

# DP operator Schemes in Asia

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## Agenda

- **DPO schemes in Market**
- **Advantage of Simulator based Assessment**
- **DPO Assessment & Evaluation**

## DPOs Certification schemes

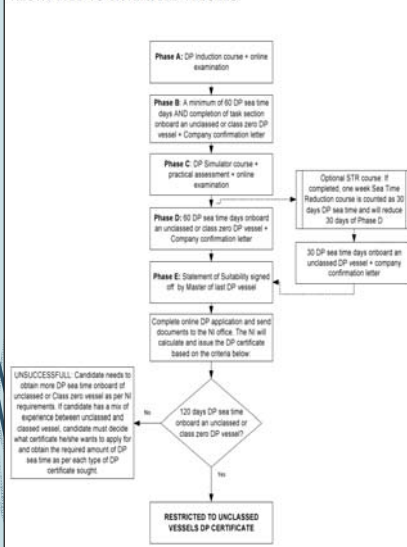


Scheme	Date
	established in <b>1972</b> 86 training providers
	established in <b>2012</b> 3 training providers
	Announced in <b>2014</b> 0 training providers

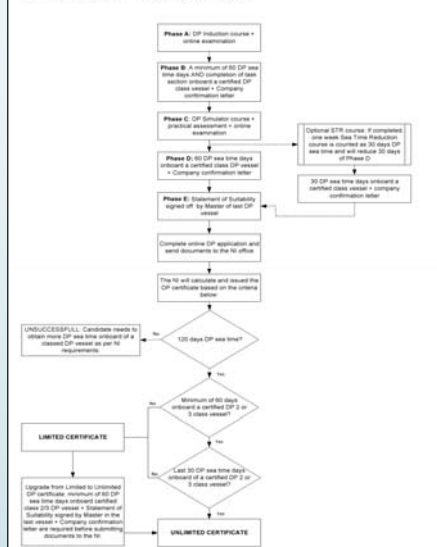
## NI DPOs Offshore Training scheme & Certification



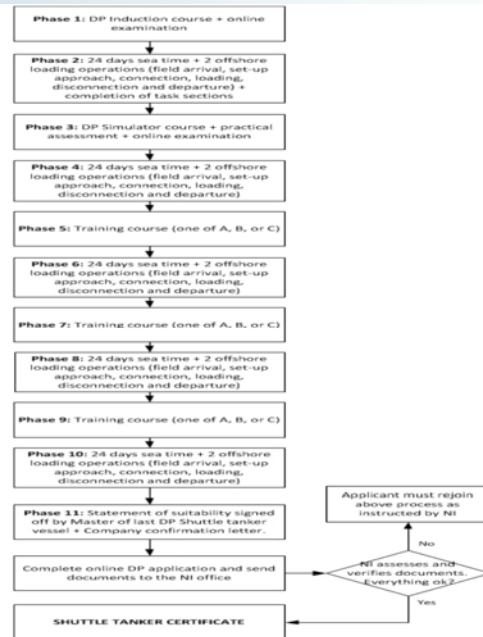
### RESTRICTED TO UNCLASSIFIED VESSELS



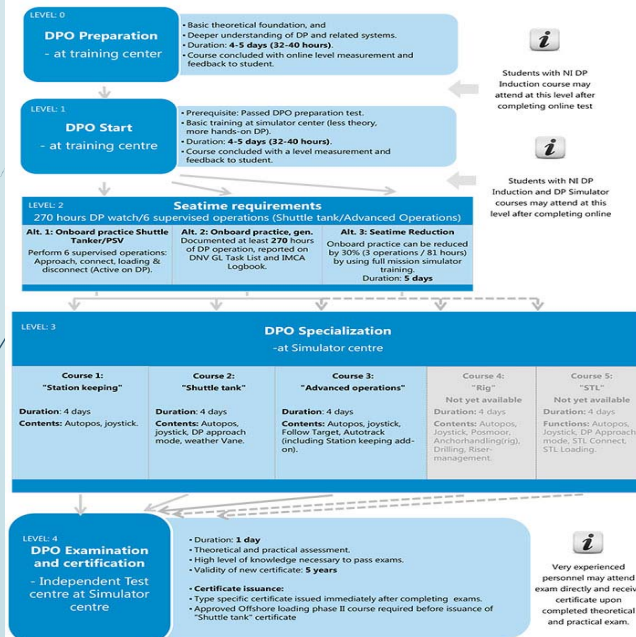
### LIMITED AND UNLIMITED DP CERTIFICATE



# NI DPOs Shuttle Tanker Training Scheme



# DNV DPOs Training & Certification Scheme



## DNV DPOs Training & Certification Scheme



Well the scheme certainly has the “faster throughput” advertised!

