

ABBREVIATIONS

°C	Degrees Celsius
6PPD	4-(dimethylbutylamino)diphenylamin
ACCOBAMS	Agreement on the Conservation of Cetaceans in the Black Sea, Mediterranean Sea and Contiguous Atlantic Area
AEWA	Agreement on the Conservation of African-Eurasian Migratory Waterbirds
ASCOBANS	Agreement on the Conservation of Small Cetaceans of the Baltic and North Seas
Atm	1 atmosphere = 1.013×10^5 Pascal
BAT	Best Available Techniques
BDE (Penta, octa and deca)	Penta-, octa- and decabromodiphenyl ether
BEP	Best Environmental Practice
Bq	Becquerel (1 disintegration per second)
CAMP	Comprehensive Atmospheric Monitoring Programme (OSPAR)
CBD	Convention on Biological Diversity
Cefas	Centre for Environment, Fisheries and Aquaculture Science (UK)
CEMP	Coordinated Environmental Monitoring Programme (OSPAR)
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
cm	Centimetre
CMS	Convention on Migratory Species
CO ₂	Carbon dioxide
DBP	Dibutylphthalate
DDT	4,4'-dichlorodiphenyl-1,1,1-trichloroethane
DEHP	Diethylhexylphthalate
dw	Dry weight
EC	European Community
EcoQO	Ecological Quality Objective
EEA	European Environment Agency
EEZ	Exclusive Economic Zone
EIA	Environmental Impact Assessment
EMEP	European Monitoring and Evaluation Programme
EMSA	European Maritime Safety Agency
EROD	Ethoxyresorufin-O-deethylase
EU	European Union
F	Fishing mortality
FAO	United Nations Food and Agriculture Organization
FFL	Fishing for Litter
G (prefix)	Giga, 10^9
GDP	Gross Domestic Product
Gy	Gray
H ₂ S	Hydrogen sulphide
HBCD	Hexabromocyclododecane
HCH	Hexachlorocyclohexane
HELCOM	Helsinki Commission for the Protection of the Marine Environment of the Baltic Sea
IAEA	International Atomic Energy Agency
ICCAT	International Commission for Conservation of Atlantic Tunas
ICES	International Council for the Exploration of the Sea
ICZM	Integrated Coastal Zone Management
IIASA	International Institute for Applied Systems Analysis
IMO	International Maritime Organization
IOC	Intergovernmental Oceanographic Commission
IPCC	United Nations Intergovernmental Panel on Climate Change
IPPC	Integrated Pollution Prevention and Control (EU)
ISA	International Seabed Authority
IUU	Illegal, Unregulated and Unreported
IWC	International Whaling Commission
JAMP	Joint Assessment and Monitoring Programme (OSPAR)
kg	Kilogramme
km	Kilometre
km ²	Square kilometre
M	Molar mass
M (prefix)	Mega, 10^6
MARPOL	International Convention for the Prevention of Pollution from Ships (1973/1978)
mm	Millimetre
MPA	Marine Protected Area
MSY	Maximum Sustainable Yield
N	Nitrogen
n (prefix)	Nano, 10^{-9}

