

Daily Schedule

Prepared by

N.Tamura

Date	Experimental Subject																																																															
2022/10/6(Thu)	ICH commissioning Edge impurity transport																																																															
Exp. No.	Topical Group					TGL					Sub-TGL																																																					
1281	multi-ion/spectroscopy					N.Tamura/M.Kobayashi M. Goto [2337/2169, 2290]					H.Kasahara/G.Motojima M.Yoshinuma/T.Oishi/T.Kawate [2203/2142, 2172/2022/2256]																																																					
Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22																																																	
		U P	[multi-ion]			[spectroscopy]						D N																																																				
Details and Experimental Conditions														Gas																																																		
[multi-ion Coordinator: T.Oishi](09:45 ~ 12:15) ECH, NBI, ICH 9:45-12:15 ICH commissioning (H. Kasahara) Maximum number of discharges : 60 Sequence:3min30s <table><tr><td>#</td><td>Option</td><td>Polarity</td><td>Rax(m)</td><td>Bax(T)</td><td>gamma</td><td>Bq(%)</td><td>Subcooled</td></tr><tr><td>1</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	3.6	2.75	1.2538	100.0		H2,He,Ar																																		
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1		CW	3.6	2.75	1.2538	100.0																																																										
[spectroscopy Coordinator: T.Nishizawa,T.Kobayashi](12:15 ~ 18:45) ECH, NBI 12:15-18:45 Study of edge impurity transport by utilizing multiple spectroscopy diagnostics (T. Nishizawa, T. Kobayashi) Maximum number of discharges : 140 Sequence:3min <table><tr><td>#</td><td>Option</td><td>Polarity</td><td>Rax(m)</td><td>Bax(T)</td><td>gamma</td><td>Bq(%)</td><td>Subcooled</td></tr><tr><td>1</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><tr><td>2</td><td></td><td>CW</td><td>3.75</td><td>2.64</td><td>1.2538</td><td>100.0</td><td></td></tr><tr><td>3</td><td></td><td>CW</td><td>3.9</td><td>2.5385</td><td>1.2538</td><td>100.0</td><td></td></tr><tr><td>4</td><td>✓</td><td>CW</td><td>3.7</td><td>2.6757</td><td>1.2538</td><td>100.0</td><td></td></tr><tr><td>5</td><td>✓</td><td>CW</td><td>3.8</td><td>2.6053</td><td>1.2538</td><td>100.0</td><td></td></tr></table>														#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled	1		CW	3.6	2.75	1.2538	100.0		2		CW	3.75	2.64	1.2538	100.0		3		CW	3.9	2.5385	1.2538	100.0		4	✓	CW	3.7	2.6757	1.2538	100.0		5	✓	CW	3.8	2.6053	1.2538	100.0		H2,Ne,Ar		
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Wall Conditioning																																																																
		GD(Before Exp.): None , GD(After Exp.): None , Cryopump(During Exp.): off																																																														
Remarks																																																																
(spectroscopy)NBI#3 gate open for CXS measurement																																																																
【Precautions for today's LHD experiments】 (id:677) Impurity gas puff (id:696) ICH: IC wave injection into the vaccum (w/o plasma) (id:704) ECH: EC wave injection for more than 10 s (Combined) (id:706) ICH: Antennae insertion for plasma heating by ICH (id:722) Insertion of sample, etc: Insertion of water-cooled tungsten divertor test piece																																																																