

Safety Audit 2017 Report
Report by Head of Safety Management

Summary: This report gives details of the incidents reported from April 2017 to January 2018, including an analysis of data since 1993.

1 Introduction

1.1 The reporting period is from 1 April 2017 to the end of March 2018. The report is limited to the Broads Authority's area of marine responsibility. Notable incidents are listed below.

2 Summary of Incidents Reported

2017	Incident Details	Hazard Log Category
16/04	Fire on board an abandoned vessel.	Fire
16/4	Female sustains injury to leg – disembarked grounded vessel on Breydon Water.	Injury
24/4	Fire on unoccupied vessel moored at Broadlands Holiday Park, Oulton Broad.	Fire
4/5	Elderly Female fell from hire vessel into river. Taken to hospital, mild hypothermia. Resumed holiday same day.	Fallen in.
13/5	Female tripped while disembarking hire cruiser. Suspected broken wrist.	Embarkation/ Disembarkation
17/5	Female fell and slipped on a bank while disembarking. Suspected broken ankle. Rangers and air ambulance attended.	Embarkation/ Disembarkation
23/5	Coastguard attended a casualty on board a hire vessel with a suspected broken wrist. No further details.	Injury
25/6	Female fell into river Bure from hire vessel. Suffered chest pains. Taken to hospital.	Fallen In
27/6	17 yr. old fell overboard at Wroxham Broad. Sustained mild head injury. Attended hospital, released same day.	Fallen In
1/7	Coastguard and Hemsby Rescue extract casualty with head injury from hire vessel at Cockshoot mooring.	Injury
7/7	Hemsby Rescue and Fire Service attend a male fallen overboard at Salhouse. Assessed by ambulance service and returned to boat. Minor injuries.	Fallen In

8/7	Coastguard assisted Ambulance service to extract a casualty with a broken leg from a yacht. Transferred to hospital.	Injury
9/7	Male injured leg when he was sitting on front of day boat that collided with a cruiser. Made his own way to hospital.	Injury
15/7	Male fell into river at Womack Dyke. Female entered to rescue. Both recovered. Ambulance later took him to hospital when he became unconscious.	Fallen In
16/7	Female fell from hire boat while disembarking. Taken to hospital in taxi.	Embarkation/ Disembarkation
17/7	Coastguard and Hemsby Rescue assist Ambulance service – 89yr old female with leg bleed on bank of R. Thurne.	Injury
18/7	Canoeist suffers cardiac arrest in R. Waveney. Transported to hospital.	Medical
21/7	Coastguard and Ambulance attend female with breathing difficulties moored at Gays Staithe. Casualty remained on vessel.	Medical
24/7	86 yr. old woman fallen from a vessel and dislocated shoulder. Coastguard/Ambulance/Ranger attends. Transported to hospital.	Embarkation/ Disembarkation
1/8	Male fell from private vessel at Sutton Staithe. Transferred to hospital with possible broken cheek bone.	Fallen In
1/8	Female suffers damage to teeth after a collision between hire vessel and sailing vessel.	Injury
3/8	Female fell from hire vessel while mooring at Acle. Severe partial severed foot sustained due to foot in propeller.	Injury
3/8	Person on board a trip boat suffered a stroke in the Horning area. Transferred to Hospital.	Medical
8/8	Child fallen in river Wensum at Norwich Yacht Station. No injuries.	Fallen In
9/8	Female injures ankle disembarking hire vessel in Wroxham. Taxi to hospital.	Embarkation/ Disembarkation
24/8	15 yr. old fell in whilst mooring at Norwich Yacht Station. No injuries.	Fallen In
25/8	Male had a seizure and struggling for breath on board hire boat, R. Bure.	Medical
26/8	Female tripped and fell in river at Reedham Quay. No Injuries.	Fallen In
29/8	Male fell into river Bure at Acle whilst walking his dog. Minor injuries.	Fallen In
01/09	Person fell on hire vessel – broken leg.	Injury
03/09	Elderly male unconscious on hire vessel.	Injury

03/09	Female fell in hire vessel. Back injuries.	Injury
05/09	Woman rescued from R Wensum at Norwich Yacht Station.	Fallen In
07/09	Male with chest pains.	Medical
09/09	Male with Heart Attack on hire vessel.	Fatality
09/09	Person fell into water from vessel banged head refused treatment.	Fallen in
19/09	Female fell whilst mooring – broken arm.	Injury
01/10	Vulnerable person in river.	Jumped in
05/10	Female fell in vessel - numerous injuries.	Injury
05/10	Female fell – Head injuries.	Injury
17/10	Male fell from day boat.	Injury
31/10	Child fell into river from vessel – recovered.	Fallen in
02/11	Person fell from vessel from mooring.	Fallen in
25/11	Person fell into river whilst walking.	Fallen in
30/11	Woman jumped into river at NYS refused to get out. Weather and water very cold.	Jumped in
21/12	Male suffered hernia whilst walking by river.	Injury
04/01/18	Man fell into river boarding vessel.	Disembarkation
09/01	Vessel fire. R Yare. No injuries.	Fire
07/02	Man jumped in to river at Fye Bridge St.	Jumped in
10/03	Female with severe infection on hire boat at Irstead. Ambulance attended	Medical
10/03	Suicidal female in water at Wroxham. Police and CG in attendance	Jumped in
14/03	Body of female found in river at Beccles. Police, ambulance and CG attended	Unexplained death
29/03	Male jumped into river at Hoveton. Police attended, mental health issues	Jumped in
30/03	Female slipped on uneven quay heading at Ranworth and fell in. Minor bruising.	Fallen in

3 Conclusion

- 3.1 The incidents to date do not appear to be dissimilar to those presented in previous years. Records show that incidents requiring medical treatment have increased.
- 3.2 As with previous years evidence suggests that disembarkation and falling in remains to be the main area of activity which results in injury and potential for drowning.