N	Nitrogen
n (prefix)	Nano, 10 ⁻⁹
NAMMCO	North Atlantic Marine Mammal Commission
NASCO	North Atlantic Salmon Conservation Organisation
NEAFC	North East Atlantic Fisheries Commission
nm	Nautical mile
NOAA	National Oceanic and Atmospheric Administration (USA)
NO_x	Nitrogen oxides
NSIDC	National Snow and Ice Data Centre (USA)
OECD	Organisation for Economic Cooperation and Development
OSPAR	The term 'OSPAR' is used in this report to refer to both the OSPAR Commission and the former Oslo and Paris Commissions. The 1972 Oslo Convention and the 1974 Paris Convention were replaced by the 1992 OSPAR Convention when it entered into force on 25 March 1998
P	Phosphorus
p (prefix)	Pico, 10 ⁻¹²
PAH	Polycyclic aromatic hydrocarbon
PBDE	Polybrominated diphenyl ether
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxin
PCDF	Polychlorinated dibenzofuran
PCP	Pentachlorophenol
PFOS	Perfluorooctane sulphonates
PIC	Prior Informed Consent
POP	Persistent Organic Pollutant
PSSA	Particularly Sensitive Sea Area
QSR	Quality Status Report
QSR 2000	Quality Status Report for the entire OSPAR maritime area published by OSPAR in 2000
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (EU)
RID	Comprehensive Study on Riverine Inputs and Direct Discharges (OSPAR)
RMP	Revised Management Procedure (International Whaling Commission)
s	Second (time)
SCCP	Short-chain chlorinated paraffin
SECA	SO _x Emission Control Area
SO₂	Sulphur dioxide
SO_x	Sulphur oxide
SOLAS	International Convention for the Safety of Life at Sea
SSB	Spawning Stock Biomass
Sv	Sievert (1 J/kg x (modifying factors))
t	Tonne
T (prefix)	Tera, 10 ¹²
TAC	Total Allowable Catch
TBBP-A	Tetrabromobisphenol-A
TBT	Tributyltin
toeq	Tonnes of oil equivalents
UN	United Nations
UNCLOS	United Nations Convention on the Law of the Sea
UNECE	United Nations Economic Commission for Europe
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational Scientific and Cultural Organization
VMEs	Vulnerable Marine Ecosystems
VOC	Volatile Organic Compounds
W	Watt
WFD	Water Framework Directive (EU)
ww	Wet weight
WWF	World Wildlife Fund
yr	Year
μ (prefix)	Micro, 10 ⁻⁶

GLOSSARY

Abyssal plain	The more or less flat region of the deep ocean floor below 4000 m, excluding ocean trenches, formed by deposition of pelagic sediments and turbidity currents that obscure the pre-existing topography
Adaptation (climate change)	Actions addressing the consequences of climate change through enhancing the resilience of natural and human systems, i.e. their capacity to cope with those consequences
Adaptive management	The integration of programme design, management and monitoring to systematically test assumptions in order to adapt and learn
Advection	The transfer of heat or matter by horizontal movement of air or water
Anthropogenic	Caused or produced by human activities
Anti-foulant	A coating, paint, surface treatment, surface or device that is used on a ship or underwater structures to control or prevent attachment of unwanted organisms
Artificial reef	A submerged structure placed on the seabed deliberately to mimic some characteristics of a natural reef
Background concentrations of naturally occurring substances	Concentrations of certain naturally occurring hazardous substances that would be expected in the North-East Atlantic if certain industrial developments had not happened
Ballast water	Water, with its suspended matter, taken on board a ship to control trim, list, draught, stability or stresses of the ship
Benthos	Organisms attached to, living on, or in the seabed
Best available techniques	The latest stage of development (state of the art) of processes, facilities or methods of operation which indicate the practical suitability of a particular measure for limiting discharges, emissions and waste
Best environmental practice	The application of the most appropriate combination of environmental control measures and strategies
Bioaccumulation	The accumulation of a substance within the tissues of an organism, which can lead to biomagnification through the food web
Bioavailability	The extent to which a substance can be absorbed into the tissues of organisms. Possibly the most important factor determining the extent to which a contaminant will enter the food chain and accumulate in biological tissues
Biological diversity	Variability among living organisms from all sources including, <i>inter alia</i> , terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are part; this includes diversity within species, between species and of ecosystems
Biomass	The total mass of organisms in a given place at a given time
Bloom	An abundant growth of phytoplankton or certain macroalgae, typically triggered by sudden favourable environmental conditions (e.g. excess nutrients, light availability, reduced grazing pressure)
By-catch	That part of the catch that is not the main target of the fishery, i.e. the retained catch of non-targeted species together with the portion of the catch returned to the sea as a result of economic, legal, or personal considerations
Climate	The long-term average conditions of the atmosphere and/or ocean
Common Procedure	The OSPAR 'Common Procedure for the Identification of the Eutrophication Status of the OSPAR Maritime Area' provides the framework for a comprehensive, harmonised characterisation of marine areas by OSPAR countries in terms of 'problem areas', 'potential problem areas' and 'non-problem areas' with regard to eutrophication
Congeners	Related or similar substances forming a group of substances
Continental shelf	The shallowest part of the continental margin between the shoreline and the continental slope; not usually deeper than 200 m
Continental slope	The steeply sloping seabed from the outer edge of the continental shelf to the continental rise
Contracting Parties	The Contracting Parties to the OSPAR Convention are the OSPAR countries Belgium, Denmark, Finland, France, Germany, Iceland, Ireland, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom, and the European Community
Coordinated Environmental Monitoring Programme (CEMP)	That part of the monitoring under the OSPAR Joint Assessment and Monitoring Programme where the national contributions overlap and are coordinated by the use of commonly agreed monitoring guidelines, quality assurance procedures and assessment tools
Cuttings	Solid material removed from drilled rock together with any solids and liquids derived from any adherent drilling fluids
Demersal fish	Fish that feed on or near the bottom of the sea
Diatoms	Common type of unicellular phytoplankton with a silicate cell wall. The ratio of diatoms to flagellates in phytoplankton communities is used as an indicator of eutrophication
Diffuse sources	Sources of pollution that are not discrete and extend over a wide geographical area
Discards	That part of the catch taken on board a fishing vessel that is not landed, consumed on board or used as bait in subsequent fishing operations, but put back into the sea
Discharge	Intentional transfer of substances into water
Displacement water	Seawater contained in oil storage tanks which is displaced by incoming or outgoing crude oil, due to the densities of oil and water
Dose rate	The quantity of radiation absorbed per unit time
Drilling fluids	The fluid with added chemicals used when drilling boreholes to lubricate and cool the drilling bit
Dumping	The deliberate disposal in the maritime area of wastes or other matter from vessels or aircraft, from offshore installations, and any deliberate disposal in the maritime area of vessels or aircraft, offshore installations and offshore pipelines
Ecological Quality Objective (EcoQO)	Objectives set by OSPAR and the North Sea Conferences for the desired state of individual aspects of the structure and function of the marine ecosystem
Ecosystem	A community of organisms and their physical environment interacting as an ecological unit