- You could complete the entire program from newbie to DPO in exactly 15 days, plus a few days of self study at level 0.
- Nowhere is there a requirement for any actual sea time except if you choose the 20 x 4hr of DP watch keeping at level 2.
- It is also handy that you can gain entry into the program using the NI scheme as a stepping stone. This could present a way for those stuck at the induction phase to get out of that rut & back on track to a full (type specific) ticket.

## OSVDPA - Phases



Phase	Description	Next phase/action
Phase 1	<b>Induction Course:</b> four days + a 60 question, multiple choice, test, 3 attempts	1) Score <80% - repeat <b>Phase 1</b> 2) Score >=80% - <b>Phase 2</b>
Phase 2	<b>Familiarization:</b> 30 days of Sea Time, 90 hours Practical Experience, Phase 2 Taskbook + assessment by any (OSVDPA or otherwise) certified DPO	<b>Phase 2</b>
Phase 3	<b>Simulator Course:</b> four days + simulator assessment, 3 attempts	1) <b>Class C DPO certificate</b> or/and 2) <b>Phase 4</b>
Phase 4	<b>Watchkeeping:</b> 60 days of Sea Time, 180 hours Practical Experience, Phase 4 Taskbook	Assessment on board the vessel by DPO or by training provider ( <b>Phase 4B or 4A</b> )
Phase 4B	Assessment if Phase 4 completed on board Unclassed DP or DP1 vessel	Application for <b>class B DPO certificate</b>
Phase 4A	Assessment if Phase 4 completed on board DP2/3 vessel	Application for <b>class A DPO certificate</b>
Phase 5	Upgrade from Class B to Class A DPO certificate: 30 days of Sea Time, 60 hours Practical Experience, Phase 5 Taskbook	Application for <b>class A DPO certificate</b>

## Why Assess?



### Assessment drives learning

- ❖ It provides opportunity for participants to gauge their own learning
- ❖ It also feeds back facilitators to tweak contents to meet learners' needs

*Am I following the class?*



*Are we teaching what we think are teaching?*

### Finally, are the course objectives met?

## Types of Assessments



**Diagnostic Assessment**

*BEFORE LEARNING*

**Formative Assessment**



*DURING LEARNING*

**Summative Assessment**



*AFTER LEARNING*

## Advantage of Simulator based Assessments



- 1) Increase safety through realistic training in a safe environment
  - Reduce accidents on personnel
  - Reduce operating costs due to less equipment damage
- 2) Planning and practice critical operations prior to mission



## Realism in Operations and Vessel Behavior



- Physical interaction of objects enhances realism
- Hydrodynamic vessel models represent true vessel behavior
- High visual fidelities ensures a highly realistic operational scene





# DPO Assessment @ Lerus Academy



## DP Competence Assessment Summary



### Assessment Summary

Theory & oral assessment (30% of overall result) ☐

Practical assessment (70% of overall result)

- Setup DP System (10) ☐
- Familiar with DP Controls (10) ☐
- Communications & Situation Monitoring (10) ☐
- Handling of DP faults (50) ☐
  - (Sensor -15) ☐
  - (PRS -10) ☐
  - (Thruster - 15) ☐
  - (Environ & Power -10) ☐
- Safety Performance & Contingencies Handling (20) ☐

### Overall Results

Theory & Oral (Combined)	Practical	Excellent (>84%)	Good (71-85%)	Average (56-70%)	Below Average (41-55%)	Fail (<40%)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The participant has **satisfactory/ not satisfactory** cleared the DP competence assessment. He is **suitable/ unsuitable** to take on DP operations.

Assessed by:  
Capt Tey, Senior Academy Instructor  
(Nt approved DP instructor)  
Date:

Participant Name & Signature: \_\_\_\_\_



# Thank You