

RUN |||

FIRST LEVEL CALORIMETER TRIGGER RACK LAYOUT

RACK	RACK	RACK	RACK	RACK	RACK	RACK	RACK	
M103	M104	M105	M106	M107	M108	M109	M110	
M112	M111	M110	M111	M112	M111	M110	M111	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> Calorimeter Trigger ControlCrate 1x COMINT, 6x BBB 1x MTC 1x TriggerFanOut 10x TELW </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -5.2V @ 200A -5.0V @ 200A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -1 TO -4 PHI 1 TO 16 BBA - 168 MBA = 172 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -1 TO -4 PHI 1 TO 32 BBA - 176 MBA = 180 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +1 TO +4 PHI 17 TO 32 BBA - 176 MBA = 177 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> SECOND_TIER_CRATE ETA +8-8 BBA = 152 MBA = 153 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +5 TO +8 PHI 1 TO 16 BBA - 168 MBA = 170 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +5 TO +8 PHI 17 TO 32 BBA - 176 MBA = 178 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -5.2V @ 200A -5.0V @ 200A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -5 TO -8 PHI 1 TO 16 BBA - 168 MBA = 175 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -5 TO -8 PHI 17 TO 32 BBA - 176 MBA = 183 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> THIRD_TIER_CRATE BBA = 152 MBA = 159 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +9 TO +12 PHI 1 TO 16 BBA - 200 MBA = 201 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +9 TO +12 PHI 17 TO 32 BBA - 208 MBA = 209 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -5.2V @ 200A -5.0V @ 200A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -9 TO -12 PHI 1 TO 16 BBA - 200 MBA = 204 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -9 TO -12 PHI 17 TO 32 BBA - 208 MBA = 212 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> SECOND_TIER_CRATE ETA -16...-9...-9...-16 BBA = 152 MBA = 154 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +13 TO +16 PHI 1 TO 16 BBA - 200 MBA = 202 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +13 TO +16 PHI 17 TO 32 BBA - 208 MBA = 210 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -5.2V @ 200A -5.0V @ 200A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -13 TO -16 PHI 1 TO 16 BBA - 200 MBA = 207 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -13 TO -16 PHI 17 TO 32 BBA - 208 MBA = 215 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> SECOND_TIER_CRATE ETA -20...-17...-17...-20 BBA = 152 MBA = 156 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +17 TO +20 PHI 1 TO 16 BBA - 224 MBA = 225 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA +17 TO +20 PHI 17 TO 32 BBA - 224 MBA = 226 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>	<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -5.2V @ 200A -5.0V @ 200A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -17 TO -20 PHI 1 TO 16 BBA - 224 MBA = 228 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> ETA -17 TO -20 PHI 17 TO 32 BBA - 224 MBA = 231 </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> POWER SUPPLIES -4.5V @ 200A -5.2V @ 200A -2.0V @ 250A -5.0V @ 600A </div>

ETA: +8 through -8

ETA: +16 through +9 and -9 through -16

ETA: +20 through +17 and -17 through -20