Ecosystem approach	The comprehensive integrated management of human activities based on the best available scientific knowledge about the ecosystem and its dynamics, in order to identify and take action on influences which are critical to the health of the marine ecosystems, thereby achieving sustainable use of ecosystem goods and services and maintenance of ecosystem integrity
Emission	An intentional release into air
Endemic	Native, and restricted, to a particular locality or specialised habitat
Endocrine disrupter	A substance from an external source that interferes with an organism's endocrine system, including hormone regulation and hormone equilibria, and produces adverse developmental, reproductive, neurological, and immune effects
Environmental impact assessment	Procedure to identify the potential impacts of a project or activity on the environment and to develop mitigation measures to reduce these to acceptable levels
Eutrophication	The enrichment of water by nutrients causing an accelerated growth of algae and higher forms of plant life to produce an undesirable disturbance to the balance of organisms present in the water and to the quality of the water concerned, and therefore refers to the undesirable effects resulting from anthropogenic enrichment by nutrients
EU Bathing Water Directive	Directive 2006/7/EC of the European Parliament and of the Council concerning the management of bathing water quality and repealing Directive 76/160/EEC
EU Biocides Directive	Directive 98/8/EC of the European Parliament and of the Council concerning the placing of biocidal products on the market
EU Birds Directive	Council Directive 79/409/EEC on the conservation of wild birds
EU Blue Book on an Integrated Maritime Policy	Commission communication on an integrated maritime policy for the European Union (COM(2007) 575 final)
EU Environmental Impact Assessment (EIA) Directive	Council Directive 85/337/EEC on the assessment of the effects of certain public and private projects on the environment
EU Habitats Directive	Council Directive 92/43/EEC on the conservation of natural habitats and of wild fauna and flora
EU IPPC Directive	Directive 2008/1/EC of the European Parliament and of the Council concerning integrated pollution prevention and control, codifying Directive 96/61/EEC
EU Marine Strategy Framework Directive	Directive 2008/56/EC of the European Parliament and of the Council establishing a framework for community action in the field of marine environmental policy
EU Marketing and Use Directive	Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations (repealed by Annex XVII REACH Regulation)
EU National Emissions Ceiling Directive	Directive 2001/81/EC of the European Parliament and of the Council on national emission ceilings for certain atmospheric pollutants
EU NATURA 2000 network	EU wide network of nature protection areas established under the EU Habitats Directive. The aim of the network is to assure the long-term survival of Europe's most valuable and threatened species and habitats. It is comprised of Special Areas of Conservation (SAC) designated by Member States under the Habitats Directive, and also incorporates Special Protection Areas (SPAs) which they designate under the EU Birds Directive
EU Nitrates Directive	Council Directive 91/676/EEC concerning the protection of waters against pollution caused by nitrates from agricultural sources
EU Pesticides Directive	Council Directive 91/414/EC concerning the placing of plant protection products on the market
EU Port Waste Reception Facilities Directive	Directive 2000/59/EC of the European Parliament and of the Council on port reception facilities for ship-generated waste and cargo residues
EU REACH Regulation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
EU Recommendation on Integrated Coastal Zone Management	Recommendation 2002/413/EC of the European Parliament and of the Council concerning the implementation of Integrated Coastal Zone Management in Europe
EU Regulation 812/2004	Council Regulation (EC) No 812/2004 laying down measures concerning incidental catches of cetaceans in fisheries and amending Regulation (EC) No 88/98
EU Shellfish Directive	Council Directive 79/923/EEC on the quality required of shellfish waters
EU Strategic Environmental Assessment Directive	Directive 2001/42/EC of the European Parliament and of the Council on the assessment of the effects of certain plans and programmes on the environment
EU Thematic Air Strategy	Commission communication on a thematic strategy on air pollution (COM(2005) 446 final)
EU Urban Waste Water Treatment Directive	Council Directive 91/271/EEC concerning urban waste water treatment
EU Water Framework Directive	Directive 2000/60/EC of the European Parliament and of the Council establishing a framework for Community action in the field of water policy
EU WFD Daughter Directive on environmental quality standards	Directive 2008/105/EC of the European Parliament and of the Council on environmental quality standards in the field of water policy
Exclusive Economic Zone (EEZ)	An area in which a coastal state has sovereign rights over all the economic resources of the sea, seabed and subsoil (see Articles 56–58, Part V, UN Convention on the Law of the Sea 1982)

