



VESSEL EQUIPMENT LIST—CLASS 2E

This equipment list is for your guidance. For full details refer to the [National Standard for Commercial Vessels](#).

| Items required | Vessels affected |
|--|---|
| Buoyant appliances Each lifebuoy assumed to support 2 persons | |
| Dinghies/buoyant appliances/lifebuoys or combination for 100% | ≥15m |
| Buoyant appliances/lifebuoys or combination for 100% | <15m, unless vessel is fitted with level flotation as per NSCV Part C Section 6B |
| Suitable equipment to sustain and recover persons overboard. For example, heaving line with rescue quoit, ladder, rescue sling, scramble net | <25m |
| Lifebuoys Light is to be self-activating and each lifebuoy assumed to support 2 persons | |
| 2 minimum—1 with light and 1 with buoyant line | ≥15m, included in buoyancy requirements |
| 1 minimum with light | <15m included in buoyancy requirements |
| Lifejackets | |
| Coastal lifejacket 100% | All |
| Distress signals | |
| 406MHz EPIRB—until 1 January 2021 | >2nm from land must carry a class 2 or class 3 EPIRB |
| 406MHz EPIRB—from 1 January 2021 <i>(Note: this is in addition to any EPIRB carried as part of a life raft or survival craft.)</i> | ≥12 m long must and >2nm from land carry a class 2 EPIRB fitted in a category 1 bracket <12 m long and >2nm from land must carry a class 2 EPIRB or a class 3 EPIRB. |
| 2 red hand-held flares | All |
| 1 hand-held orange smoke signal | All |
| Onboard communications and alarm systems | |
| General emergency alarm system | ≥25m |



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|--|---|
| Emergency electrical installation and equipment | |
| Self-contained source of electrical power, either a dedicated battery or diesel generator, to provide emergency power to all key systems for 2hrs (See NSCV Part C Section 5B) | All |
| Temporary emergency power battery (See NSCV Part C Section 5B) | ≥25m carrying berthed passengers, except where the emergency generator starts and comes on load automatically |
| Emergency lighting (See NSCV Part C Section 5B) | ≥25m or ≥500GT |
| Battery torch for crew 100% | All |
| Navigation equipment Vessels 35m or more in length shall comply with MO27 | |
| Clock (may be included in other navigation equipment) | <35m |
| Pair of binoculars fitted with neck strap and carrying case | <35m |
| Echo sounder | <35m |
| Signaling light | All |
| International Code flags appropriate to vessel activities | <35m |
| Nautical publications | <35m |
| ECDIS / ECS / Paper charts and backup for electronics | ≥12m <35m |
| GNSS | <35m where plotting equipment (ECDIS, ECS, etc) is fitted |
| Radar reflector | <12m |
| Speed and distance indicator | All |
| Compass (card 75mm minimum diameter) | <10m |
| Compass (card 100mm minimum diameter) | ≥10m <20m |
| Compass (card 125mm minimum diameter) | ≥20m |
| Communication system to emergency steering | All |



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|---|----------------------|
| Miscellaneous equipment | |
| Windlass, anchors and cables (See NSCV Part C Section 7D for anchoring requirements) | All |
| Hawsers and warps | All |
| Scale G First Aid Kit as per NSCV Part C Section 7A Annex H Note: GES 2015/01 may also be applicable to vessels operating in C, D or E waters | All |
| Logbook (See MO504) | All |
| VHF Radio with DSC | All |
| Current edition of the “Marine VHF Radio Operators Handbook” | ≥7.5m |
| Navigation lights, day shapes and flags as per the Prevention of Collision at Sea Regulations (MO30) | All |
| Sound signal | <12m |
| Whistle | ≥12m |
| Bell (300mm minimum diameter) | ≥20m |
| Gong | ≥100m |
| Rudder angle indicator | ≥15m |
| Collar repair kit and air pump | All Inflatables/RIBs |
| Bilge pumps (see Table 1) | All |
| Approved safe means of access (See NSCV Part C Section 1 Clause 6.16 and Table 33) | All |

Note: For Fire Fighting Equipment complying with the NSCV, please refer to the NSCV Part C Section 4.



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Table 1: Bilge Pumps

| Measured length of vessel | Manual pumps with discharge capacity | | Power pumps with discharge capacity | |
|---------------------------|---|----------------------------|-------------------------------------|----------------------------|
| | Number | Capacity in kilolitre/hour | Number | Capacity in kilolitre/hour |
| <5m | Bailing bucket acceptable for open boats provided the bilge is readily accessible | | | |
| ≥5m <7.5m | 1 | 4.0 | - | - |
| ≥7.5m <10m | 2 | 4.0 | - | - |
| ≥10m <12.5m | 1 | 5.5 | 1 | 5.5 |
| ≥12.5m <17.5m | 1 | 5.5 | 1 | 11.0 |
| ≥17.5m <20m | 1 | 8.0 | 1 | 11.0 |
| ≥20m <25m | - | - | 2 | 11.0 |
| ≥25m <35m | - | - | 2 | 15.0 |