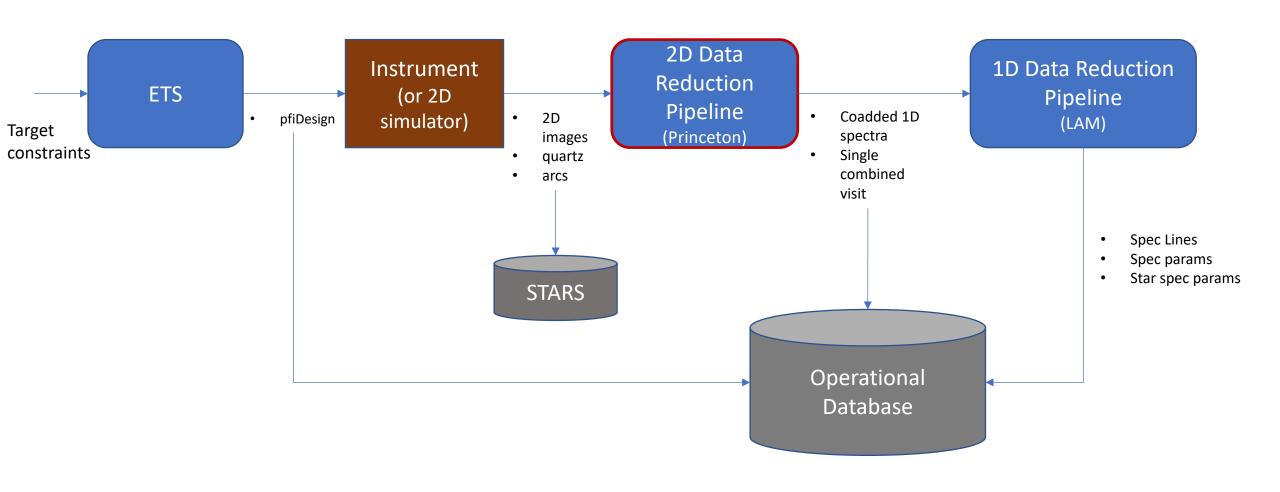
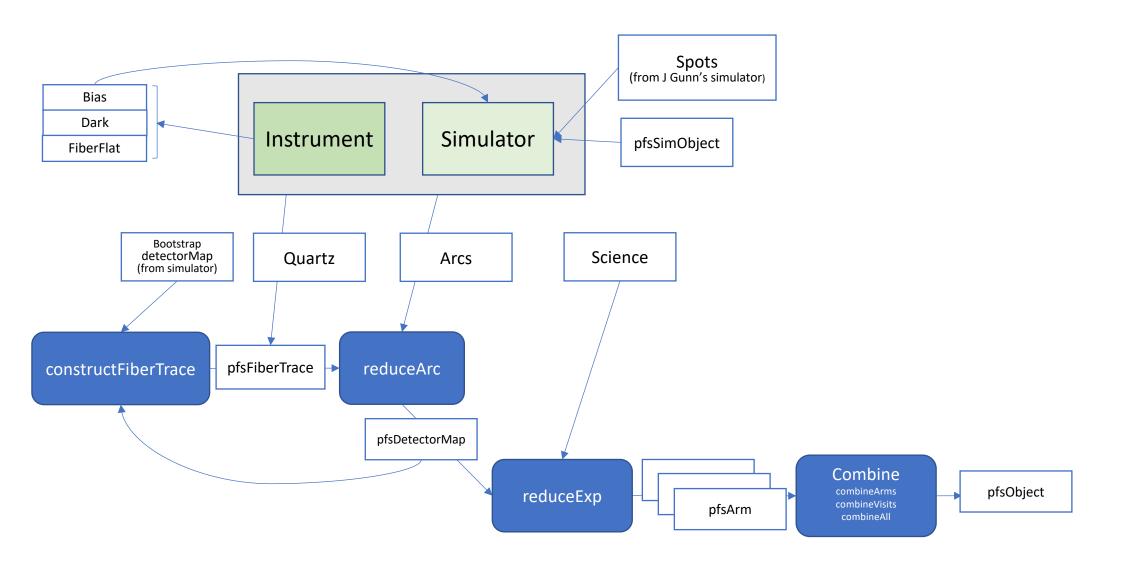
# 2D DRP Pipeline Plan

