

Report on Hydrographic Surveys at Surtsey 1967

by

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By an agreement between the Icelandic Hydrographer and the Commanding Officer of H.M. Surveying Ship HECLA, Captain G.P.D. Hall, R.N. D.S.C., one survey boat and crew were detached from HECLA to carry out hydrographic surveys around Surtsey from the 12th to the 25th of July 1967, while HECLA was carrying out oceanographic surveys south of Iceland.

Sub-lieutenant B.E.T. Humphrey, R.N., was in charge of the survey party from HECLA. Accommodation for the survey party were arranged in the Westman Islands and costs involved were born by the Icelandic Hydrographic Service.

Scale and extent of survey was specified by the Icelandic Hydrographic Service while the execution of the work was wholly the responsibility of the officer in charge, - using conventional British hydrographic techniques.

The survey work was carried out in close cooperation with the Icelandic Coast Guard vessel THOR, which was at the same time engaged in hydrographic work west of the Westman Island.

Some preliminary work had been carried out by the Icelandic Hydrographic Service, i.e. location of survey marks on Surtsey and installment of a tide gauge in Heimaey harbour.

Scale of survey was 1:10000. Soundings in fathoms and feet reduced to mean low water springs.

Area covered was approximately 6 square nautical miles or a belt of ca 1 nautical mile in width around the island from close inshore out to a depth of about 70 fathoms.

CELLAR - SURVEYING CHART
1:50,000
SURTSEY

SURTSEY

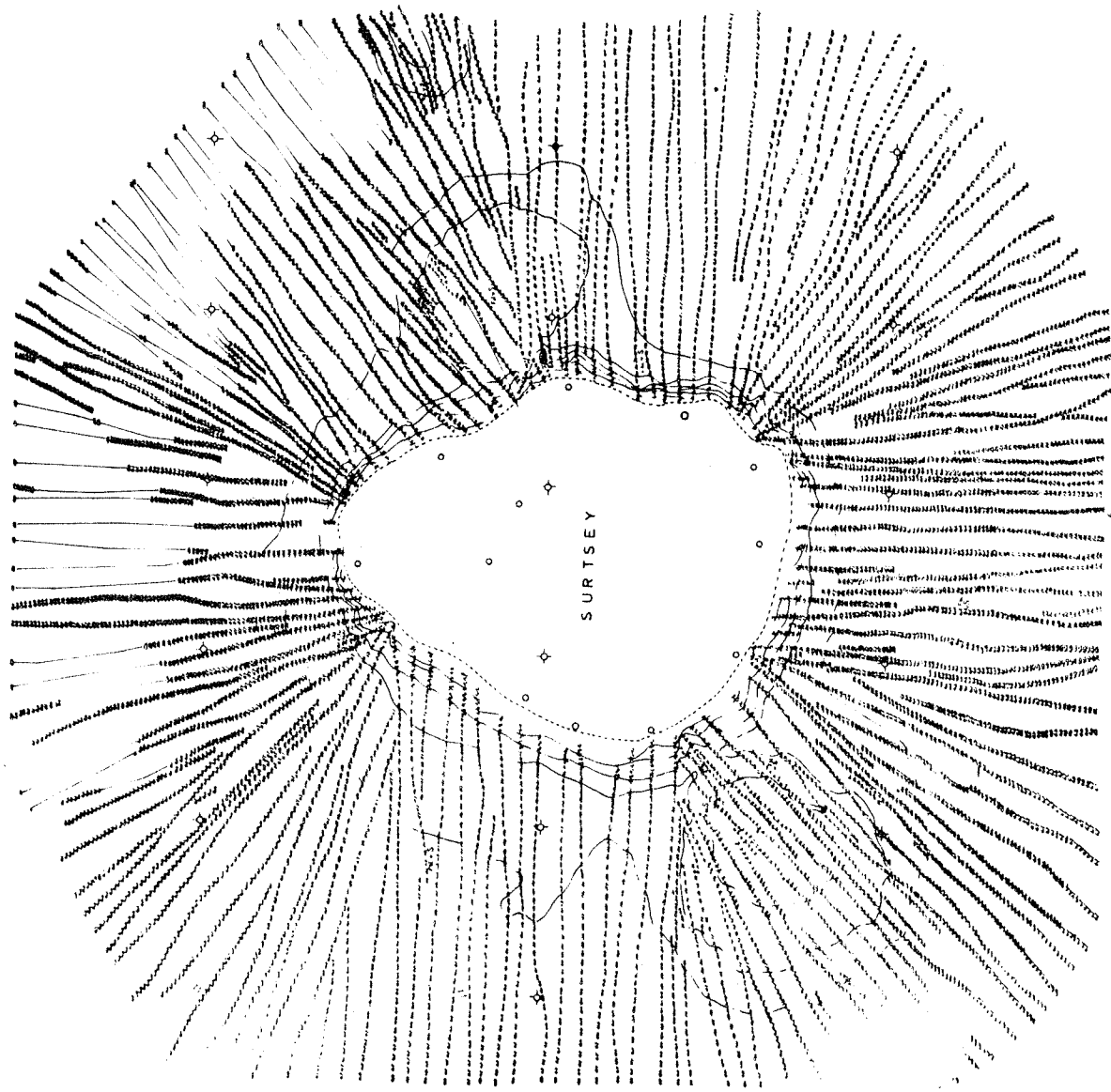
SURVEYED BY SUB-LIEUTENANT(S) B. E. HUMPHREY, ROYAL NAVY
UNDER THE DIRECTION OF CAPTAIN G. P. MALL, D.S.C. R.C.M.

N.M. SURVEYING SHIP "HECLA"

17 JULY 1925 (17 JULY 1907)

(UNCORRECTED FOR TIDES)

(NATURALE SCALE 1:50,000)



Submitted

B. Humphrey

Sub-Lieutenant (R.N.) Royal Navy

Approved

G. P. Mall

Captain Royal Navy
in Charge of Survey

Scale of 1000 feet