

Safety Audit 2015 Report
Report by Head of Safety Management

Summary: This report gives details of the incidents reported during 2015 from April 2015 to March 2016, including an analysis of deaths and personal injury since 1993.

1 Introduction

- 1.1 The reporting period is from 1 April 2015 to end March 2016. The report is limited to the Broads Authority's area of marine responsibility. Notable incidents are listed below.

2 Summary of Incidents Reported

2015	Incident Details	Hazard Log Category
3/4	Teenage boy fell in when marker post he was leaning on broke	Fallen in
4/4	Woman in Mautby area up to waist in mud when she went in to rescue dog	Fallen in
18/4	Lady injured when jumping ashore	Disembarkation
4/5	Woman fell in when disembarking at Potter Heigham, wearing lifejacket	Disembarkation
4/5	Male fell in at Potter Heigham	Disembarkation
9/5	Woman suffered heart attack and fell in. Died next day in hospital	Disembarkation
14/5	Lady fell in at Stracey Arms	Disembarkation
19/5	Woman broke knee and dislocated shoulder jumping ashore to moor	Disembarkation
28/5	Lad fell in while mooring at Yarmouth	Disembarkation
1/6	Cruiser stuck under low rail bridge	Bridges
26/6	Lad fell in while mooring at Marina Keys	Disembarkation
4/7	Ranger recovers two crew from capsized dinghy	Capsize
5/7	Male fell down steps while boarding. Suspected broken shoulder/collar bone	Embarkation
5/7	Male tripped over water hose and fell in at Oulton Broad	Fallen in
6/7	Woman fell between dayboat and quay while mooring at Commissioners Cut	Disembarkation
10/7	Lady fell in while fending off yacht about to strike her boat	Collision

12/7	Male untying rope slipped and fell in at Norwich	Disembarkation
12/7	Male jumping ashore to moor at Yarmouth missed and fell in	Disembarkation
24/7	Lady on deck tripped on loose rope and fell from hire cruiser in Potter Heigham	Disembarkation
30/7	Cruiser stuck under Vauxhall Bridge	Bridges
4/8	Cruiser strikes Vauxhall Bridge	Bridges
4/8	Ranger recovers 4 people (incl 2 children) when their canoes capsized	Capsize
12/8	Two young people drowned at Thorpe Marshes *	Fatality
15/8	Man suffers head injuries when head is trapped between superstructure and bridge. Vauxhall Bridge Great Yarmouth	Collision with low bridge
18/8	Cruiser stuck under Beccles Bridge	Bridges
25/9	Emergency services attend a fatality at Norfolk Broads Yacht Club Wroxham Male was killed when the mast he was lowering single handed fell on him and crushed him**	Fatality
27/9	Man fell in at Reedham layby mooring and unable to climb out as no ladder. Rescued by passing craft	Disembarkation
12/10	Man fell in at Brundall boatyard. Recovered to hospital	Disembarkation
28/8	Woman caught leg between boats while mooring.	Disembarkation
5/12	Male suicide at Carrow Bridge	Fatality
2016 31/3	Male falls in whilst mooring at Yarmouth Yacht station	Disembarkation

* This incident is not within the area of navigation responsibility of the Broads Authority however Rangers and staff did attend and assist the emergency services.

** This incident is not within the area of navigation responsibility of the Broads Authority however given the incident was boat related and Rangers attended it was considered worthy of reporting.

3 Conclusion

- 3.1 The incidents to date do not appear to be dissimilar to those in presented in previous years.
- 3.2 As with previous years evidence suggests that embarkation and disembarkation remains to be the main area of activity which results in injury and potential for drowning. Collisions with bridges have also been a factor this year and vessels involved have sustained significant damage although only one injury reported.

- 3.3 There have been no boating related fires reported this year which should be viewed positively. The Rangers will be disseminating information on fire safety during the National Boat Fire Safety week which runs from 30th May 2016.

4 Looking Forward

- 4.1 The National Water Safety Forum's UK Drowning Prevention Strategy was launched early this year 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 Norfolk Fire and Rescue and 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.

Background papers: None

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Broads Plan Objectives: NA4

Appendices: Table 1 – Analysis of Death/ Injuries 1993
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
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	2**
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	3*
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
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
Drowning	0	1	2	1	0	4	5	1	3	3	5	0	4	3	0	0	0	1	3	2	0	5	3
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
Terminal Illness																			1	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
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
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
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
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
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
Torso, ribs, chest, back	0	0	1	0	2	0	1	4	1	1	2	0	1	4	3	0	2	4	2		2	2	2
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
Asphyxiated/CO poisoning	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	2	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
Heart attack																			3	5	1	2	1

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
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
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
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
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
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
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
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
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
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
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