

Kim Klaka

Sailing c.v

Formal sailing qualifications:

- International Certificate for Operators of Pleasure Craft Cert. No. 342196, RYA, UK
- Yachting Australia National Equipment Auditor, August 2018 – 2023
- Yachting Australia Keelboat Instructor Level 2, 2013-18
- Yacht Safety & Survival Course, 2012-17. Cert no: 58598
- Senior First Aid Certificate, current
- Coxswain Restricted, 2009-2014
- WA Recreational Skipper's Ticket, 2006
- Restricted Radiotelephone Operator's Certificate (HF and VHF), 1997 TAFE
- Small Pleasure Vessel Safety Certificate, 1996 TAFE
- Yachtmaster Offshore Certificate, 1983 RYA, UK

Sailing club memberships:

Wanderers Radio Sailing Club 2022- present day
 Kimberley Coast Cruising Yacht Club 2015 – present day
 Fremantle SC 1995 - present day.
 South of Perth YC 1988 - 1995
 Marchwood YC (UK) 1981 - 1986
 Royal Ocean Racing Club (UK) 1979 - 1987
 Holyhead SC (UK) 1964 - 1974

Sailing experience

Regular crew since 1966, regular skipper since 1975, Monohull and multihull yachts from 6m to 13m LOA. Geographical coverage includes Atlantic Ocean, Indian Ocean, West and East coasts of Australia, Irish Sea, English Channel, Mediterranean Sea, Red Sea, Baltic Sea.

Racing Offshore:

5,000M overnight races 1966 - 1984.

| voyage | distance | year | Vessel length | position |
|-----------------------|----------|-------------|---------------|----------|
| Naturaliste Race | 200 | 1984 | 13m | crew |
| Approx. 10 RORC races | 2000 | 1974 - 1981 | 11m | crew |
| Approx 4 RORC races | 800 | 1979-1981 | 11m | skipper |

| | | | | |
|--|---------------------|-----------|-----|--------------------------|
| Irish Sea Offshore Racing Association week | 150+ short races | 1976 | 8m | skipper |
| RORC Commodore's Cup | 200+short races | 1976; 11m | 10m | crew |
| 1/4 Ton Cup; | 100+short races | 1975 | 8m | designer/builder/skipper |
| Irish Sea Offshore Racing Association week | 200+100+short races | 1974 | 11m | Winning crew |
| 1/4 Ton Cup; | 180+100+short races | 1973 | 8m | crew |

Racing Inshore:

500 Club level races, over 35 years (and still learning).

- Torbay Race week (UK) 2012 ; 10m
- Geographe Bay Race Week 2004, 2006, 2008, 2104, 2018-20; 10m
- Cockburn Sound Regatta 1986, 1987, 2013, 2014, 2016, 2020; 6m & 10m
- Redwitch State Championships 1985 - 2000; 6m (winning skipper once, winning crew twice)
- Little Wheel Match Racing 1989 -1991; 6m (winning skipper twice)
- SPYC Redwitch Club Champion 1990, 6m
- Twister Class Championships 1983, 1984; 8m (winning skipper twice)
- J24 UK National Championships 1984; 7m
- Cowes Week 1973, 8m and 1975; 9m
- Irish Sea Folkboat Week 1969,1970,1972; 8m (winning crew thrice)

Cruising:

>15,000M cruising, as crew since 1966 and skipper since 1975. Summary of main voyages below:

| voyage | distance | year | Vessel length | position |
|--|-----------------|-------------|----------------------|-----------------------------|
| UK - Channel Islands - UK | 250 | 2022 | 11m | crew |
| S. France – Barcelona (Spain) | 150 | 2018 | 12m | crew |
| Brittany (France) – La Coruna (Spain) | 500 | 2014 | 12m | 2 i-c |
| Fremantle - Bali | 1400 | 2013 | 12m | 2-i-c |
| Fremantle – Jurien Bay-Fremantle | 200 | 2013 | 12m | crew |
| Gdansk (Poland) – Copenhagen (Denmark) | 230 | 2012 | 13m | watch leader |
| Perth- Abrolhos-Perth | 400 | 2012 | 12m | watch leader |
| Thursday I. - Darwin | 670 | 2010 | 12m | crew |
| Perth- Abrolhos | 200 | 2008 | 13m | crew |
| Monkey_Mia- Exmouth | 150 | 2007 | 35m | (paying crew - STS Leeuwin) |
| Perth - Dampier and Sydney – Whitsundays | 2000 | 1998/9; | 10m | skipper |
| Nine Quindalup cruises | 1800 | 1996-2007 | 10m | skipper |
| UK: Southampton- Isle of Man - Southampton | 1000 | 1984 | 8m | skipper |
| UK - Azores non-stop | 1100 | 1983 | 8m | skipper |
| Azores - UK non-stop | 1200 | 1983 | 8m | single-handed |
| UK – Spain | 500 | 1981 | 7m | single-handed |

Delivery voyages:

- Port Denison - Fremantle (180M) 1989; 9m. (crew)
- Fremantle - Geraldton (220M) 1988; 9m. (crew)
- Brest (France) – Holyhead (UK) (300M) 1982; 7m. (skipper)
- Bangor (UK) - Southampton (UK) (380M) 1981; 7m. (skipper)
- Chichester (UK) - Holyhead (UK) (360M) 1978; 9m. (skipper)
- Southampton (UK) - Holyhead (UK) (350M) 1976; 8m (skipper)

Yachting teaching qualifications & experience:

