LHD project

Daily Schedule

Prepared by
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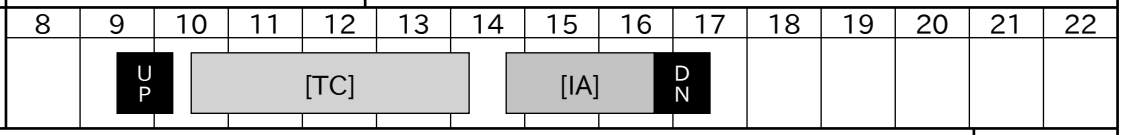
Date	Experimental Subject
2024/4/9(Tue)	Transport study in ECRH superposed ion ITB plasma Validation of high-energy NB shine-through model

Exp. No.	Experimental Session Group	Session Coordinator
1345	TC/IA	T.kobayashi[2231] / A.Shimizu[2454] T.Kawate[2256] / K.Ogawa[2229]

Time Table



Details and Experimental Conditions

[TC](10:30 ～ 14:15) ECH, NBI
10:30-14:35 Transport study in ECRH superposed ion ITB plasma (H. Nakano)
14:35-14:45 NBI calibration (3 shots)

Sequence:3min

#	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	

[IA](14:45 ～ 16:45) ECH, NBI
14:45-16:45 Validation of high-energy NB shine-through model (S. Sumida (QST), M. Osakabe)

Sequence:3min

#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled
1		CW	3.6	2.75	1.2538	100.0	

Gas

H2,He,Ar

H2,He,C
H4

Wall Conditioning

GD(Before Exp.): None , GD(After Exp.): H2 , Cryopump(During Exp.): on

Remarks

(TC)BES, CXS, MSE, FIDA, FILD, HIBP, Impurity pellet, Ice pellet, PCI, Reflectometer, Doppler Reflectometer, Off-axis ECH, MECH, CTS

(IA)FIDA, BES, CXS, H/He ratio, Bulk-CXS, CH4 puff

【Precautions for today's LHD experiments】
(id:723) Impurity pellet/TESPEL
(id:724) Impurity gas puff
(id:741) ECH: Heating with the perpendicular injection from Port 2-O : Subcool required
(id:745) ECH: Collective Thomson Scattering (CTS) measurement
(id:748) ECH: off-axis injection (Combined)