

HMS valve configuration for Qweak				Configuration	Verified	Date
Magnet	HMI name	ESR Name	Description			
Q1						
	JT13	EV9121	Lhe Ret	open		
	JT8	EV9111	Lhe Supply Top	close		
	JT6	EV9112	Lhe Supply Bottom	close		
	JT4	EV9161	Ghe Supply	close		
	JT1	EV9153	LN2 Supply Bottom	open		
	JT3	EV9152	LN2 Supply Top	open		
	JT19	EV9155	LN2 Check valve	open		
		MV9170	Neck Flow	open		
	+ve	EV9171	Current Lead P	open		
	-ve	EV9172	Current Lead N	open		
		MV9175	Current lead warm Return	close		
	BV	EV9173	Warm Return	close		
Q2						
	JT13	EV9221	Lhe Ret	close		
	JT8	EV9211	Lhe Supply Top	close		
	JT6	EV9212	Lhe Supply Bottom	close		
	JT4	EV9261	Ghe Supply	close		
	JT1	EV9253	LN2 Supply Bottom	open		
	JT3	EV9252	LN2 Supply Top	open		
	JT19	EV9255	LN2 Check valve	open		
		MV9270	Neck Flow	open		
	+ve	EV9271	Current Lead P	open		
	-ve	EV9272	Current Lead N	open		
		MV9275	Current lead warm Return	close		
	BV	EV9273	Warm Return	close		

Q3						
	JT13	EV9321	Lhe Ret	close		
	JT8	EV9311	Lhe Supply Top	close		
	JT6	EV9312	Lhe Supply Bottom	close		
	JT4	EV9361	Ghe Supply	close		
	JT1	EV9353	LN2 Supply Bottom	open		
	JT3	EV9352	LN2 Supply Top	open		
	JT19	EV9355	LN2 Check valve	open		
		MV9370	Neck Flow	open		
	+ve	EV9371	Current Lead P	open		
	-ve	EV9372	Current Lead N	open		
		MV9375	Current lead warm Return	close		
	BV	EV9373	Warm Return	close		
Dipole						
	JT13	EV9421	Lhe Ret	close		
	JT5	EV9411	Lhe Supply Top	close		
	JT1	EV9412	Lhe Supply Bottom	close		
	JT2	EV9461	Ghe Supply	open		
	JT3	EV9453	LN2 Supply Bottom	open		
	JT4	EV9452	LN2 Supply Top	open		
	+ve	EV9471	Current Lead P	open		
	-ve	EV9472	Current Lead N	open		
		MV9472	Current lead warm Return	close		
	BV	EV94725	Warm Return	close		
Heat Exchanger						
		MV9663	He Balance	close		
	Mix	EV9662	Ghe Mix	open		
		MV9652	LN2 Cooldown bypass	open		
	Ln2	EV9651	N2 HxR	open		
Transfer Line						
	JT12	EV9613	Trace Line	open		