- Yachting Australia Keelboat Instructor Level 2. 2013-18
- Initiator, leader and lecturer, Fremantle Sailing Club Cruising Section Learning Sessions; 2011- 2017
- Supervisor of yacht design research students, Curtin University; 1989 – 2012
- Lecturer in naval architecture, University of WA; 1996, 1998

- Lecturer in yacht design and hydrodynamics, Curtin University; 1986 – 2002.
- Reserve lecturer, RYA Yachtmaster Offshore theory, Southampton Institute; 1983-1984
- Lecturer in naval architecture & yacht design, Southampton Institute, UK; 1978 – 1984
- Certificate in Education, Higher & Further Education (CNA, UK); 1982
- Teaching Certificate (Portsmouth Polytechnic, UK); 1981

Sailing and Boating Administration

- Commodore, Wanderers Radio Sailing Club 2022- 2023
- Awarded Fremantle Sailing Club Commodore's Commendation for exceptional services 2019 – only fourth recipient of this award since its inception
- Australian Sailing National Equipment Auditor 2018- 2023
- Member, Finance Committee, Fremantle Sailing Club 2018 – 2019
- Editor, Western Australian Cruising Guide (publ. Fremantle Sailing Club) 2014 – present day
- Member, Yachting WA Safety Committee 2015- 2016
- Member, WA Dept of Transport Recreational Vessel Safety Equipment Review external response group 2015- 2020
- Awarded Yachting WA David Walters Medallion for contribution to yachting 2015 - only the fourth recipient of this award since its inception
- Editor, Cruising Section Safety Recommendations (publ. FSC) 2007-2014
- Safety Officer and Member, Risk Management Committee, Fremantle Sailing Club 2004-2014
- Safety Officer, Bali International Yacht Rally 2009-2011
- Cruising Captain, Fremantle Sailing Club 2013-2014
- Member, Fremantle Sailing Club Participation sub-committee 2012
- Member, Rottnest Island Marine Waste Management Facility Steering Committee 1999
- Member, Murdoch TAFE Marine Waste Management Policy Steering Committee 1999
- Member, Cruising Committee, Fremantle Sailing Club 1997- present day.
- Member, South of Perth Yacht Club sailing committee 1989-1993
- Member, Redwitch Yachting Association committee 1987-1991
- Members' Representative, Yachting WA 1988-1990
- Member, Trailable Yacht sub-committee Yachting WA, 1988-1990
- Founder and Secretary, Twister Class Owners Association 1983-1985

Professional qualifications and experience

Profession:

Naval architect

Affiliations:

- Member, Royal Institution of Naval Architects

Academic:

- BSc (Ship Science), University of Southampton (UK); 1974
- MAppSc (Yacht Design), Curtin University; 1988
- PhD (Yacht Design), Curtin University; 2004

Work experience:

- 6 years small craft design and construction
- 6 years lecturing in naval architecture
- 25 years commercial research, marine science and technology
- 15 years management & leadership of marine research
- 3 years Directorship of marine R&D company
- Designer and builder of racing and cruising boats

Current position:

Independent marine consultant.

Publications (selected)

- Klaka K.** (2022) "The Effect of Hull Surface Roughness on the Performance of a Model Sailing Yacht". *Australian Naval Architect* v26 v2 pp 35-43.
- Klaka K.** (2020) "Why Sailing Yacht Rudders Break". *International Journal of Maritime Engineering* v162 part A4 pp 445-452.
- Klaka K.** (2020) "The Loads on Yacht Anchor Rodes". *International Journal of Maritime Engineering* v162 part A4 pp 453-459.
- Klaka K.** (2020) "Sailing Yacht Design: a Guide for Boat Owners, Crew and Buyers". ISBN 978-13936689-5-4.
- Klaka K.** (2018) "Catamaran Performance Metrics", *The Australian Naval Architect*, v22 no.4 pp32-35.
- Klaka K.** (2017) "Western Australian Cruising Guide", pp 609. ISBN: 978-06482411-2-6.
- Klaka K.** (2016) "Cruising Safety Recommendations". Fremantle Sailing Club pp33. <https://www.fsc.com.au/wp-content/uploads/2017/04/FSC-Cruising-Recommendations-Green-Book-v4.1.1.pdf>
- Pal P.K. & Klaka K.** (2010) "Preliminary Design of Cruising Sailing Yachts as a Decision Support Problem". *International Journal of Small Craft Technology* v152 part B2 pp75-85.
- Klaka, K.** (2010) "On the Performance of a Wavy Keel", *The Australian Naval Architect*, v14 no.2 pp 45.

Klaka K. & Renilson M.R. (2004) “Experimental Study on the Influence of Appendages on a Yacht Rolling at Zero Froude Number” *Marine Technology* v41 no.5 pp200-206.

Klaka K. & Renilson M.R. (2002) "Reducing Roll Motion of Yachts at Anchor" *YachtVision02 Conference*, Auckland.

McRae B., Binns J., **Klaka K.** & Dovell A. (1998) “Windward Performance of the AMECRC Systematic Yacht Series”, *R.I.N.A. The Modern Yacht Conference*, Portsmouth.

Binns J., **Klaka K.** & Dovell, A. (1997) “Hull-Appendage Interaction of a Sailing Yacht, Investigated with Wave Cut Techniques”, S.N.A.M.E. *Chesapeake Sailing Yacht Symposium*, Maryland.

Klaka K. (1987) “Performance Prediction of Yachts Sailing in Waves” *Yachting Technology 1987 Conference*, Perth, 28-30 January 1987.