Fishing effort	The amount of fishing taking place, quantified as the effective utilization of the existing fishing capacity (fleet power) in a management period. It is usually expressed as kilowatt-days
Fishing mortality	A measure of the proportion of a fish stock taken each year by fishing. A limit reference point (F_{lim}) and a precautionary reference point (F_{pa}) guide management of fisheries targeting the stock
Flagellates	Common type of unicellular phytoplankton with a whip-like appendage (flagellum) which enables them to swim. The ratio of diatoms to flagellates in phytoplankton communities is used as an indicator of eutrophication
Food web	The network of interconnected food chains along which organic matter flows within an ecosystem or community
Greenhouse gases	Gases such as carbon dioxide, methane and nitrous oxide which have the potential to trap heat radiation from the Earth's surface and cause warming in the lower atmosphere
Gross Domestic Product (GDP)	Market value of all final goods and services made within the borders of a country in a year
Harmful algal blooms	Blooms of phytoplankton that result in harmful effects such as the production of toxins that can affect human health, oxygen depletion and kills of fish and invertebrates and harm to fish and invertebrates, for example, by damaging or clogging gills
Harmonised mandatory control system	This comprises OSPAR Decision 2000/2 on a Harmonised Mandatory Control System for the Use and Reduction of the Discharge of Offshore Chemicals (as amended), OSPAR Recommendation 2000/4 on a Harmonised Pre-screening Scheme for Offshore Chemicals (as amended), and OSPAR Recommendation 2000/5 on a Harmonised Offshore Chemical Notification Format (HOCNF) (as amended)
Hazardous substances	Substances or groups of substances which are either (i) toxic, persistent and liable to bioaccumulate; or (ii) assessed by OSPAR as giving rise to an equivalent level of concern
High-grading	Retaining on board for ulterior landing only those fish that can fetch good prices at the market, while discarding the less-valued fish
Imposex	A condition in which the gender of an organism has become indeterminate as a result of hormonal imbalances or disruption, as in the case of the effect of tributyltin on marine gastropods
Integrated Coastal Zone Management (ICZM)	A dynamic, multidisciplinary and iterative process to promote sustainable management of coastal zones through a variety of tools to balance environmental, economic, social, cultural and recreational objectives
London Convention	The 1972 Convention on the Prevention of Marine Pollution by Dumping of Wastes and other Matter. The Convention is administered by the International Maritime Organization
Losses	Unintentional transfers of substances, other than as discharges, emissions or the result of accidents, directly or indirectly to the marine environment, which have, for example (i) leached, eroded or become detached from a manufactured product, waste or structure; (ii) leached or run off from land on which it has been spread or deposited; (iii) leaked or escaped from a container in which it has been kept
Macrophytes	Large, often rooted aquatic plants
Marine protected area (MPA)	An area within the maritime area for which protective, conservation, restorative or precautionary measures, consistent with international law have been instituted for the purpose of protecting and conserving species, habitat, ecosystems or ecological processes of the marine environment
Marine spatial planning	A public process of analyzing and allocating the spatial and temporal distribution of human activities in marine areas to achieve ecological, economic, and social objectives that are usually specified through a political process (synonym: maritime spatial planning)
Maritime area (synonym: OSPAR area)	The waters covered by the OSPAR Convention
MARPOL	The International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto
Maximum sustainable yield (MSY)	The largest yield (or catch) that can be taken from a fish stock over an indefinite period. Management policies should ideally aim at maintaining fish stocks, for a long term, at levels capable to produce MSY, although other environmental, economic and social objectives may also play an important factor
Mitigation (climate change)	Actions addressing anthropogenic causes of climate change and ocean acidification
Non-problem area (eutrophication)	Those areas for which there are no grounds for concern that anthropogenic enrichment by nutrients has disturbed or may in the future disturb the marine ecosystem
Nordic Seas	Collective term for the Norwegian, Iceland and Greenland Seas
NO_x (nitrogen oxides)	For the purposes of OSPAR reporting on emissions from offshore installations, NO _x is the sum of nitric oxide (NO) and nitrogen dioxide (NO ₂)
Nuisance species	Species that are not in themselves dangerous or toxic but can negatively disrupt ecosystems and environments
Nutrients	Dissolved phosphorus, nitrogen and silicon compounds
Ocean acidification	Decrease in the pH of the ocean. Causative factors include the oceanic uptake of carbon dioxide from the atmosphere
Organic-phase drilling fluid	An emulsion of water and other additives in which the continuous phase is a water-immiscible organic fluid of animal, vegetable or mineral origin
Organohalogen	Substances in which an organic molecule is combined with one or more of the halogen group of elements (i.e. fluorine, chlorine, bromine, iodine)
OSPAR area (synonym: maritime area)	The waters covered by the OSPAR Convention
Oxidised nitrogen	For the purpose of CAMP monitoring, nitrate (NO ₃) in precipitation and nitrogen dioxide (NO ₂), nitric acid (HNO ₃) and nitrogen monoxide (NO) in air/aerosol
Pelagic fish	Fish that spend most of their life swimming in the water column with little contact with, or dependency on, the bottom

