

# Architecture Status

KIAN-TAT LIM, DM SOFTWARE ARCHITECT



*Large Synoptic Survey Telescope*



# Accomplishments



## Documents

### Requirements

- SRD (LPM-17), LSR (LSE-29), OSS (LSE-30), DMSR (LSE-61), ICDs (LSE-70, LSE-209, LSE-131)
- "Level 2" (LDM-562), Science Platform (LDM-554), Database (LDM-555), Middleware (LDM-556)

### Designs

- Summit/Base ITC Design (LSE-309)
- DM System Design (LDM-148)
- Middleware Design (LDM-152), Science Platform Design (LDM-542)
- Chilean DAC (LDM-572), Alert Distribution, Database Design (LDM-135)
- EFD handling (DMTN-050)



# Accomplishments



## Other

### Working Groups

- SuperTask, Butler

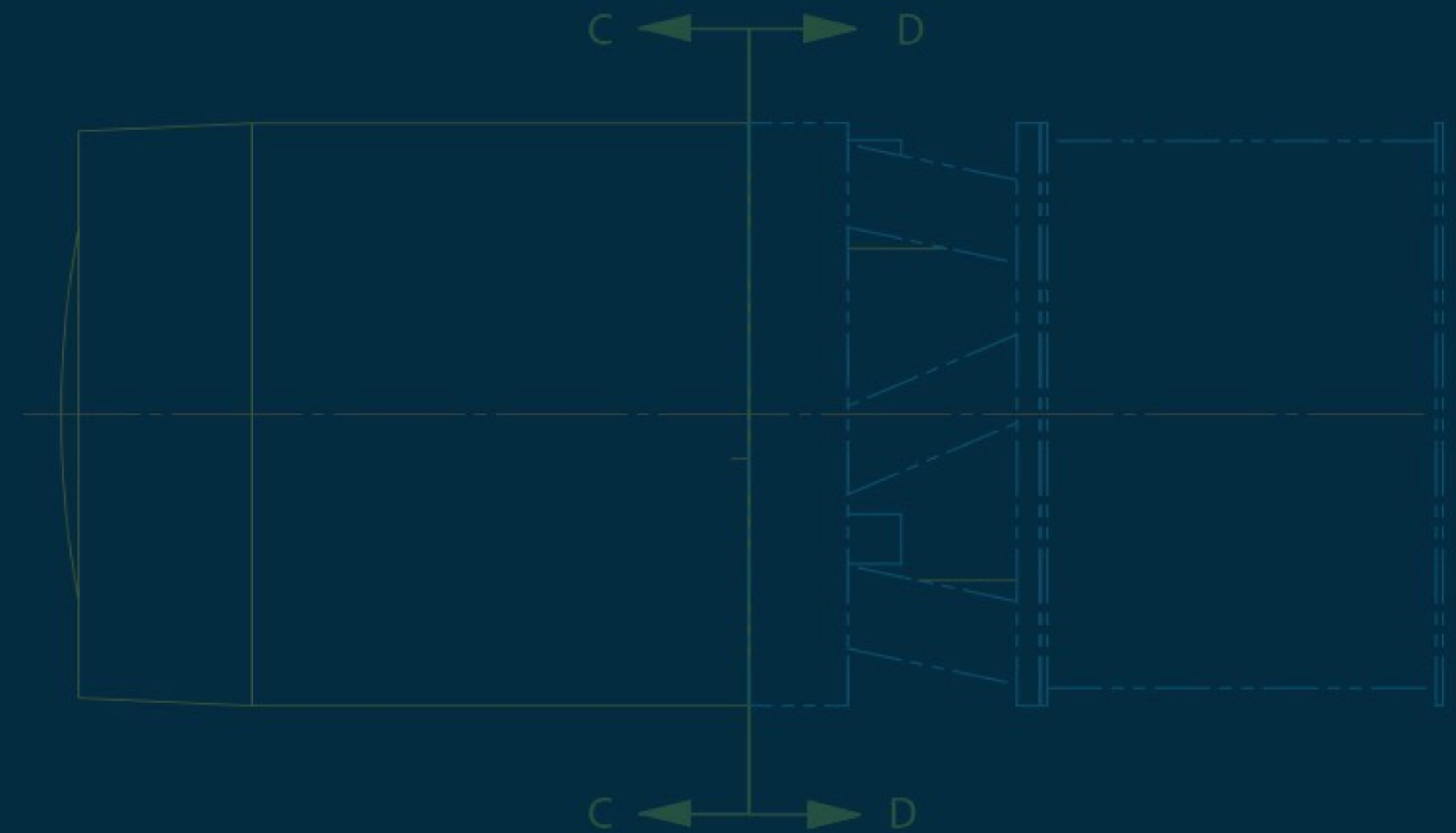
### Coding

- Python 3, pytest

### Early Integration

- DAQ installation and integration
- Visit commanding integration
- Header Service definition and integration

