

# Handbook of fishing gears used by the EU fleet

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**Fisheries**





RESEARCH FOR PECH COMMITTEE

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# Handbook of fishing gears used by the EU fleet

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## **Abstract**

This handbook provides an illustrated overview of the main fishing gears currently used in the EU. For each gear, the handbook outlines the essentials of its design, operation method and target species, and shows the main Member State fishing fleets that use it. In addition, it indicates the name of the gears in Danish, German, Spanish, French, Italian, Dutch and Portuguese.

## AUTHORS

Irina POPESCU and Marcus BREUER

Project, publication and communication assistance: Ginka TSONEVA, Stéphanie DUPONT and Iveta OZOLINA

Policy Department for Structural and Cohesion Policies, European Parliament

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To contact the Policy Department or to subscribe to updates on our work for the PECH Committee please write to: [Poldep-cohesion@ep.europa.eu](mailto:Poldep-cohesion@ep.europa.eu)

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## LIST OF ABBREVIATIONS

<b>FAD</b>	Fish aggregating device
<b>FAO</b>	Food and Agriculture Organization of the United Nations
<b>ISSCFG</b>	International Standard Statistical Classification of Fishing Gear

## LANGUAGE CODES

<b>DA</b>	Danish
<b>DE</b>	German
<b>ES</b>	Spanish
<b>FR</b>	French
<b>IT</b>	Italian
<b>NL</b>	Dutch
<b>PT</b>	Portuguese





# 1. FOREWORD

Working on EU fisheries policy issues often involves dealing with a specialised vocabulary, full of technical terms and translated into different EU languages. The terminology associated with the wide range of gears used in fisheries is one of the most complex parts of this vocabulary. Indeed, fishing gears are conceived to target particular species or groups of species, which means that each gear has a specific design and operates in a specific way. Moreover, a multitude of regional and local variations have been developed over time, to adapt the gear design and fishing method to the particular conditions in which it operates. The nooks and crannies of the different gear types are described in detail in technical reports and academic literature, and a wealth of information is available at global, regional and national level.

The large variety of fishing gears may be classified in many different ways. A common classification based on the relative movements of the gear and the target species describes the gear as active, if it is towed or otherwise moved in a deliberate pursuit of the target species (e.g. trawls, dredges, seines...), or passive, if it is stationary, with the target species moving towards it (e.g. gillnets, traps...). Another classification, based on the main elements that the gear uses, distinguishes between gears using nets (e.g. trawls, seines, gillnets...), hooks (e.g. longlines, trolling lines...), or other devices (e.g. dredges, traps, harpoons...). Gears are also classified according to their position relative to the sea bottom, as bottom-contact gears (e.g. bottom trawls, dredges, set gillnets...) or non-bottom-contact gears (e.g. drift gillnets, trolling lines...). With a view to ensuring the collection of comparable data on fishing gears throughout the world, the Food and Agriculture Organisation of the United Nations (FAO) developed the International Standard Statistical Classification of Fishing Gear (ISSCFG). The ISSCFG, introduced in 1971 and revised in 1990 and 2016, provides a broad categorisation of all types of fishing gear and operational practices, and is widely used in fisheries statistics around the world (see Annex).

This handbook provides a general overview of the main fishing gears currently used in the EU, outlining the essentials of what each gear is and how it works. The gear categories are structured according to the latest 2016 version of the ISSCFG. For each gear, the handbook indicates:

- The **FAO standard abbreviation** and the **ISSCFG code**, which identify the gear in fisheries statistics;
- The name of the gear in Danish (DK), German (DE), Spanish (ES), French (FR), Italian (IT), Dutch (NL) and Portuguese (PT);<sup>1</sup>
- The **type** of fishing (i.e. active or passive);
- The **target** group of species (and, if relevant, the water depth or the bottom characteristics of the zone where the gear commonly operates). This refers in particular to:
  - pelagic species (living in the water column);
  - demersal species (living close to the seabed);
  - benthic species (living on or under the seabed).
- A concise **description** of the typical gear design and the basic principle of the **operation** method, accompanied by an illustration of the gear.<sup>2</sup>

<sup>1</sup> The translation of the gear names is based on [Regulation 1379/2013](#) on the common organisation of the markets in fishery and aquaculture products (Annex III - Information on fishing gear), the French and Spanish versions of the FAO technical paper 672, 'Classification et définition illustrée des engins de pêche' and 'Clasificación y definición ilustrada de los artes de pesca', and the 'Multilingual dictionary of fishing gear'.

<sup>2</sup> This section is based in particular on the FAO technical paper 672 'Classification and illustrated definition of fishing gears', on the FAO online [factsheets](#), and on the Seafish guide 'Basic fishing methods'.

- The **main EU fishing fleets** that use the gear, either as the main gear or as a subsidiary gear, according to the [EU Fleet Register](#).<sup>3</sup>

For more information on each specific gear, a link to the corresponding FAO factsheet is provided. The handbook concludes with a list of further reading on the topic.

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<sup>3</sup> Database consulted on 22 May 2024. The Fleet Register shows the fishing vessels registered by a Member State at a given time, based on information provided by Member States. However, in some cases, particular gears are absent from the list registered by a Member State, but mentioned as present in the Member State in question in other reports (e.g. in the [Catalogue of fishing gear in the Mediterranean and Black Sea region](#)).

## 2. SURROUNDING NETS

### Purse seines

FAO standard abbreviation **PS**  
ISSCFG code 01.1

<b>DA</b>	Not
<b>DE</b>	Ringwaden
<b>ES</b>	Redes de cerco con jareta
<b>FR</b>	Sennes coulissantes
<b>IT</b>	Ciancioli
<b>NL</b>	Ringzege
<b>PT</b>	Redes de cerco com retenida

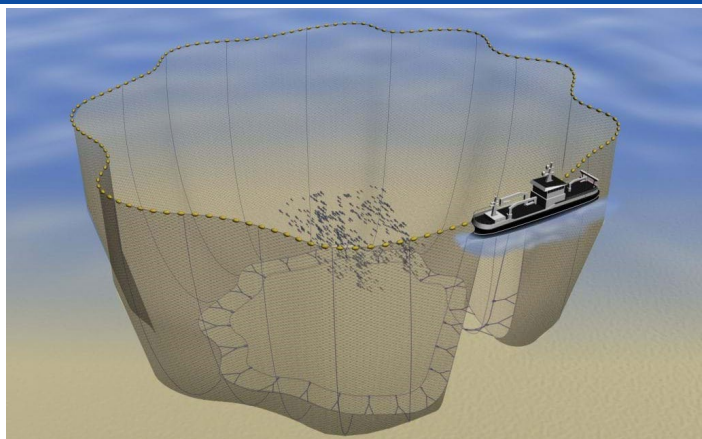


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Shoaling pelagic fishes of all sizes, up to 300 m water depth
<b>Description</b>	A purse seine is a wall of netting framed by a headrope with floats along the upper edge and by a weighted footrope at the lower edge. A purse line runs through the purse rings that hang from the lower edge of the gear, which allows the pursing of the net.
<b>Operation</b>	The purse seine is set around a detected school of fish and the net is closed underneath it by hauling the purse line. Fish Aggregating Devices (FAD) may be used to concentrate the fish.
<b>Main fleets</b>	Bulgaria, Croatia, Cyprus, Denmark, Estonia, France, Greece, Ireland, Italy, Malta, Netherlands, Portugal, Romania, Slovenia, Spain, Sweden

More information: FAO Factsheet [Purse seines](#)

### Surrounding nets without purse lines

FAO standard abbreviation **LA**  
ISSCFG code 01.2

<b>DA</b>	Uden snurpewire
<b>DE</b>	Umschließungsnetze ohne Schnürleine
<b>ES</b>	Redes de cerco sin jareta
<b>FR</b>	Filets tournants sans coulisse
<b>IT</b>	Rete da circuizione senza chiusura
<b>NL</b>	Ringzege zonder sluitlijn
<b>PT</b>	Redes de cerco sem retenida

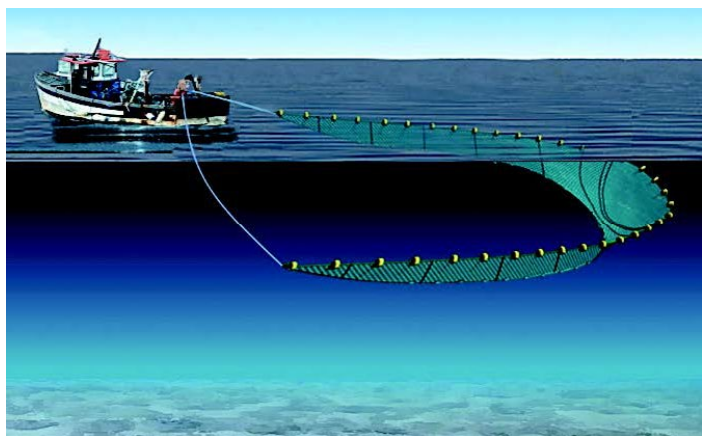


Image source: Lucchetti *et al.* (2023)

<b>Type</b>	Active
<b>Target</b>	Small pelagic species in coastal waters near the surface
<b>Description</b>	The gear consists of a wall of netting framed by an upper headrope with floats and a lower weighted footrope, with the footrope shorter than the headrope. The lampara net is the most representative type in this category. A light device is sometimes used at night to attract the fish.
<b>Operation</b>	With one of the wings attached to a marker buoy, the vessel deploys the central smaller-mesh part (termed bunt) and the other wing, to encircle the school of fish. The two wings are hauled simultaneously, concentrating the fish in the bunt.
<b>Main fleets</b>	Estonia, France, Malta

More information: FAO Factsheet [Surrounding nets without purse line](#)



### 3. SEINE NETS

#### Beach seines

FAO standard abbreviation **SB**  
ISSCFG code 02.1

<b>DA</b>	Landvod
<b>DE</b>	Strandwaden
<b>ES</b>	Chinchorros de playa
<b>FR</b>	Sennes de plage
<b>IT</b>	Sciabiche da spiaggia
<b>NL</b>	Strandzegens
<b>PT</b>	Xávegas



Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Pelagic and demersal species in shallow waters close to the shore
<b>Description</b>	A seine beach is a long-winged net, with the central part (bunt) consisting of smaller-mesh or a cone-shaped bag. It has a headrope with floats at the surface, and a weighted footrope that keeps it in contact with the bottom. The elongated wings are often prolonged with towing ropes.
<b>Operation</b>	With one end fastened on the beach, the gear is set out in a wide arc, and the other end is brought ashore. The two ends are towed from the beach, herding the fish in the bunt.
<b>Main fleets</b>	Bulgaria, Croatia, Estonia, France, Greece, Italy, Poland, Portugal, Romania, Sweden

More information: FAO Factsheet [Beach seines](#)

#### Boat seines - Danish seines

FAO standard abbreviation **SV-SDN**  
ISSCFG code 02.2

<b>DA</b>	Snurrevod
<b>DE</b>	Snurrewaden
<b>ES</b>	Redes de tiro danesas
<b>FR</b>	Sennes danoises
<b>IT</b>	Sciabiche danesi
<b>NL</b>	Deense zegens
<b>PT</b>	Redes de cerco dinamarquesas

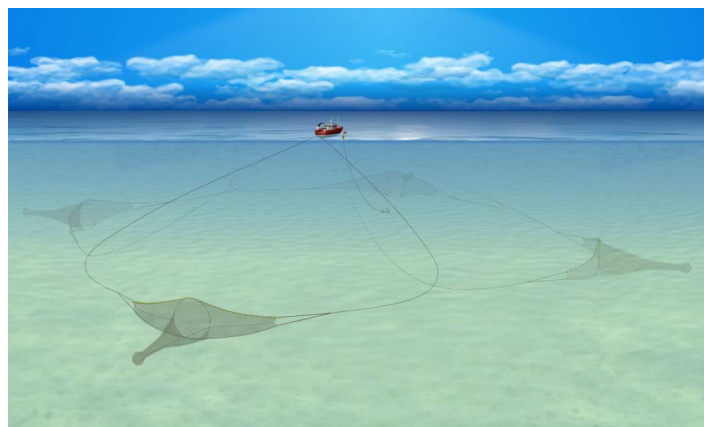


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Demersal and benthic species, mainly on smooth grounds up to 500 m water depth
<b>Description</b>	Boat seines are cone-shaped nets with elongated wings extended by long heavy seine ropes. The net is framed by a headrope with floats at the upper part, and by a weighted footrope that keeps it in contact with the bottom.
<b>Operation</b>	With one end of the gear attached to a marker (termed highflyer), the vessel lays the ropes and the net on the sea bottom, encircling the area, and returns to the highflyer. In Danish seining (also known as anchor seining), the highflyer is anchored. Back to the highflyer, the vessel attaches to the anchor and the net is hauled, with the ropes herding the fish towards the net. This operation can be repeated (see figure above showing four consecutive sets).
<b>Main fleets</b>	Denmark, Estonia, France, Germany, Ireland, Netherlands, Poland, Sweden

More information: FAO Factsheets [Boat seines](#) and [Danish seining](#)

## Boat seines - Scottish seines

FAO standard abbreviation **SV-SSC**

ISSCFG code 02.2

<b>DA</b>	Skotsk snurrevod (flyshootervod)
<b>DE</b>	Schottische Wadennetze
<b>ES</b>	Redes de tiro escocesas
<b>FR</b>	Sennes écossaises
<b>IT</b>	Sciabiche scozzesi
<b>NL</b>	Schotse zegens
<b>PT</b>	Redes escocesas

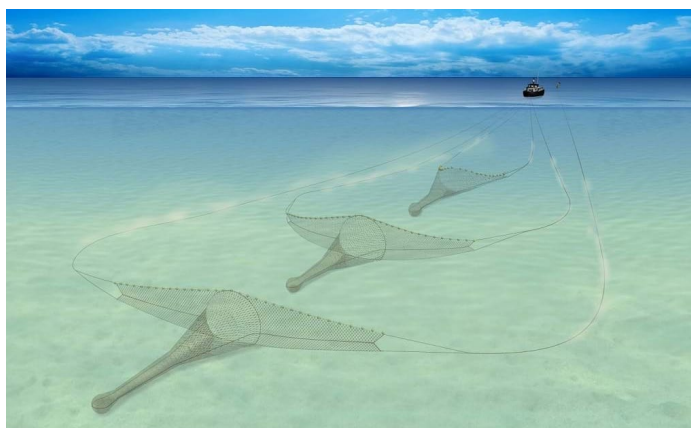


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Demersal and benthic species, mainly on smooth grounds up to 500 m water depth
<b>Description</b>	Boat seines are cone-shaped nets, with elongated wings extended by long, heavy seine ropes. The net is framed by a headrope with floats at the upper part, and by a weighted footrope that keeps it in contact with the bottom.
<b>Operation</b>	With one end of the gear attached to a marker (termed highflyer), the vessel lays the ropes and the net on the sea bottom, encircling the area, and returns to the highflyer. In Scottish seining (also known as fly dragging), the highflyer floats freely. After retrieving the highflyer, the vessel moves forward and the net is hauled, with the ropes closing up and herding the fish towards the net (see figure above showing three successive shapes during one set).
<b>Main fleets</b>	Belgium, Denmark, Estonia, Finland, France, Germany, Ireland, Netherlands

More information: FAO Factsheet [Boat seines](#) and [Scottish seining](#)

## Boat seines - Pair seines

FAO standard abbreviation **SV-SPR**

ISSCFG code 02.2

<b>DA</b>	Vod trukket af to fartøjer
<b>DE</b>	Zweischiff-Wadennetze
<b>ES</b>	Redes de tiro de pareja
<b>FR</b>	Sennes manœuvrées par deux navires
<b>IT</b>	Sciabiche a coppia
<b>NL</b>	Spanzegens
<b>PT</b>	Redes envolventes-arrastantes de parilha

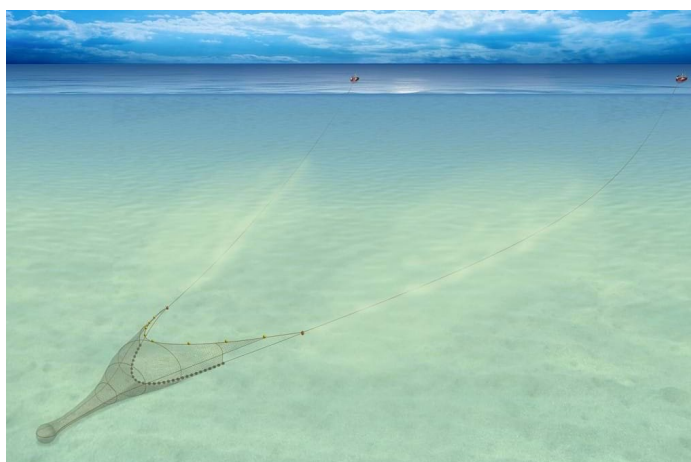


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Demersal and benthic species, mainly on smooth grounds up to 500 m water depth
<b>Description</b>	Boat seines are cone-shaped nets, with elongated wings extended by long heavy seine ropes. The net is framed by a headrope with floats at the upper part, and by a weighted footrope that keeps it in contact with the bottom.
<b>Operation</b>	The pair seine is operated by two boats. The main (shooting) vessel pays out one rope to deploy the seine and encircle an area of seabed, while a second vessel picks up the end of the other rope. The two vessels tow the net gradually closing up the ropes. When the net is closed, the second rope is passed to the main vessel and the net is hauled onboard.
<b>Main fleets</b>	France, Ireland, Netherlands

More information: FAO Factsheets [Boat seines](#) and [Pair seining](#)



## 4. TRAWLS

### Beam trawls

FAO standard abbreviation **TBB**  
ISSCFG code 03.11

<b>DA</b>	Bomtrawl
<b>DE</b>	Baumkurren
<b>ES</b>	Redes de arrastre de vara
<b>FR</b>	Chaluts à perche
<b>IT</b>	Sfogliare
<b>NL</b>	Boomkorren
<b>PT</b>	Redes de arrasto de vara

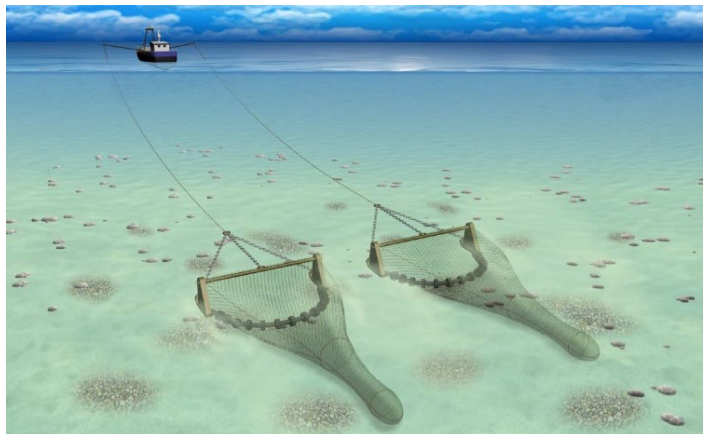


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Benthic species (mainly flatfish and shrimp), normally at less than 100 m water depth
<b>Description</b>	The beam trawl is a cone-shaped net ending in a bag (codend) that retains the catch. A heavy rigid beam maintains the horizontal opening of the net. The weighted groundgear at the lower edge of the net, often equipped with tickler chains, keeps it in close contact with the bottom.
<b>Operation</b>	The vessel tows one or (more commonly) several beam trawls on the seabed, often from outriggers (see figure above showing one beam trawl on each side of the vessel). The tickler chains running ahead of the groundgear stir up the fish from the seabed into the net.
<b>Main fleets</b>	Belgium, Bulgaria, Denmark, France, Germany, Ireland, Italy, Netherlands, Portugal, Romania

More information: FAO Factsheet [Beam trawls](#)

### Single boat bottom otter trawls

FAO standard abbreviation **OTB**  
ISSCFG code 03.12

<b>DA</b>	Skovlbundtrawl
<b>DE</b>	Grundscherbrettnetze
<b>ES</b>	Redes de arrastre de fondo de puertas
<b>FR</b>	Chaluts de fond à panneaux
<b>IT</b>	Reti a strascico a tavoloni
<b>NL</b>	Bodemottertrawls
<b>PT</b>	Redes de arrasto pelo fundo

