

MSc in Maritime Management

MASTER THESIS – INDICATION OF INTEREST

Please fill in the form below and submit it on Fronter before September 10st 2013 for the May 15th 2014 deadline

Student name
LOC MINH LE
Main fields of interest
Human factor in Maritime sector
Possible title(s)
VTS-Ship Communication
If possible – describe the research problem (e.g. justification for research/preliminary research questions/hypotheses)
<p>This research will focus on finding factors that affect communication efficiency between vessel traffic service operators (VTSOs) and Ship masters/captain.</p> <p>From the literature point of view, there were many studies in vessel traffic services (VTS) domain that relating to various technical approaches such as monitoring, tracking vessels. However, few research mentioned communication between VTSOs and Ship operators. (Brodje, Lundh, Jenvald, & Dahlman, 2012).</p> <p>Method: the study will use trust model that was built by Bonini (2005) in his PhD thesis about air traffic controllers (ATCOs). The model was based on three components called “self”, “belief” and “control” which were formed based on various quantitative, qualitative methods such as questionnaires, structured-interview, focus group (Bonini, 2005). One of utmost reasons for choosing this model is because both VTS and ATC are similar concept in term of a complex socio-technical system.</p> <p>Data could be collected through a questionnaire-based survey with ship masters/captain and VTSOs in Norwegian VTS centers (population) to see which factors they view as importance in communication in VTS operation based on triple-components of trust model.</p>
Have you discussed topic with HiVe staff or other persons working in the industry? If yes – with whom?
Kjell Ivar Øvergård / Marius Imset