IMPROVED JACKUP OIL RIG AND SIMILAR PLATFORMS

Abstract

[0071] An improved jackup oil rig or similar structure that can operate in harsher environments is described. The improved oil rigs are able to operate in harsher environments with a worse sea state as it has a built-in capability of driving and extracting piles (600) without the need for dedicated pile drivers or extractors. Further, this oil rig is able to operate in icy waters as it has a novel, inventive and cost-effective ice breaking means (900,910). The rig makes use of its own jackup capability to perform these functions and can extend its productivity by being capable of operating in harsher environments for a longer period of time.

[0072] FIG. 5B accompanies the abstract.