LHD project

Daily Schedule

Prepared by
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Date	Experimental Subject
2022/12/19(Mon)	Isotope dependence of collisionless energy transfer from beam to bulk ions isotope effect, ECH realtime control

Exp. No.	Topical Group	TGL	Sub-TGL
1323	instability/turbulence	K.Nagaoka/Y.Takemura T.Tokuzawa [2177/2167, 2217]	R.Seki/N.Kenmochi A.Shimizu/T.Kobayashi/M.Nishiura/M.Nakata [2201/2208, 2454/2231/2184/2276]

Time Table	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
						UP	[instability]		[turbulence]			DN			

Details and Experimental Conditions	Gas
[instability Coordinator: R.SEKI](13:45 ～ 16:00) ECH, NBI 13:45-16:00 Isotope dependence of collisionless energy transfer from beam to bulk ions (K. Ida) Maximum number of discharges : 60 Sequence:3min	H2
[turbulence Coordinator: MasakiNishiura](16:00 ～ 18:45) ECH, NBI 16:00-18:45 Demonstration of real-time ECH plasma control by the data assimilation system ASTI(Murakami) Maximum number of discharges : 70 Sequence:3min	H2,Ar

#	Option	Polarity	Rax(m)	Bax(T)	gamma	Bq(%)	Subcooled
1		CCW	3.55	2.7887	1.2538	100.0	

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

Wall Conditioning

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

Remarks

(instability)CXS6, CXS11
(turbulence)realtime TS, TS(overlap 2-laser)

【Precautions for today's LHD experiments】
(id:681) Mag. Conf.: 3.55 m =< Rax < 3.6 m