**RANGER instructions**



**Liquid nitrogen orders**

* When the RANGER level reaches 4 bars, it is time to request the refilling of the other dewar. **When the RANGER level reaches 2 bars, it is time to exchange the dewar.**
* The instructions to order liquid nitrogen « Liquid nitrogen order » are on the board next to the entrance to the control room. You have to order the « gran dewar »

**Exchange of the empty RANGER by a full one**

* Put on PPE (Gloves/Goggles/Corresponding clothes)
* Close valve W1 (LN2 In/Out)
* Loosen the brass nut
* Put the plastic cap on the W1 outline
* GENTLY toggle the Ranger on an inclined position
* Position the full Ranger in place of the empty one, the small casters must bear against the rear of the aluminum stop profile. Put it GENTLY in a vertical position
* Connect the transfer hose screwing the brass nut
* Open valve W1
* Verify:
  + Pressure 1.7 bars
  + No leak on the transfer