Persistent substances	Substances that persist in the environment. The principal criterion is that the substance has a half-life in the freshwater or marine environment of 50 days or more
Phytoplankton	The collective term for the photosynthetic members of plankton
PLONOR substance	OSPAR List of Substances/Preparations Used and Discharged Offshore which are Considered to Pose Little or No Risk to the Environment
Point source	Identifiable and localised point of emissions to air and discharges to water
Pollution	The introduction by man, directly or indirectly, of substances or energy into the maritime area which results, or is likely to result, in hazards to human health, harm to living resources and marine ecosystems, damage to amenities or interference with other legitimate uses of the sea
Potential problem area (eutrophication)	Those areas for which there are reasonable grounds for concern that the anthropogenic contribution of nutrients may be causing or may lead in time to an undesirable disturbance to the marine ecosystem due to elevated levels, trends and/or fluxes in such nutrients
Precautionary approach	Management approach where preventive measures are to be taken when there are reasonable grounds for concern that substances or energy introduced, directly or indirectly, into the marine environment may bring about hazards to human health, harm living resources and marine ecosystems, damage amenities or interfere with other legitimate uses of the sea, even when there is no conclusive evidence of a causal relationship between the inputs and the effects
Problem area (eutrophication)	Those areas for which there is evidence of an undesirable disturbance to the marine ecosystem due to anthropogenic enrichment by nutrients
Produced water	The water that comes up from oil and gas wells along with the oil and gas. Some of it is water that has been in the hydrocarbon reservoir for geological time along with the oil or gas ('formation water'). Some of it is water produced by condensation during the production process ('condensation water')
Priority chemical	For the purpose of the QSR, substance on the OSPAR List of Chemicals for Priority Action
Radionuclide	Atoms that disintegrate by emission of electromagnetic radiation, i.e. emit alpha, beta or gamma radiation (α -emitting particles, β -emitting particles, γ -rays)
Reduced nitrogen	For the purpose of CAMP monitoring, reduced nitrogen includes ammonium (NH_4) in precipitation and the sum of ammonia (NH_3) and ammonium in air aerosol. For the purpose of EMEP atmospheric emission/deposition, reduced nitrogen refers to ammonia (NH_3)
Safe biological limits	Limits (reference points) for fishing mortality rates (F_{pa}) and spawning stock biomass (B_{pa}), beyond which the fishery is unsustainable
Seamount	An elevated area of limited extent rising 1000 m or more from the surrounding ocean floor, usually conical in shape
Shelf break	The outer margin of the continental shelf marked by a pronounced increase in the slope of the seabed; usually occurring at around 200 m in depth along European margins
Spawning stock biomass (SSB)	The total weight of fish in the stock that are old enough to spawn. It is one of the most important metrics of the size and health of commercial fish stocks. A limit reference point (B_{lim}) and a precautionary reference point (B_{pa}) guide management of fisheries targeting the stock
Stratification	The separation of seawater into layers
Total allowable catch (TAC)	The maximum quantity of fish that is allowed to be caught and subsequently landed from a stock during a management period (usually one year)
Toxic	The property of a substance that will cause damage to a living organism or their progeny
Toxin	A poisonous substance produced by living organisms and biological processes, usually proteinaceous
Trophic	Pertaining to nutrition
Turbidity	The degree to which the water loses its transparency due to the presence of suspended particulates
Upwelling	This occurs near coasts where winds persistently drive surface water seaward, causing an upward movement of cold, nutrient-rich water from ocean depths, and in the open ocean where surface currents are divergent
Vitellogenin	A protein in blood plasma used as a biomarker for exposure to endocrine disruptors that promote the development of female sex characteristics
Volatile organic compounds (VOCs)	For the purposes of OSPAR reporting on emissions from offshore installations, volatile organic compounds comprise all hydrocarbons, other than methane released to the atmosphere
Water column	The vertical column of water extending from the sea surface to the seabed
Water mass	A body of water within an ocean characterised by its physicochemical properties of temperature, salinity, depth and movement
Zoobenthos	Animals that live on or in the seabed
Zooplankton	The animal component of the plankton; animals suspended or drifting in the water column including larvae of many fish and benthic invertebrates

