

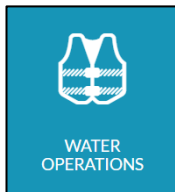


National Ambulance  
Resilience Unit  
**NARU**

# HART

## Water Operations

**Core capability:**



To place a specially trained and equipped NHS Paramedic alongside a patient in a water environment, such as flooding or swift water.

To effect patient clinical assessment and interventions as appropriate in a hazardous area, where normal ambulance operations cannot safely or effectively respond.

**Activities included:**

A comprehensive list of specific activities can be found in the SOP and TISs

- ✓ Swift water rescue
- ✓ Urban and rural flooding
- ✓ Boat operations (*\*familiarisation of working in and around boats and water vessels*)

**Activities NOT included:**



- X Coastal – surf rescue
- X Flooding in caves/mines/underground systems
- X Offshore operations
- X Powered craft (above 12 knots unless appropriate PPE is provided)
- X Independent boat operations (other than the use of approved rescue sleds)

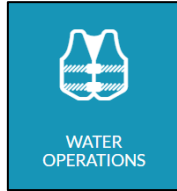
**Training requirements:**

**Refer to the Training Information Sheet(s) for the mandatory minimum requirements:**

- TIS NH10

**Minimum staff required for interoperable deployment:**

*\*This does not define the number of staff contractually required to be trained/competent; but sets the minimum required to declare the ability to deploy nationally (as reported in Proclus).*



**Water Operations**



- Green – WRT qualified (Water Rescue Technician DEFRA Level 3)
- Amber – SWNW qualified (Safe Working Near Water DEFRA Level 2)

<b>Activity specific equipment:</b>	<b>PPE:</b>	<b>EDS:</b>
	Boots - Water	00014
	Case – Airwave radio /waterproof	00028
	Drysuit	00038
	Gloves – Water neoprene	00053
	Helmet - Water	00066
	PFD ( <i>Personal Floatation Device</i> )	00082
	Radio – Airwave hand portable	00090
	Tally - Personal	00117
	Throwline - Personal	00119
	Whistle - Water	00131
	<b>Activity specific support equipment:</b>	
	Bag - Overnight (sleeping bag, rations etc)	00004
	Thermal - Base layers	00007
	Eye protection – Standard Bolle	00042
	Thermal – Skull cap	00100
	Belt Remote Monitoring Physiological	00133
	IGT - Camera Body Worn	00134
	<b>Enhancement for night/low light operations:</b>	<b>EDS:</b>
Light - Chemical light stick (Glow sticks)		00057
Light - Strobe/signal		00073
<b>Additional options for specific bank/boat/wading activities:</b>	Light - Torch / water	00124
	<b>EDS:</b>	
	Lifejacket - Automatic	00072
<b>Command &amp; Control support equipment:</b>	Wading pole - Telescopic	00092
	<b>EDS:</b>	
	Optics - Binoculars	00008
	Entry Control System	00044
	Loud Hailer	00075
	Tabbard - Command	00116
	Tape - Cordon	00118
	Camera - Digital	00019
	Whiteboard – A3 & Dry marker	00149
	Optics - Rangefinder STC	00091- STC
IGT - Back up voice units	00132	
IGT - Camera – Static deployable	00135	

	IGT - Data Mesh 3G/4G Sat kit	00136
	IGT - Drone (inc Camera)	00137
	IGT - Earpiece Radio Airwave	00138
	IGT - Generator - portable	00139
	IGT - Earpiece - Headset Radio Airwave	00140
	IGT - Printer - portable	00141
	IGT - Radio Airwave Hand Portable Intrinsically Safe	00142
	IGT - SatCom - portable	00143
	IGT - Screen Portable Briefing	00144
	IGT - Tablet Monitoring TL/ECO	00145
		<b>EDS:</b>
<b>Enhancement for night/low visibility operations:</b>	Light – Scene Peli 9440	00074
	Light – Torch / search handheld	00123
	Light – Eflare (led Safety Strobe)	00152
	Light - Waysafe	00153
	Optics – Night vision IR STC	00078 - STC
	Optics – Thermal imaging STC	00079 - STC
		<b>EDS:</b>
<b>Access and rescue support equipment:</b>	Rescue sled	00101
	Canyon line	00026
	Karabiners	00069
<b>Enhancement to casualty care:</b> <i>In addition to locally provided clinical equipment</i>	Bag - Waterproof	00006
	Blanket thermal	00009
	Board Extraction (spinal) Floating	00010
	Body bag - General	00011
	Case – Air/water tight (for drugs/clinical kit)	00027
	Oxygen Delivery System Frontline Mass (backpack)	00080
	Sheet carry – with handles	00097
	Sheet Ground/salvage	00098
	Shelter – Quick erect	00099
	Stretcher - Basket	00105
	Stretcher – MIBS	00108
<b>Decontamination:</b>	<b>Disposable goggles</b>	<b>TBC</b>
<b>Version control:</b>	DRAFT Capability Matrix Version 8.5 Revised February 2018	