Ordering equipment

Check list of specifications to order fishing equipment

■ **Essential data for suppliers**

N.B. If you are uncertain of the precise details for the specification, give the manufacturer full details of the vessel, method and intended use and let him suggest the particular size. Much money and time is wasted foolishly specifying much too large a unit, e.g. '10 ton' winch or '100 mesh deep' gillnet.

■ **Fishing gear and accessories**

Accessories, Small : (swivel, clasp)	Intended use and in particular nature and resis- tance of elements placed each side
	or from the catalogue (give the name of the supplier) : trade name of model, size number, resistance
	a quantity required bearing in mind the handling and selling procedure used by the supplier (box of pieces)
Buoy :	Intended use ; marker buoy, mooring buoy, anchor buoy, protecting buoy, seine buoy, etc.
	— any mechanical constraints (e.g. crushing, passage for example through a power block)
	□ form : as precise a description as possible, with drawing showing clearly the mooring points, reinforced connectors, central axis (diameter of marking mast to be set)
	□ desired buoyancy or volume (in litres)
	□ number of buoys, bearing in mind the packaging and selling procedure used by the supplier (number per box)
Float :	Intended use : float for trawl, gillnet, seine, etc.
	— any mechanical constraints (crushing during manoeuvres on a drum or a hauler, etc.) — maximum depth of use
	□ material, shape, central hole or attachment point(s), etc.
	□ unit buoyancy or exact size
	□ quantity required bearing in mind the handling and selling procedure used by the supplier (num ber per box)
Fish hook :	According to the supplier's catalogue (give the name of the supplier) : name, number(s) of the model and size number chosen,

Fishing gear and accessories (continued)

	or accurate drawing of hook, full-sized or use : trolling or rod fishing or handline fishing or bngline fishing — expected species sought and average size □ single, double or triple □ normal or forged □ normal finish, tinned, galvanised or stainless steel □ kirbed or reversed bend □ extremity of hook shank : flatted or eye type □ with or without lure : description □ with or without barb □ possibly with swivel incorporated □ opening of hook, gap (distance point — shank) □ long or short shank □ throat (or depth of the hook) □ quantity desired, bearing in mind the packaging and selling procedure used by the supplier (box of *x* hooks)
Gillnet, mounted :	The list of data to be supplied will depend on the supplier's skill and experience in mounting gillnets. Give a detailed drawing or intended used on the bottom : hard or soft bottom; or in midwater; drifting; waters often rough or fairly calm. — species to be fished — handling : type of hauler — method of ranging on board — volume of expected catch □ mesh size (size of the bar or stretched mesh to be specified) or, for trommel nets, mesh size of inside net and outside panels. □ nature of twine : twisted multifilament or mono filament or multimonofilament

Fishing gear and accessories (continued)

	□ twine material and twine size
	□ possibly height of net when hung or stretched net; or number of meshes deep
	□ number and type of floats and sinkers
	□ possibly colour
	□ hanging ratio
	□ length of mounted net
Net webbing :	(trade) name of textile
	□ twisted (direction of twist: right or left); braided, monofilament or multimonofilament
	□ size of the twine (in R tex or m/kg or denier or diameter)
	□ colour
	□ mesh size, in specified size of mesh bar, or stretched mesh or mesh opening
	□ knotted or knotless netting (intended use) □ for knotted netting : simple or double knot
	□ dimensions of netting :
	— length of stretched net or number of meshes
	— depth of stretched net or number of meshes
	□ simple selvedge or double row or double mesh
	□ placing of selvedges : at top and bottom of netting or along the sides
	□ if necessary, treatment (impregnation) of netting
Purse seine. mounted :	The list of data to be supplied will depend on the supplier's skill and experience in mounting seines.
	Give a detailed drawing
	or
	minimum specifications
	Intended use :
	— length or tonnage of seine boat and winch power
	— species to be fished, depth of fish and/or water depth
	□ mesh size (body and bunt with specifications of mesh bar or stretched mesh)

Fishing gear and accessories (continued)

	□ length when hung (with indication of the hanging ratio along the floatline for each part of the seine)
	□ depth with stretched net (seine fully hung, in cluding border strips or selvedges)
	□ position and dimensions (width, depth) of bunt
	□ form of wings
	□ type of purse rings
	□ number and buoyancy of the floats
	□ weight of the ballast on the leadline (type of ballast : lead or chain)
Rope, combination rope :	(trade) name of textile or composition (fibre synthetic and/or natural and/or steel, with or without core)
	□ braided or twisted (if possible, direction of twist — Z or S)
	□ if possible, breaking strength required
	□ size of the rope : diameter (or circumference) □ colour
	□ natural or treated
	□ length
	intended use of rope — exposure to sunlight; wear
Trawl board :	Type of board (which implies : use on the bottom or in midwater, material, shape, main characteristics)
	□ power of trawler
	a length, height and weight of board
	□ quantity : the pair or the port board or the starboard board.
	□ special requirements for backstrop fastening or brackets adjustments or eye for lifting, etc.
Trawl, mounted :	The list of data to be supplied will depend on the supplier's skill and experience in mounting trawls
	□ trade name of a model considered to be typical and well known (e.g. size of opening lines followed or preceded by a trade name coded in letters and/or figures),