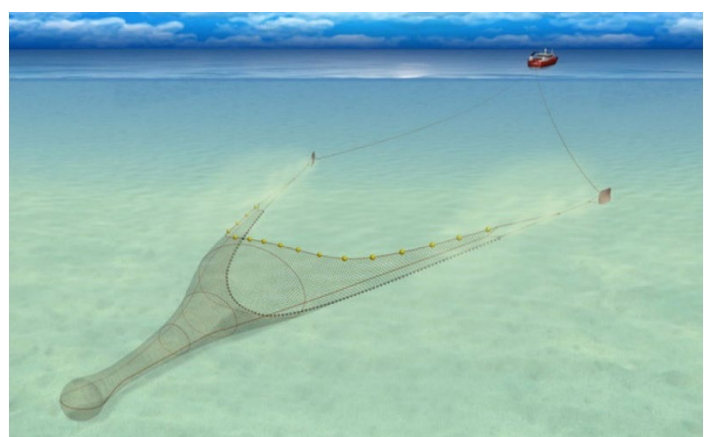


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Demersal and benthic species (especially gadoids, flatfishes and shrimps), up to >1 000 m depth
<b>Description</b>	The bottom otter trawl is a cone-shaped net ending in a bag (codend) that retains the catch. Its wingends are connected through bridles and sweeps to two otter boards (termed doors), which maintain the horizontal opening of the net. The heavy otter boards and groundgear keep the net in close contact with the bottom. It is the most common type of bottom trawl.
<b>Operation</b>	The vessel tows the otter trawl on the seabed. The otter boards, along with the bridles and the sweeps, herd the fish into the path of the net.
<b>Main fleets</b>	Belgium, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Slovenia, Spain, Sweden

More information: FAO Factsheet [Single boat bottom otter trawls](#)

## Twin bottom otter trawls

FAO standard abbreviation **OTT**  
 ISSCFG code 03.13

<b>DA</b>	Dobbelttrawl
<b>DE</b>	Grundscherbrett-Hosennetze
<b>ES</b>	Redes de arrastre gemelas con puertas
<b>FR</b>	Chaluts jumeaux à panneaux
<b>IT</b>	Reti gemelle a divergenti
<b>NL</b>	Dubbele bordentrawls
<b>PT</b>	Redes de arrasto geminadas com portas

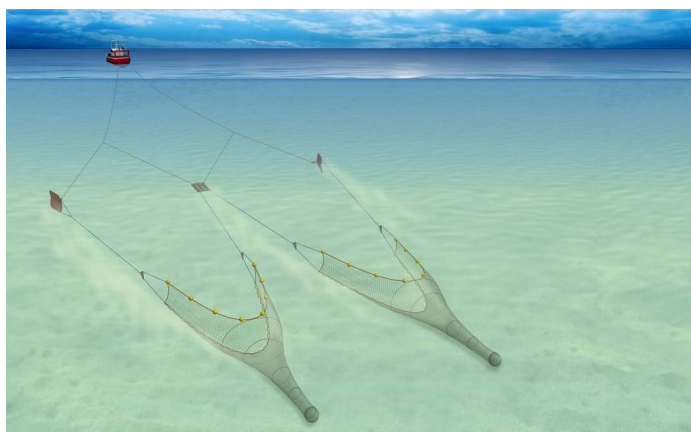


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Demersal and benthic species (mainly flatfishes and shrimps), typically in shallow coastal waters
<b>Description</b>	The twin trawl combines two bottom otter trawls (see OTB), each of which is usually rigged between one of the two otter boards and a central clump weight.
<b>Operation</b>	One vessel tows two adjacent otter trawls on the seabed (to cover a wider area than with a single one). The otter boards, the bridles and the sweeps herd the fish into the path of the nets.
<b>Main fleets</b>	Denmark, France, Germany, Ireland, Netherlands, Poland

More information: FAO Factsheet [Twin bottom otter trawls](#)

## Bottom pair trawls

FAO standard abbreviation **PTB**  
 ISSCFG code 03.15

<b>DA</b>	Parbundtrawl
<b>DE</b>	Zweischiffgrundschleppnetze
<b>ES</b>	Redes de arrastre de fondo a la pareja
<b>FR</b>	Chaluts-boeufs de fond
<b>IT</b>	Reti a strascico a coppia
<b>NL</b>	Spantrawls
<b>PT</b>	Redes de arrasto pelo fundo de parelha

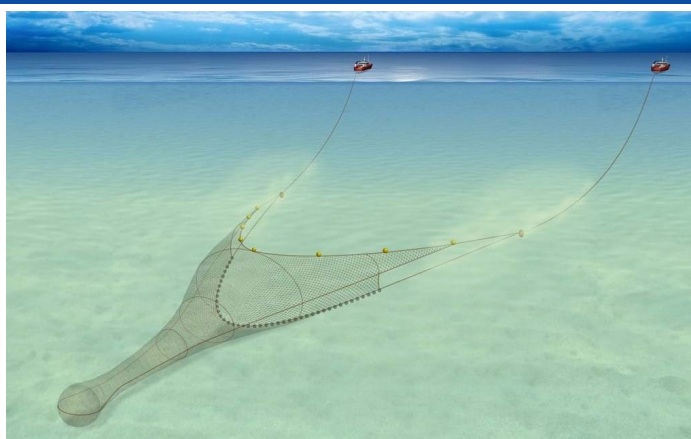


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Benthic species (mainly flatfishes and, to a lesser extent, shrimps), up to 800 m water depth
<b>Description</b>	The bottom pair trawl is a cone-shaped net ending in a bag (codend) that retains the catch. Each of the two wingends is connected to a vessel through bridles and sweeps, extended by long heavy towing wires. The distance between the vessels maintains the horizontal opening of the net.
<b>Operation</b>	Two vessels simultaneously tow the trawl on the seabed. One of the vessels handles the trawl and takes the catch, while the other is only a towing vessel. The two vessels must maintain a constant distance between them and an equal towing pull, so that the trawl is symmetrical during fishing. The bridles and the sweeps, as well as the towing wires, herd the fish into the path of the net.
<b>Main fleets</b>	Estonia, Finland, France, Germany, Ireland, Netherlands, Poland, Spain, Sweden

More information: FAO Factsheet [Bottom pair trawls](#)



## Single boat midwater otter trawls

FAO standard abbreviation **OTM**

ISSCFG code 03.21

<b>DA</b>	Skovlflydetrawl
<b>DE</b>	Pelagische Scherbrettnetze
<b>ES</b>	Redes de arrastre pelágico de puertas
<b>FR</b>	Chaluts pélagiques à panneaux
<b>IT</b>	Reti da traino pelagiche a divergenti
<b>NL</b>	Zwevende ottertrawls
<b>PT</b>	Rede de arrasto pelágico com portas

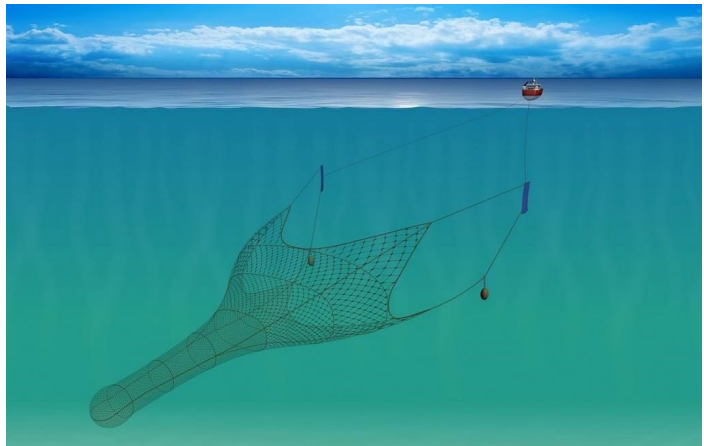


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Shoaling pelagic fishes
<b>Description</b>	The midwater (or pelagic) otter trawl is a cone-shaped net, with very large meshes in the front part and smaller meshes in the narrow section, equipped with circumferential strengthening ropes to prevent bursting. It has a large vertical opening, often maintained by clump weights attached to the lower wingends. The horizontal opening of the net is due to two lightweight hydrodynamic otter boards, connected to the wingends through bridles.
<b>Operation</b>	The vessel tows the trawl in midwater, adjusting the depth of the net to intercept a detected school of fish. The large meshes of the trawl mouth direct the shoaling fish towards the body of the net.
<b>Main fleets</b>	Bulgaria, Croatia, Denmark, Estonia, Finland, France, Germany, Ireland, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovenia, Sweden

More information: FAO Factsheet [Single boat midwater otter trawls](#)

## Midwater pair trawls

FAO standard abbreviation **PTM**

ISSCFG code 03.22

<b>DA</b>	Parflydetrawl
<b>DE</b>	Pelagische Zweischiffsschleppnetze
<b>ES</b>	Redes de arrastre pelágico a la pareja
<b>FR</b>	Chaluts-boeufs pélagiques
<b>IT</b>	Reti da traino pelagiche a coppia
<b>NL</b>	Pelagische spantrawls
<b>PT</b>	Redes de arrasto pelágico de parelha

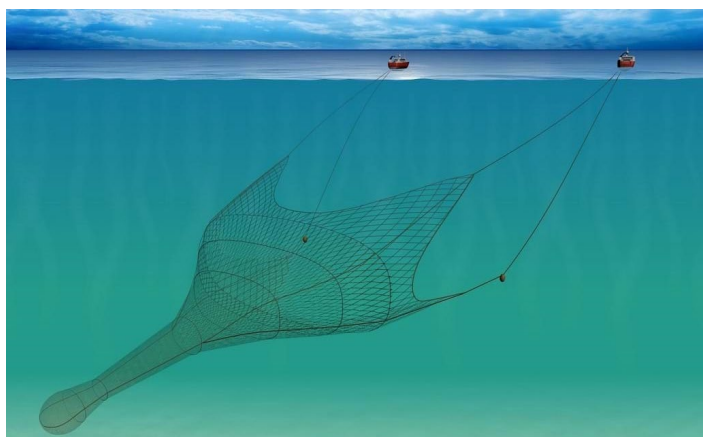


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Shoaling pelagic fishes, in particular near the surface
<b>Description</b>	The net is similar to the midwater otter trawl (OTM), but the horizontal opening of the net is determined by the distance between the two vessels towing the net.
<b>Operation</b>	The two vessels simultaneously tow the trawl in midwater, adjusting the depth of the net to intercept a detected school of fish. The large meshes of the trawl mouth direct the shoaling fish towards the body of the net.
<b>Main fleets</b>	Bulgaria, Estonia, Finland, France, Germany, Ireland, Italy, Lithuania, Netherlands, Poland, Sweden

