

<b>IQF Level</b>	2	<b>IQF Credit</b>	1
<b>Approved References</b>	Swiftwater Rescue by Robert Kauffman   RNLI Flood Rescue Manual   The Essential Technical Rescue Field Operations Guide (6th ed.) by Tom Pendley   Outreach Rescue Water & Flood Rescue Technician Manual   Rescue 3 Europe Swiftwater & Flood Rescue Technician Manual   Swiftwater Rescue by Slim Ray   PSI eGuide Swiftwater Rescue App   PSI Swiftwater Rescue Technician (SRTV®)   PSI Body Recovery from Water   DEFRA Flood Rescue Concept of Operations   JESIP Joint Doctrine Guide   RNLI Incident Command Training Manual		
<b>Special Notes</b>	The K or S in the unique identifier helps clarify whether the assessment objective is Knowledge or Skills respectively. i.e. MOD1DK01 is a Knowledge element.		

<b>Demonstrate knowledge of working safely near water</b>	<b>MOD1DK01</b>
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<b>Performance</b>	Describe a range of hazards associated with working near or in flood water and outline hazard controls to mitigate these.
<b>Standards</b>	At least 5 hazards are identified and strategies to control these are described, in accordance with approved references.
<b>Conditions</b>	From generic or specific scenarios (such as video case study or images).
<b>Comments</b>	

<b>Demonstrate knowledge of DEFRA training modules</b>	<b>MOD1DK02</b>
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<b>Performance</b>	Recall the the DEFRA training modules and their purpose.
<b>Standards</b>	Modules 1-7 and Team Commander (8) identified and their purpose explained, in accordance with the DEFRA Flood Rescue Concept of Operations.
<b>Conditions</b>	
<b>Comments</b>	Simple title and explanation only required i.e. Module 3 is technician for in-water contact rescues.

<b>Describe basic characteristics and hazards of the water environment</b>	<b>MOD1DK03</b>
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<b>Performance</b>	Describe basic characteristics and hazards of the water environment.
<b>Standards</b>	In accordance with approved references.
<b>Conditions</b>	Given characteristics and hazards specified in the the range statement.
<b>Comments</b>	Range: Water temperature; current/flow; pollution/contamination; public, bystanders; moral pressure; training; equipment; locks; weirs; ice, mud and other unstable surfaces; access; entrapment; debris; casualty (human and animal); noise; communications; visibility; time of day/year; tide; effects of weather; changeable water conditions (flow, depth etc); other water users, vessels.

Explain the defensive swimming position		MOD1DK04
Performance	Explain the purpose and technique of the defensive swimming position.	
Standards	In accordance with approved references.	
Conditions		
Comments		
Explain the concept of zoning near water at water rescue incidents		MOD1DK05
Performance	Explain the concept of zoning near water at water rescue incidents.	
Standards	In accordance with approved references.	
Conditions		
Comments	Three zones identified (hot, warm, cold), minimum PPE requirements for each identified, purpose and likely activity within respective zone explained.	
Demonstrate knowledge of medical considerations for water and flood rescue		MOD1DK06
Performance	Explain the human physiological response to entering cold water covering initial (short term) and progressive (long term) stages.	
Standards	Provides lay person explanation, in accordance with approved references and peer reviewed academic literature.	
Conditions		
Comments	Range: initial stage must include reflex gasping, uncontrollable breathing, rapid heart rate, peripheral vasoconstriction. Progressive stage must include hypothermia.	
Define and describe the process of drowning		MOD1DK07
Performance	Define and describe the process of drowning, and medical treatment of such.	
Standards	Provides lay person explanation, in accordance with approved references and peer reviewed academic literature.	
Conditions		
Comments	Drowning definition should be consistent with that established by the World Congress on Drowning.	
Identify the difficulties associated with rescues unstable surfaces		MOD1DK08
Performance	Identify the difficulties associated with rescues from ice, mud and other unstable surfaces and ways to manage these to enhance rescuer safety.	
Standards	Identifies at least one difficulty each for ice, mud and one other unstable surface (3 in total), relevant to water and flood rescue, and outlines a means to enhance rescuer safety respectively, in accordance with approved references.	
Conditions	Given a scenario for each.	
Comments	Other unstable surfaces may include, but not limited to: slippery surfaces, oil contaminants etc.	
Recall the limitations of non-water PPE being used in water environments		MOD1DK09
Performance	Recall the limitations of non-water PPE being used in water environments.	
Standards	At least one limitation for each PPE item is recalled, in accordance with approved references.	
Conditions	Given PPE range: helmets, breathing apparatus and clothing.	
Comments	Given consideration to temperature (cold), weight, self-rescue/recovery, water force, where applicable. National Fire Chiefs Council (NFCC) guidance on the use of SCBA in water rescue should be covered for agencies that use or access SCBA.	