SPECIES LIST

Common (English) name	Scientific name
Mammals	
Bearded seal	<i>Erignathus barbatus</i>
Beluga, white whale	<i>Delphinapterus leucas</i>
Blue whale	<i>Balaenoptera musculus</i>
Bottlenose dolphin	<i>Tursiops truncatus</i>
Bowhead whale	<i>Balaena mysticetus</i>
Common dolphin	<i>Delphinus delphis</i>
Fin whale	<i>Balaenoptera physalus</i>
Grey seal	<i>Halichoerus grypus</i>
Harbour porpoise	<i>Phocoena phocoena</i>
Harbour seal	<i>Phoca vitulina</i>
Harp seal	<i>Pagophilus groenlandicus</i>
Hooded seal	<i>Cystophora cristata</i>
Long-finned pilot whale	<i>Globicephala melas</i>
Minke whale	<i>Balaenoptera acutorostrata</i>
Narwhal	<i>Monodon monoceros</i>
Northern right whale	<i>Eubalaena glacialis</i>
Polar bear	<i>Ursus maritimus</i>
Ringed seal	<i>Phoca hispida</i>
Sperm whale	<i>Physeter macrocephalus</i>
Walrus	<i>Odobenus rosmarus</i>
Birds	
Arctic skua	<i>Stercorarius parasiticus</i>
Arctic tern	<i>Sterna paradisaea</i>
Atlantic puffin	<i>Fratercula arctica</i>
Auks	Family of <i>Alcidae</i>
Balearic shearwater	<i>Puffinus mauretanicus</i>
Black-legged kittiwake	<i>Rissa tridactyla</i>
Common scoter	<i>Melanitta nigra</i>
Common tern	<i>Sterna hirundo</i>
Cory's shearwater	<i>Calonectris diomedea</i>
Glaucous gull	<i>Larus hyperboreus</i>
Guillemot, Common murre	<i>Uria aalge</i>
Herring gull	<i>Larus argentatus</i>
Ivory gull	<i>Pagophila eburnea</i>
Lesser black-backed gull	<i>Larus fuscus fuscus</i>
Little shearwater	<i>Puffinus assimilis baroli</i>
Little tern	<i>Sterna albifrons</i>
Northern fulmar	<i>Fulmarus glacialis</i>
Roseate tern	<i>Sterna dougallii</i>
Sandwich tern	<i>Sterna sandvicensis</i>
Steller's eider	<i>Polysticta stelleri</i>
Thick billed murre	<i>Uria lomvia</i>
Reptiles	
Leatherback turtle	<i>Dermochelys coriacea</i>
Loggerhead turtle	<i>Caretta caretta</i>

