

Daily Schedule

Prepared by

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Date	Experimental Subject																
2022/11/29(Tue)	low frequency turbulence, hihg Ti- IPD study																
Exp. No.	Topical Group					TGL					Sub-TGL						
1311	turbulence					T.Tokuzawa [2217]					A.Shimizu/T.Kobayashi/M. Nishiura/M.Nakata [2454/2231/2184/2276]						
Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
		U P	[turbulence]										D N				
Details and Experimental Conditions														Gas			
[turbulence Coordinator: MasakiNishiura](09:45 ~ 18:45) ECH, NBI, ICH 9:45-13:00 DAQ 3min Impact of low-frequency turbulence on ion velocity distribution function(Ids) 13:00-18:45 DAQ 3min30s(wall DC) Study of IPD to improve wall recycling at high Ti discharges(Takahashi) Demonstration of real-time ECH plasma control by the data assimilation system ASTI(Murakami) Plasma behaviors at the boundary of the transition to the High Ion Temperature discharge (Yoshinuma) Maximum number of discharges : 200 Sequence:3min, 3min30s(Wall DC)														H2,D2,He ,Ar			
#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled										
1		CCW	3.55	2.7887	1.2538	100.0											
2		CCW	3.6	2.75	1.2538	100.0											
3		CCW	3.6	2.85	1.2538	100.0	✓										
4	✓	CCW	3.53	2.8045	1.2538	100.0											
5	✓	CCW	3.58	2.866	1.2538	100.0	✓										
Wall Conditioning																	
		GD(Before Exp.): None , GD(After Exp.): D2 , Cryopump(During Exp.): on															
Remarks																	
(turbulence)C pellet, IPD, Superimposed TS, FTS, PCI, FIDA 13:00-18:45 3 min 30 s(wall DC) [Precautions for today's LHD experiments] (id:676) Impurity pellet/TESPEL (id:677) Impurity gas puff (id:678) Impurity powder dropper (id:681) Mag. Conf.: 3.55 m =< Rax < 3.6 m (id:691) Mag. Conf.: Subcool conditions (Combined) : Subcool required (id:706) ICH: Antennae insertion for plasma heating by ICH : Subcool required (id:711) Mag. Conf.: Rax = 3.5, 3.53 m (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																	