WHAT IS CLAIMED IS:

1. An arctic drill ship, comprising:

a derrick is fixed to an upper portion of a drill floor;

a weather tight structure protecting ~~a~~ the drill floor from outside air; and

a side strake supporting the weather tight structure around a drilling work area,

wherein both sides of the drill floor extend up to a position corresponding to a width of a hull, so that a load of the derrick is applied to the side strake.

2. The arctic drill ship according to claim 1, wherein the side strake comprises an extension part extending upward from a hurricane deck around the drilling work area, and the weather tight structure is supported on the extension part.

3. The arctic drill ship according to claim 1 or 2, further comprising a reinforcement part having a grillage girder structure on the side strake.

~~4. The arctic drill ship according to claim 1, wherein both sides of the drill floor extend up to a position corresponding to a width of a hull.~~

~~5~~4. The arctic drill ship according to claim 1 or 2, wherein the weather tight structure comprises a blocking part enclosing ~~a~~ the derrick which protrudes upward.