Hassan Siddiqui, Paul Price, Robert Lupton, Craig Loomis
Princeton University

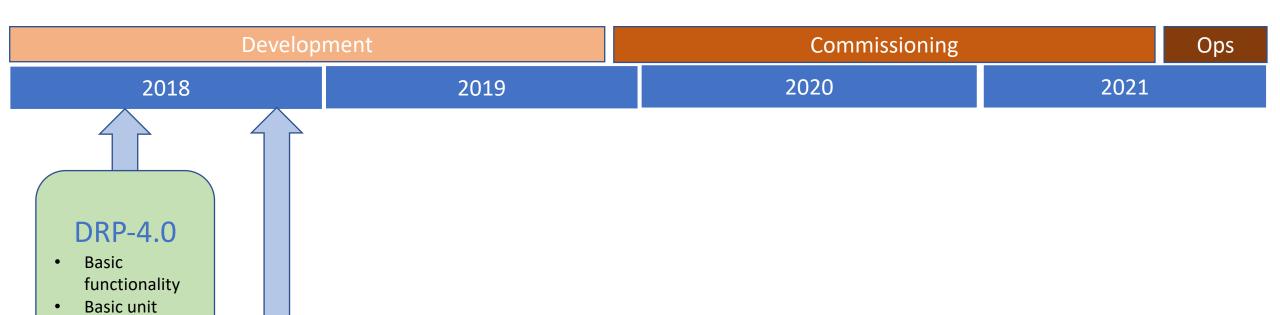
## Data reduction schematic





#### **DRP-4.0**

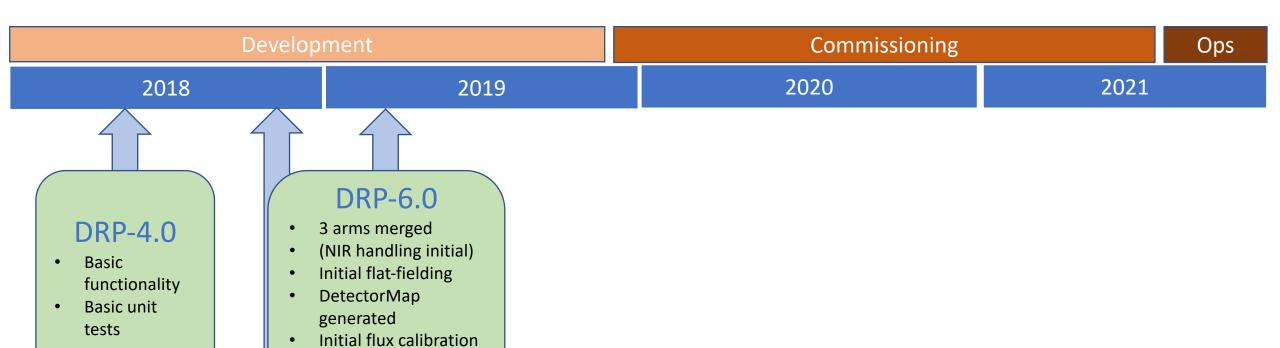
- Basic functionality
- Basic unit tests



