

FY16 NSTX RUN LOG

NSTX-U FY 16 Run started on Dec. 18, 2015.

FY 2016 Operation Targets: TBD

Complete: 1.26 run weeks producing 116 plasmas

<u>Date</u>	<u>Run Time (Daily hrs)</u>	<u>Accumulated FY Run Time (hrs)</u>	<u>Accumulated FY Run Weeks (40 hours / week)</u>	<u>Plasma Attempts</u>	<u>Plasma Achieved</u>	<u>Experimental Topics</u>	<u>Comments</u>
12/18/15	4.83	4.83	0.12	13	11	XMP-101: Inductive Start-Up Scenarios	Delayed start for ISTP. Missed shots/down time for ECH
Week's End		4.83	0.12				
12/21/15	5.65	10.48	0.26			XMP-106: Magnetic calibration	Delayed start for field coil/PSRTC/PCS Testing
				15	15	XMP-101: Inductive Start-Up Scenarios	Additional test time for PF3U/L test shots.
12/22/15	9.97	20.45	0.51	25	25	XMP-126: Ip and R Control	
						XMP-105: Vertical Position Control Checkout	
Week's End		20.45	0.51				
1/4/16	0	20.45	0.51	0	0		Vacuum Vessel Boronization
1/5/16	5.07	25.52	0.64	11	7	XMP-101 :Inductive Start-Up Scenarios	Missed shots on FCPC/Controls. Down due to ECH/FCPC
						XMP-126: Ip and R Control	
1/6/16	6.78	32.3	0.81	19	9	XMP-101: Inductive Start-Up Scenarios	Missed shots on Controls/FCPC. Down for FCPC.
						XMP-105: Vertical Position Control Checkout	
						XMP-126: Ip and R Control	
1/7/16	9.88	42.18	1.05	26	25	XMP-127: Neutral beams into plasma	Missed shot on fizzle. Down for Ip permissive
						XMP-107: Neutron Calibration Transfer	
						XMP-101: Inductive Start-Up Scenarios	
						XMP-105: Vertical Position Control Checkout	
						XMP-126: Ip and R Control	
1/8/16	8.09	50.27	1.26	25	24	XMP-127: Neutral beams into plasma	Missed shots on fizzles. Mag test shots after 4PM
						XMP-105: Vertical Position Control Checkout	
						XMP-126: Ip and R Control	
						XMP-106: Magnetic calibration	
Week's End		50.27	1.26				
Totals		50.27	1.26	134	116		
		Run Hours	Run Weeks	Attempts	Plasmas		