

Hull Unit Remote Control

APOS and HiPAP mk II support remote control of the Hull Unit Hoist and the Gate Valve. A new control unit for the hoist control and/or the gate valve is required. In addition this must be enabled in the HiPAP program. (Can be enabled or disabled individually on APOS operator stations.)

APOS will automatically display an icon in the toolbar for each hull unit that is available for remote control.

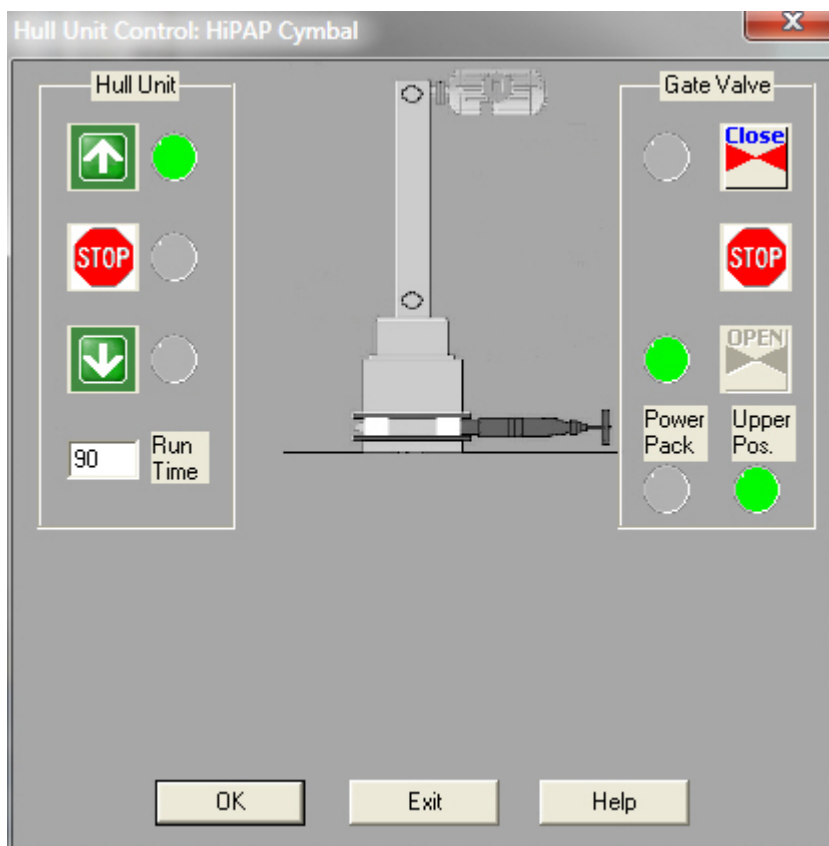


This icon is displayed when the hull unit is in the upper position.



Any other position changes the icon to red color.

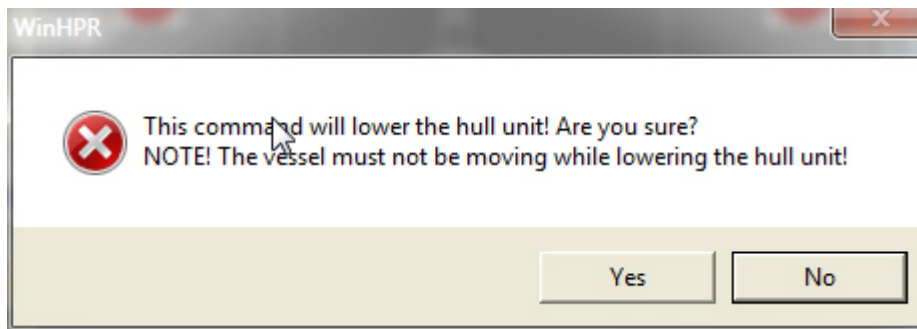
Press the icon to enter the control dialog:



