

Competence 4

Operate a dynamic position system maintaining a vessel on station (if appropriate)

This meets the requirements of IMCA IMCA A01/B01 to B08

Candidate Name:		Date:	
Activity Number (1,2, or 3):			

Performance Criteria: all of these must be assessed over a minimum of 3 work activities

Type of Evidence: Observation (O), Work Product (P), Written (W), Questioning (Q), Not Covered (N/C) or Not Applicable (N/A)

	Performance Criteria	Type of Evidence
a)	Has a valid DPO certificate of training	
b)	Has a valid Bridge Watchkeeping certificate of training and record of competence as a Bridge Watchkeeper, if appropriate	
c)	Control of vessels movements about a set point using manual controls	
d)	Control of vessels movements about a set point using joystick controls	
e)	Switching and changing between systems i.e. between manual / joystick / DP	
f)	General understanding of the DP system installed on the vessel	
g)	Setting up the vessel on DP, understanding reasons for procedures	
h)	Ability to use DP panel whilst on DP	
i)	Use of desk facilities i.e. changing between display pages	
j)	Use and location of position reference input systems and vessel specific limitations	
k)	Use and location of sensor reference input systems such as gyros / VRUs / anemometers / other vessel specific	
l)	Power supplies for DP computers and thruster control units, including emergency power supplies	
m)	Alarm sequence and signals i.e. BOP controls & DP status lights etc	
n)	System configurations thruster / main engine / sensors expected in normal & emergency situations and if all changeovers are manual or automatic	
o)	Vessels power generation, distribution and propulsion, including fire and watertight subdivision	
p)	Understanding of functions operation, FMEAs and limitations of the vessel including vessel capability plots	
q)	Produce and use footprint plots	
r)	Use and understanding of the consequence analysis, both for present operation and for planning purposes	
s)	Effects of environment and operations on operating limits in conjunction with machinery set-up	
t)	Assessor - I have discussed the above performance criteria with the candidate and confirm that they have the underpinning knowledge to support their performance in these criteria	
u)	Candidate - write a short report (250 words max) on how you achieved these criteria over the 3 assessed work activities	

Witness name: (if applicable in assessment plan)		Date:	
Assessor name:		Date:	