



**5.**

**5a. Type of samples required:**

Water and upper sea floor sediments

**5b. Methods by which samples will be obtained (including dredge/core/drill techniques):**

CTD rosette with near bottom sampler and multi corer

**6. Details of moored equipment:**

N/A

**7. Explosives:**

N/A

**8. Detail and reference of:**

**a. Any relevant previous/future cruises:**

Cruise 64PE 319 aboard RV Pelagia in April/May 2010

**b. Any previous published research data relating to the proposed cruise:**

**(Attach separate sheet if necessary)**

Nielsdóttir, M.C., Moore, C.M., Sanders, R., Hinz, D.J. and Achterberg, E.P., 2009. Iron limitation of the postbloom phytoplankton communities in the Iceland Basin. *Global Biogeochemical Cycles*, 23(3): n/a-n/a.

Rijkenberg, M.J.A., Middag, R., Laan, P., Gerringa, L.J.A., van Aken, H.M., Schoemann, V., de Jong, J.T.M. and de Baar, H.J.W., 2014. The Distribution of Dissolved Iron in the West Atlantic Ocean. *Plos One*, 9(6).

Ryan-Keogh, T.J., Macey, A.I., Nielsdóttir, M.C., Lucas, M.I., Steigenberger, S.S., Stinchcombe, M.C., Achterberg, E.P., Bibby, T.S. and Moore, C.M., 2013. Spatial and temporal development of phytoplankton iron stress in relation to bloom dynamics in the high-latitude North Atlantic Ocean. *Limnology and Oceanography*, 58(2): 533-545