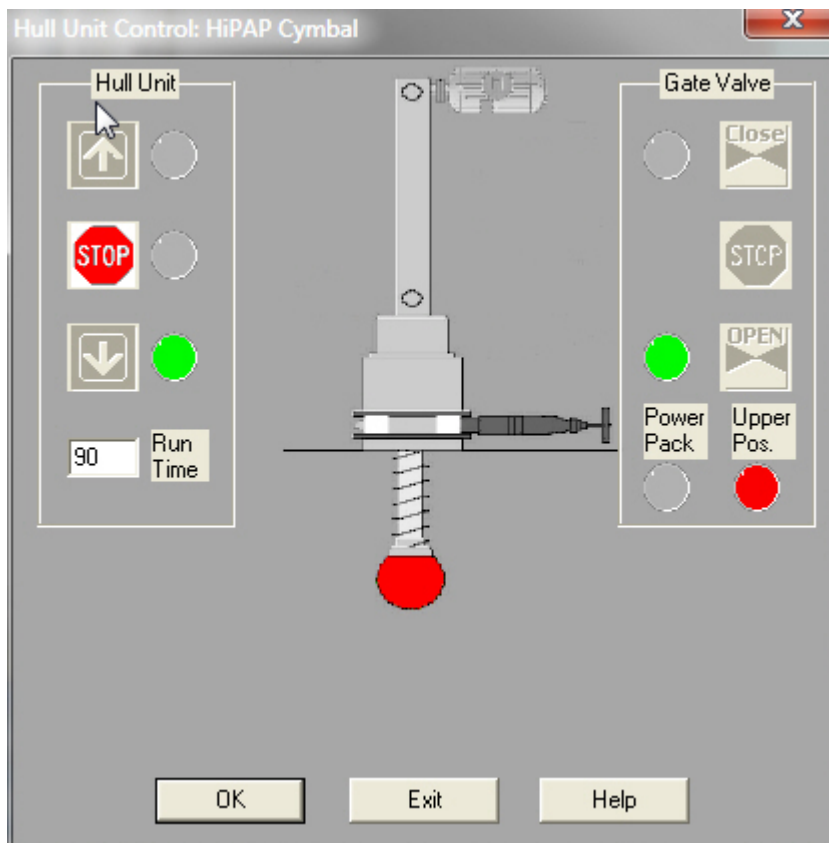
The dialog shows the hull unit in the upper position (left side of dialog) and the gate valve open.

In this case all buttons are enabled. One can either lower the hull unit or close the gate valve.

Pressing the down arrow for the hull unit will first show a warning dialog:



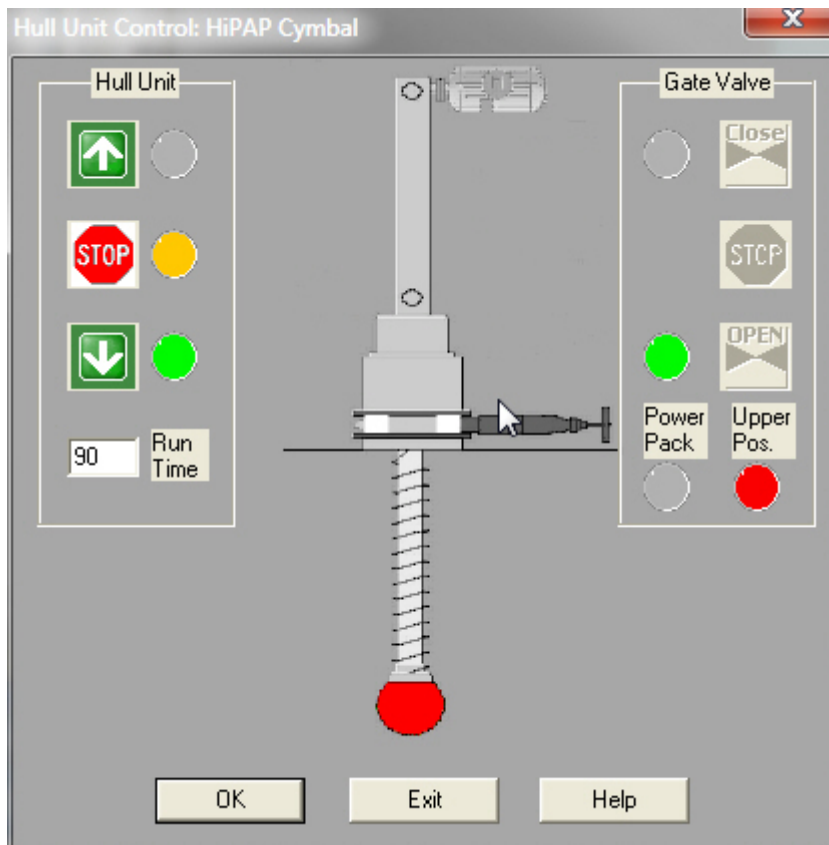
Pressing yes will start lowering the hull unit.



