The authors thank the editor and the referees for their contribution.

The suggested corrections are now included in the manuscript.

In particular, the following sentence is added:
L500 -> “Assuming a lifetime of 5-6 h, the increase in NO2 column density due to the ship emissions given by STEAM (7*10^5 g/month/grid pixel) would be about 1-2*10^14 molec./cm2, which is of the same order of magnitude as the NO2 column enhancement (about 4*10^14 molec./cm2) with respect to the background (1.5*10^15 molec./cm2) observed by OMI in the center of the Baltic Sea.”