#### **DRP-5.0**

- End to end demonstration (2D SIM + 2D DRP)
- Output checked against ETC

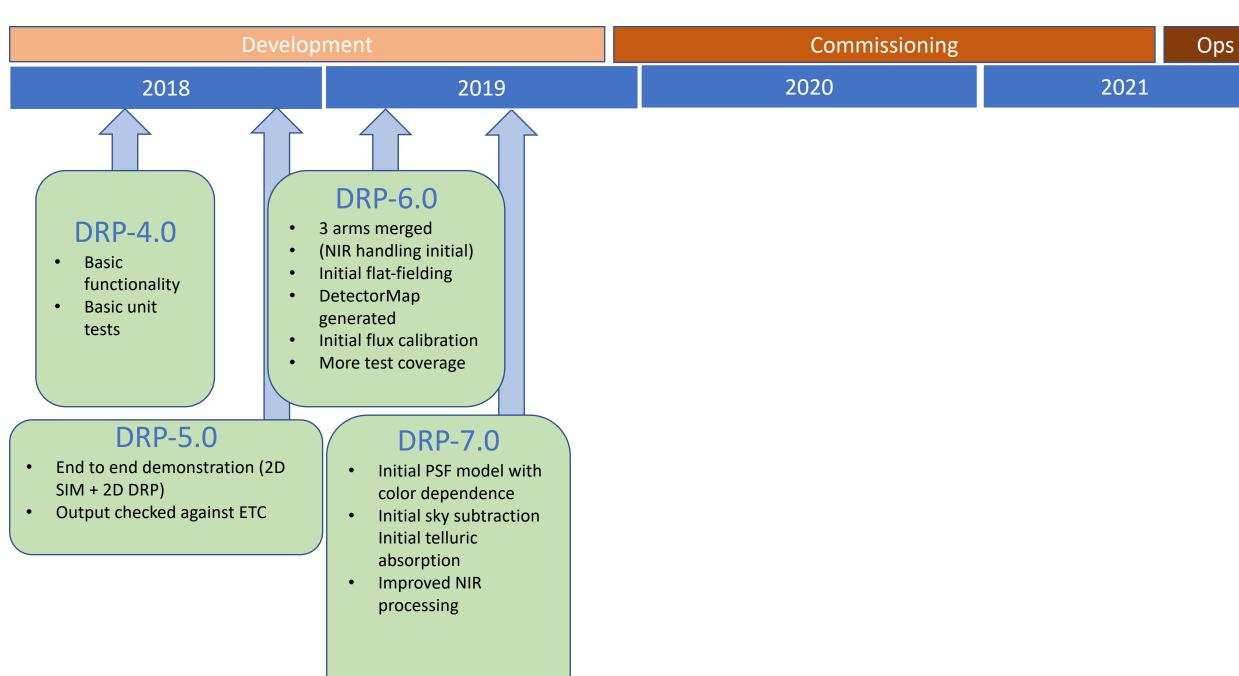
tests

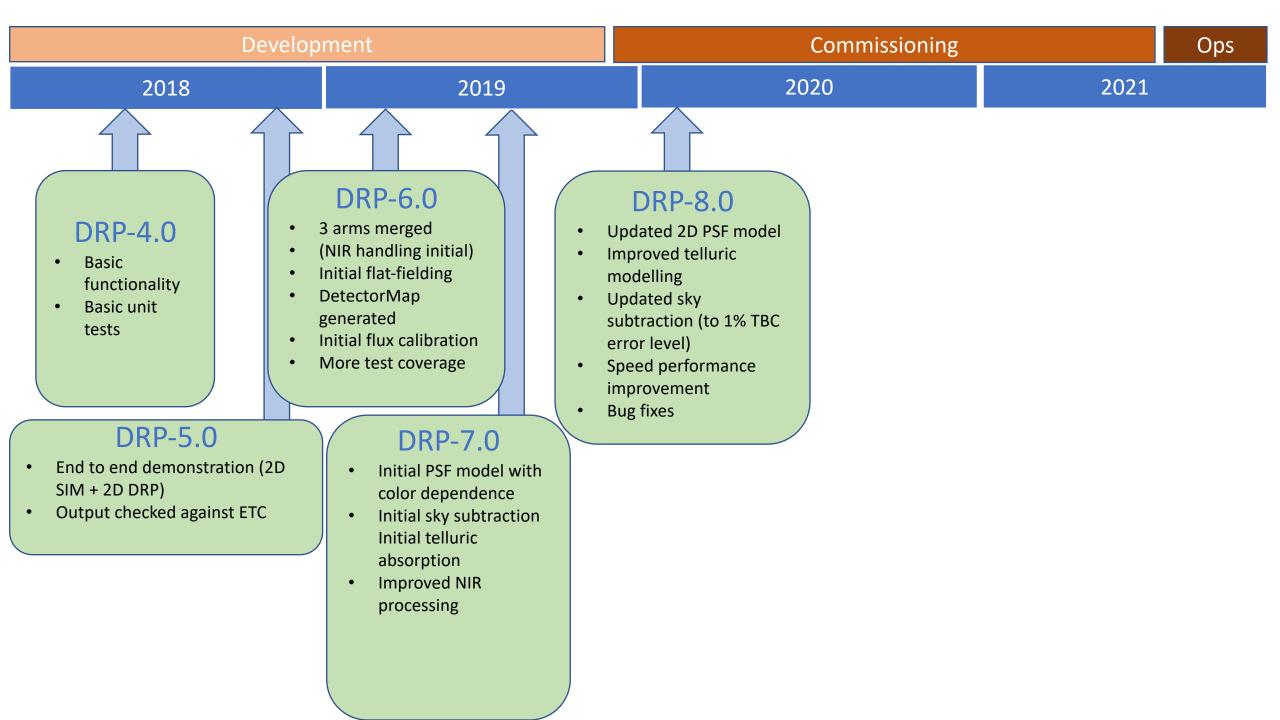


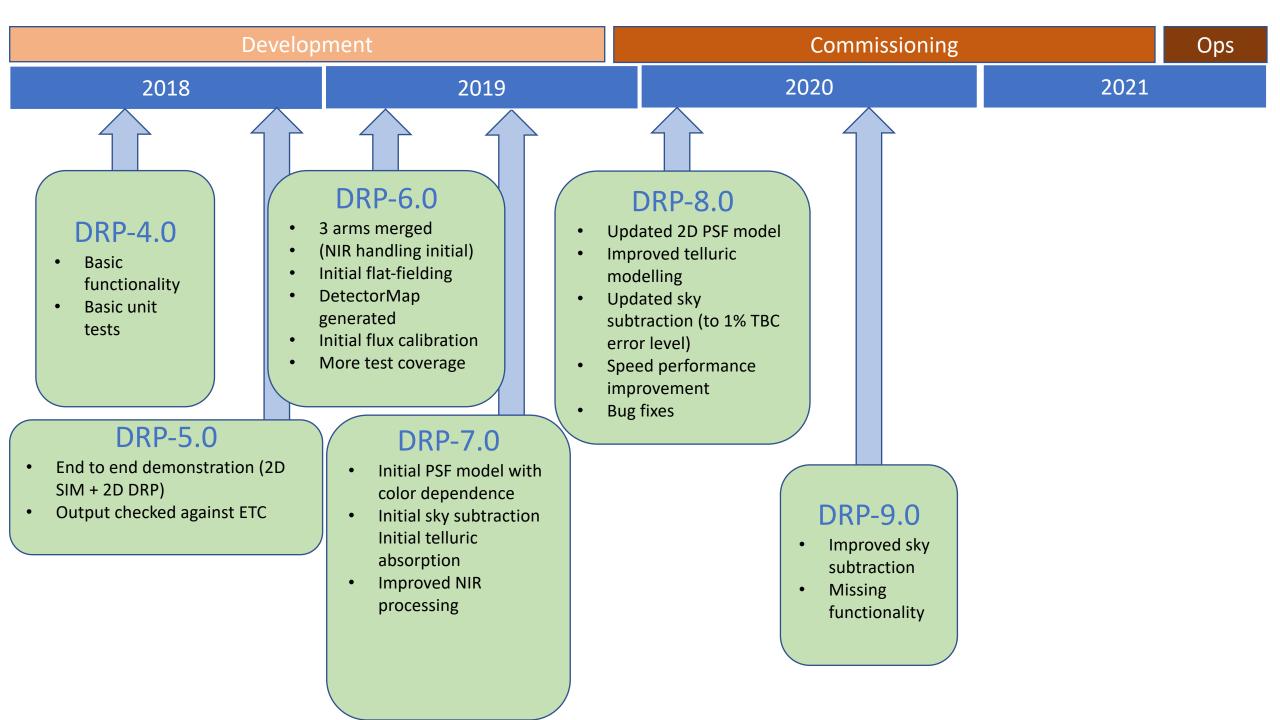
#### **DRP-5.0**

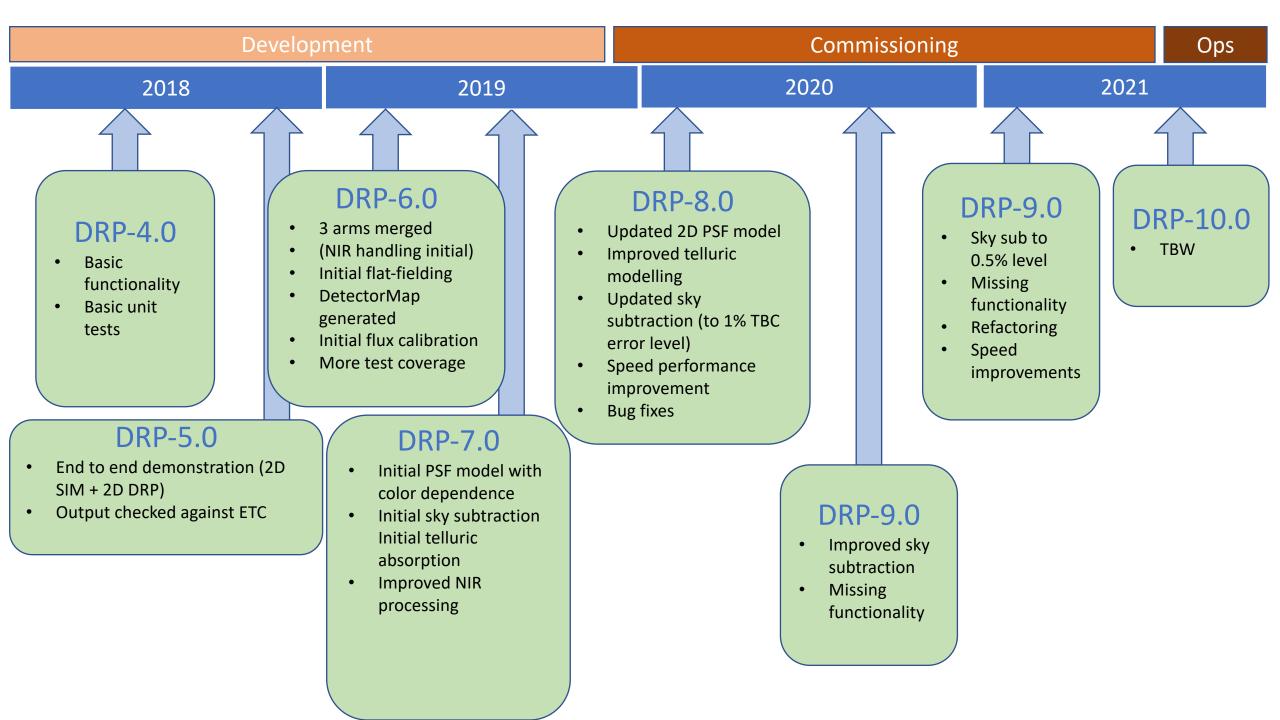
