

Daily Schedule

Prepared by

N.Tamura

Date	Experimental Subject																														
2024/5/16(Thu)	Construction of atomic data and plasma modeling, Measurement of anisotropy in EVDF, Experimental identification of spectral lines, Asymmetries during impurity seeding																														
Exp. No.	Experimental Session Group						Session Coordinator																								
1364	MAP						K.Mukai[2240] / R.Yanai[2163]																								
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																	
<div>[MAP](10:30 ~ 16:45) ECH, NBI 10:30-11:30 Construction of atomic data and plasma modeling toward understanding the origin of heavy elements (D. Kato) 11:30-13:15 Measurement of anisotropy in EVDF with polarization spectroscopy for Argon ion M1 lines (M. Goto) 13:15-14:45 Experimental identification of spectral lines from highly charged heavy ions (C. Suzuki) # NBI calib. (3 shots) will be done during 13:15-14:45 14:45-16:45 Study of poloidal and toroidal asymmetries during impurity seeding in LHD (B. Peterson) 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></table></div>														#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled	1		CW	3.6	2.75	1.2538	100.0		H2,He,N2 ,Ne,Ar	
#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled																								
1		CW	3.6	2.75	1.2538	100.0																									
Wall Conditioning																															
GD(Before Exp.): He , GD(After Exp.): None , Cryopump(During Exp.): off																															
Remarks																															
(MAP)Spectrometers, Impurity pellet, TESPEL, Impurity puff, Fast TS, LID(14:45-16:45) [Precautions for today's LHD experiments] (id:723) Impurity pellet/TESPEL (id:724) Impurity gas puff (id:731) Mag. Conf.: Using LID coil																															