

June 1. 1884 - at sea making passage from Ipernavik to Cape York. Weather overcast. Squally and snowing. Light airs and fresh breezes from S.W. At 3.00 A.M. "Arctic" broke from her moorings and collided with "Bear" by raising her lines off the "Bear" drifted down on us making it necessary to var our lines until stem on ice "Arctic" left harbor. "Bear" by straining ahead cleared us. Hauled ahead and made fast. Shifted ice anchor twice as the ice was breaking up fast. Hauled in moorings and stood outside making fast to ice floe (Lat $73^{\circ}00'N$ Long $56^{\circ}12'W$) "Bear" following later At 10.50 A.M. got under way and followed the whalues "Tumie" "Polycna" "Nova Zembla" and "Arctic" to N.E. Bar. 29.73 Therm. 37° (at noon) Discharged the native pilot: "Olo" he returning in his kayak. At 1.50 P.M. passed just to E. of Barry Id. Ice rotten. At 2.40 P.M. reached floe and made fast. All the whalues except "Arctic" doing the same. the latter stood over to W. and made fast to large berg. Sighted 5 whalues laying close under the land. At 2.40 P.M. the "Bear" asked permission to try leads for inshore water. Permission was granted. Both ships cast off moorings and stood inshore. the "Bear" leading. At 3.30 P.M. while straining along at about $8\frac{1}{2}K$ the "Bear" struck an unknown rock at 12 feet below water, off "Tessutak" and shroul for about 200 yds. to S. and W. For the part out of water west point of "Horse's Head" bore N $54^{\circ}E$ Barry Id N $54^{\circ}W$. Small Id S. $10^{\circ}W$. distant 3 M Our helm was put to Port engines stopped and backed and then put ahead into the pack. while boats were sent with heaving lines to our steel hawser over to the "Bear" Capt Envy reported he was making no water and did not think the vessel much hurt. As we strained ahead the "Bear" backed off. Both vessels then strained to E. again carefully avoiding the shoal. at 5.30 P.M. moved

with 3 ice anchors to floe near the shore. The whalues "Aurora" "Cornwallis" and "Wolf" moved to windward of us. The "Narwhal" out in the pack At 6 P.M. the "Bear" came in and moved towards

June 2. 1884 Making passage from Ipernavik to Cape York Greenland. Moved about 10 M S.S.W (true) of Tessutak. Overcast thick with heavy snow. Wind fresh in squalls from S.W. Bar. 29.79. Therm. 33° . Lat. $73^{\circ}17'N$. Inspected dry gun cotton.

June 3. 1884. At anchor and making passage through ice. Cloudy and cold but pleasant. Sun occasionally visible. Wind "Sly". Sent a boat at 7.30 A.M. to communicate with 5 sleds of natives that were seen about a mile to windward on the ice. at 9.15 A.M. the boat returned and reported that the natives were from "Tessutak" on a fishing and hunting trip. Signaled to "Bear" "I am going to get underway at 9.00" "Bear" signalled "Am ready to follow" "Narwhal" she has got my boat answered "all right get under way" Cast off moorings and backed out at 10 A.M. Signaled the "Bear" "Follow me slowly" Stood up through the Id to reach open water near "Horse's Head" Commander coming ship from "Grove's Nest" Therm 33° Bar 30.05. at 1.20 P.M. stopped ship and sent boat on shore to examine cairn on hill top reported to be a beaver. nothing in it. Got a cast of lead in 23 fathoms of water grey sand and broken shells. At 2.05 P.M. started ahead and at 2.15 P.M. anchored to ice floe "Bear" close alongside. Three sleds of natives