Questions:

Dock constriants (10) -(13).

Do they look ok to you? I am pretty sure 13 is redundant and covered by 12 but lets discuss them in general if they are ok or if I should change them in any way.

I and j seperate in N and also Edge.

Make hi + 1 – hj <= ok

in 11 make i,j in E and j not NfD i NfD

think about 11 case xij not 1

18 is redundant..

Write rather Tpii Tij and Wj instead of M

If I can go for C\*x rather than C\*d

Make some

speed optimization. Inge Norstad, for

Reducing fuel emissions by optimizing speed on shipping routes also from Inge Norstad

Time windows (14)-(18)

Based on the ant colonization paper, and adapted to my model. Should work. I dont see anything to change here but maybe you have some input?

Cost matrix (19)-(21)

Not finished (WIP). Still working on this atm. Trying to integrate the load somehow but not sure how yet.. Might be further on the topic by tomorrow afternoon, if not we can take the questions here next time. Goal is anyways to have it finished by next week so I can get going on the AMPL and introduction..