

Daily Schedule

Prepared by

H.Kasahara

Date	Experimental Subject																																						
2022/12/26(Mon)	Understanding of the origin and evolution of cosmic organic dust, Advanced scenarios of ICRH plasma start-up, Controls of heat load on divertor tiles in long pulse discharges																																						
Exp. No.	Topical Group					TGL					Sub-TGL																												
1328	multi-ion					N.Tamura/M.Kobayashi [2337/2169]					H.Kasahara/G.Motojima [2203/2142]																												
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 Coordinator: M.Kobayashi](13:45 ~ 18:45) ECH, NBI, ICH 13:45-14:45 Understanding of the origin and evolution of cosmic organic dust (I. Sakon, M. Kobayashi) 14:45-15:10 Mag. conf. change 15:10-18:10 Advanced scenarios of ICRH plasma start-up (V. Moiseenko, H. Kasahara) 18:10-18:45 Controls of heat load on divertor tiles in long pulse discharges (S. Masuzaki) Maximum number of discharges : 120 Sequence:3min <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>1</td><td></td><td>CCW</td><td>3.9</td><td>2.5385</td><td>1.2538</td><td>100.0</td><td></td></tr> <tr> <td>2</td><td></td><td>CCW</td><td>3.6</td><td>2.75</td><td>1.2538</td><td>100.0</td><td></td></tr> </tbody> </table>														#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled	1		CCW	3.9	2.5385	1.2538	100.0		2		CCW	3.6	2.75	1.2538	100.0		H2,He,N2 ,Ne,Ar	
#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled																																
1		CCW	3.9	2.5385	1.2538	100.0																																	
2		CCW	3.6	2.75	1.2538	100.0																																	
Wall Conditioning																																							
GD(Before Exp.): None , Cryopump(During Exp.): off																																							
Remarks		(multi-ion)CXS, VUV & VIS spectrometers, Manipulator, QMS 【Precautions for today's LHD experiments】 (id:677) Impurity gas puff (id:680) High Pressure Steady Operation (id:696) ICH: IC wave injection into the vaccum (w/o plasma) (id:705) ECH: off-axis injection (Combined) (id:706) ICH: Antennae insertion for plasma heating by ICH : Subcool required (id:719) Insertion of sample, etc.: Insertion of samples using manipulator																																					