

Timeline for proposed NSTX-U enhancements supporting FNSF and ITER (next step is to down-select based on priorities and budgets)

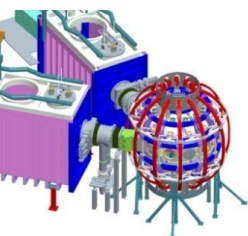
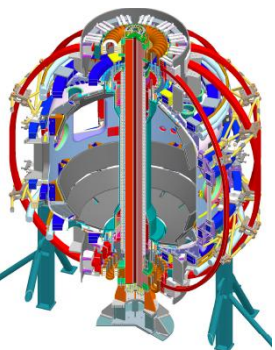
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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Upgrade Outage

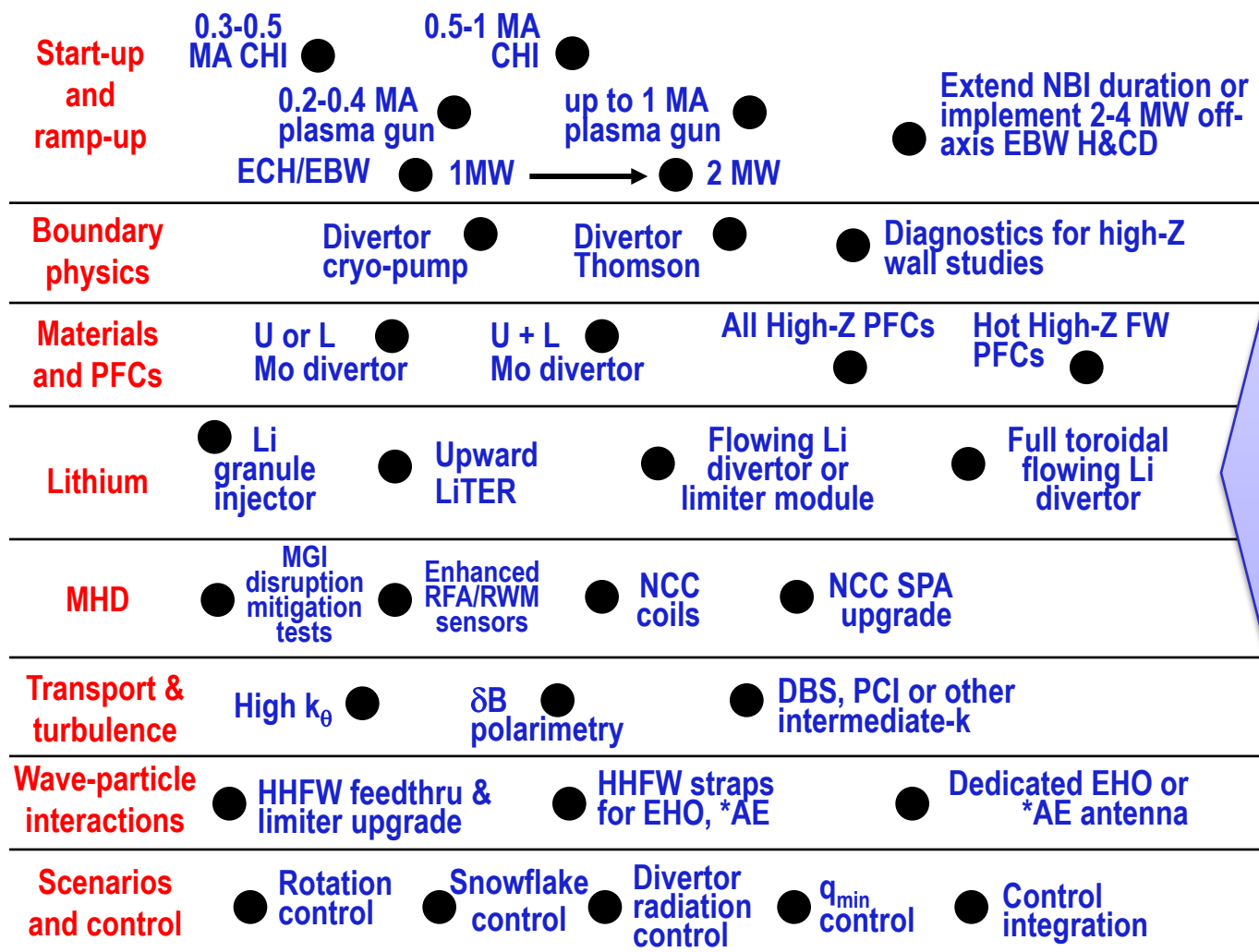
1.5 → 2 MA, 1s → 5s

Advanced PFCs, 5s → 10-20s

New center-stack



2nd NBI



U.S. FNSF conceptual design including aspect ratio and divertor optimization