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# STATUS REPORT

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# OVERVIEW

- 2 directions: (1) ZDC ML (2) ZDC Simulation
- This month I have tried to work on both, but so far only have progress on (1)
- Need some help on the installation of (2), but no hurry

# ZDC ML

## Current status

- Understanding the package structure, including the CNN layers in `gen_trainer.py`
- Running the code on twgird with default setting, so far working good but looks like it would take a while to finish, as I didn't adjust the parameters to minimise the number of epochs and sample size

## Next

- Make a workflow figure of the network for future presentations (to explain the concept)
- Need to understand the input data, and where do we apply the loss function
- Discuss with the team to see how can we improve the model
- Another trial run with adjusted parameters