

Daily Schedule

Prepared by

N.Tamura

Date	Experimental Subject																																														
2024/3/14(Thu)	Plasma Commissioning, Trial Operation of various devices, Effects of boronization																																														
Exp. No.	Experimental Session Group					Session Coordinator																																									
1331	MAP					K. Mukai[2240] / Y. Hayashi[2121] T. Kobayashi[2231] / M. Nishiura[2184]																																									
Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22																																
		U P				[MAP]				D N																																					
Details and Experimental Conditions														Gas																																	
[MAP](12:15 ~ 16:45) ECH, NBI, ICH The coil excitation for experiments will start after the fire drill (from around 9:45). (Between 11:00-12:00) - 14:30 Plasma Commissioning (N. Tamura) (Between 11:00-12:00) - 14:30 Trial operation of various devices (N. Tamura) # Devices to be commissioned: Fueling pellet, Impurity pellet, TESPEL, IPD, gas puff, movable probes, sample manipulators, LID, HIBP, CTS?, Fast TS? 14:45 - 16:45 Effects of boronization on plasma facing surface (S. Masuzaki) Sequence:3min <table><tr><th>#</th><th>Option</th><th>Polarity</th><th>Rax(m)</th><th>Bax(T)</th><th>gamma</th><th>Bq(%)</th><th>Subcooled</th></tr><tr><td>1</td><td></td><td>CW</td><td>3.75</td><td>1.375</td><td>1.2538</td><td>100.0</td><td></td></tr><tr><td>2</td><td></td><td>CW</td><td>3.6</td><td>1.375</td><td>1.2538</td><td>100.0</td><td></td></tr><tr><td>3</td><td></td><td>CW</td><td>3.6</td><td>2.75</td><td>1.2538</td><td>100.0</td><td></td></tr></table>														#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled	1		CW	3.75	1.375	1.2538	100.0		2		CW	3.6	1.375	1.2538	100.0		3		CW	3.6	2.75	1.2538	100.0		H2,He,N2 ,Ne,Ar,Kr, Xe	
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Wall Conditioning																																															
GD(Before Exp.): None , GD(After Exp.): None , Cryopump(During Exp.): off																																															
Remarks																																															
The coil excitation at 9:30 is for a fire drill. After the fire drill, the coil excitation for experiments will be conducted.																																															
[Precautions for today's LHD experiments] (id:723) Impurity pellet/TESPEL (id:724) Impurity gas puff (id:725) Impurity powder dropper (id:729) ECH: Low absorption condition (id:731) Mag. Conf.: Using LID coil (id:732) Probe: Insertion of Fast Ion Loss Diagnostics (8-O) (id:734) Probe: HDLP Probe access near LCFS (id:737) ECH: Commissioning (alignment, profile check) (id:740) ICH: IC wave injection into the vaccum (w/o plasma) (id:745) ECH: Collective Thomson Scattering (CTS) measurement (id:746) ECH: EC wave Injection from the Port 1.5Uo antenna (id:748) ECH: off-axis injection (Combined) (id:749) ICH: Antennae insertion for plasma heating by ICH : Subcool required (id:757) ECH: Optical Vortex injection (id:758) Insertion of sample, etc.: Insertion of samples using manipulator (id:759) Probe: Edge plasma measurement using the fast-scanning Langmuir probes																																															