More information: FAO Factsheet [Midwater pair trawls](#)



## 5. DREDGES

### Towed dredges

FAO standard abbreviation **DRB**

ISSCFG code 04.1

<b>DA</b>	Skrabere
<b>DE</b>	Bootdredgen
<b>ES</b>	Rastras para embarcación
<b>FR</b>	Dragues remorquées par bateau
<b>IT</b>	Draghe tirate da natanti
<b>NL</b>	Vanaf een schip bediende korren
<b>PT</b>	Dragas rebocadas por embarcação

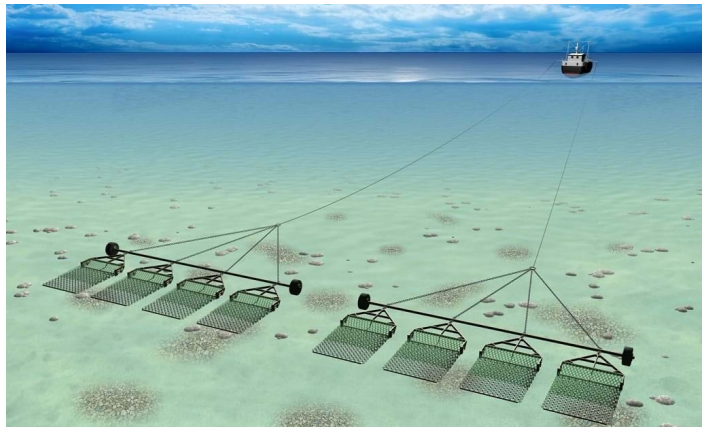


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Shellfish species (mainly mussels, oysters, scallops and clams)
<b>Description</b>	A dredge is a cage-like structure with a rigid metallic frame and a chain mail collecting bag. The lower edge of the frame (termed cutting bar) may be equipped with teeth or a blade that scrape the sea bottom.
<b>Operation</b>	The vessel tows one or several dredges on the sea bottom. In the latter case, the dredges are attached side by side to a towing bar, connected by bridles to a single towing warp. The gear digs the shellfish out of the substrate and collects them into the cage.
<b>Main fleets</b>	Belgium, Croatia, Denmark, Estonia, France, Germany, Ireland, Italy, Netherlands, Portugal, Romania, Slovenia

More information: FAO Factsheet [Towed dredges](#)

### Hand dredges

FAO standard abbreviation **DRH**

ISSCFG code 04.2

<b>DA</b>	Håndbetjente skrabere
<b>DE</b>	Handdredgen
<b>ES</b>	Rastras de mano
<b>FR</b>	Dragues à main
<b>IT</b>	Draghe a mano
<b>NL</b>	Handskorren
<b>PT</b>	Dragas de mão

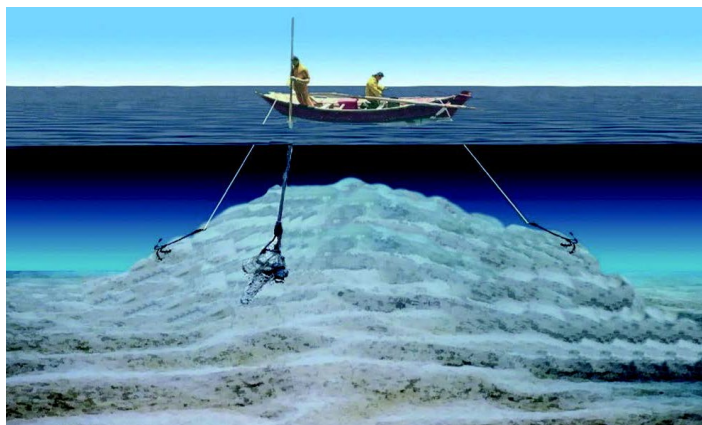


Image source: Lucchetti *et al.* (2023)

<b>Type</b>	Active
<b>Target</b>	Shellfish species (mainly mussels, oysters, scallops and clams), in shallow waters
<b>Description</b>	A dredge is a cage-like structure with a rigid metallic frame and a chain mail collecting bag. The lower edge of the frame (termed cutting bar) may be equipped with teeth or a blade that scrape the sea bottom. The hand dredge is smaller and lighter than the towed dredge.
<b>Operation</b>	The hand dredge can be pulled manually or towed from a small boat, to dig the shellfish out of the substrate and collect them in the cage.
<b>Main fleets</b>	France, Greece, Ireland, Netherlands, Portugal, Sweden

More information: FAO Factsheet [Hand dredges](#)

## Mechanized dredges

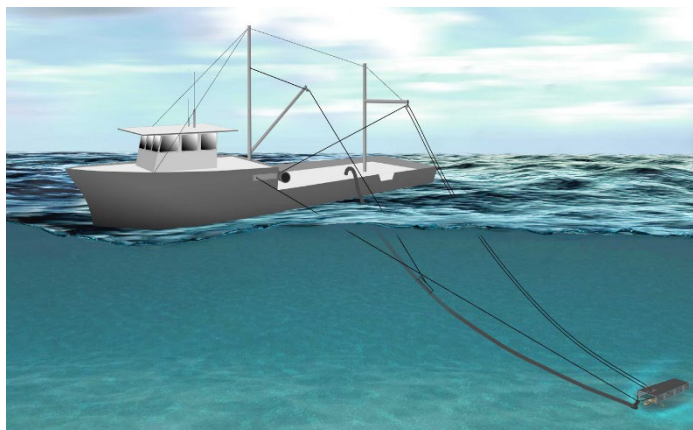
FAO standard abbreviation

**DRM**

ISSCFG code

04.3

<b>DA</b>	Motoriserede skrabere
<b>DE</b>	Mechanisierte Dredgen
<b>ES</b>	Rastras mecanizadas
<b>FR</b>	Dragues mécanisées
<b>IT</b>	Draghe automatiche
<b>NL</b>	Gemechaniseerde dredgen
<b>PT</b>	Dragas mecanizadas

Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Shellfish species (mainly mussels and clams)
<b>Description</b>	A dredge is a cage-like structure with a rigid metallic frame and a chain mail collecting bag. Mechanized (or hydraulic) dredges are equipped with extensive accessory gear such as hoses and high--pressure hydraulic jet pumps.
<b>Operation</b>	The mechanised dredge uses hydraulic pressure to dislodge shellfish from the sediment. The boat either operates while anchored, or slowly tows the gear. The shellfish are scooped up by the dredge located behind the water jets. Sometimes the gear may be combined with suction pumps, escalators or conveyors.
<b>Main fleets</b>	France, Ireland, Netherlands

More information: FAO Factsheet [Mechanized dredges](#)

## 6. LIFT NETS

### Boat-operated lift nets

FAO standard abbreviation **LNB**

ISSCFG code 05.2

<b>DA</b>	Synkenot
<b>DE</b>	Senktücher (von Booten ausgesetzt)
<b>ES</b>	Redes izadas maniobradas desde embarcación
<b>FR</b>	Filets soulevés manœuvrés par bateau
<b>IT</b>	Reti da raccolta manovrate da natanti
<b>NL</b>	Vanaf een schip bediende kruisnetten
<b>PT</b>	Redes de sacada manobradas de embarcações

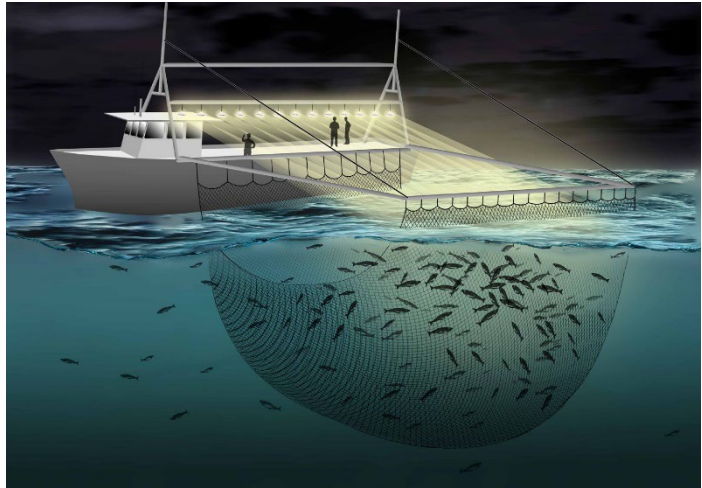


Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Small pelagic species
<b>Description</b>	A lift net is a piece of netting mounted on a rectangular frame.
<b>Operation</b>	The gear is deployed in the water column from one or more boats. The fish, often attracted above the net by bait or (at night) by lights, are caught by lifting the net.
<b>Main fleets</b>	Finland, France, Greece, Ireland, Portugal

More information: FAO Factsheet [Boat-operated lift nets](#)

### Shore-operated stationary lift nets

FAO standard abbreviation **LNS**

ISSCFG code 05.3

<b>DA</b>	Faststående løftenet
<b>DE</b>	Stationäre Hebenetze
<b>ES</b>	Redes izadas maniobradas desde la costa
<b>FR</b>	Filets soulevés fixes manœuvrés du rivage
<b>IT</b>	Reti da raccolta fisse manovrate da terra
<b>NL</b>	Vanaf de oever bediende kruisnetten
<b>PT</b>	Redes de sacada manobradas de terra

