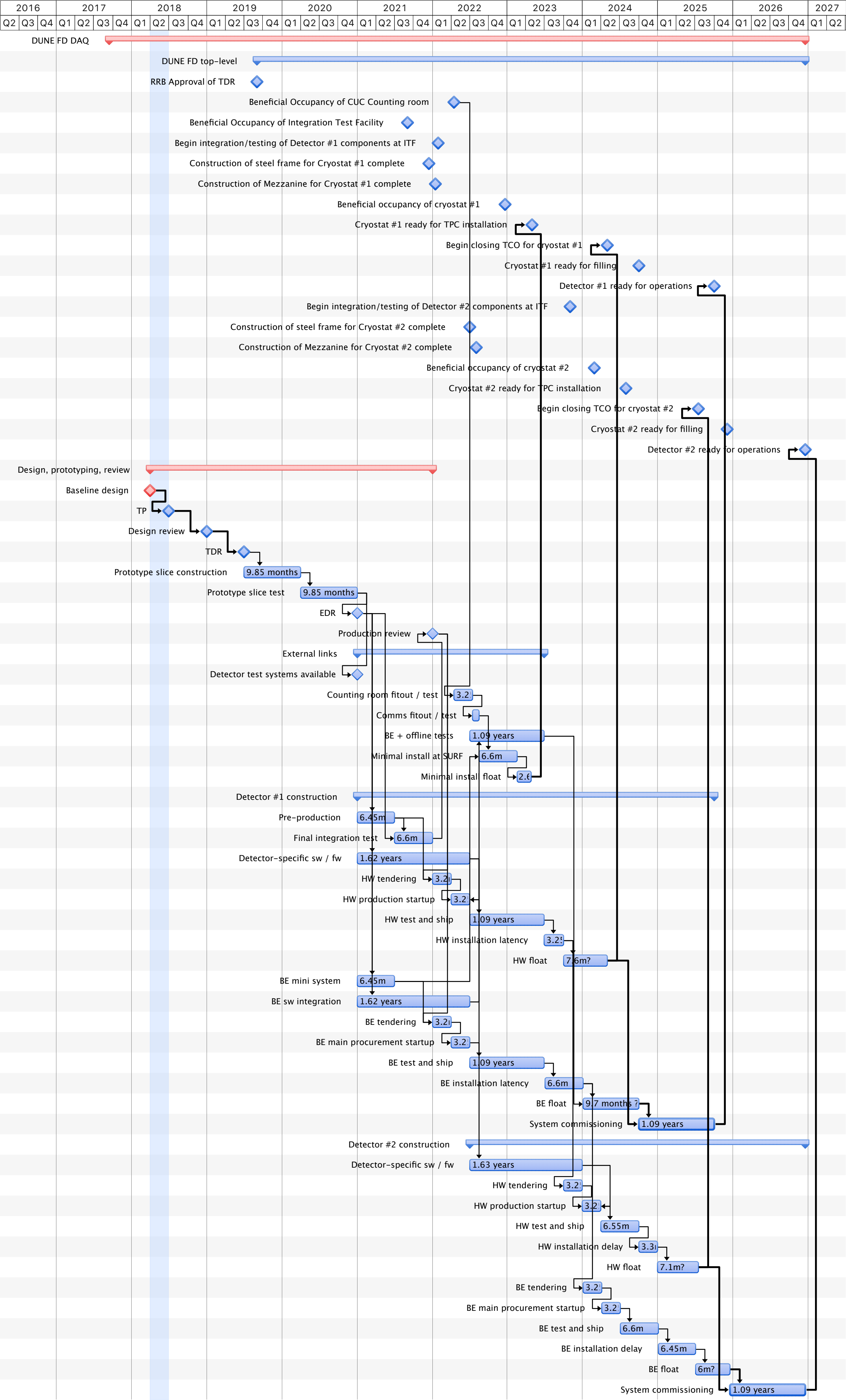
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
DUNE FD DAQ
DUNE FD top-level
RRB Approval of TDR
Beneficial Occupancy of CUC Counting room
Beneficial Occupancy of Integration Test Facility
Begin integration/testing of Detector #1 components at ITF
Construction of steel frame for Cryostat #1 complete
Construction of Mezzanine for Cryostat #1 complete
Beneficial occupancy of cryostat #1
Cryostat #1 ready for TPC installation
Begin closing TCO for cryostat #1
Cryostat #1 ready for filling
Detector #1 ready for operations
Begin integration/testing of Detector #2 components at ITF
Construction of steel frame for Cryostat #2 complete
Construction of Mezzanine for Cryostat #2 complete
Beneficial occupancy of cryostat #2
Cryostat #2 ready for TPC installation
Begin closing TCO for cryostat #2
Cryostat #2 ready for filling
Detector #2 ready for operations
Design, prototyping, review
Baseline design
TP
Design review
TDR
Prototype slice construction
9.85 months
Prototype slice test
9.85 months
EDR
Production review
External links
Detector test systems available
Counting room fitout / test
3.2
Comms fitout / test
BE + offline tests
1.09 years
Minimal install at SURF
6.6m
Minimal install float
2.6
Detector #1 construction
Pre-production
6.45m
Final integration test
6.6m
Detector-specific sw / fw
1.62 years
HW tendering
3.2
HW production startup
3.2
HW test and ship
1.09 years
HW installation latency
3.2
HW float
7.6m?
BE mini system
6.45m
BE sw integration
1.62 years
BE tendering
3.2
BE main procurement startup
3.2
BE test and ship
1.09 years
BE installation latency
6.6m
BE float
9.7 months ?
System commissioning
1.09 years
Detector #2 construction
Detector-specific sw / fw
1.63 years
HW tendering
3.2
HW production startup
3.2
HW test and ship
6.55m
HW installation delay
3.3
HW float
7.1m?
BE tendering
3.2
BE main procurement startup
3.2
BE test and ship
6.6m
BE installation delay
6.45m
BE float
6m?
System commissioning
1.09 years