Fishing gear and accessories (continued)

	or give a detailed drawing
	or specify bottom trawl or high-opening bottom trawl, 2, 4 or more panels or pelagic trawl for one or two boats (pair trawl)
	□ intended use : power of trawler(s), species to be fished, for trawls in contact with the bottom : relationship of species fished with the bottom, nature of bottom, average trawling speed
	□ mesh size(s) (size of the bar or stretched mesh to be specified) in the fore part
	□ mesh size(s) (size of the bar or stretched mesh to be specified in the aft part)
	□ possibly material and twine size desired
	□ possibly length of headline and footrope
	□ nature, diameter and mounting of groundrope
	□ codend
	— mesh size expressed in inside opening of the mesh (regulations in force) or size of the bar or stretched mesh
	— length, stretched net
	— possibly width
	— possibly reinforcements (lines, beckets)
	— strop, splitting strap
	□ possibly characteristics of the codend chafer or the double protection codend
	□ list of any accessories to be supplied with the trawl(s) and characteristics (rigging, shackles, swivels, hooks, etc.)
Twine, in spool :	(trade) name of texile (or usual abbreviation, PA, PE, etc.)
	□ twisted or braided, or monofilament or multi-monofilament
	□ size of the twine (in R tex or m/kg or denier, or diameter)
	□ breaking strength required
	□ colour
	□ natural or treated

ORDERING EQUIPMENT

Fishing gear and accessories (continued)

□ quantity (weight of one spool or twine length on it, number of spools)

Warp :

Intended use and desired flexibility

□ length □ diameter

□ composition : number of wires and fibres, with or without core

□ finish : galvanised or not (black or bright) or stainless stee

□ required breaking strength

□ right or left laid

□ preparation of ends

□ delivered in coils or on wooden reel

Deck equipment

Drum, for net or line :	Intended use : for trawl, seine, gillnet or longline □ pulling power required □ desired winding speed (with corresponding pull) □ capacity : — for a trawl, seine or gillnet drum : estimated volume of net(s) with any accessories (floats, groundrope, chain, various sinkers, shackle, etc.) — for a longline drum (storage of main line) : length and diameter of line; type of line, multifilament or monofilament □ possibly, in order to avoid crowding the deck : maximum overall dimensions □ source of power (main engine, auxiliary, PTO) □ means of power transmission
Hauler, for net. line or pot:	Intended use : gillnets or lines or pots hauler — tonnage and possibly size of boat — average depth of use — best catches expected (expressed in weight) for a given length of gear — average sea conditions □ pull and desired winding speed □ for line and pot hauler : diameter of main line □ for net hauler : height of gillnet(s) used, type of floats and sinkers — possibly form of groove or throat preferred □ axle of hauler : vertical or horizontal □ source of power (main engine, auxiliary, PTO) □ means of power transmission
Power block :	Intended use : — tonnage and size of seiner — circumference of bunched seine when floatline and leadline have been joined or, failing this, greatest height of seine (towards mid-length) expressed in number of meshes and twine size

ORDERING EQUIPMENT

Deck equipment (continued)

	□ means of power transmission
	□ possibly pull and hauling speed required
Winch for seine :	Intended use :
	— tonnage and size of seiner
	— main dimensions and weight of seine
	— common sea conditions
	— average behaviour of fish : stability of schools swimming speed, any tendency to dive, etc.
	— stabilisation by bait or attraction to light
	— day and/or night fishing
	— any fishing on bottoms where the depth would be less than the height of the seine
	□ two or three drums
	□ with or without warp head(s) □ capacity of each drum
	— winch with two drums (small and medium-sized seiners), length and diameter of the purseline
	— winch with three drums (large seiners), length and diameter(s) of the purse line, if appropriate in several pieces, + length and diameter of tow line
	□ possibly : pull and speed
Winch for trawl :	Intended use :
	— size of trawler and/or tonnage and/or power of main engine
	— type of fishing : bottom trawling or pelagic trawling — average depth of the fishing grounds
	a driving means : mechanical (power, nature and position of driving power) hydraulic or electric
	□ possibly power and/or pull and winding speed required
	□ monobloc (2 joined drums) or separate drums
	□ possibly supplementary bobbins
	□ capacity of each drum : expressed in length of warp of given diameter (if appropriate take into account rigging elements and accessories that could be put on the drum : chain, shackle, swivel, triangle, danleno, sweeps, etc.)

Deck equipment (continued)

□ warp head : one, two or none

□ manual or automatic warp guide (spooling, level-wind)

Forged accessories, tools

ORDERING EQUIPMENT

Chain, shackle, anchor, bobbin, etc.:

Intended use clearly indicated (junction, lifting, etc)

□ elements (nature, size, breaking strength) expected on each side of the accessory

□ estimated maximum use load

□ nature of steel (semi-hard, very high resistance, etc.)

□ finish : black, galvanised or stainless steel

□ main dimensions and characteristics (e.g. opening of a shackle, forelock, counter sunk, eye screw pin, diameter of eye of a swivel, etc.)

or

choice from catalogue (give the name of the supplier), indicating exact trade name of accessory and code number or the calibre corresponding to the main dimensions and necessary breaking load (breaking strength = 6 times the estimated maximum use load

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ISBN 0-85238-163-8

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