

(Almost) 200 Years of Data at the RNLI

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The RNLI: The charity that saves lives at sea since 1824.

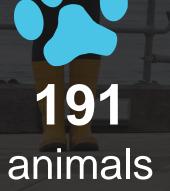




The RNLI in Numbers (2021 figures)



95% of RNLI people are volunteers



rescued



53,665 people rescued



1.72M

Average weekly viewers of RNLI TV shows



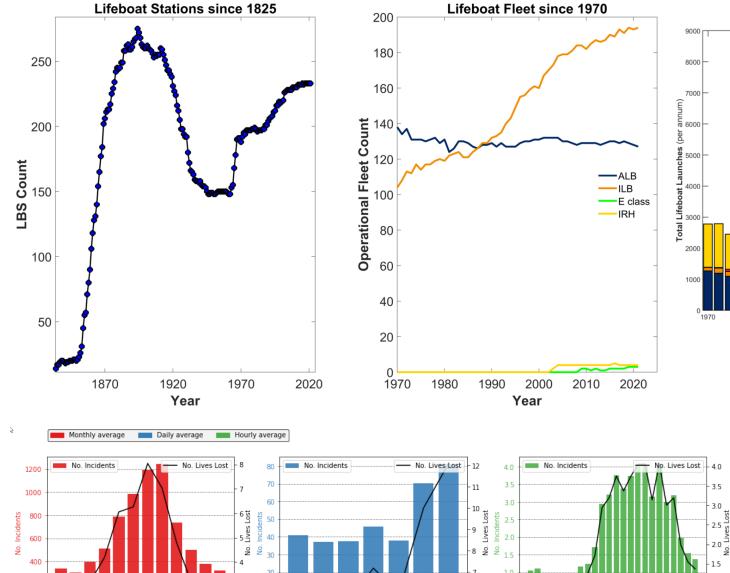


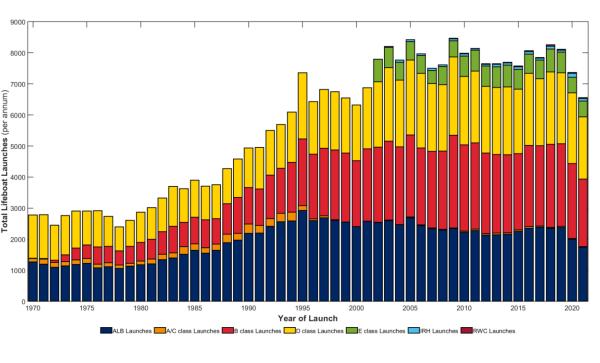
27.5M

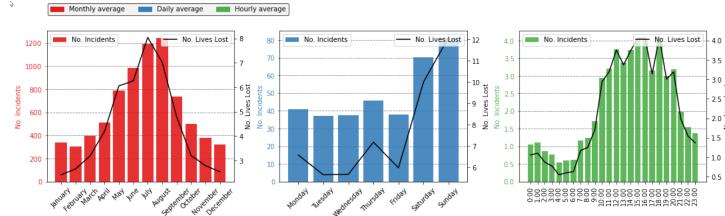
People reached with water safety messages

