

Competence 6

The ability to understand and use advanced data processing methods

This meets the requirements of IMCA S/S14/000//08/8.2 & 8.3

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 the ability to plan a processing workflow to meet project requirements	
b)	Demonstrates the ability to respond to processing requirements outside specified work scope	
c)	Demonstrates the ability to select/modify/specify processing algorithms to meet project requirements	
d)	Demonstrates the ability to verify the results of automated processes	
e)	Demonstrates the ability to identify software limitations in a project environment and clearly specify software modification	
f)	Demonstrates an advanced understanding of sensor data and ability to determine quality of logged sensor data	
g)	Demonstrates the ability to incorporate new/modified/upgraded software into the data processing system and brief/train processing personnel accordingly	
h)	Demonstrates the ability to recognise data outliers and relate these anomalies to sensor limitations or problems	
i)	Demonstrates an understanding of environmental factors that affect depth data and the impact these factors have on resulting data	
j)	Demonstrates an understanding of depth sensor configuration and the impact these factors have on resulting data	
k)	Demonstrates the ability to resolve errors in logged data to correct anomalies	

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