The indicator beside the down arrow will start flashing while the hull unit moves. The operation will take approximately 90 seconds for a standard hull unit. The hull unit in the middle will mimic the operation.

It is possible at any time to stop lowering/hoisting by pressing the Stop button. When the hull unit is lowered, the gate valve buttons are disabled.

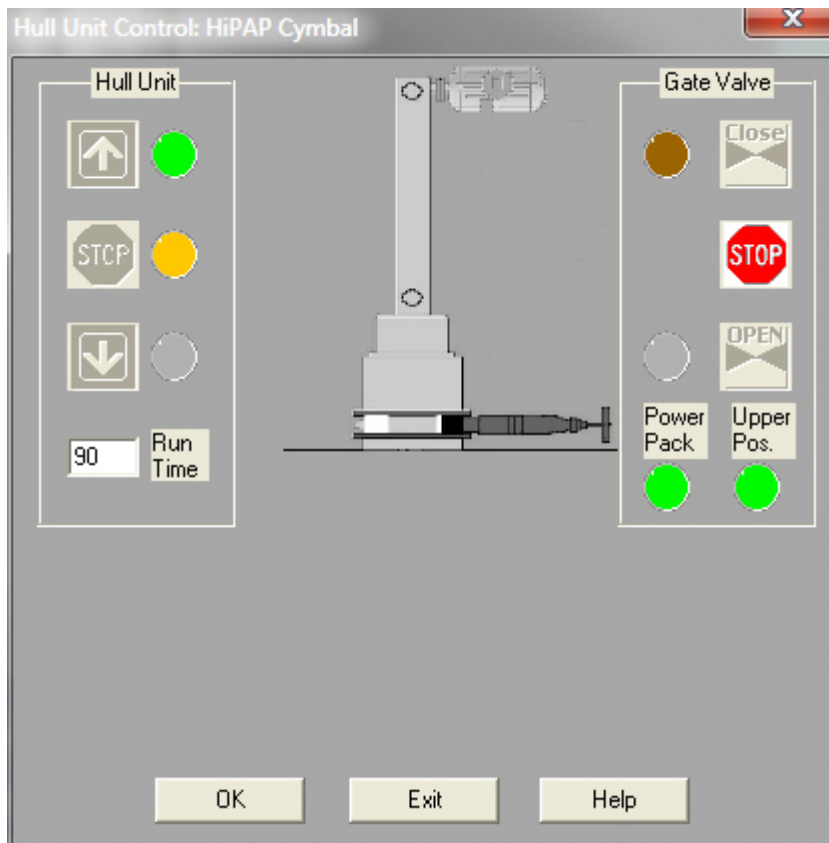
Fully extracted, the dialog will look as shown below:



An alarm may be given if the hull unit is extracted and the vessel starts moving, see [Hull Unit Alarm](#)

Gate Valve

When the hull unit is in the upper position, it is possible to close the gate valve.



Pressing the Close button will start the operation and the accompanying indicator will start to flash yellow. The hull unit Gate Valve in the middle will mimic the operation.

When the gate valve is not fully open, the hoist control buttons are disabled. The hull unit signal "Upper position" must be green before the close operation can start.

It is possible at any time to stop closing/opening by pressing the Stop button.

The gate valve must be fully open before the hull unit up/down buttons are enabled.