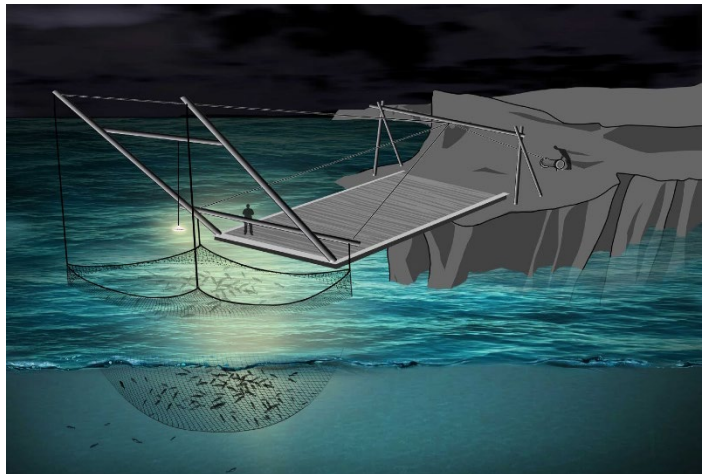


Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Pelagic species near the shore
<b>Description</b>	A lift net is a piece of netting mounted on a rectangular frame.
<b>Operation</b>	The gear is deployed in the water column from a stationary platform located on the shore. The fish, often attracted above the net by bait or (at night) by lights, are caught by lifting the net.
<b>Main fleets</b>	France

More information: FAO Factsheet [Shore-operated stationary lift nets](#)





## 7. GILLNETS AND ENTANGLING GEAR

### Set gillnets (anchored)

FAO standard abbreviation **GNS**

ISSCFG code 07.1

<b>DA</b>	Bundsæt garn
<b>DE</b>	Stellnetze-Kiemennetze
<b>ES</b>	Redes de enmalle de fondo (ancladas)
<b>FR</b>	Filets maillants calés (ancrés)
<b>IT</b>	Reti da posta (ancorate)
<b>NL</b>	Geankerde kieuwnetten
<b>PT</b>	Redes de emalhar de fundo (fundeadas)

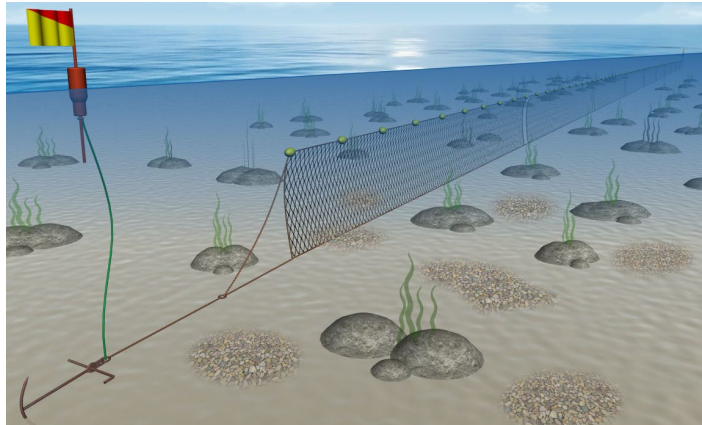


Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Demersal and benthic species, mainly in waters up to 100 m depth (but possible up to 1 000 m)
<b>Description</b>	Gillnets are long rectangular walls of netting, held open vertically by an upper headrope with floats and by a lower weighted footrope. Most often, they form a long chain of nets tied together, stretching for up to several kilometres. The set gillnet is fixed to the seabed, usually at both ends, and marked with buoys at the surface. It is the most common type of gillnets.
<b>Operation</b>	The vessel sets the gillnet, usually on the sea bottom, or at different depths depending on the target species. Fish that swim into the net are caught in the meshes by their gills.
<b>Main fleets</b>	Belgium, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovenia, Spain, Sweden

More information: FAO Factsheet [Set gillnets \(anchored\)](#)

### Drift gillnets

FAO standard abbreviation **GND**

ISSCFG code 07.2

<b>DA</b>	Drivgarn
<b>DE</b>	Treibnetze
<b>ES</b>	Redes de enmalle de deriva
<b>FR</b>	Filets maillants dérivants
<b>IT</b>	Reti da posta derivanti
<b>NL</b>	Drijfnetten
<b>PT</b>	Redes de emalhar derivantes

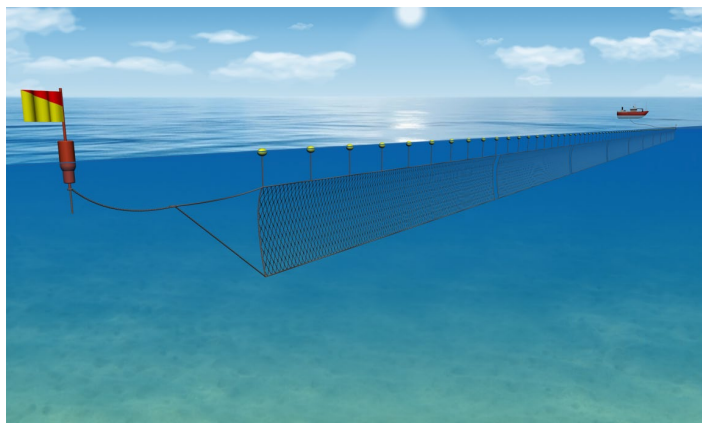


Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Pelagic fishes near the surface
<b>Description</b>	Gillnets are long rectangular walls of netting, held open vertically by an upper headrope with floats and by a lower weighted footrope. Most often, they form a long chain of nets tied together. The maximum total length of drift gillnets allowed in the EU is 2.5 km. A drift gillnet is not fixed but is allowed to drift with the current, attached to the vessel or to a marker buoy.
<b>Operation</b>	The vessel suspends the drift gillnet, usually near the surface, or at different depths depending on the target species. Fish that swim into the net are caught in the meshes by their gills.
<b>Main fleets</b>	Bulgaria, Denmark, Estonia, Finland, France, Ireland, Italy, Lithuania, Netherlands, Poland, Portugal, Slovenia, Sweden

More information: FAO Factsheet [Drift gillnets](#)

## Encircling gillnets

FAO standard abbreviation **GNC**  
 ISSCFG code 07.3

<b>DA</b>	Omkredsende garn
<b>DE</b>	Umschließende Kiemennetze
<b>ES</b>	Redes de enmalle de cerco
<b>FR</b>	Filets maillants encerclants
<b>IT</b>	Reti da posta circuitanti
<b>NL</b>	Omringende kieuwnetten
<b>PT</b>	Redes de emalhar envolventes

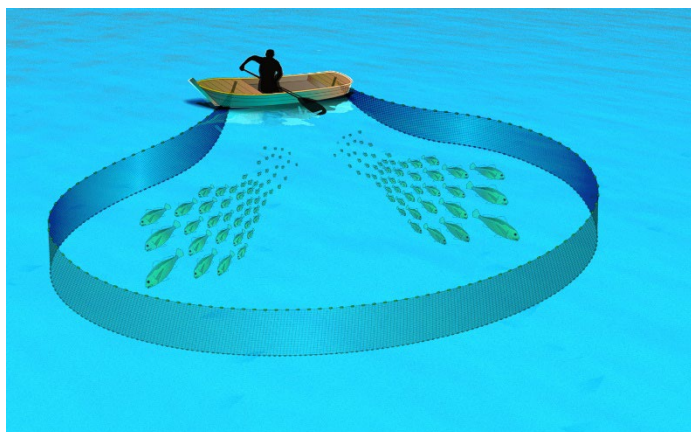


Image source: He *et al.* (2021)

<b>Type</b>	Passive
<b>Target</b>	Pelagic and demersal species in very shallow coastal waters
<b>Description</b>	Gillnets are long rectangular walls of netting, held open vertically by an upper headrope with floats and by a lower weighted footrope.
<b>Operation</b>	The vessel deploys the encircling gillnet around a fish aggregation, with the headrope at the surface and the footrope on the seabed. The fish, driven towards the net with noises or visual stimuli, are entangled or caught in the meshes by their gills.
<b>Main fleets</b>	Finland, France, Germany, Greece, Ireland, Netherlands, Poland

More information: FAO Factsheet [Encircling gillnets](#)

## Fixed gillnets (on stakes)

FAO standard abbreviation **GNF**  
 ISSCFG code 07.4

<b>DA</b>	Garn fastgjort (til pæle)
<b>DE</b>	Stellnetze (an Stangen)
<b>ES</b>	Redes de enmalle fijas (en estacas)
<b>FR</b>	Filets maillants fixes (sur perches)
<b>IT</b>	Reti da posta (a pali)
<b>NL</b>	Staand kieuwnet (op palen)
<b>PT</b>	Tapa-esteiros (em estacas)

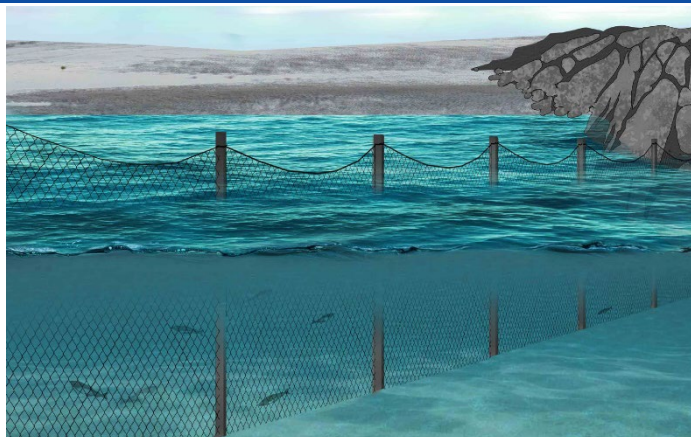


Image source: He *et al.* (2021)

<b>Type</b>	Passive
<b>Target</b>	Pelagic and demersal species in very shallow coastal waters
<b>Description</b>	A fixed gillnet is a long rectangular wall of netting, held open vertically by hanging the net on an alignment of stakes driven into the seabed along the coast.
<b>Operation</b>	The fixed gillnet is deployed in coastal areas with significant tides. Fish reaching the area at high tide become entangled or caught in the meshes by their gills, or concentrate at the bottom of the net at low tide.
<b>Main fleets</b>	Denmark, France

More information: FAO Factsheet [Fixed gillnets \(on stakes\)](#)



## Trammel nets

FAO standard abbreviation **GTR**  
 ISSCFG code 07.5

<b>DA</b>	Toggergarn
<b>DE</b>	Stellnetze-Verwickelnetze
<b>ES</b>	Trasmallos
<b>FR</b>	Trémails
<b>IT</b>	Tremagli
<b>NL</b>	Schakels
<b>PT</b>	Tresmalhos



