

Daily Schedule

Prepared by

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Date	Experimental Subject															
2022/12/22(Thu)	Bootstrap / Core and Edge control															
Exp. No.	Topical Group					TGL					Sub-TGL					
1326	instability					K.Nagaoka/Y.Takemura [2177/2167]					R.Seki/N.Kenmochi [2201/2208]					
Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
		U P	[instability]										D N			
Details and Experimental Conditions														Gas		
[instability Coordinator: K.Nagaoka](09:00 ~ 18:45) ECH, NBI, ICH 9:45 - 13:30 Bootstrap current in the 1/nu and plateau regimes in the inwardly shifted LHD configuration (O. Mitarai, K.Y. Watanabe) 13:50 - 16:00 Feedback control of detachment with ECRH and impurity gas injection (M. Kobayashi) 16:20 - 18:45 Core mode control by ECH/ECCD/NBCD (J. Varela, K.Y. Watanabe, Y. Takemura) Maximum number of discharges : 180 Sequence:3min														H2,N2,Ne,Ar		
#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled									
1		CCW	3.53	2.64	1.2538	100.0										
2		CCW	3.75	2.64	1.2538	100.0										
3		CCW	3.9	2.5385	1.2538	100.0										
4		CCW	3.5	1.375	1.2538	100.0										
5		CCW	3.55	1.375	1.2538	100.0										
6	✓	CCW	3.5	1.0	1.2538	100.0										
7	✓	CCW	3.55	1.0	1.2538	100.0										
Wall Conditioning																
GD(Before Exp.): None , GD(After Exp.): H2 , Cryopump(During Exp.): on																
Remarks																
(instability)MSE, RMP NBI long pulse (up to 5 sec), ECH long pulse (up to 4 sec), ECH boost mode (11Hz modulation), ICH (up to 4 sec) [Precautions for today's LHD experiments] (id:677) Impurity gas puff (id:681) Mag. Conf.: 3.55 m =< Rax < 3.6 m (id:685) Mag. Conf.: Using LID coil (id:705) ECH: off-axis injection (Combined) (id:706) ICH: Antennae insertion for plasma heating by ICH : Subcool required (id:711) Mag. Conf.: Rax = 3.5, 3.53 m (id:721) Insertion of sample, etc: Exposure of a material sample to divertor plasma by the manipulators																