



TASK BOOK REPORT FORM

Trainee DPO Details:

Name: _____ Date of birth: _____

CoC Number: _____ NI Logbook No.: _____

Mobile phone: _____ E-mail: _____

Vessel 1 Details:

Vessel: _____ DP System: _____

Date joined: _____ Date Left: _____

Vessel 2 Details:

Vessel: _____ DP System: _____

Date joined: _____ Date Left: _____

Vessel 3 Details:

Vessel: _____ DP System: _____

Date joined: _____ Date Left: _____

It is hereby declared that the Trainee DPO mentioned above has conducted the DP task / exercise as stated in the following table.

**Section 1. Familiarization** *[All candidates]. Compulsory tasks.*

Objective	Answer	Date	Certified DPO Signature and DP License no.
1.1 Find the information about the vessels DP equipment: Location, name, model, manufacture.			
DP console			
UPS			
Gyro compass			
Wind sensor			
VRS/MRU			
DGPS			
Microwave			
Acoustic			
Laser based			



Objective	Observations and details	Date	Certified DPO Signature and DP License no.
1.2. Documentation and DP procedures. Demonstrate knowledge of content and practical usage of following documents, manuals, and procedures.			
DP trials. Critical and major observation.			
FMEA. Critical and major observation.			
Worst Single Failure Scenario			
Capability Plots (Which wind direction relative to the vessel is the worst and how strong wind can the thrusters withstand)			
Vessel DP Operations manuals			
PRS Stations Operation Manuals			
Company QSMS. DP related procedures			
Complete DP setup Check List			
Complete DP watch hand over Check List			
Make entries in DP Log Book			
Create Approach plan and Emergency escape route for real DP operation			



Section 2. DP Functions. Test and use the different DP functions.			
Task	Detail information		Certified DPO Signature and DP License no.
2.1 Joystick control. [All candidates]. Compulsory tasks.			
Change heading in Joystick control	Initial HDG New HDG max ROT max Thruster load		
Change position in joystick control both surge and sway	When moving the vessel keep HDG stable. Distance in meters on SURGE Distance in meters on SWAY		
Check how gain settings effect on station keeping			
Keep the vessel heading and position steady on joystick control	Initial parameters. HDG Pos: Difference after 15 min HDG Pos: Max deviation. HDG Pos:		
Enable auto heading control and test change of heading with different set points	Initial HDG New HDG ROT set point max Thruster load	Initial HDG New HDG ROT set point max Thruster load	



Task	Detail information	Date	Certified DPO Signature and DP License no.
2.2.1 Auto Position Mode. [All candidates]. Compulsory tasks.			
Change heading in Auto Position Mode	Initial HDG New HDG ROT set point max Thruster load Elapsed Time:		
Change position in Auto Position Mode both surge and sway	Use two different Center of rotation. SURGE (m) SWAY (m) Max Thruster Load:		
Check DP current. Change HDG on 90° Check new DP current Compare parameters	Initial DP current New DP current Difference		
Change position and heading. Set different gain level. Repeat and compare parameters	Initial HDG New HDG SURGE (m) SWAY (m) ROT set point Speed set point max Thruster load Gain Level Time to complete		
What differences have You observe? Explain	Initial HDG New HDG SURGE (m) SWAY (m) ROT set point Speed set point max Thruster load Gain Level Time to complete		



Task	Detail information	Date	Certified DPO Signature and DP License no.
2.2.2 Auto Position Mode. <i>[All candidates]. Perform task in safe location with permissible circumstances.</i>			
Disable all <i>Wind sensors</i> . Observation time 10 min. Describe.	Type of alarm Max drift off Behavior of DP system after re-activation		
Disable all <i>Gyro sensors</i> . Observation time 5 min. Describe.	Type of alarm Max drift off Behavior of DP system after re-activation		
Disable all <i>MRU / VRU sensors</i> . Observation time 10 min. Describe.	Type of alarm Max drift off Behavior of DP system after re-activation		
Disable all <i>PRS</i> . Observation time 10 min. Describe.	Type of alarm Max drift off Behavior of DP system after re-activation		



Task	Detail information	Date	Certified DPO Signature and DP License no.
2.3 Auto Track Mode. [Candidates for Advanced operations]. Compulsory tasks.			
Create Auto Track route 6 WPs	Leg 1. Dist=___ Course=___; Leg 2. D=___ C=___ Leg 3. D=___ C=___; Leg 4. D=___ C=___ Leg 5. D=___ C=___;		
Start DP Auto Track Mode. Low speed High speed Move Up Describe difference			
Update strategy. Describe what available			
Move WP 4 Delete WP 5 Insert new WP on last Leg			
Offset from route in Auto Track mode Offset to Port 4m Offset to STBD 5m			
Test different rotation center settings			
Stop vessel in Auto Track mode			
Resume move in Auto Track mode			



Task	Detail information	Date	Certified DPO Signature and DP License no.
2.4 Follow Target Mode. [<i>Candidates for Advanced operations</i>]. Compulsory tasks.			
Describe target			
What Position reference can be used			
Position mode settings			
Reaction Limits settings			
Position Filter settings			
Acceleration and Retardation settings			
Rate Of Turn settings			
Single target or Multiple			
How You can change the <i>HDG</i> in Follow Target Mode			
How You can change the <i>Position</i> in Follow Target Mode			
How You can change the <i>Speed</i> in Follow Target Mode			



Section 3. Manual Control . [All candidates]. Compulsory tasks.