### Hiring: Release Manager



# Plans



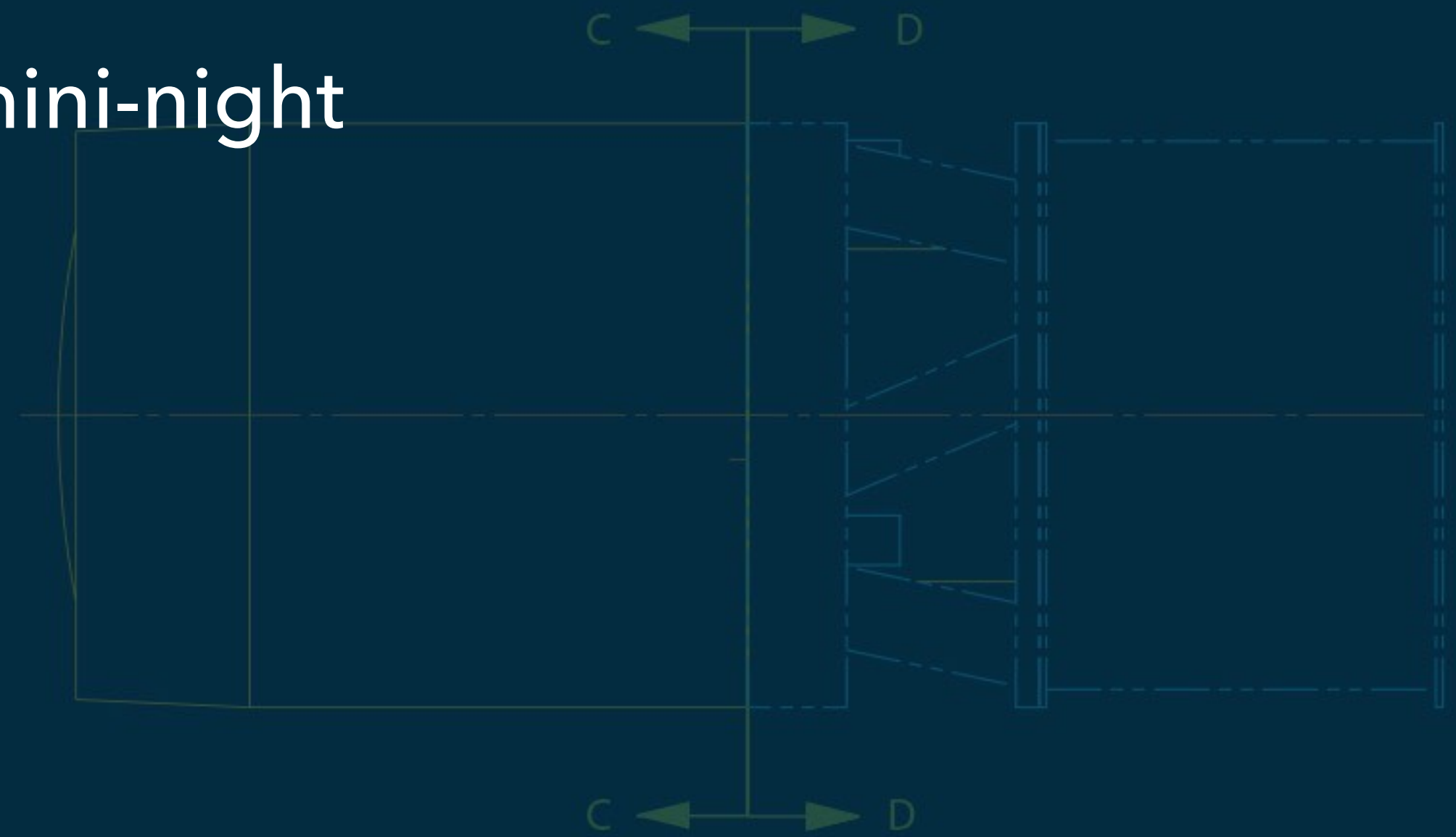
## Continuing

### Requirements and Design and Test Plans

- Everywhere

## Early Integration

- Header Service, image acquisition, AuxTel, mini-night



# Plans



## New

### Tool Building

- Test/requirement integration, build/package/distribution system

### Investigation

- HDF5, Cloud, Database back-ends

Hiring: Software Systems Engineer

