LHD project

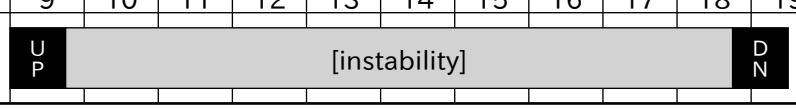
Daily Schedule

Prepared by
S.Masuzaki

Date	Experimental Subject
2022/11/3(Thu)	AE excitation by multiple EP, Beam ion transport due to TAE, ECRH/ ECCD effects on AE

Exp. No.	Topical Group	TGL	Sub-TGL
1297	instability	K.Nagaoka/Y.Takemura [2177/2167]	R.Seki/N.Kenmochi [2201/2208]

Time Table



Details and Experimental Conditions

[instability Coordinator: R.SEKI](09:45 ～ 18:45) ECH, NBI
9:45-13:45 AE excitation by multiple EP (M. Osakabe), Beam ion transport due to TAE (K. Ogawa)
13:45-18:45 ECRH/ ECCD effects on AE (S. Sharapov, K. Ogawa)
Maximum number of discharges : 190
Sequence:3min

#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled
1		CCW	3.6	0.6	1.2538	100.0	
2		CCW	3.6	1.0	1.2538	100.0	
3		CCW	3.9	1.0	1.2538	100.0	
4		CCW	3.6	1.375	1.2538	100.0	
5		CCW	3.9	1.375	1.2538	100.0	
6		CCW	3.6	2.75	1.2538	100.0	
7		CCW	3.9	2.5385	1.2538	100.0	

Gas

D2

Wall Conditioning

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

Remarks

(instability)MSE, CXS, FIDA, E//B-NPA, FILD, ECCD, NBI3 blip

【Precautions for today's LHD experiments】
(id:686) Probe: Insertion of Fast Ion Loss Diagnostics (8-O)
(id:712) NBI: Injection into the discharges with low fields
(id:720) Probe: Edge plasma measurement using the fast-scanning Langmuir probes
(id:722) Insertion of sample, etc: Insertion of water-cooled tungsten divertor test piece