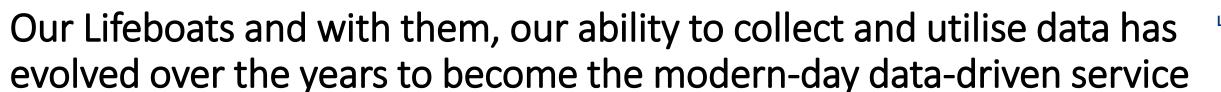
Exploring the RNLI through Data









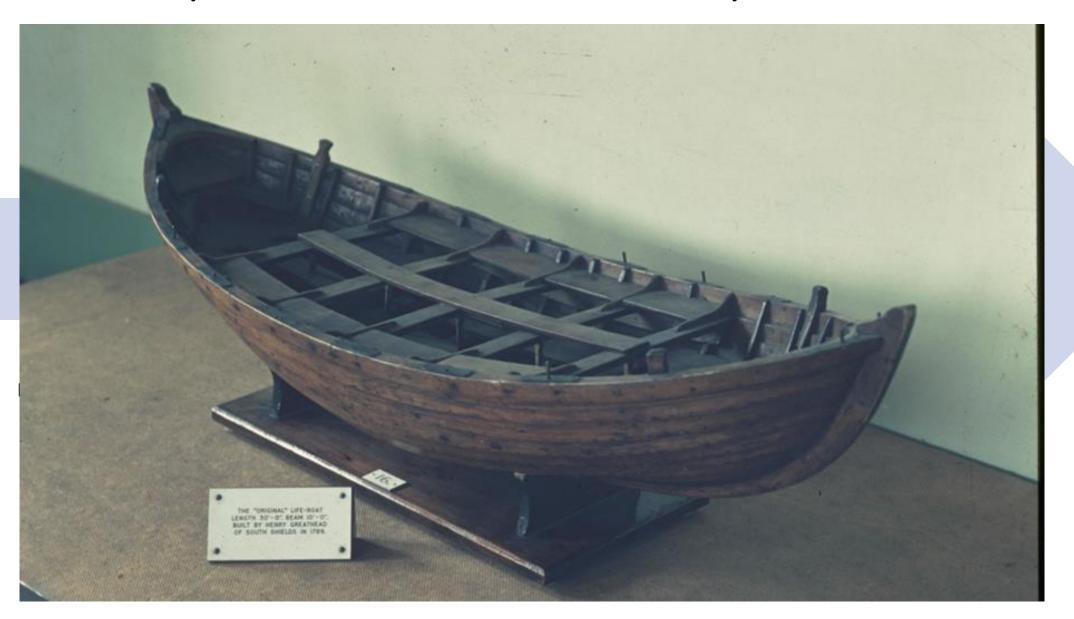


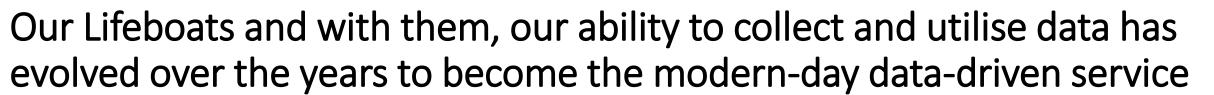




Our Lifeboats and with them, our ability to collect and utilise data has evolved over the years to become the modern-day data-driven service

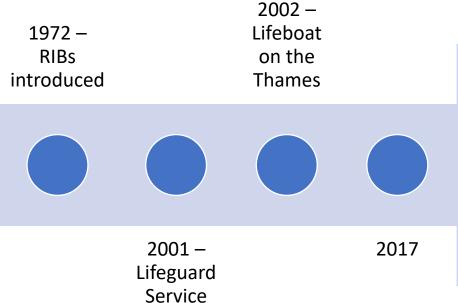
1785 – The first lifeboats











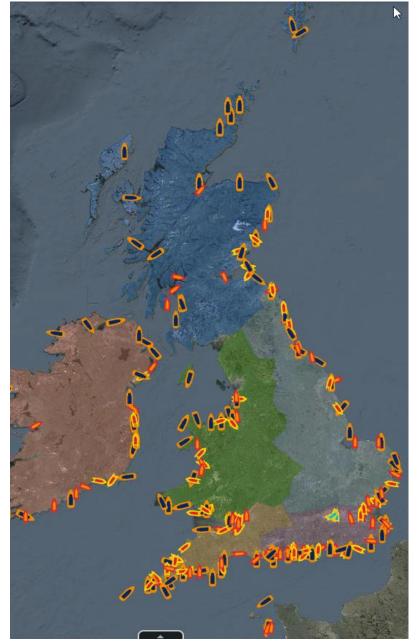


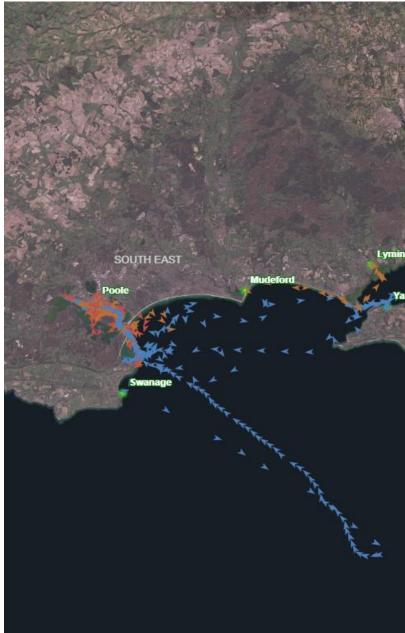
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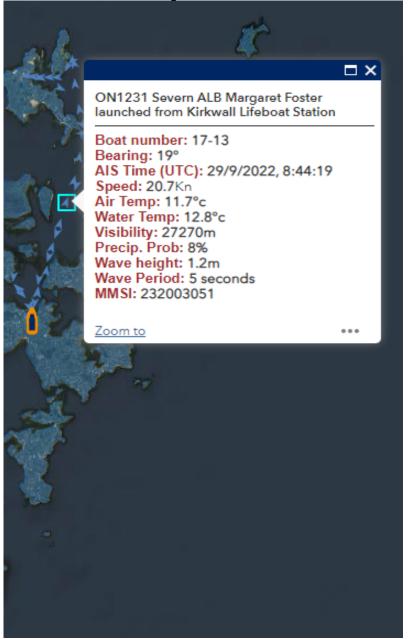




2017 – Shannon enters the fleet But what does this mean for RNLI Data analytics?





