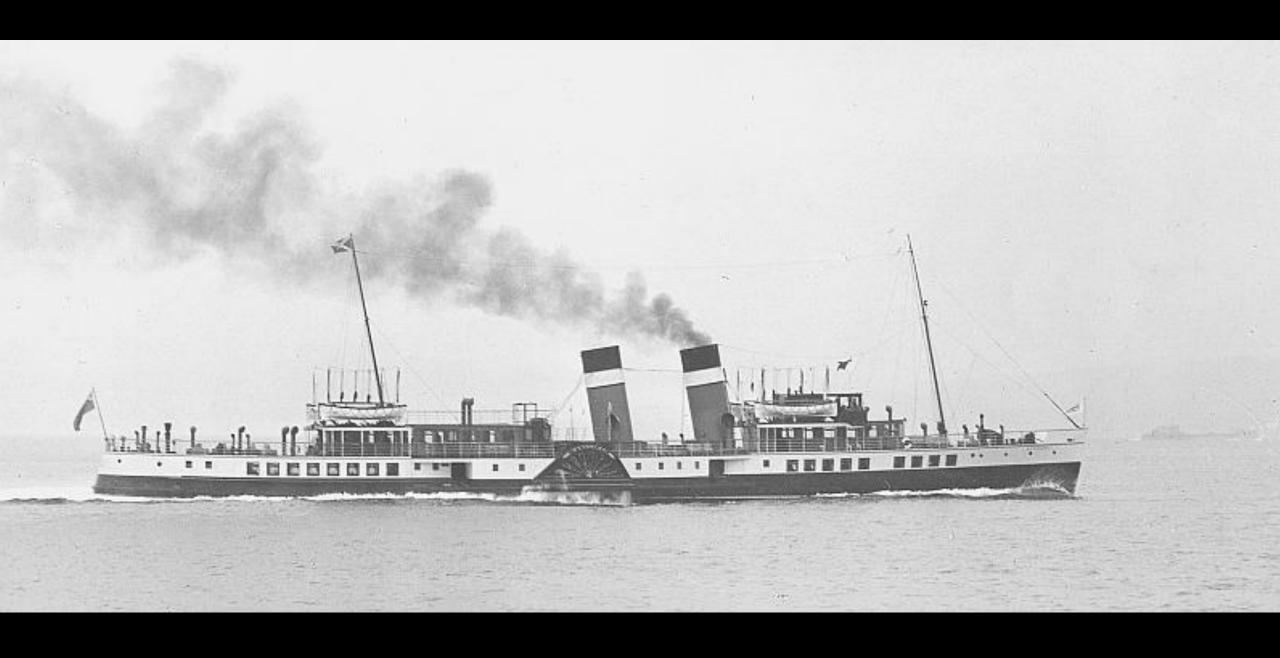
Fuelling Paddle Steamer Waverley

Paul Semple General Manager Waverley Excursions Ltd.





Sea trials – 1947 – Coal Fired



1960s – Heavy Fuel Oil



1975 – Ist Public Sailing in Preservation



Late 1970s



1981 – 1st Re-Boilering







Waverley's Triple Expansion Engine



2000 – Heritage Rebuild Phase I



Twin boilers since 2000



Heritage Rebuild Phase 2 - 2003



Burned only Marine Gas Oil since 2018



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- Over 100,000 passenger journeys recorded annually
- Waverley operates on the Firth of Clyde, Oban and West Coast,
 Liverpool / North Wales, Bristol Channel, South Coast and Thames





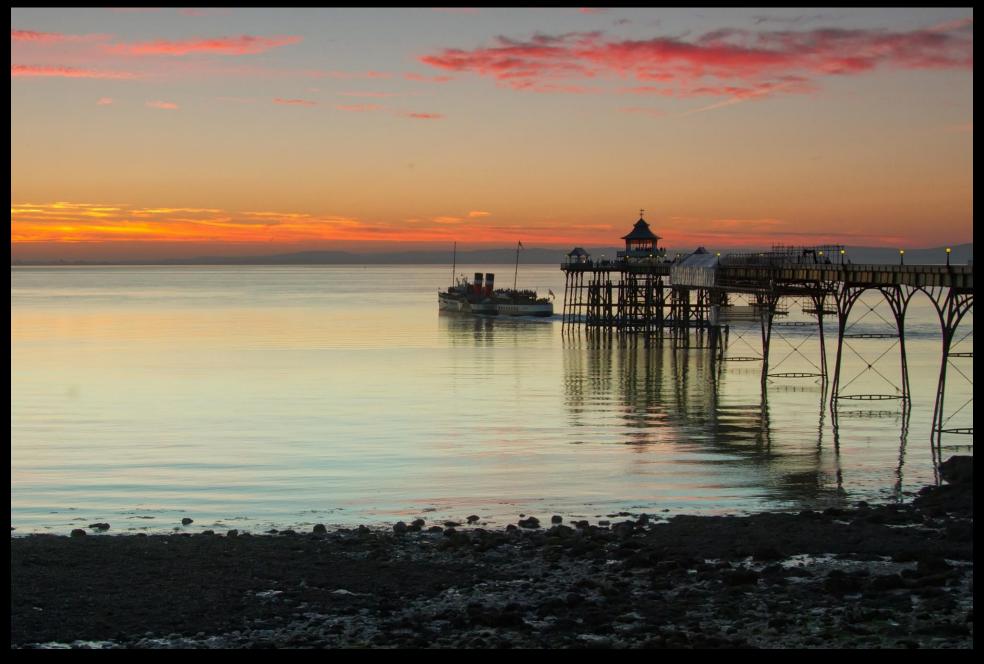
Dunoon - Firth of Clyde



Skye



Isle of Wight



Clevedon – Bristol Channel



Tower Bridge



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- Crew of 25 who live aboard the vessel for the full season single largest cost to the operation
- Fuel is the second largest cost over £400,000 in 2018
- Fares for the season are normally set in spring but the cost of fuel can only be estimated – a fuel surcharge has been added in the past





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- Limited piers to take on fuel, particularly when away from the Clyde
- At some locations fuel can only be taken on from a barge rather than road tanker

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- New boilers fitted in 2020, not expected to see any reduction in fuel costs
- Reduction in Sulphur emissions since 2018 with use of Marine Gas_Oil



Fuelling Station — in aft funnel



Whitstable



Ilfracombe





January 2020



January 2020



April 2020



August 2020