Fish	
Albacore, long-finned tuna	<i>Thunnus alalunga</i>
Allis shad	<i>Alosa alosa</i>
Anchovy	<i>Engraulis encrasicolus</i>
Angel shark	<i>Squatina squatina</i>
Anglerfish	<i>Lophius piscatorius</i>
Basking shark	<i>Cetorhinus maximus</i>
Bass	<i>Dicentrarchus labrax</i>
Blackscabbard fish	<i>Aphanopus carbo</i>
Blue shark	<i>Prionace glauca</i>
Blue whiting	<i>Micromesistius poutassou</i>
Bluefin tuna	<i>Thunnus thynnus</i>
Capelin	<i>Mallotus villosus</i>
Cod	<i>Gadus morhua</i>
Common skate	<i>Dipturus batis</i> (synonym: <i>Raja batis</i>) ¹
Dab	<i>Limanda limanda</i>
European anchovy	<i>Engraulis encrasicolus</i>
European eel	<i>Anguilla anguilla</i>
European sturgeon	<i>Acipenser sturio</i>
Flounder	<i>Platichthys flesus</i>
Gulper shark	<i>Centrophorus granulosus</i>
Greater forkbeard	<i>Phycis blennoides</i>
Greater silver smelt	<i>Argentina silus</i>
Haddock	<i>Melanogrammus aeglefinus</i>
Hake	<i>Merluccius merluccius</i>
Herring	<i>Clupea harengus</i>
Houting	<i>Coregonus lavaretus oxyrinchus</i>
Leafscale gulper shark	<i>Centrophorus squamosus</i>
Lesser Sandeel	<i>Ammodytes marinus</i>
Ling	<i>Molva molva</i>
Long-snouted seahorse	<i>Hippocampus guttulatus</i> (formerly <i>ramulosus</i>)
Mackerel	<i>Scomber scombrus</i>
Marlin	<i>Istiophoridae</i>
Norway pout	<i>Trisopterus esmarkii</i>
Orange roughy	<i>Hoplostethus atlanticus</i>
Plaice	<i>Pleuronectes platessa</i>
Porbeagle	<i>Lamna nasus</i>
Portuguese dogfish	<i>Centroscymnus coelolepis</i>
Red mullet	<i>Mullus surmulletus</i>
Redfish	<i>Sebastes</i> spp.
(Golden) redfish	<i>Sebastes marinus</i>
(Beaked) redfish	<i>Sebastes mentella</i>
Saithe	<i>Pollachius virens</i>
Salmon	<i>Salmo salar</i>
Sandeel	<i>Ammodytes tobianus</i>
Sardine	<i>Sardina pilchardus</i>
Sea bass	<i>Dicentrarchus labrax</i>
Sea lamprey	<i>Petromyzon marinus</i>
Sea trout	<i>Salmo trutta</i>
Short-snouted seahorse	<i>Hippocampus hippocampus</i>
Silvery John dory	<i>Zenopsis conchifer</i>
Sole	<i>Solea solea</i>
Spotted ray	<i>Raja montagui</i> (synonym: <i>Dipturus montagui</i>)
Spurdog	<i>Squalus acanthias</i>
Swordfish	<i>Xiphias gladius</i>
Thornback ray	<i>Raja clavata</i>
Tusk	<i>Brosme brosme ascanius</i>
White skate	<i>Rostroraja alba</i>
Whiting	<i>Merlangius merlangus</i>

