Meeting 07-04-2021

**Summery by:**

Name

**Time and place:**

date – Zoom

**Participants:**

Daniel Tøttrup

Stinus Lykke Skovgaard

Jonas Le Fevre

Rui Pimentel de Figueiredo

**Agenda:**

* Weekly meeting
* We have implemented deepSORT and mask-RCNN so they work together
* We have made datasets (videos) from to illustrate scenario 1 (where drone and vessel stands still and only tug boats moves)
* Are our dataset good enough or should we use more time on creating a more real world like environment?
* An idea to what we can use the segmentation masks of each detection could be to estimate a possible impact/crash between two objects.

**Summery:**

* Another way to delete duplicate bounding boxes is to look at the motion a of the objects.
* Look at semantic surroundings if collusion danger is
* We should exploit the semantic segmentation
* Magnitude and velocity
* Estimate