Image source: He *et al.* (2021)

<b>Type</b>	Passive
<b>Target</b>	Demersal species
<b>Description</b>	The trammel net is a long rectangular wall of netting, held open vertically by an upper headrope with floats and by a lower weighted footrope; but unlike the gillnet, it consists of three layers of netting: two outer layers of large mesh, with an inner layer of fine, small mesh hanging loosely in between. In the figure above, the outer and inner layers are shown in white and black respectively.
<b>Operation</b>	The trammel net is deployed on the seabed, similarly to the set gillnet (GNS). As fish swim through one of the outer layers of the large-mesh net, the inner fine-mesh slack layer entraps them in a pocket or entangle them in the net.
<b>Main fleets</b>	Belgium, Bulgaria, Croatia, Cyprus, Denmark, Estonia, France, Germany, Greece, Ireland, Lithuania, Malta, Netherlands, Poland, Portugal, Slovenia, Spain, Sweden

More information: FAO Factsheet [Trammel nets](#)

## Combined gillnets-trammel nets

FAO standard abbreviation **GTN**  
 ISSCFG code 07.6

<b>DA</b>	Kombineret garn og toggergarn
<b>DE</b>	Kombinierte Kiemen-/Verwickelnetze
<b>ES</b>	Redes atrasmalladas y redes de enmalle combinadas
<b>FR</b>	Trémails et filets maillants combinés
<b>IT</b>	Reti combinate (da imbrocco-tremagli)
<b>NL</b>	Gecombineerde kieuwnetten en schakels
<b>PT</b>	Redes mistas de emalhar-tresmalho

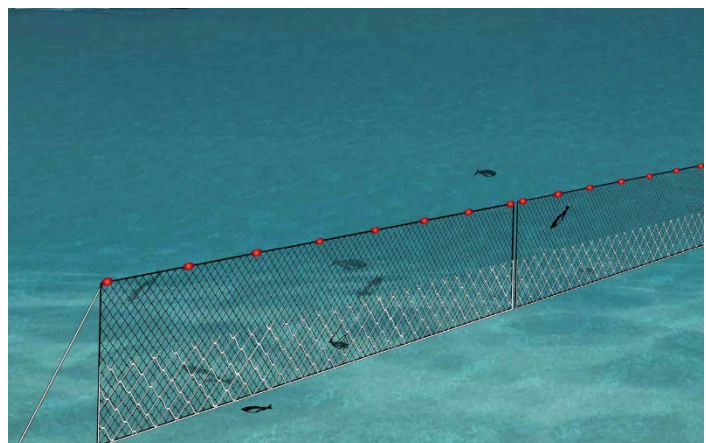


Image source: He *et al.* (2021)

<b>Type</b>	Passive
<b>Target</b>	Demersal and pelagic species, near the seabed
<b>Description</b>	The combined gillnet-trammel net consists of a regular gillnet (GNS) in the upper part, to gill semi-demersal or pelagic fish, and a trammel net (GTR) in the lower part, to entangle bottom fish.
<b>Operation</b>	The gear is deployed on the seabed similarly to the set gillnet (GNS).
<b>Main fleets</b>	Croatia, Estonia, Finland, France, Greece, Ireland, Malta, Netherlands, Slovenia

More information: FAO Factsheet [Combined gillnets-trammel nets](#)



## 8. TRAPS

### Stationary uncovered pound nets

FAO standard abbreviation

**FPN**

ISSCFG code

08.1

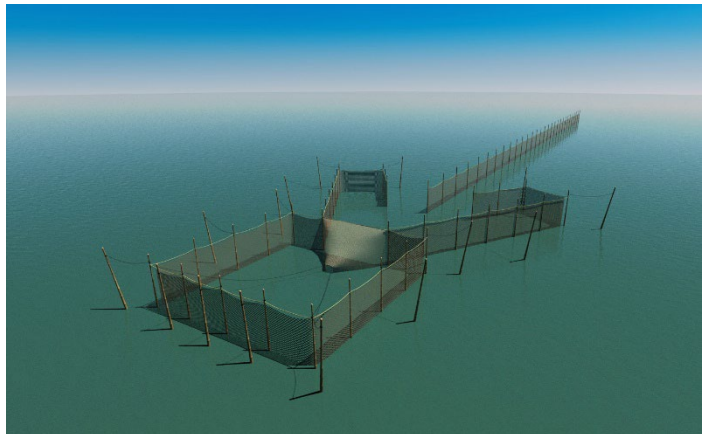
**DA** Ikke overdækket bundgarn**DE** Nicht bedeckte stationäre Reuse**ES** Almadrabas fijas descubiertas**FR** Filets-pièges fixes non couverts**IT** Rete trappola non coperta**NL** Onbedekte kom**PT** Almadravas

Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Mainly migratory fish species, in shallow coastal waters
<b>Description</b>	The pound net is usually a large net, anchored with a mooring system or fixed on stakes, so as to form one or more chambers. The opening of the chamber, commonly funnel-shaped, is designed to provide easy entry and difficult exit.
<b>Operation</b>	The gear is placed in the path of fish migration or daily movement. Long leader nets intercept the fish and guide them to the holding chamber where they are captured.
<b>Main fleets</b>	Denmark, Estonia, Germany, Poland, Romania

More information: FAO Factsheet [Stationary uncovered pound nets](#)

### Pots

FAO standard abbreviation

**FPO**

ISSCFG code

08.2

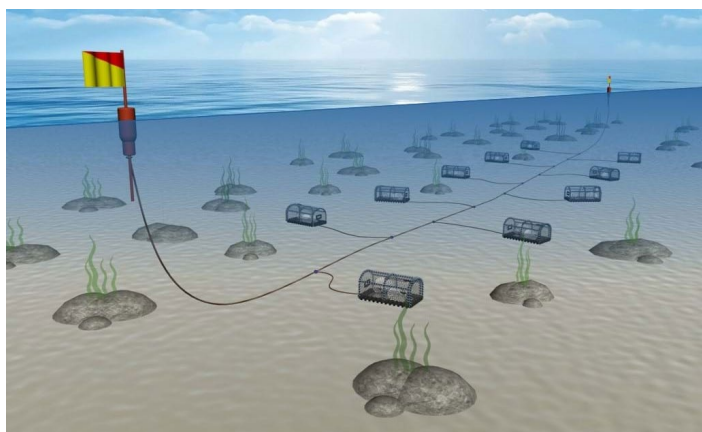
**DA** Tejner**DE** Reusen**ES** Nasas**FR** Nasses (casiers)**IT** Nasse**NL** Korven**PT** Nassas

Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Mainly shellfish (lobsters, crabs, shrimps, cephalopods), and all kinds of reef fish
<b>Description</b>	Pots are cages of different shapes, with one or more entrances, one or more chambers, a bait container and a lid or side door for accessing the catch and rebaiting. The opening of the chamber, commonly funnel-shaped, is designed to provide easy entry and difficult exit.
<b>Operation</b>	The pots are set on the seabed, usually baited, connected by a rope to a marker on the surface. Animals attracted into the pot are prevented from escaping.
<b>Main fleets</b>	Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovenia, Spain, Sweden

More information: FAO Factsheet [Pots](#)

## Fyke nets

FAO standard abbreviation

**FYK**

ISSCFG code

08.3

<b>DA</b>	Garnruse
<b>DE</b>	Garnreuse
<b>ES</b>	Garlitos
<b>FR</b>	Verveux
<b>IT</b>	Cogollo
<b>NL</b>	Fuik
<b>PT</b>	Galricho

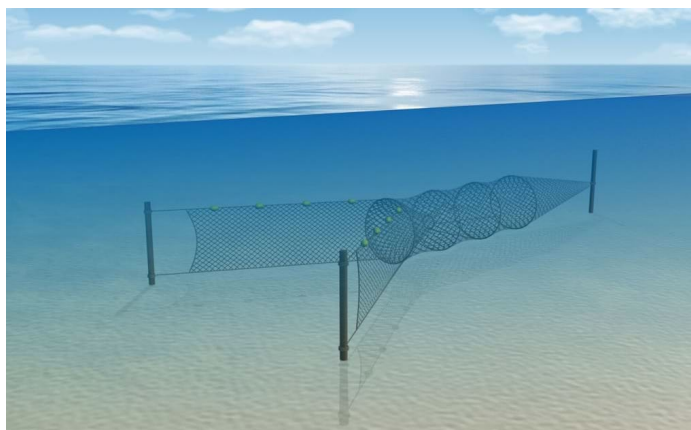


Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Coastal species, in particular on sandy bottoms in shallow waters
<b>Description</b>	A fyke net is a tubular net closed at one end, mounted on hoops and fitted with funnel-shaped structures inside. It is fixed on the seabed with anchors, weights or stakes. Usually the entrance is equipped with long wings.
<b>Operation</b>	The wings and the inside structure guide the fish towards the closed end of the fyke net.
<b>Main fleets</b>	Denmark, Finland, France, Netherlands, Poland

More information: FAO Factsheet [Fyke nets](#)

## 9. HOOKS AND LINES

### Handlines and hand-operated pole-and-lines

FAO standard abbreviation

**LHP**

ISSCFG code

09.1

<b>DA</b>	Håndliner og stangler (håndbetjente)
<b>DE</b>	Hand- und Angelleinen (handbetrieben)
<b>ES</b>	Líneas de mano y cañas (manuales)
<b>FR</b>	Lignes à main et lignes avec cannes (manœuvrées à la main)
<b>IT</b>	Lenze a mano e a canna (manovrate a mano)
<b>NL</b>	Handlijnen en hengelsnoeren (met de hand bediend)
<b>PT</b>	Linhas de mão e linhas de vara (operadas manualmente)