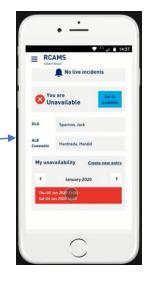


Improving our paging system to get real-time insights

The 1800s – 1990s

Howth Coxswain in 1944 firing an explosive maroon to alert the crew



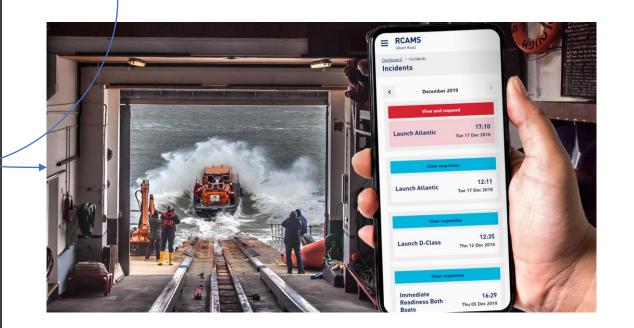


2017 – Present.

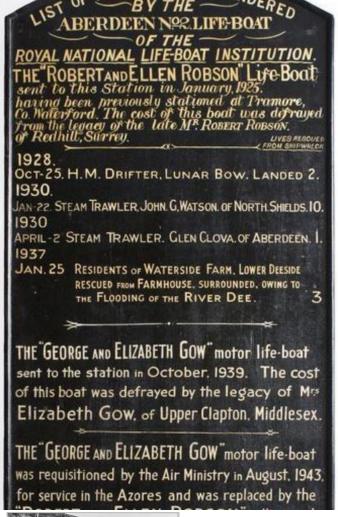
Smartphone App
to support pagers
and enrich data



1990s - Present. The RNLI Pager

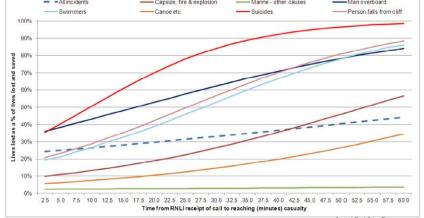


And our predictive capabilities to save the most lives



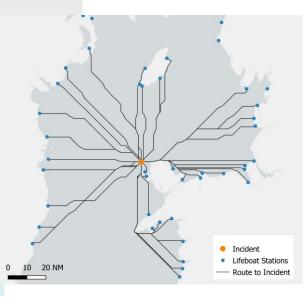


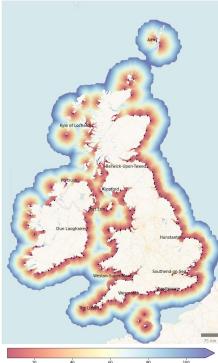




Report: Station Operational Statistics









Data and our data literacy has significantly advanced in recent years and we are utilising this to save lives









Looking Forward to what's next: Digitising our Beaches



Looking Forward to what's next: Digitising our Beaches

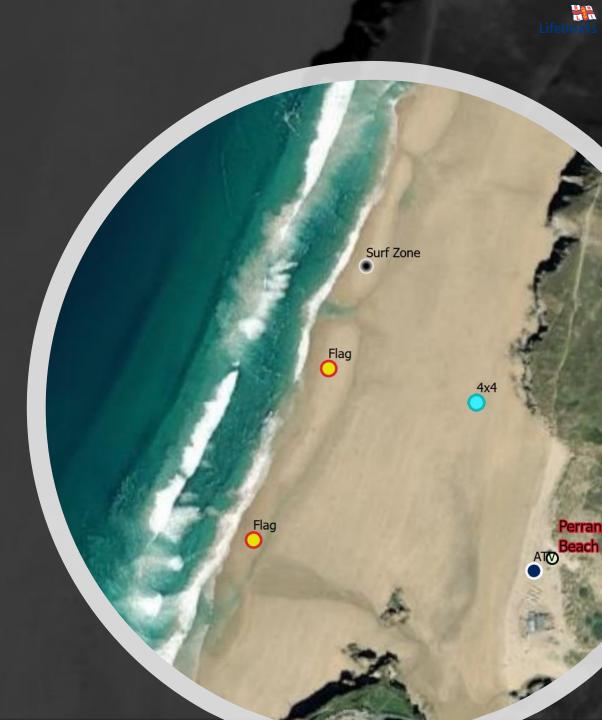
And how we track our Search and Rescue Equipment across beaches

RED FLAG

Small, solar-powered GNSS trackers to capture live locations of flags and assets from our lifeguarded beaches

Can pick out a Red Flag and push to RNLI.org to direct people to an open beach









We are also passionate about giving back to the wider analytical community via our Open Data repository, powered by ArcGIS Hub, which is available for public use under a creative license for not-forprofit reasons. Access this at:

• https://data-rnli.opendata.arc
gis.com

