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with a ship the draft and length of the Llanstephan Castle.

There is a good anchorage off Archangel with plenty of swinging room and good holding ground, but only wharfage for ships of about 1000 Tons. The Llanstephan Castle was berthed at Bakaritz, which is on the South side of the river about 5 miles beyond Archangel. There is wharfage here for about 6 vessels, the wharves being composed of wood, but with only $3\frac{1}{2}$ " wire strops for making fast to, which seemed rather inadequate. Luckily very little wind was experienced blowing off the wharf during the stay alongside. Depths were taken frequently the least depth being 24 feet alongside, with 27 feet elsewhere around the ship. Practically no rise or fall.

There are good machine shops capable of carrying out minor repairs, but there seem to be no facilities for repairs on a large scale.

Oil Fuel is obtainable, but has to be transported by barge from a considerable distance, and has to be ordered about 5 days beforehand.

Water for drinking purposes can also be obtained, but has to be brought alongside in a Tug, which has a capacity of 30 tons only, and the supply is therefore limited and costly. There is no water laid on to the wharves, but as the river water is fresh, I found it possible to distill in sufficient quantities to supplement my supply. Water which has not been boiled is not fit for consumption, but may be used for Boiler purposes.

As Archangel is essentially a Timber Port, there are no facilities for discharging General Cargo. Cargo is discharged on to the wharf, or into Barges with the ship's gear, that on the wharf being then transported either by motor lorry, or stacked by hand on the wharf. Labour is not too plentiful owing to the war, but when necessary, soldiers are employed.

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There is a floating Crane capable of handling weights up to 150 Tons, and a smaller crane for weights of about 25 Tons. This latter Crane, however, could not plumb the Llanstephan Castle's Hatches. The Port Authorities appeared to be willing to assist in every way, but it was extremely difficult to ascertain exactly who was in authority. Punctuality is practically non-existent, and time seems to mean absolutely nothing to the average Russian.

A limited supply of Vegetables are the only stores procurable at the present time.

On enquiry I found that the Llanstephan Castle was the largest vessel to enter the Port of Archangel, and it is my opinion that she is too large for this River, and that it is inadvisable to send a vessel of her size to this Port. All river traffic has to be stopped during her passage between Archangel and the sea, and ships in the anchorages in the river below Archangel can only be passed when swung to the stream. Should the wind be at all strong it would be extremely difficult to pass up or down the river.