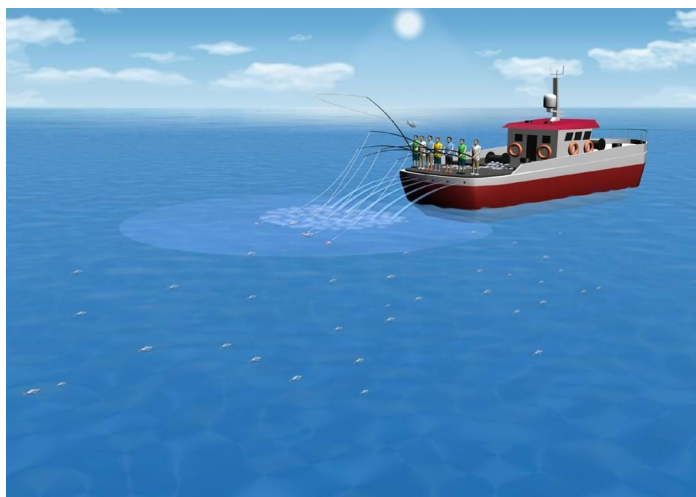


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Diverse (in particular tuna in tropical waters)
<b>Description</b>	This category includes handlines operated by a fisher. The hooks, baited with natural baitfish or artificial lures, are attached either to the line or to an additional pole. Manual reels may be used to retrieve the line when fishing in deep water.
<b>Operation</b>	The line is baited and cast from the shore or from a boat, capturing the fish that take the bait. In the case of jigging lines operated by hand, also included in this category, the hooks are moved rhythmically up and down, to simulate the movement of small fish.
<b>Main fleets</b>	Bulgaria, Croatia, Cyprus, Estonia, France, Germany, Greece, Ireland, Italy, Malta, Netherlands, Poland, Portugal, Romania, Slovenia, Spain, Sweden

More information: FAO Factsheet [Handlines and hand-operated pole-and-lines](#)

### Mechanized lines and pole-and-lines

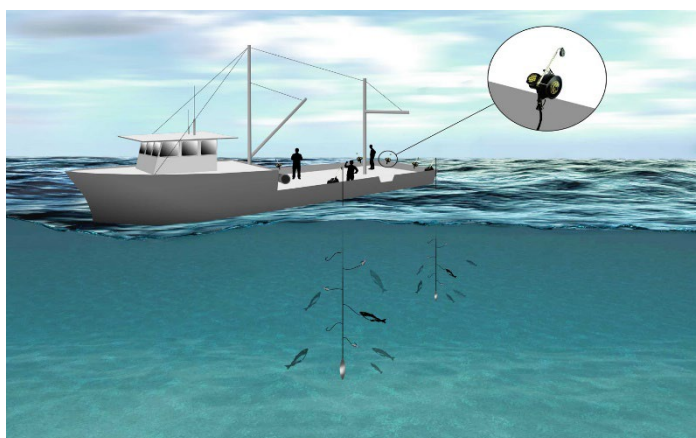
FAO standard abbreviation

**LHM**

ISSCFG code

09.2

<b>DA</b>	Håndliner og stangler (mekaniske)
<b>DE</b>	Hand- und Angelleinen (mechanisiert)
<b>ES</b>	Líneas de mano y cañas (mecanizadas)
<b>FR</b>	Lignes à main et avec cannes (mécanisées)
<b>IT</b>	Lenze a mano e a canna (meccanizzate)
<b>NL</b>	Handlijnen en hengelsnoeren (machinaal)
<b>PT</b>	Linhas de mão e linhas de vara (mecanizadas)

Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Diverse
<b>Description</b>	This category includes handlines operated mechanically by powered reels. The hooks, baited with natural baitfish or artificial lures, are attached either to the line or to an additional pole.
<b>Operation</b>	The line is baited and cast from the shore or from a boat, capturing the fish that take the bait. Mechanized jigging lines, also included in this category, use jigging machines to move the hooks rhythmically up and down, to simulate the movement of small fish.
<b>Main fleets</b>	Bulgaria, Denmark, Estonia, France, Greece, Ireland, Malta, Netherlands, Poland

More information: FAO Factsheet [Mechanized lines and pole-and-lines](#)



## Set longlines

FAO standard abbreviation **LLS**  
ISSCFG code 09.31

<b>DA</b>	Langliner til bundfiskeri
<b>DE</b>	Grundangleinen
<b>ES</b>	Palangres de fondo
<b>FR</b>	Palangres calées
<b>IT</b>	Palangari fissi
<b>NL</b>	Grondbeugen
<b>PT</b>	Palangres de fundo

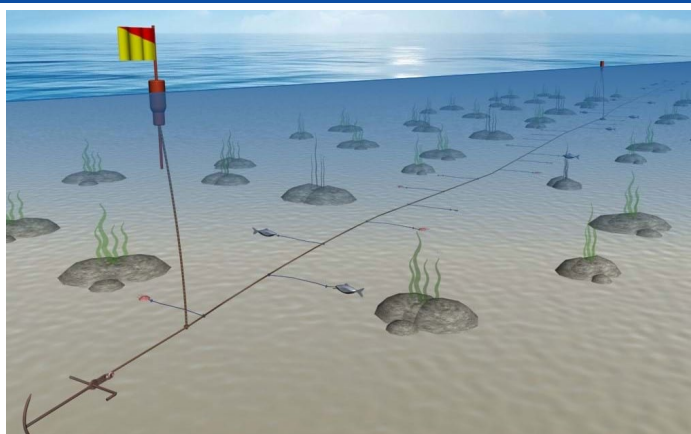


Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Demersal and benthic species on all types of bottoms
<b>Description</b>	A longline consists of a horizontal mainline attached to branch lines (termed snoods) that end with baited hooks. Set (or demersal) longlines are fixed on or near the seabed at both ends of the mainline, with a marker buoy at one end. The gear may be tens of kilometres long. It is the most common type of hooks-and-lines gear.
<b>Operation</b>	The longlines are baited and set on the seabed, capturing the fish that take the bait.
<b>Main fleets</b>	Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovenia, Spain, Sweden

More information: FAO Factsheet [Set longlines](#)

## Drifting longlines

FAO standard abbreviation **LLD**  
ISSCFG code 09.32

<b>DA</b>	Flydeliner
<b>DE</b>	Langleine (treibend)
<b>ES</b>	Palangres de deriva
<b>FR</b>	Palangres dérivantes
<b>IT</b>	Palangari derivanti
<b>NL</b>	Drijvende beugen
<b>PT</b>	Palangres derivantes

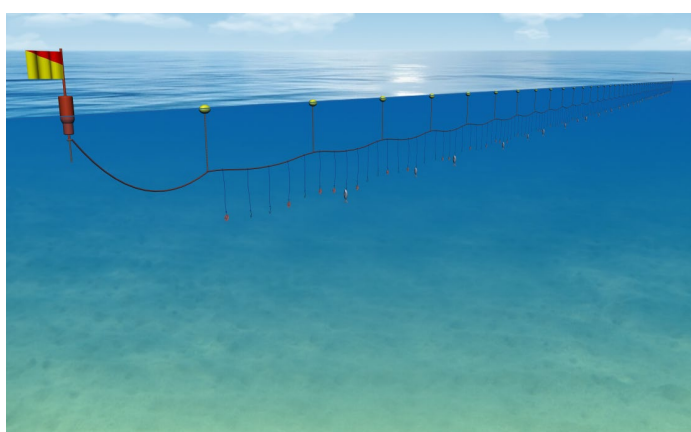


Image source: Seafish

<b>Type</b>	Passive
<b>Target</b>	Large pelagic fishes (mainly tuna, swordfish and sharks)
<b>Description</b>	A longline consists of a horizontal mainline attached to branch lines (termed snoods) that end with baited hooks. Drifting (or pelagic) longlines move passively with the current. The main line, suspended from floats, moves near the surface or in the water column, usually with one end attached to the drifting vessel. The gear may be tens of kilometres long.
<b>Operation</b>	The longlines are baited and deployed, capturing the fish that take the bait.
<b>Main fleets</b>	Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Latvia, Malta, Netherlands, Poland, Portugal, Spain

More information: FAO Factsheet [Drifting longlines](#)

## Vertical lines

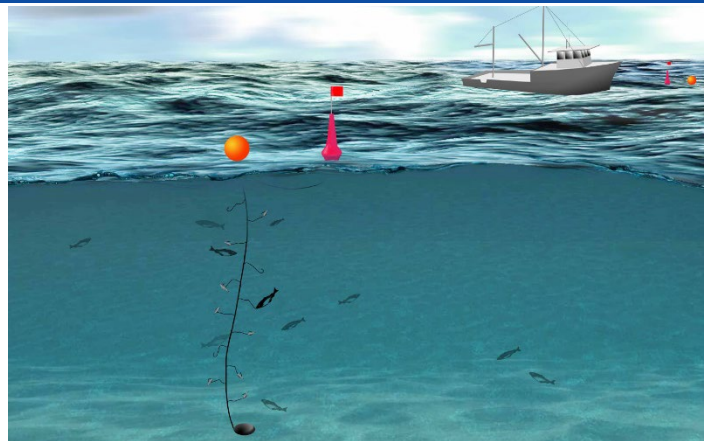
FAO standard abbreviation

**LVT**

ISSCFG code

09.4

<b>DA</b>	Lodret snøre
<b>DE</b>	Vertikale Leinen
<b>ES</b>	Líneas verticales
<b>FR</b>	Lignes verticales
<b>IT</b>	Lenze verticali
<b>NL</b>	Verticale lijnen
<b>PT</b>	Linhas verticais

Image source: He *et al.* (2021)

<b>Type</b>	Passive
<b>Target</b>	Pelagic, demersal and benthic species
<b>Description</b>	The vertical line (also called drop line or buoy gear) consists of one line set vertically with one or more baited hooks attached. The upper end is usually attached to a marker buoy, or alternatively to the vessel, while the lower end is weighted. Several vertical lines may be connected to a horizontal line that keeps them together.
<b>Operation</b>	The line is baited and deployed, capturing the fish that take the bait.
<b>Main fleets</b>	France, Poland

More information: FAO Factsheet [Vertical lines](#)

## Trolling lines

FAO standard abbreviation

**LTL**

ISSCFG code

09.5

<b>DA</b>	Dørgeliner
<b>DE</b>	Schleppangeln
<b>ES</b>	Curricanes
<b>FR</b>	Lignes de traîne
<b>IT</b>	Lenze al traino
<b>NL</b>	Sleeplijnen
<b>PT</b>	Corricos