4 Looking Forward

- 4.1 The National Water Safety Forum's UK Drowning Prevention Strategy was launched in 2016 at Westminster which calls for organisations to work together to deliver safety messages and encourage participation. The strategy aims to reduce accidental drowning in the UK by 50% by 2026

- 4.2 The Broads Authority will work with stakeholder groups to assist in the delivery of the strategy initially to continue to promote the “Wear it” campaign and to raise awareness of everyday risk in, on and around water by sharing information.
- 4.3 The Authority is currently working with the RNLI, Lowland Search and Rescue and Broadsbeat to help a launch of the RNLI Community responder programme.
- 4.4 There will be 12 Super Safety Days and Evenings this year where Rangers will provide information and advice on Carbon Monoxide, Tolls, Life jackets, and general safety related issues.
- 4.5 Following the recent Boat Safety Management Group meeting where this report was debated it has been requested that future reports include specific details that relate to “anti-social behaviour” incidents.

Background papers:	Previous annual incident reports
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Date of report:	9 April 2018
Appendices:	Appendix 1 – Table 1 Analysis of Death/Injuries Since 1993 Appendix 2 – Table 2 Analysis of Fire and Explosions Since 1993

TABLE 1
Analysis of Death/Injuries Since 1993

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
Death																											
No of deaths on or from boats	2	2	3	1	1	3	2	1	3	2	6	0	0	2	0	0	0	2	4	2	0	2	1	5	1		
Reported deaths not related to boating	1	3	4	-	2	1	4	4	2	3	1	0	7	2	1	1	3	3	3	8	2	5	4	2	1		
Cause of death																											
Severe injury	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		
Heart Attack	0	2	0	0	0	0	1	1	0	1	0	0	0	1	0	1	2	2	1	5	0	1	1	3	1		
Drowning	0	1	2	1	0	4	5	1	3	3	5	0	4	3	0	0	0	1	3	2	0	5	3	0	0		
Asphyxiation/CO poisoning	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0		
Terminal Illness																			1	0	0	0	0	0	0		
Not Known	0	2	4	0	2	0	0	1	0	0	2	0	3	0	1	0	1	2	2	0	0	1	0	2	1		
Reports of people inadvertently entering in the water See footnote.	0	0	3	2	4	8	2	5	1	4	15	16	12	23	29	17	34	20	17	18	12	22	19	21	12		
No of persons reported as requiring hospital treatment	0	0	0	9	8	7	9	8	7	7	18	2	4	13	12	11	22	30	17	15	19	14	13	30	36		
Nature of injuries																											
Head	0	0	2	0	4	1	3	2	1	1	1	1	3	1	1	5	3	3	1	3	3		2	7	3		
Arm/hand	0	0	2	1	6	0	0	1	3	1	1	1	0	1	6	4	1	4	4	2	4	1	0	3	4		
Leg/foot	0	0	3	5	4	2	4	1	2	2	2	2	1	3	7	5	7	8	3	6	4	3	4	9	8		
Torso, ribs, chest, back	0	0	1	0	2	0	1	4	1	1	2	0	1	4	3	0	2	4	2	0	2	2	2	1	5		
Not described	0	0	1	1	0	0	0	0	0	0	10	2	1	4	0	0	8	10	2	2	5	1	4	6	12		
Asphyxiated/CO poisoning	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0		
Burns/Scalds	0	0	0	1	1	4	1	1	0	2	1	0	0	1	1	0	1	2	1		1	2	0	0	0		
Heart attack																			3	5	1	2	1	5	3		

Footnote: Reports where someone inadvertently found themselves in the water. It does not include capsizes of sailing dinghies etc., or from any other contact water sports where entry into the water is predictable.

TABLE 2**Analysis of Fire and Explosions Since 1993**

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Number of incidents	2	4	7	2	5	4	6	3	4	2	2	0	2	22	8	4	4	3	3	1	1	1	0	2	2
Vessels involved (Private)	2	3	5	1	3	4	3	2	2	2	1	0	1	18	10	4	2	2	2	1	1	3	0	1	2
Vessels involved (Hire)	0	0	3	1	2	0	3	1	2	0	1	0	1	4	1	0	2	1	1	0	0	0	0	1	0
Prime cause LPG	0	0	2	0	0	2	0	1	1	0	2	0	0	0	1	0	0	1	0	0	1	0	0	0	0
Prime cause Petrol	0	2	2	0	1	1	1	0	0	1	0	0	0	1	2	0	0	0	2	1	0	1	0	0	0
Prime cause Electrical	1	0	0	0	2	0	0	1	1	1	0	0	1	0	1	2	2	1	1	0	0	0	0	1	0
Prime cause Other	1	1	3	2	2	1	5	1	2	0	0	0	1	21	4	2	2	1	0	0	0	2	0	1	2
No of vessels total loss	0	1	3	1	2	0	1	2	2	2	0	0	0	20	6	2	1	0	2	1	0	0	0	0	1
No of injuries from fires requiring hospital treatment	0	1	2	0	1	3	1	0	0	2	2	0	0	1	1	0	0	2	1	0	1	0	0	0	0
No of fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0