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Shore Power Changeover Pre-Arrival Checklist

SLUG	shore-power-changeover-pre-arrival-checklist
SUMMARY	Pre-arrival shore-power checklist for yacht teams covering marina supply, voltage, frequency, phase, current limits, load reduction, transfer communication, and monitoring.
RESOURCE TYPE	Checklist
RESOURCE AREA	Power & electrical
INTENDED AUDIENCE	Chief engineers, ETOs, deck officers, captains
ESTIMATED USE MINUTES	15
DOCUMENT LABEL	Download PDF
PDF	shore-power-changeover-pre-arrival-checklist-v1-0.pdf
VERSION	1.0
PUBLICATION STATUS	Published resource archive
IMPORTANT NOTE	This resource is practical operational guidance. It does not replace the vessel SMS, flag or class requirements, manufacturer manuals, competent electrical advice, or the authority of the Captain and responsible technical officers onboard.

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Pre-arrival information

- [ ] Available voltage, frequency, phase arrangement and current limit confirmed.
- [ ] Connection type, cable requirement and marina contact confirmed.
- [ ] Generator-running restrictions reviewed.
- [ ] Expected hotel load on arrival estimated.
- [ ] Fallback plan agreed if shore power is unstable.

Load planning

- [ ] Chillers, galley, laundry, chargers, watermakers, AV/IT, spa and toy chargers reviewed.
- [ ] Non-essential loads reduced before transfer.
- [ ] Bridge, galley and interior informed of transfer window.
- [ ] Current limit set where applicable.
- [ ] Large loads staged after connection.

Physical checks

- [ ] Cable jacket, plug, inlet and pedestal inspected.
- [ ] Cable rating and routing checked.
- [ ] Cable protected from traffic, water traps and strain.
- [ ] Converter or transformer status confirmed.
- [ ] Protection and earth checks completed according to procedure.

Post-connection monitoring

- [ ] Voltage, frequency and current monitored.
- [ ] Phase balance checked where applicable.
- [ ] Cable, transformer or converter temperature watched.
- [ ] PMS, converter and breaker alarms recorded.
- [ ] Trip evidence captured before reset.