

MSFD UK priority monitoring species list – version 1 - 2015

| Common name | Species | Primary movement pathways |
|---|--------------------------------|---|
| Marine copepod | <i>Acartia tonsa</i> | Shipping (ballast water and fouling) |
| Striped barnacle | <i>Amphibalanus amphitrite</i> | ballast water and fouling |
| Compass sea squirt | <i>Asterocarpa humilis</i> | fouling |
| Red seaweeds | <i>Bonnemaisonia hamifera</i> | Ballast water and fouling |
| Japanese skeleton shrimp | <i>Caprella mutica</i> | fouling |
| Portuguese oyster | <i>Crassostrea angulata</i> | Aquaculture (intentional and accidental contamination) and Natural dispersal (ocean currents) |
| Pacific oyster | <i>Crassostrea gigas</i> | Aquaculture (intentional) |
| Slipper limpet | <i>Crepidula fornicata</i> | Aquaculture (accidental contamination) |
| Orange-striped sea anemone | <i>Diadumene lineata</i> | Shipping (fouling) |
| Carpet sea squirt | <i>Didemnum vexillum</i> | fouling |
| Say mud crab | <i>Dyspanopeus sayi</i> | Shipping (ballast water) |
| American jack knife clam | <i>Ensis directus</i> | Aquaculture (intentional and accidental contamination) and Natural dispersal (ocean currents) |
| Chinese mitten crab | <i>Eriocheir sinensis</i> | ballast water and natural dispersal |
| Marine tubeworm | <i>Ficopomatus enigmaticus</i> | |
| Red seaweeds | <i>Grateloupia doryphora</i> | Aquaculture (accidental contamination) |
| Devil's Tongue Weed (macroalgae) | <i>Grateloupia turuturu</i> | Aquaculture (accidental contamination) |
| A barnacle | <i>Hesperibalanus fallax</i> | Fishing Equipment |
| A dinoflagelette | <i>Heterosigma akashiwo</i> | Shipping (ballast water) |
| Asian rapa whelk | <i>Rapana venosa</i> | ballast water |
| Japanese weed, wireweed | <i>Sargassum muticum</i> | fouling |
| Bryozoan | <i>Schizoporella japonica</i> | Aquaculture (accidental contamination) |
| Common cord-grass, Townsend's grass or rice grass | <i>Spartina anglica</i> | ballast water and natural dispersal |
| Japanese kelp | <i>Undaria pinnatifida</i> | Aquaculture (accidental contamination) |
| Leathery sea squirt | <i>Styela clava</i> | fouling |
| American oyster drill | <i>Urosalpinx cinerea</i> | Aquaculture (accidental contamination) |
| Bryozoan | <i>Watersipora subatra</i> | fouling |

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| A Dinoflagellate | <i>Alexandrium catenella</i> | ballast water |
| Barnacle | <i>Amphibalanus reticulatus</i> | fouling |
| Flatbottom sea star | <i>Asterias amurensis</i> | Live food trade, ballast and fouling |
| Sea grapes | <i>Caulerpa racemosa</i> | ballast water and fouling |
| Caulerpa/ killer alga | <i>Caulerpa taxifolia</i> | Aquaculture (accidental contamination) |
| Sponge | <i>Celtodoryx ciocalyptoides</i> | Aquaculture (accidental contamination) |
| jewel box clam | <i>Chama sp.</i> | Unknown |
| Mangrove oyster | <i>Dendrostroma frons/Saccostrea frons</i> | ballast water and fouling |
| red algae | <i>Gracilaria vermiculophylla</i> | ballast water and fouling |
| Japanese Shore Crab | <i>Hemigrapsus penicillatus</i> | ballast water |
| Asian/Japanese shore crab | <i>Hemigrapsus sanguineus</i> | ballast water and natural dispersal |
| brush clawed shore crab | <i>Hemigrapsus takanoi</i> | ballast water and natural dispersal |
| American lobster | <i>Homarus americanus</i> | Accidental/deliberate release following import for catering industry |
| Banded murex | <i>Hexaplex trunculus</i> | Aquaculture (accidental contamination) and fouling |
| Titan acorn barnacle | <i>Megabalanus coccopoma</i> | ballast water and fouling |
| Barnacle | <i>Megabalanus zebra</i> | Unknown |
| Japanese scallop | <i>Mizuhopecten yessoensis</i> | Aquaculture (intentional) |
| Comb jelly | <i>Mnemiopsis leidyi</i> | ballast water |
| Asian/Japanese oyster drill | <i>Ocenebra inornata</i> | Aquaculture (unintentional) |
| Red King crab | <i>Paralithodes camtschaticus</i> | ballast water and aquaculture (intentional) |
| red algae | <i>Polysiphonia subtilissima</i> | fouling |
| Alga | <i>Pseudochattonella verruculosa</i> | ballast water and hull fouling |
| Nomad jellyfish | <i>Rhopilema nomadica</i> | ballast water |
| marine splash midge | <i>Telmatogeton japonicas</i> | ballast water |