



Sectional view of Ship.

PLAN OF PROPOSED EXPEDITION.

Captain Bernier proposes to build a special vessel of a little over three hundred tons register. Her length will be one hundred and thirty-three feet over all, thirty-six foot beam, and eighteen feet depth of hold, to run under both steam and sail. She will have a perpendicular double stern post, with rudder outside, so that the rudder or propellor can be unshipped at any time. Captain Bernier's ship will also have a flush deck which will prevent the frequent flooding of the forward deck by water and slushy snow, thus preventing the overweighing of the vessel with an unnecessary load and the saving of no end of trouble to the crew. Other Arctic vessels suffered very much from such troubles and as the Captain has carefully examined them all, his ship will be free of all such defects. The Captain's ship will have three masts with a total sail area of seven thousand square feet or one thousand feet more than the "Fram" had. She will have a crew of fourteen. This will include both scientific men and sailors.

The ship will be built in Canada and will sail from Vancouver or Victoria, calling at Port Clarence to send last despatches and take in balance of stores. It is proposed to enter the Strait of Behring in July, and to push as far north as the state of ice will permit. A small balloon messenger will be sent every month with