More test coverage

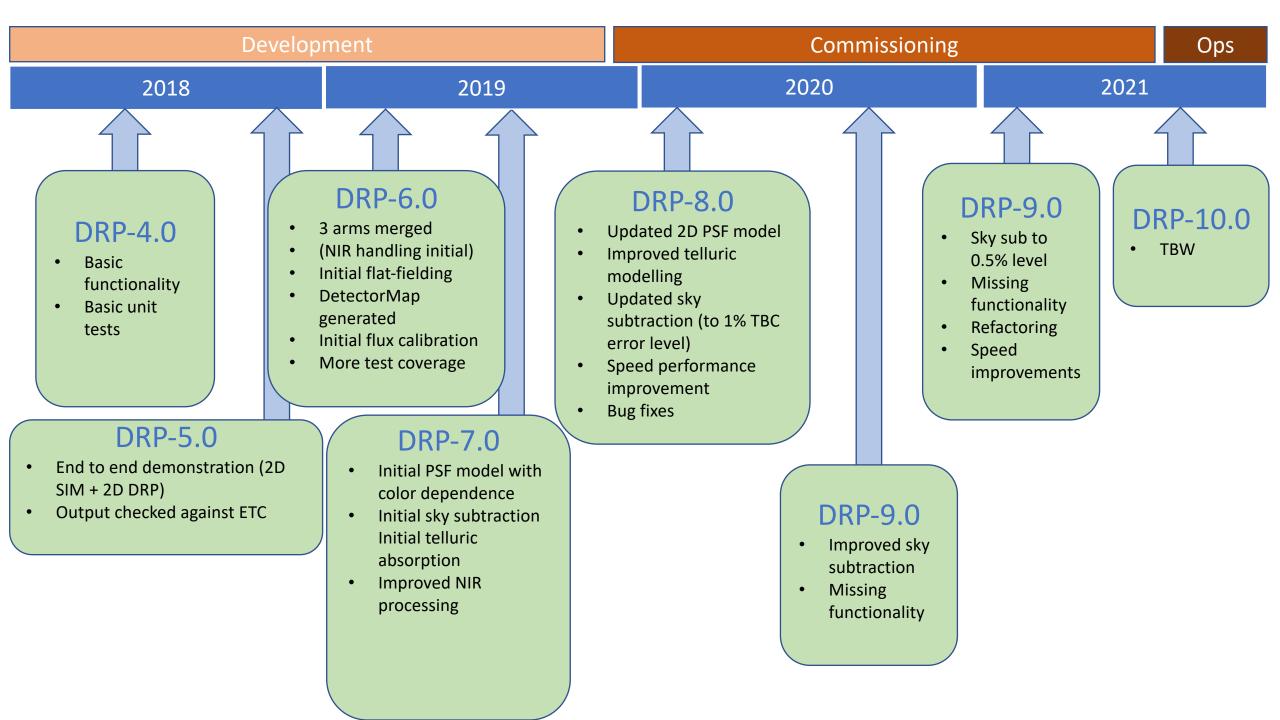
- End to end demonstration (2D SIM + 2D DRP)
- Output checked against ETC











### Personnel

- Paul Price (infrastructure, flux calibration and algorithms)
- Neven Caplar (2D PSF modelling)
  - Limited availability Feb-Mar 2019
- Keigo Nakamura (2D sky subtraction)
  - New developer needs time to familiarize himself (ready ~Mar 2019)
- Sogo Mineo, Naoki Yasuda and Masayuki Tanaka (1D sky subtraction and flux calib)
- Craig Loomis (general) [20% FTE]
- Robert Lupton (general) [10%]
- Hassan Siddiqui (algorithms) [20%]