7 Middle East), I re-joined Intecsea Worley as a Technical Adviser cum Senior Project Manager. I also function as a Technical Expert in Oil & Gas Pipelines and providing Expert Witness services to the global engineering and construction industry.

I am taking the opportunity in my golden years to share my varied experiences with the younger generations and with anyone who is interested to learn from his experiences. This book is not only targeted at students and new-comers to the oil and gas industry who have little or no knowledge of pipeline construction, but also to other professionals who may need some knowledge in this field for their work, e.g. dispute resolution, arbitration, etc. Unlike other technical books on pipelines, it does not address the detailed design of pipelines, but instead provides an overview of construction methodologies for subsea pipelines. As such, I am providing a different perspective to 'students' of pipeline engineering, which is by providing a practical and illustrative approach to explain and illustrate how submarine pipelines can be installed by various methods. I have used examples from my past projects, where available, to highlight the various aspects of the work.

This book is about how rigid steel pipelines that lie beneath the sea can be installed. It provides an overview of various construction methodologies for subsea pipelines using an illustrative approach to

explain how subsea pipelines can be installed by various methods. This book is organised in such a manner that the readers first understand what Author deems as the traditional methods of pipeline installation, i.e. S-Lay, J-Lay and Reel-Lay, used by major pipeline contractors. Subsequently, the reader progresses to learn about other methods of pipeline installation without the using of a specialised pipelay vessel. Subsequent chapters then address other required activities to complete the offshore construction campaign. These include: shore approach installation, subsea tie-ins, riser installation, seabed interventions and pre-commissioning. Note that these are not in the chronological order of the construction phase. The book then continues to address the potential failure modes and the necessary consideration for installation. It then addresses the various methods to repair pipelines should a mishap occur during the pipeline installation or during operation. The final chapter addresses the types of pipe used for subsea pipelines, and how they are coated before being sent to the site/field for installation.

In summary, this book is structured in the following manner:

a) *Chapter 1 Introduction*

- ✓ Overview of Oil and Gas Field Development
- ✓ Overview of Pipeline Installation Techniques
- ✓ Typical Activities Carried Out on The Pipelay Vessel
- ✓ How This Book Is Organised

b) *Traditional methods of pipeline installation:*

Chapter 2 Installation by S-Lay Vessel

Chapter 3 Installation by J-Lay Vessel

Chapter 4 Installation by Reel-lay Vessel

c) *Less traditional methods of pipeline installation:*

Chapter 5 Installation by Bottom Pull Method

Chapter 6 Installation by Tow Methods

Chapter 7 Installation by Surface Tow (Rentis) Method

d) *Supplementary activities required for pipeline installation:*

Chapter 8 Shore Approach Installation

Chapter 9 Subsea Tie-in

Chapter 10 Riser Installation

Chapter 11 Pre-Commissioning of Pipelines

Chapter 12 Seabed Intervention

e) *Other considerations*

Chapter 13 Potential Failure Modes and Considerations for Installation

Chapter 14 Repair of Pipelines

f) *Supply of Line Pipes for Pipeline Installation:*

Chapter 15 Manufacture, Coating and Transportation of Line Pipe