WHAT IS CLAIMED IS:

1. An arctic drill ship, characterized in that,

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

a left wall and a right wall of a weather tight structure are coupled to form the same plane on a side strake around a drilling work area, and a front wall and a rear wall of the weather tight structure are coupled to a hurricane deck at the front and rear of the drilling work area, so as to protect the ~~a~~ drill floor and the ~~a~~ drilling work area from outside air;~~, and~~

a reinforcement part installed to reinforce a drilling load applied to the weather tight structure is coupled to the left wall, the right wall, the front wall, and the rear wall of the weather tight structure;

the reinforcement part forms a lower structure of the drill floor; and

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 reinforcement part of the weather tight structure has a grillage girder system.

~~3. The arctic drill ship according to claim 1 or 2, wherein the reinforcement part forms a lower structure of the drill floor.~~

~~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. The arctic drill ship according to claim 1, wherein bottoms of the left wall and the right wall are coupled to form the same plane on the side strake.~~