

13. DP Set-up Practical Assessment Skills Form (For Student)

Objective: This assessment is meant to assess the DP Simulator Course student on the minimum standards of competence, by a Nautical Institute approved instructor/assessor by observation of the demonstrable tasks according to the following table.

Notes:

- You will not use this form during the actual assessment nor any personal notes.
- You will be able to use scenario and vessel descriptions and the DP set-up checklist provided by the Training Centre.
- You must pass every item on the list below to be successful. If you do not pass this DP Set-up Practical Assessment you must repeat the Simulator Course.

Competence	Take control on the DP operator station	
	Tasks	Student notes
	1. Change the vessel manoeuvre switch from manual control to DP control (if available)	
	2. Take command on the DP operator station	
	3. Enable all propellers, thrusters and rudders available	
	4. Check available power	
Competence	Check/enable the sensors	
	1. Check/enable the gyro/compasses in accordance with the vessel's DP classification	
	2. Check/enable the wind sensors in accordance with the vessel's DP classification	
	3. Check/enable the motion sensors in accordance with the vessel's DP classification	
Competence	Enable position reference system(s)	
	1. Select/enable at least one reference system	
	2. Verify it is acquired by the system	
Competence	Change to DP joystick manual control mode	
	1. Select DP joystick manual control	
	2. Stabilise position and heading	
	Select DP joystick auto heading mode	
Competence	Change from DP joystick manual control to DP auto position control mode	
	1. Control the vessel using auto heading/yaw mode	
	2. Control the vessel using auto sway/athwart mode	
	3. Control the vessel using auto surge/alongship mode	
	4. Control the vessel in three axis' (DP auto position mode)	

Competence	Select and verify DP settings	
	<ol style="list-style-type: none"> 1. Selects an appropriate unit 2. Selects an appropriate coordinate system 3. Selects an appropriate gain setting 4. Set up warnings and alarms 5. Check if the power system configuration is in accordance with the vessel's DP classification 6. Check thrusters settings 	