



U.S. MAGNET  
DEVELOPMENT  
PROGRAM

# MDPCT1 re-assembly plan and schedule

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# Reassembly steps

- ❑ Removal from VMTF - done
- ❑ Preparation to shell cut - done
- ❑ Shell cut and modification - done
- ❑ Magnet Unyoking - started
- ❑ Coil Block Inspection
- ❑ Re-assembly readiness review
- ❑ Coil block reassembly
- ❑ Yoke clamping
- ❑ Shell and rings welding
- ❑ End loading
- ❑ Leads splicing
- ❑ Test readiness review
- ❑ Wiring and connectors soldering
- ❑ Final electrical check



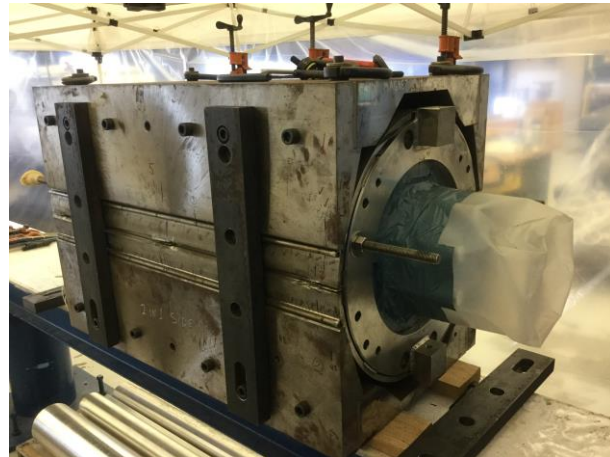


# Preparation to shell cut





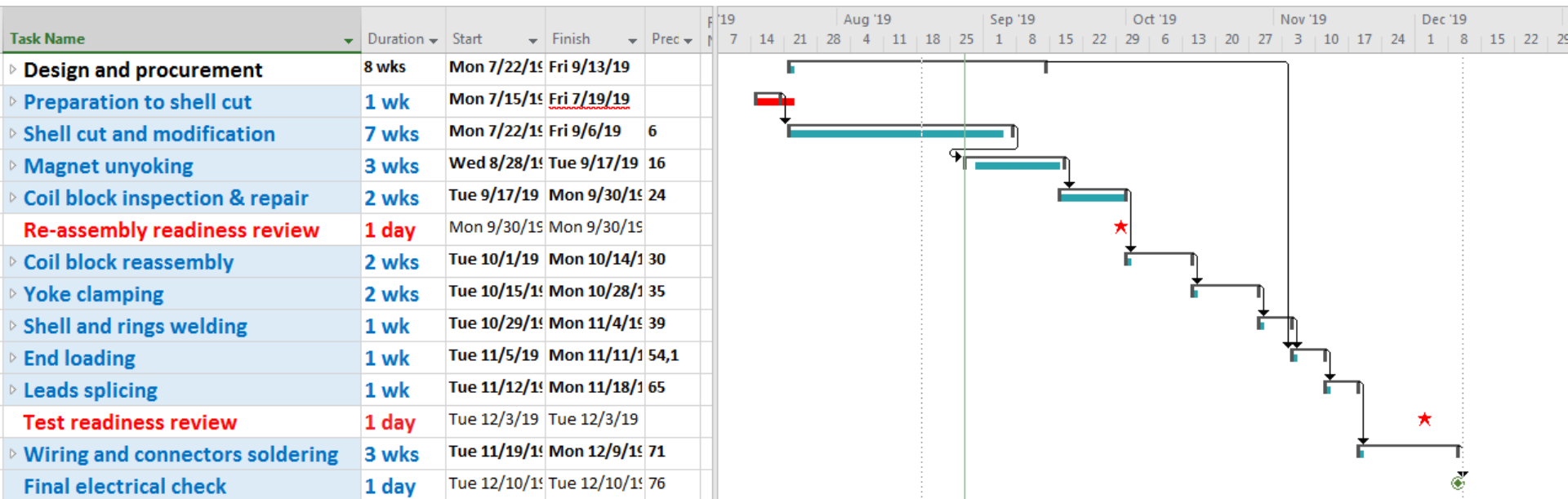
# Shell cut and modifications





# Coil un-yoking preparations





- Re-assembly readiness review – 9/30-10/4 (between MT-26 and meeting with TAC on Oct 7<sup>th</sup>)
- Test readiness review – 11/15+ (before the International workshop on Dec 6-7?)