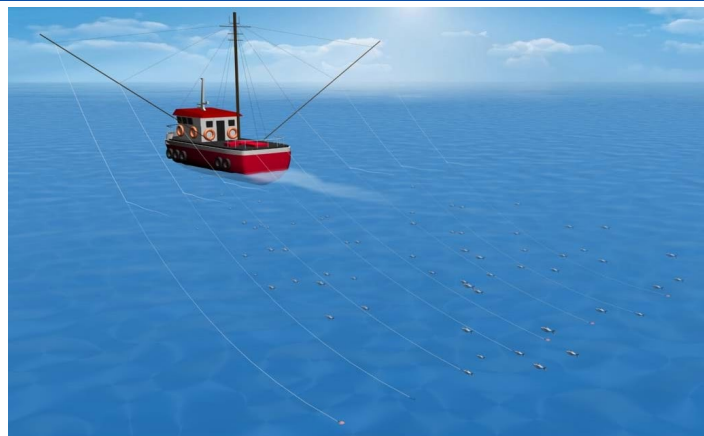


Image source: Seafish

<b>Type</b>	Active
<b>Target</b>	Pelagic fishes
<b>Description</b>	A trolling line is a line with baited hooks towed behind a vessel.
<b>Operation</b>	The vessel trolls one or (most commonly) several lines, near the surface or at a certain depth in the water column, hooking the fish that take the bait. Outrigger poles are often used to increase the number of lines trolled simultaneously.
<b>Main fleets</b>	Croatia, Cyprus, Denmark, Finland, France, Greece, Ireland, Italy, Malta, Netherlands, Poland, Portugal, Sweden

More information: FAO Factsheet [Trolling lines](#)





## 10. MISCELLANEOUS GEAR

### Harpoons

FAO standard abbreviation **HAR**

ISSCFG code 10.1

<b>DA</b>	Harpuner
<b>DE</b>	Harpunen
<b>ES</b>	Arpones
<b>FR</b>	Harpons
<b>IT</b>	Arpioni
<b>NL</b>	Harpoenen
<b>PT</b>	Arpões

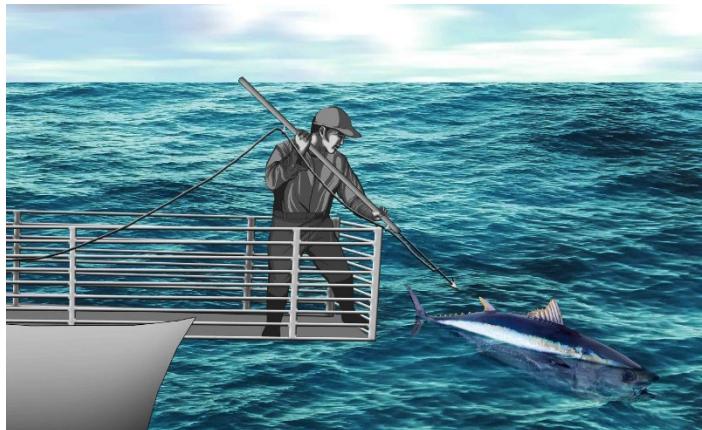


Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Large pelagic fishes (mainly swordfish, tuna, sharks)
<b>Description</b>	A harpoon is a spear-like device with a long shaft and a detachable sharp point, usually barbed, secured with a retrieving line.
<b>Operation</b>	The harpoon is thrown manually or shot from a gun, with the sharp point separating from the shaft when it pierces the fish.
<b>Main fleets</b>	Croatia

More information: FAO Factsheet [Harpoons](#)

### Hand implements

(wrenching gear, clamps, tongs, rakes, spears)

FAO standard abbreviation **MHI**

ISSCFG code 10.2

<b>DA</b>	Håndredskaber
<b>DE</b>	Handgeräte
<b>ES</b>	Implementos de mano
<b>FR</b>	Engins à main
<b>IT</b>	Attrezzi manuali
<b>NL</b>	Handwerktuigen
<b>PT</b>	Implementos manuais

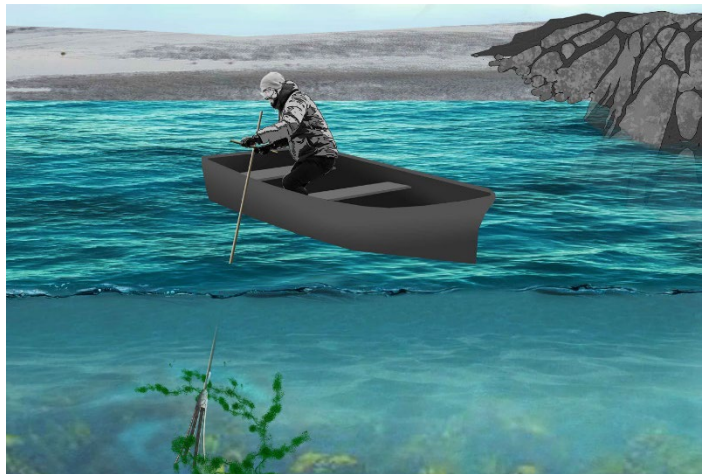


Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Diverse, depending on the type of implement
<b>Description</b>	This category includes various types of fishing gear operated by hand in very shallow waters, either from a boat or by wading in the water.
<b>Operation</b>	The wrenching gear harvests seaweed by tangling it in a twisting movement (see image above). Clamps are bifurcated sticks that harvest shellfish, mainly mussels, by clamping them between the prongs. Rakes are used to dig clams out of the sediment. Tongs consist of a pair of rakes with long handles that collect shellfish on the seabed. Spears are used to catch fish by piercing them with a sharp point (which, unlike in harpoons, does not detach from the handle).
<b>Main fleets</b>	France

More information: FAO Factsheet [Hand Implements \(wrenching gear, clamps, tongs, rakes, spears\)](#)

## Diving

FAO standard abbreviation **MDV**

ISSCFG code 10.8

<b>DA</b>	Dykning
<b>DE</b>	Tauchen
<b>ES</b>	Buceo
<b>FR</b>	Plongée
<b>IT</b>	Immersione
<b>NL</b>	Duiken
<b>PT</b>	Mergulho



Image source: He *et al.* (2021)

<b>Type</b>	Active
<b>Target</b>	Mainly shellfish in coastal areas
<b>Description</b>	While not a fishing gear in a strict sense, diving refers to underwater gathering by hand.
<b>Operation</b>	This category includes free diving with a mask and snorkel, and assisted diving with scuba equipment or surface air supply.
<b>Main fleets</b>	France, Romania

More information: FAO Factsheet [Diving](#)

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## ANNEX

### Revised International Standard Classification of Fishing Gears (ISSCFG), 2016

Gear category (First tier)	Subcategory (Second tier)	Standard abbreviation	ISSCFG code
SURROUNDING NETS			01
	Purse seines	PS	01.1
	Surrounding nets without purse lines	LA	01.2
	Surrounding nets (nei)	SUX	01.9
SEINE NETS			02
	Beach seines	SB	02.1
	Boat seines	SV	02.2
	Seine nets (nei)	SX	02.9
TRAWLS			03
	Beam trawls	TBB	03.11
	Single boat bottom otter trawls	OTB	03.12
	Twin bottom otter trawls	OTT	03.13
	Multiple bottom otter trawls	OTP	03.14
	Bottom pair trawls	PTB	03.15
	Bottom trawls (nei)	TB	03.19
	Single boat midwater otter trawls	OTM	03.21
	Midwater pair trawls	PTM	03.22
	Midwater trawls (nei)	TM	03.29
	Semipelagic trawls	TSP	03.3
	Trawls (nei)	TX	03.9
DREDGES			04
	Towed dredges	DRB	04.1
	Hand dredges	DRH	04.2
	Mechanized dredges	DRM	04.3
	Dredges (nei)	DRX	04.9
LIFT NETS			05
	Portable lift nets	LNP	05.1
	Boat-operated lift nets	LNB	05.2
	Shore-operated stationary lift nets	LNS	05.3
	Lift nets (nei)	LN	05.9

<b>Gear category (First tier)</b>	<b>Subcategory (Second tier)</b>	<b>Standard abbreviation</b>	<b>ISSCFG code</b>
FALLING GEAR			06
	Cast nets	FCN	06.1
	Cover pots/Lantern nets	FCO	06.2
	Falling gear (nei)	FG	06.9
			07
	Set gillnets (anchored)	GNS	07.1
	Drift gillnets	GND	07.2
	Encircling gillnets	GNC	07.3
	Fixed gillnets (on stakes)	GNF	07.4
	Trammel nets	GTR	07.5
	Combined gillnets-trammel nets	GTN	07.6
	Gillnets and entangling nets (nei)	GEN	07.9
TRAPS			08
	Stationary uncovered pound nets	FPN	08.1
	Pots	FPO	08.2
	Fyke nets	FYK	08.3
	Stow nets	FSN	08.4
	Barriers, fences, weirs, etc.	FWR	08.5
	Aerial traps	FAR	08.6
	Traps (nei)	FIX	08.9
HOOKS AND LINES			09
	Handlines and hand-operated pole-and-lines	LHP	09.1
	Mechanized lines and pole-and-lines	LHM	09.2
	Set longlines	LLS	09.31
	Drifting longlines	LLD	09.32
	Longlines (nei)	LL	09.39
	Vertical lines	LVT	09.4
	Trolling lines	LTL	09.5
	Hooks and lines (nei)	LX	09.9
MISCELLANEOUS GEAR			10
	Harpoons	HAR	10.1



<b>Gear category (First tier)</b>	<b>Subcategory (Second tier)</b>	<b>Standard abbreviation</b>	<b>ISSCFG code</b>
	Hand implements (Wrenching gear, Clamps, Tongs, Rakes, Spears)	MHI	10.2
	Pumps	MPM	10.3
	Electric fishing	MEL	10.4
	Pushnets	MPN	10.5
	Scoopnets	MSP	10.6
	Drive-in nets	MDR	10.7
	Diving	MDV	10.8
	Gear nei	MIS	10.9
GEAR NOT KNOWN			99
	Gear not known	NK	99.9

Source: [FAO](#)





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This handbook provides an illustrated overview of the main fishing gears currently used in the EU. For each gear, the handbook outlines the essentials of its design, operation method and target species, and shows the main Member State fishing fleets that use it. In addition, it indicates the name of the gears in Danish, German, Spanish, French, Italian, Dutch and Portuguese.

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