

Attachment I. (maps)

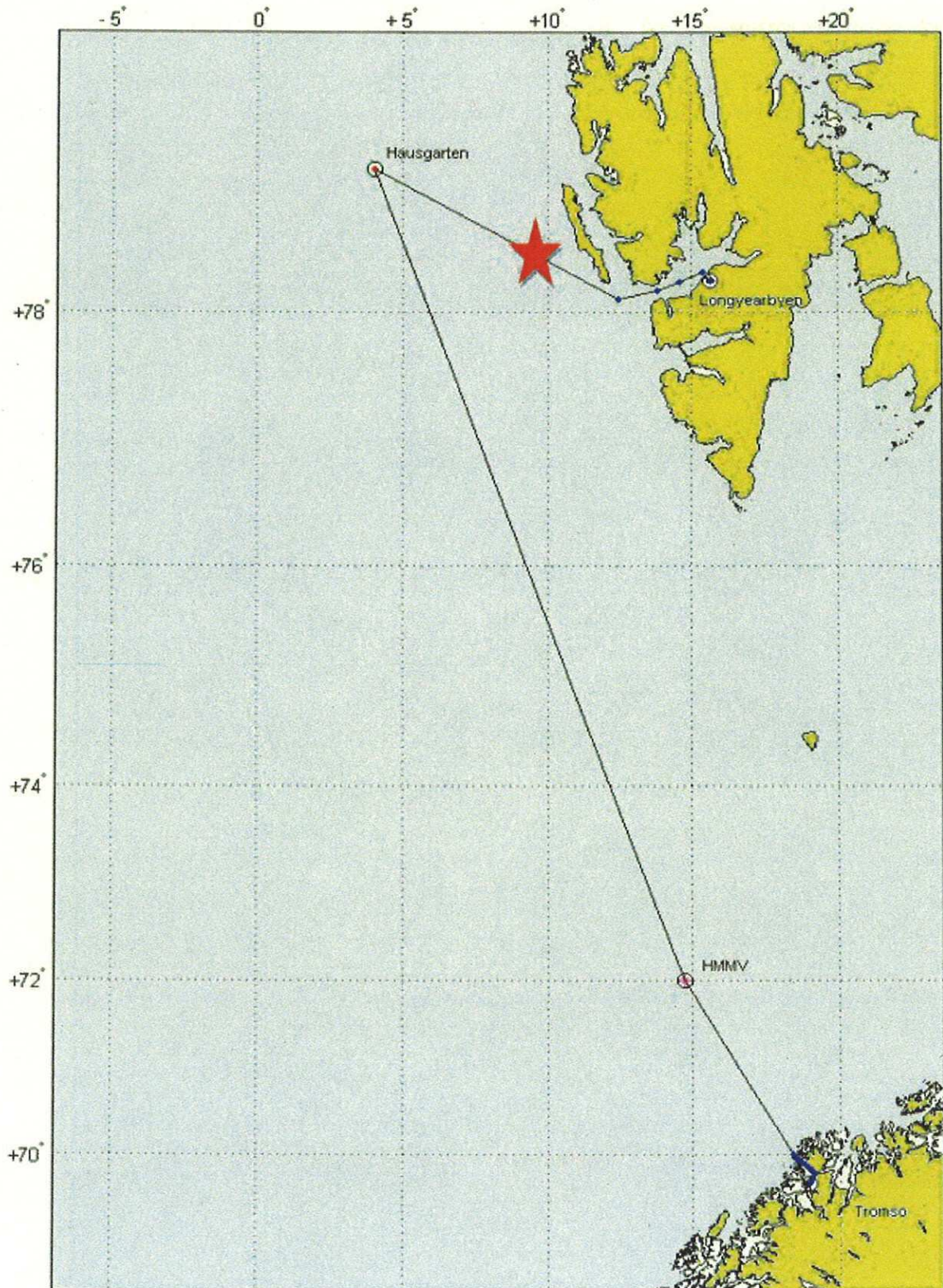


Fig. 1: Map of the area of investigation and the general course of "Polarstern" from Longyearbyen to Tromsø. The red asterisks indicates a site (app. 78° 35.20' N; 009° 23.00' E) where methane seepage takes place. Here we plan to have a first test dive with the ROV "KIEL 6000" at about 400 m water depth to get visual information about number and intensity of gas seeps. After work at the HAUSGARTEN observatory (see Fig. 2 for a more detailed illustration of the sampling sites) we will have a brief stop-over at the Hakon Mosby Mud Volcano (HMMV) on the way to Tromsø in order to take multi corer samples (sediments).