ABSTRACT OF THE DISCLOSURE

Provided is an arctic drill ship an arctic drill ship which includes a weather tight structure protecting a drill floor from air, and a side strake supporting the weather tight structure around a drilling work area. It is possible to economically and easily manufacture the weather tight structure which minimizes the influence of outside air on the drilling operation in the polar regions, and it is possible to efficiently support the hull longitudinal strength and the weather tight structure with the use of the side strake structure solely. Therefore, a structure which may cause a disturbance in the drilling work area is minimized, and it is unnecessary to install a separate structural reinforcement member for a drilling workspace in the polar regions. In addition, the drilling workspace in the polar regions can be effectively ensured, and a spatial limitation in an upper portion of a moonpool can be solved.