<b>Identify and describe hydrological features common to flowing water.</b>		<b>MOD1DK10</b>
Performance	Identify and describe hydrological features common to flowing water.	
Standards	Simple lay person explanation given for each, in accordance with approved references.	
Conditions	Given illustrations or video of each feature to enable identification.	
Comments	Range: eddies, force of water, strainers, main current, helical flow, laminar flow, flood water, weir.	
<b>Recall the limitations of specified water PPE being used in water environments</b>		<b>MOD1DK11</b>
Performance	Identify range of water PPE and recall their limitations.	
Standards	At least one limitation for each PPE item is recalled, in accordance with approved references.	
Conditions	Given PPE range: life jackets, buoyancy aids, ancillary equipment.	
Comments		
<b>Demonstrate knowledge of night operation considerations for water and flood rescue</b>		<b>MOD1DK12</b>
Performance	Identify the limitations and hazards of conducting water rescue at night or darkened conditions.	
Standards	Identify at least one limitation and one hazard, in accordance with approved references.	
Conditions	Given a scenario or case study.	
Comments		
<b>Recall the low to high risk rescue methods model for water rescue</b>		<b>MOD1DK13</b>
Performance	Recall the low to high risk rescue methods model for water rescue	
Standards	Demonstrating an understanding of talk, reach and throw; and awareness of row and go methods in accordance with approved references.	
Conditions		
Comments	Also known as the "Rescue Formula" i.e. shout, reach, throw, go, don't go, change flow, helo.	
<b>Demonstrate knowledge of water rescue throwbags</b>		<b>MOD1DK14</b>
Performance	Explain the design, limitations, care and maintenance of water rescue throwbags.	
Standards	In accordance with approved references.	
Conditions		
Comments	Explanations may include, but not limited to: length, diameter, bucket or belt type, floating line rationale, rope type, accessories, inspection, biosecurity and decontamination, use of knots.	
<b>Demonstrate knowledge of signals and colour coding for water rescue</b>		<b>MOD1DK15</b>
Performance	Recall the meaning of signals and colour coding used in water rescue.	
Standards	In accordance with the DEFRA Flood Rescue Concept of Operations.	
Conditions		
Comments	Range: whistle blasts, hand signals, helmet colours, light stick colours.	
<b>Select, don, and doff water safety protective equipment</b>		<b>MOD1DS01</b>
Performance	Select , don and doff PFD and helmet suitable for flood work.	
Standards	In accordance with manufacturer instructions, approved references and organisational doctrine.	
Conditions	In a safe and dry environment (cold zone) and given suitable PPE for practical use.	
Comments	May include other PPE if required.	

**Prepare, throw, reset throw-bag for water rescue (dry)**

MOD1DS02

Performance	Throw twice, using in bag for first throw and loose coils for second throw.
Standards	Within 20 seconds, within 8-10m of victim, and in accordance with approved references and organisational doctrine.
Conditions	Using water rescue throwbag with floating line, in a safe dry (cold zone) environment.
Comments	No time limit to reset/re-stuff throwbag, but must be free of bunches/tangles. Candidate must signal to victim to gain attention prior to throw and give instructions for safe receiving and holding of rope.

**Receive throw-bag as victim during water rescue (dry)**

MOD1DS03

Performance	Receive throw-bag and correctly position rope on body to pendulum to shore.
Standards	In accordance with approved references and organisational doctrine.
Conditions	Using water rescue throwbag with floating line, in a safe dry (cold zone) environment.
Comments	

**Locate organisational doctrine for water safety and rescue**

MOD1DS04

Performance	Identify location of organisational doctrine for water safety and rescue
Standards	Policy and location identified.
Conditions	Given access to organisational doctrine.
Comments	This assessment task aims to ensure the candidate is aware of their organisation's policy or doctrine on water safety and rescue. This could include accessing and displaying their organisational policy, guidance, SOP on their mobile device etc. If the candidate's organisation does not have such doctrine, they may use a publicly available example of good practice.