	2021	2022	2023

PREOPS-155 ◆ PanDA based workflow system with tooling (e.g. restart) added.

PREOPS-670 — kubernetes machines

PREOPS-678 — Proto Campaign Execution tools at USDF

PREOPS-669 — HSC processing at USDF

PREOPS-676 — Prototyping of data backbone at USDF

PREOPS-673 — Initial summit data transfer to USDF

PREOPS-667 — Spec fiesystem

PREOPS-668 — Storage arrives USDF

PREOPS-623 ◆ L3 - USDF initial production environment at SLAC

PREOPS-672 — Setup Rucio Server

PREOPS-1053 — Transfer data from NCSA to SLAC/USDF

PREOPS-677 — Qserv setup at USDF

PREOPS-892 — update Dev Guide for USDF

PREOPS-674 — Kafka influxdb

PREOPS-671 — Setup Panda Server in USDF

PREOPS-1055 — create SLAC accounts for staff and SIT-COM members

PREOPS-675 — Initial Alert and Prompt Processing at USDF

PREOPS-492 ◆ L2 - USDF Initial setup

PREOPS-1041 — Prototype tools for ops campaign tooling management