Task	Detail information	Date	Certified DPO Signature and DP License no.
Change from DP to Manual Control			
Perform Station keeping on Manual Control	Weather condition: Wind ___knots / ___° Current___knots / ___° MAX deviation from required position ___m MAX deviation from required HDG ___° MAX load on thrusters ___% Duration of exercise		
Change Position and HDG on Manual Control	Initial HDG New HDG Distance to new position MAX load on thrusters ___% Duration of exercise		
Perform Station keeping on Manual Control without ONE thruster <i>[Emergency control]</i> <i>Not compulsory</i>	Weather condition: Wind ___knots/___° Current___knots/___° Deactivated thruster MAX deviation from required position ___m MAX deviation from required HDG ___° MAX load on thrusters ___% Duration of exercise		



I hereby confirm that the DP Operator/trainee has shown an understanding through practical evidence of the tasks described in this document.

Head of training signature: _____

Head of training print name: _____

Head of training NI DP certificate No.: _____

Date: _____

Vessel's Stamp:

Lerus Training Stamp:



Section 4. DP Watch Keeping.

Please register all DP Watch keeping hours, i.e. the time in control of the DP system. A minimum of 270 hours are required. The required time may be reduced by 30% (81 hours), if you are attending a DPO Sea Time Reduction Course as stipulated in Lerus Training Manual (OP-1, paragraph 3.2.3).

DPO Sea Time Reduction Course

(If attended with name and signature of instructor, training centre stamp)

From date, to date. Conducted by

Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Total hours on DP						



Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Total hours on DP						



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Total hours on DP						



Section 5. Complete DP operations.

Instead of 270 hours of DP watch keeping, candidates for "Advanced Operation" exam may participate in 6 complete DP operations.

Please register all complete DP operations (Planning the DP operation, conducting and completion of the DP operation). The required amount operations may be reduced by 30% (2 operations), if you are attending a DPO Sea Time Reduction Course as stipulated in Lerus Training Manual (OP-1, paragraph 3.2.3).

DPO Sea Time Reduction Course

(If attended with name and signature of instructor, training centre stamp)

From date, to date. Conducted by

Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.

First Operation

<i>Operation limitations, weather conditions, restrictions and specific circumstances</i>	
<i>Operation planning: Blow on/off zone, approach plan. (Own report to be attached)</i>	
<i>Perform the operation: Details of set up, approach, performed operation, completion of operation, etc. (Copy of Vessel's DP log book to be attached)</i>	
<i>Summary of performed operation</i>	
<i>Candidate: _____ (Name)</i>	<i>Signature: _____</i>



Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Second Operation						
<p><i>Operation limitations, weather conditions, restrictions and specific circumstances</i></p>						
<p><i>Operation planning: Blow on/off zone, approach plan. (Own report to be attached)</i></p>						
<p><i>Perform the operation: Details of set up, approach, performed operation, completion of operation, etc. (Copy of Vessel's DP log book to be attached)</i></p>						
<p><i>Summary of performed operation</i></p>						
<p><i>Candidate: _____ (Name)</i></p>			<p><i>Signature: _____</i></p>			



Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Third Operation						
<i>Operation limitations, weather conditions, restrictions and specific circumstances</i>						
<i>Operation planning: Blow on/off zone, approach plan. (Own report to be attached)</i>						
<i>Perform the operation: Details of set up, approach, performed operation, completion of operation, etc. (Copy of Vessel's DP log book to be attached)</i>						
<i>Summary of performed operation</i>						
Candidate: _____ (Name)			Signature: _____			



Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Fourth Operation						
<i>Operation limitations, weather conditions, restrictions and specific circumstances</i>						
<i>Operation planning: Blow on/off zone, approach plan. (Own report to be attached)</i>						
<i>Perform the operation: Details of set up, approach, performed operation, completion of operation, etc. (Copy of Vessel's DP log book to be attached)</i>						
<i>Summary of performed operation</i>						
Candidate: _____ (Name)			Signature: _____			



Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Fifth Operation						
<p><i>Operation limitations, weather conditions, restrictions and specific circumstances</i></p>						
<p><i>Operation planning: Blow on/off zone, approach plan. (Own report to be attached)</i></p>						
<p><i>Perform the operation: Details of set up, approach, performed operation, completion of operation, etc. (Copy of Vessel's DP log book to be attached)</i></p>						
<p><i>Summary of performed operation</i></p>						
<p><i>Candidate: _____ (Name)</i></p>			<p><i>Signature: _____</i></p>			



Vessel Name	Type of DP operation	Date	Start Time	End Time	Hours on DP	DPO in charge signature and Cert. No.
Sixth Operation						
<i>Operation limitations, weather conditions, restrictions and specific circumstances</i>						
<i>Operation planning: Blow on/off zone, approach plan. (Own report to be attached)</i>						
<i>Perform the operation: Details of set up, approach, performed operation, completion of operation, etc. (Copy of Vessel's DP log book to be attached)</i>						
<i>Summary of performed operation</i>						
Candidate: _____ (Name)			Signature: _____			