

Print this Page

Setup for Negative Ions-run

Steps to follow when preparing for the Negative Ions Run.
Please contact the IMS if in doubt!

To be inverted	Equipment	Action	Where
	GPS Line	Swap Polarity	HT room (GPS Faraday Cage)
	GPS.MAG70	Power	Room above
	GPS.MAG70	Flip BH15 probe	GPS Separator Zone
	GPS.QS30	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP40	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP50	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP170	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP180	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP520	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP530	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QP540	Swap Polarity	Power Supply Racks outside HT-room
	GPS.QS550	Swap Polarity	Power Supply Racks outside HT-room
	GPS.BE560	Swap Polarity	Power Supply Racks outside HT-room
	GLM.DE10	Swap Polarity	Power Supply Racks outside HT-room
	GLM.KI08	Swap Polarity	Power Supply Racks outside HT-room
	GLM.QP40	Swap Polarity	Power Supply Racks outside HT-room
	GLM.QP50	Swap Polarity	Power Supply Racks outside HT-room
	GLM.QP60	Swap Polarity	Power Supply Racks outside HT-room

	GLM.QS70	Swap Polarity	Power Supply Racks outside HT-room
To be inverted when HRS not taking beam.			
	CA0.KI10	Swap Polarity	Power Supply Racks outside HT-room
	CA0.QP50	Swap Polarity	Power Supply Racks outside HT-room
	CA0.QS40	Swap Polarity	Power Supply Racks outside HT-room
	CA0.DE60	Swap Polarity	Power Supply Racks outside HT-room
Not to be inverted.			
	GPS.XY120	-	-
	GPS.XY120	-	-

Attention!

Deflectors GPS.XY120 and GLM.Y30 are difficult to invert, better just to remember that their sense of action is swapped.

The steering quadrupoles GPS.QS30, GPS.QS550, GLM.QS70, and CA0.QS40 will have their steering action rotated, meaning that attempting to move the beam in the horizontal plane will have an effect in the vertical plane.