STARSHIP SIMULATOR

COLD START CHECKLIST (17 Jan 2024)



Switch on your torch!

- 1. Start on the lower floor of the Reactor Room
- 2. Go to the Start-up Distributor Board in the Capacitor Room
- 3. Start all the breakers (this will bring on the emergency lighting)
- 4. Go back to the Reactor Room main console and switch the Reactor Internal Bus to "STARTUP"
- 5. Click "START" on the Vacuum Pump reactor control
- 6. Head to the Cryo Storage Room
- 7. Go behind the tanks
- 8. Switch the Helium Chiller to ON and open the Helium Supply Valve on the wall behind you
- 9. Switch the HE3 Chiller to ON and open the HE3 Valve on the back wall
- 10. Observe the Helium and HE3 tanks filling
- 11. Repeat steps 8, 9 and 10 for the Deuterium Chillers
- 12. Move to the front of the tanks
- 13. Open and power on the Deuterium, Helium and HE3 Pumps
- 14. Go back to the Reactor Room
- 15. Open the Deuterium, HE3 and Helium inflow valves on the sides of the reactor
- 16. Go back to the main Reactor Console and observe the coolant loop temperature dropping once it is below 20.00k switch the field coils to "ON"
- 17. Hit "INITIATE" on the Reactor Control and the reactor should start
- 18. Use the Reactor "++" to increase the reactor output to 100%
- 19. On the right hand side of the console change the reactor internal bus mode to "SUPPLY"
- 20. Head to the opposite wall of the reactor room to the Reactor Output Distributor Panel
- 21. Connect all 5 breakers and observe the panels to your left booting up
- 22. Go to the main Battery Distributor to the left and connect all 8 breakers
- 23. Go upstairs to the Port Battery Array and observe the batteries charging
- 24. Head into the Maintenance Tunnels to the 2 Port Battery Aggregator Arrays and hit "CONNECT"
- 25. Repeat the Battery Aggregator Array Connections for the 3 other quadrants (Starboard, Forward and Aft)
- 26. Return to the lower floor of the Reactor Room
- 27. Find the Deck Distributor for the Forward Quadrant and connect all 7 decks
- 28. Repeat Step 27 for the other 3 quadrants
- 29. Find the G Deck Forward Quadrant Distributor and hit "CONNECT" the main lights should come on
- 30. Repeat step 29 for the other 3 quadrants
- 31. Go to the upper deck of the Reactor Room
- 32. Repeat the Quadrant Distributor Connections for all 4 quadrants on this deck
- 33. Go to the Bridge
- 34. Locate the A Deck Distributor in the Engineering Alcove of the Bridge
- 35. Connect the Bridge Lighting and Hardware and observe the Control Systems booting up