

## Competence 7

**The ability to interpret tides and water column parameters**

*This meets the requirements of IMCA S/S31/000//10*

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)	Demonstrates knowledge of the effect of tidal and water column parameters (e.g. sound velocity) on survey sensors	
b)	Demonstrates knowledge of sound propagation and factors affecting its application to survey observations	
c)	Demonstrates the ability to assist in water column measurements	
d)	Demonstrates knowledge of factors affecting velocity	
e)	Demonstrates an understanding of the practical limitations on effective sonar range, including knowledge of the sonar equation	

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