

Daily Schedule

Prepared by

H.Kasahara

Date	Experimental Subject																																																	
2021/10/15(Fri)	Impurity shielding, Device commissioning, Reference discharge																																																	
Exp. No.	Topical Group				TGL				Sub-TGL																																									
1217	multi-ion				N.Tamura/M.Kobayashi [2337/2169]				H.Kasahara/G.Motojima [2065/2142]																																									
Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22																																			
		U P		[multi-ion]								D N																																						
Details and Experimental Conditions														Gas																																				
[multi-ion](11:00 ~ 18:45)ECH, NBI, ICH 56 GHz ECH commissioning (R. Yanai) The impurity shielding performance of the ergodic layer by a systematic scan of the dust dropping rate using the Impurity Powder Dropper (IPD(B)) will be investigated (M. Shoji). Test of a non-sinusoidal multi-freq. density modulation (M. van Berkel, K. Tanaka). Device commissioning will be conducted. A reference discharge at each magnetic field configuration will be carried out. Maximum number of discharges : 170 Sequence:3min <table><thead><tr><th>Reserved</th><th>Polarity</th><th>Rax(m)</th><th>Bax(T)</th><th>gamma</th><th>Bq(%)</th><th>Subcooled</th></tr></thead><tbody><tr><td>No</td><td>CW</td><td>3.6</td><td>1.0</td><td>1.2538</td><td>100.0</td><td>No</td></tr><tr><td>No</td><td>CW</td><td>3.6</td><td>2.75</td><td>1.2538</td><td>100.0</td><td>No</td></tr><tr><td>No</td><td>CW</td><td>3.75</td><td>2.64</td><td>1.2538</td><td>100.0</td><td>No</td></tr><tr><td>No</td><td>CW</td><td>3.9</td><td>2.5384</td><td>1.2538</td><td>100.0</td><td>No</td></tr></tbody></table>														Reserved	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled	No	CW	3.6	1.0	1.2538	100.0	No	No	CW	3.6	2.75	1.2538	100.0	No	No	CW	3.75	2.64	1.2538	100.0	No	No	CW	3.9	2.5384	1.2538	100.0	No	H2,D2,He ,N2,Ne,Ar ,Kr,Xe	
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Wall Conditioning		GD(Before Exp.): No , Cryopump(During Exp.): Yes																																																
Remarks		Divertor Cryo (except for 2I) (multi-ion)IPD(B), Special gas-puff modulation 【LHD experiment manual with precautions】 (id:612) 不純物:ペレット/TESPEL (id:613) 不純物:ガスパフ (id:614) 不純物:パウダードロップ (id:615) 高ガス圧パルス (id:620) ECH: 低吸収運転 (id:629) プローブ:HDLPのLCFSへの挿入 (id:638) ECH: アライメント・分布計測 (id:654) ECH:新1.5-UOアンテナ入射 (id:657) ICH: 電力入射のためのアンテナ挿入(まとめ)																																																