## \_mag\_t, mic\_nav\_state\_t > MicObservable < MicMagCompensator > - \_time\_sync tolerance data remain time # observers data storage # mtx + MicDataStorer() + MicObservable() + ~MicDataStorer() + ~MicObservable() + add data() + notify() + get\_data\_range() + subscrible() + get data size() + unsubscrible() + get data() get data impl() - get\_data\_impl() # mag truth storer #\_mag\_measure\_storer MicMagCompensator # \_curr\_time\_stamp # state # version + MicMagCompensator() + ~MicMagCompensator() + get data storer() + get curr time() + add data() + add data truth() + calibrate() + compenste() + load\_model() + save model() # do calibrate() # do compenste() # serialize() # deserialize() MicCabinMagCompensator # \_mag\_ellipsoid\_ptr # D tilde inv # o hat # R opt + MicCabinMagCompensator() + ~MicCabinMagCompensator() # do calibrate() # do compenste() # serialize() # deserialize() # ceres optimize()

MicDataStorer < mic