¹ Recent research suggests this is a species complex

Lower animals	
Acorn barnacle	<i>Austrominius (=Elminius) modestus</i>
Asian shore crab	<i>Hemigrapsus sanguineus</i>
Asian shore crab, brush-clawed shore crab	<i>Hemigrapsus takanoi</i>
Australasian barnacle	<i>Elminius modestus</i>
Azorean barnacle	<i>Megabalanus azoricus</i>
Azorean limpet	<i>Patella aspera</i>
Blue mussel	<i>Mytilus edulis</i>
Brittle star	<i>Gorgonocephalus</i> sp.
Chinese mitten crab, mitten crab, Chinese freshwater edible crab	<i>Eriocheir sinensis</i>
Chironomid	<i>Telmatogeton japonicus</i>
Cold-water coral	<i>Lophelia pertusa</i>
Comb jelly	<i>Mnemiopsis leidyi</i>
Copepod	<i>Calanus helgolandicus</i>
Copepod	<i>Calanus finmarchicus</i>
Deep-water shrimp	<i>Pandalus borealis</i>
Dogwhelk	<i>Nucella lapillus</i>
Fan worm	<i>Sabella spallanzanii</i>
Flat oyster	<i>Ostrea edulis</i>
Horse mussel	<i>Modiolus modiolus</i>
Jackknife clam, razor clam	<i>Ensis americanus (=directus)</i>
Japanese clam, Manila clam	<i>Venerupis philippinarum</i>
Kuruma shrimp	<i>Marsupenaeus japonicus</i>
Leathery sea squirt, Asian sea squirt	<i>Styela clava</i>
Nephrops, Norway lobster, Langoustine	<i>Nephrops norvegicus</i>
Ocean quahog	<i>Arctica islandica</i>
Pacific oyster	<i>Crassostrea gigas</i>
Portuguese oyster	<i>Crassostrea angulata</i>
Rapa whelk, veined whelk	<i>Rapana venosa</i>
Red gilled mud worm	<i>Marenzelleria</i> spp. (complex)
Red king crab	<i>Paralithodes camtschaticus</i>
Ross worm	<i>Sabellaria spinulosa</i>
Sea-pen	<i>Pennatulacea</i> sp.
Sea squirt	<i>Didemnum vexillum</i>
Ship worm	<i>Teredo navalis</i>
Skeleton shrimp	<i>Caprella mutica</i>
Slipper limpet	<i>Crepidula fornicata</i>
Soft-shelled clam, soft clam, long-necked clam	<i>Mya arenaria</i>
Squat lobsters	<i>Galatheidae</i>
Tubeworm	<i>Ficopomatus enigmaticus</i>

Other organisms	
Bacteria	<i>Escherichia coli</i>
Bryozoan	<i>Bugula stolonifera</i>
Bryozoan	<i>Tricellaria inopinata</i>
Parasitic protozoan	<i>Bonamia ostrea</i>

Plants	
Asian red algae	<i>Gracilaria vermiculophylla</i>
Centric diatom	<i>Coscinodiscus wailesii</i>
Common cord-grass, Townsend's grass or rice grass	<i>Spartina anglica</i>
Eelgrass	<i>Zostera marina</i>
Eelgrass	<i>Zostera noltii</i>
Green sea fingers	<i>Codium fragile</i> ssp. <i>fragile</i>
Lesser neptune grass	<i>Cymodocea nodosa</i>
Pacific diatom	<i>Neodenticula seminae</i>
Red alga	<i>Bonnemaisonia hamifera</i>
Sea lettuce	<i>Ulva</i> spp.
Sugar kelp	<i>Saccharina latissima</i>
Wakame, Japanese kelp	<i>Undaria pinnatifida</i>
Wire weed, jap weed, strangle weed	<i>Sargassum muticum</i>

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