

Daily Schedule

Prepared by

N.Tamura

Date		Experimental Subject																																																					
2024/4/26(Fri)		Multi-wavelength spectroscopy of highly charged ions, Solid hydrogen pellet injection, Pellet fuelling efficiency, Edge impurity transport																																																					
Exp. No.		Experimental Session Group					Session Coordinator																																																
1356		MAP					R.T. Ishikawa[2576] / K. Mukai[2240]																																																
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](10:30 ~ 16:45) ECH, NBI 10:30-11:27 Multi-wavelength spectroscopy of highly charged ions (I. Murakami) 11:27-11:36 NBI calib. (3 shots) 11:36-13:30 Solid hydrogen pellet injection in the extended operational regime (H. Yamada(U. Tokyo), R. Sakamoto) 11:36-13:30 Pellet fuelling efficiency dependence on magnetic configuration (N. Panadero (Ciemat), R. Sakamoto) [piggy-backed] 13:30-13:45 [Change of Mag. Config.: 3.6 m, 2.75 T -> 3.6 m, 2.0 T] 13:45-15:30 Solid hydrogen pellet injection in the extended operational regime (H. Yamada (U. Tokyo), R. Sakamoto) 15:30-15:45 [Change of Mag. Config.: 3.6 m, 2.0 T -> 3.6 m, 1.375 T] 15:45-16:45 Edge impurity transport in impurity-seeded detachment (E. Wang (FZJ), Goto) # [Change of Mag. Config.: 1.375 T -> 1.0 T] will be done during 15:45-16:45 NBI pattern #7: (#1, #2, #3, #4, #5) - (#1, #2, #3, #5) - (#1, #2, #3) - (#1, #2) 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>3.6</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>3.6</td><td>2.0</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>1.375</td><td>1.2538</td><td>100.0</td><td></td></tr><tr><td>4</td><td></td><td>CW</td><td>3.6</td><td>1.0</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	3.6	2.0	1.2538	100.0		3		CW	3.6	1.375	1.2538	100.0		4		CW	3.6	1.0	1.2538	100.0		H2,Ne,Ar	
#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled																																																
1		CW	3.6	2.75	1.2538	100.0																																																	
2		CW	3.6	2.0	1.2538	100.0																																																	
3		CW	3.6	1.375	1.2538	100.0																																																	
4		CW	3.6	1.0	1.2538	100.0																																																	
Wall Conditioning		GD(Before Exp.): None , Cryopump(During Exp.): on																																																					
Remarks		(MAP)Impurity pellet, Fast TS, EUV/VUV & Div. VIS spectrometers (set for neon line emissions), Divertor LPs, Bolometers [Precautions for today's LHD experiments] (id:723) Impurity pellet/TESPEL (id:724) Impurity gas puff (id:752) NBI: Injection into the discharges with low fields																																																					