

# The Jack-up Drilling Platform: Design and Operation



Jack-up drilling platforms are used for the exploration and operation of offshore oil and gas fields, as well as for the servicing of fixed structures. Originally designed for use in shallow waters, they are being used increasingly in deeper conditions. They also have the major advantage of being reusable, thus helping marginal field development. These structures contribute to a significant part of offshore engineering activity around the world, but until now information on jack-up drilling platforms has not been readily available in one source. In this timely book, information on the design, transport and operation of these platforms has been gathered together and presented by a team of international experts from Europe, Japan and the United States, making it informed reading for all those specializing in this aspect of structural engineering.

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**JACKUP EXAMPLE - LIST OF CONTENTS - DNV** SBI Offshore Limited has secured a US\$24 million contract to provide design and engineering services for a jack-up drilling rig that can operate **none** Jack-Up and Platform with in-depth experience in the design of drilling and production courses in the installation, operation and maintenance of offshore. **Evolution of the Design of a Jack-up Type Offshore Structure - SNAME** The Jack-up drilling platform : design and operation by L F Boswell The Jack-up drilling platform : design and operation. by L F Boswell. eBook : Document. **Jackups - - PetroWiki** Jack-up Response in the Elevated Mode of Operation 10. 2.3.1. Time Domain . land) location. The jack-up platform itself may be designed to serve any function such as, for example tender assist, accommodation, drilling or production. Thus **Stability and Operation of Jackups - Google Books Result** The premise of a jackup rig is that it is self-elevating here, the legs are stationed drillships become a more logical choice for exploration and development operations. The most popular design for drilling equipment is a cantilevered jackup. **Investigation of jack-up leg extension for deep water operations** Floater, jackup designed for mid-depth production operations Two low-cost production platform conc-epts have been unveiled by Marine It can optionally be equipped with full drilling facilities to complete, as well as drill, production wells. **Jack Up Rigs: Evolution of Design** Keywords: Offshore, rotary drilling, offshore drilling rig, jack-up, semisubmersible, drillship, offshore oil and gas production, platform, FPSO, subsea production .. the allowable operating parameters established for each jack-up rig

design. **The Jack-Up Drilling Platform: Design, Construction and Operation** Buy The Jack-up Drilling Platform: Design and Operation by BOSWELL (ISBN: 9780003832181) from Amazons Book Store. Free UK delivery on eligible orders. **New jackup rigs are more robust - Offshore** This paper describes a basic concept for a jack-up drill rig in deep water, using . ment of the legs may be required after the rig is in operation, particularly after a **Offshore Drilling and Production Equipment TRAINING How Do Jackups Work? Rigzone** Jack-up drilling platforms are used for the exploration, drilling and work-over near Whether a jack-up design involves three or four legs, there are two main **The Jack-up drilling platform : design and operation (Book, 1986** jack-up mobile drilling units are often used for drilling outside the ice season. The operating design so that the derrick could be skidded over it before drilling. The purpose of the had at least one drilling rig operating during 2010-2012 [7]. **Jack-Up and Platform Drilling and Completion Systems - Dril-Quip R-550D Jackup Drilling Rig.** High-capacity and fluid operations. Three mud Base design for closed loop or air cooling of all equipment. High-speed **Jackup designs evolve to operate in harsh conditions - Offshore** The jackup-type mobile offshore drilling unit (MODU) has become the premier bottom-founded drilling unit, displacing submersibles and most platform units. Although they originally were designed to operate in very shallow **What are Jack Up Drilling Rigs? - Marine Insight** The design supports the higher loads required for drilling operations . Jackup foundation site assessment criteria drive some new rig designs. **Jackup rig - Wikipedia** Get this from a library! The Jack-up drilling platform : design and operation. [L F Boswell] **Jack-up Primer Bennett Offshore** The KFELS B Class jackup rigs are able to operate in water depths of 400 This rigs leg structure is uniquely designed to provide enhanced robustness for Featuring a combined drilling load up to 2,700 kips, the KFELS Super B Class rig is **Images for The Jack-up Drilling Platform: Design and Operation** The jack-up drilling rig concept, Fig. 1, has example jack-up rigs with leg lengths of 160 m, hull masses of involved in jack-up design and operations. A sum-. **The Jack-up drilling platform: design and operation - Google Books** the Jack- Up Drilling Platforms - Design, Construction and Operation , London, Sept. 1991. Norwegian Petroleum Directorate (1 985). Regulation for Structural **Handbook of Offshore Oil and Gas Operations - Google Books Result** The Jack-up drilling platform: design and operation. Front Cover. L. F. Boswell. Gulf Pub. Co., 1986 - Science - 365 pages. **Background Information on Jackup Rigs, by Seahawk Drilling** Jackup rigs are mobile, self-elevating drilling platforms equipped with legs design, which requires drilling operations to take place through a slot in the hull. The Jack-Up Drilling Platform: Design, Construction and Operation [L. F. Boswell, C.A. DMello] on . \*FREE\* shipping on qualifying offers. **Stability of Jack-up - Urycheva\_ - bibsys brage** Design, Construction & Operation The current worldwide fleet of mobile offshore drilling units (MODUs) . that participate in the design of a jack-up rig. 7. d air. **R-550D Jackup Rig Design - Zentech Inc.** [Sedco Forexs Trident IX jack up rig drilling in a record water depth of 391 operations more straightforward than on rigs throughout the drilling operation. **The Jack-up Drilling Platform: Design and Operation:** Bennett Offshore Jack-up Primer. with a brief introduction to jack-up platforms and their design considerations. A typical modern drilling Jack Up is capable of working in harsh environments The focus of this primer is a simplified discussion of the various sensitivities of jack-ups while in the different modes of operation. **Floater, jackup designed for mid-depth production operations** Some jack-up drilling rigs are designed to have four platforms but the jack up drilling rigs to be a part of the oil drilling operation for over six **The Jack-up Drilling Platform: Design and Operation: L. F. Boswell** Jack-up drilling platforms are used for the exploration and operation of offshore oil and gas fields, as well as for the servicing of fixed structures. Originally **Formats and Editions of The Jack-up drilling platform : design and** In addition, jackup platforms have two types of elevating deviceswhen the hullthe most popular design for drilling equipment is a cantilevered jackup in