



Second Target Station MRA & TW Final Design Review

August 10-12, 2026

AGENDA

Event Contact: Lindsay Grace, 865-341-2236 (office); gracelt@ornl.gov			
Time	Event	Lead	Location
DATE: 08/10/2026			
8:00a.m. – 8:15a.m.	Welcome and Second Target Station Introduction	Daniel Lyngh	Building 2040 / Room S108
8:15a.m. – 9:00a.m.	Target Systems requirement elaborations to Target Assembly and MRA	Daniel Lyngh	Building 2040 / Room S108
9:00a.m. – 9:45a.m.	Neutronics Analysis; KPP, Heating & DPA damage for MRA & Target	Lukas Zavorka	Building 2040 / Room S108
9:45a.m. – 10:00a.m.	Break		Building 2040 / Room S108
10:00a.m. – 10:30a.m.	HAR to MRA & Target Assembly Requirements Allocation & rationale	Steven Trotter	Building 2040 / Room S108
10:30a.m. – 11:00a.m.	Target & MRA installation	Jim Janney	Building 2040 / Room S108
11:00a.m. – 12:00p.m.	Allocation of requirements for the Clearance Budget between MRA, CV, TA	Aaron Jacques	Building 2040 / Room S108
12:00p.m. – 1:00p.m.	<i>Working Lunch Review of TA & MRA Requirements (Q&A session w/ committees)</i>	Aaron Jacques & Jim Janney	Building 2040 / Room S108
1:00p.m. – 1:30p.m.	<i>Target Systems Beam On Dose in TDR & Facility spaces</i>	Tucker McClanahan	Building 2040 / Room S108
1:30p.m. – 2:45p.m.	<i>Key Maintenance Activities (Segment & MRA removal)</i>	Steve Schrick	Building 2040 / Room S108
2:45p.m. – 3:00p.m.	Break		Building 2040 / Room S108
3:00p.m. – 3:30p.m.	<i>Disposal of MRA & Target Assembly</i>	Steven Trotter	Building 2040 / Room S108
3:30p.m. – 4:15p.m.	<i>Maintenance Dose Rates</i>	Tucker McClanahan	Building 2040 / Room S108
4:15p.m.	<i>Closed Committee Discussion</i>		Building 2040 / Room S108

As of July 14, 2026

Day 2 Target

Date: 8/11/2026

Time	Event	Lead	Location
8:00a.m. – 9:00a.m.	Target Overall Design	Aaron Jacques	Building 1520 / Room 304
9:00 a.m. – 9:30a.m.	Verification Plan & Report	Aaron Jacques	Building 1520 / Room 304
9:30a.m. – 10:15a.m.	Interfaces	Lukas Bearden	Building 1520 / Room 304
10:15a.m. – 10:30a.m.	<i>Break</i>		Building 1520 / Room 304
10:30a.m. – 11:15a.m.	Segment Design	Aaron Jacques	Building 1520 / Room 304
11:15a.m. – 12:00p.m.	Target Manufacturing Plan	Aaron Jacques	Building 1520 / Room 304
12:00p.m. – 1:00p.m.	Working Lunch - Target Manufacturing Validation & Prototyping	Thomas Muth & Aaron Jacques	Building 1520 / Room 304
1:00p.m. – 2:00p.m.	Segment Thermostructural Analysis	Joey Tipton	Building 1520 / Room 304
2:00p.m. – 2:45p.m.	Segment CFD Analysis	Min-Tsung Kao	Building 1520 / Room 304
2:45p.m. – 3:00p.m.	<i>Break</i>		Building 1520 / Room 304
3:00p.m. – 3:30p.m.	Loss of Cooling (Safety)	Thomas McManamy	Building 1520 / Room 304
3:30p.m. – 4:00p.m.	Decay heat - Maintenance	Lucas Bearden	Building 1520 / Room 304
4:00p.m.	Adjourn		

Day 2 MRA

Date: 8/11/2026

8:00a.m. – 8:15a.m.	MRA Preliminary Design Review Recap	Jim Janney	Building 2040 / Room 314
8:15a.m. – 8:45 a.m.	MRA Interfaces	Jim Janney	Building 2040 / Room 314
8:45a.m. – 10:00a.m.	MRA Design	Jim Janney	Building 2040 / Room 314
10:00a.m. – 10:15a.m.	Break		Building 2040 / Room 314
10:15a.m.–11:00 a.m.	MRA Thermal Hydraulic Analysis	Min-Tsung Kao	Building 2040 / Room 314
11:00a.m. – 11:45a.m.	MRA Structural Analysis	Thomas McManamy	Building 2040 / Room 314
11:45a.m. – 12:00p.m.	Hydrogen Vessel Structural Analysis	Jim Janney	Building 2040 / Room 314
12:00p.m. – 1:00 p.m.	Working Lunch - MRA Model Demonstration, Q&A	Jim Janney / Bill Goosie	Building 2040 / Room 314
1:00p.m. – 2:00p.m.	MRA Fabrication Plan	Jim Janney	Building 2040 / Room 314
2:00p.m. – 2:15p.m.	MRA Acquisition Strategy	Jim Janney	Building 2040 / Room 314
2:15p.m. – 2:45p.m.	MRA Verification Plan and Conclusions	Jim Janney	Building 2040 / Room 314
2:45p.m. – 3:00p.m.	Break		Building 2040 / Room 314
3:00p.m.	Q&A, Closed Committee Discussion		Building 2040 / Room 314

Day 3 Target

Date: 8/12/2026

Time	Event	Lead	Location
8:00a.m. – 9:00a.m.	Drive Design	Aaron Jacques	Building 2040 / Room 104
9:00a.m. – 9:30a.m.	Shaft Design	Lukas Bearden	Building 2040 / Room 104
9:30a.m. – 10:00a.m.	CFD Analysis	Min-Tsung Kao	Building 2040 / Room 104
10:00 a.m. – 10:15a.m.	Break		Building 2040 / Room 104
10:15a.m. – 11:00a.m.	Structural Analysis	Seth Schlotfeldt	Building 2040 / Room 104
11:30a.m. – 12:00p.m.	MUTS Installation & Checkout	Lukas Bearden & Tommy Michaelides	Building 2040 / Room 104
12:00p.m. – 1:00p.m.	Working Lunch - Review Verifications, Q&A	Aaron Jacques	Building 2040 / Room 104
1:30p.m. – 2:00p.m.	PDR Response	Aaron Jacques	Building 2040 / Room 104
2:30p.m. – 3:00p.m.	Project Management	Aaron Jacques	Building 2040 / Room 104
3:00p.m. – 4:00p.m.	Closed Committee Discussion		Building 2040 / Room 104
4:00pm	Closeout Session		Building 2040 / Room 104

Day 3 MRA**Date: 8/12/2026**

Time	Event	Lead	Location
8:00a.m. – 11:00a.m.	Closed Committee Discussion		Building 2040 / Room 314
11:00a.m.	Closeout Session	Committee Chair	Building 2040 / Room 314