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5.2. TYPICAL INSTALLATION VESSELS 5.3. VESSEL REQUIREMENTS AND SELECTION; 5.4. INSTALLATION POSITIONING; 5.5. INSTALLATION ANALYSIS; REFERENCES; Chapter 6 - Subsea Cost Estimation; 6.1. INTRODUCTION; 6.2. SUBSEA CAPITAL EXPENDITURES (CAPEX); 6.3. COST ESTIMATION METHODOLOGIES; 6.4. SUBSEA EQUIPMENT COSTS; 6.5. TESTING AND INSTALLATION COSTS; 6.6. PROJECT MANAGEMENT AND ENGINEERING COSTS; 6.7. SUBSEA OPERATION EXPENDITURES (OPEX); 6.8. LIFE CYCLE COST OF SUBSEA SYSTEM; 6.9. CASE STUDY: SUBSEA SYSTEM CAPEX ESTIMATION; REFERENCES; Chapter 7 - Subsea Control; 7.1. INTRODUCTION
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12.2. TYPICAL FLOW ASSURANCE PROCESS

Sommario/riassunto

Designing and building structures that will withstand the unique challenges that exist in Subsea operations is no easy task. As deepwater wells are drilled to greater depths, engineers are confronted with a new set problems such as water depth, weather conditions, ocean currents, equipment reliability, and well accessibility, to name just a few. A definitive reference for engineers designing, analyzing and instilling offshore structures, Subsea Structural Engineering Handbook provides an expert guide to the key processes, technologies and equipment that comprise contemporary offshore structure