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NAUTICAL TERMS

In English and in French.

WITH USEFUL TABLES.

BY

LEON DELBOS, M.A.

H. M. S. BRITANNIA.



WILLIAMS AND NORGATE,

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P R E F A C E.

THIS Vocabulary of Nautical Terms possesses at least one merit, that of accuracy. The manner in which it has been compiled can scarcely leave any doubt on that head. All the terms referring to the parts of the ship, or to her rigging—in short, all words used in seamanship—have been verified by means of illustrated and explanatory diagrams in each language. Besides this, some of the best books have been consulted, and especially Captain Nares' 'Seamanship,' and the most excellent translation of it by Lieut. Ed. Tiret of the French Navy.

The words of command have been tested over and over again—a very necessary thing, considering the difficulty of this portion of the work.

The utility of such a book is, I think, obvious. Officers of the Merchant Service, who have such frequent occasions of ordering repairs whilst in a foreign port, or of employing either French or French-speaking pilots, will find it no less useful than officers of the Royal Navy.

LEON DELBOS.

H.M.S. BRITANNIA,

DARTMOUTH,

January, 1889.

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INTRODUCTION.

SINCE this Vocabulary of Nautical Terms appeared, at the beginning of the present year, it has undergone constant revision. The Compiler has found, by practical use, that very important words, used especially in modern naval warfare, had been omitted, owing to the difficulty of collecting together all the useful words without burdening the book with long columns of obsolete terms. These words have now been added before the entire edition is exhausted, so that present purchasers may have at once the benefit of them. We have also taken this opportunity of making a few necessary corrections.

LEON DELBOS.

H.M.S. BRITANNIA, DARTMOUTH,
May, 1889.

PAGE

- | | |
|---|---|
| 1—aback (to be taken). | faire chapelle. |
| 2—aft (haul aft jib sheet!). | hâlez le foc! |
| 2—altitude (meridian). | la hauteur méridienne. |
| 3—armour (of ships). | blindage, <i>m.</i> , cuirasse, <i>f.</i> |
| 3—aye, aye! (<i>answer to an order</i>). | bien monsieur! bien capitaine! |
| <i>answer to a challenge:—The coxswain, in the French Navy, answers as follows: If there is in the boat an officer superior to the rank of captain—Amiral! If the officer is the captain of the ship—Commandant! If he is the captain of another ship, the name of the ship is mentioned first—‘Colbert,’ commandant! If any other superior officer—Officier supérieur! If any other officer—Officier! If there is no officer, and the boat is going to the ship which challenged her, the coxswain answers—A bord! English ‘No, no!’ If not going on board that ship—Rade!</i> | |
| 4—balcony (stern walk). | la galerie de poupe. |
| 4—belt (of armour). | une ceinture blindée. |

PAGE

- 5—berth (to give a wide —). éviter.
- 6—board (to) (as an enemy). aborder, &c.
- 6— „ „ (as a friend). aller à bord.
- 6—block (mooring). une ancre de corps mort.
- 7—bore (of a gun). calibre, *m.*, âme, *f.*
- 8—bowsprit (to run in the —). rentrer le beaupré.
- 8—brace (to) the yards. brasser les vergues.
- 9—buffers (hydraulic). frein hydraulique, *m.*
- 10—bunk. couchette, *f.*
- 10—bunker (coal). la soute au charbon.
- 10—cadet (naval). un élève de marine.
- 11—capstan (steam). cabestan à vapeur.
- 11—cashier (to). casser.
- 12—channel (buoyed —). une passe balisée.
- 13—coffer dam. batardeau, *m.*
- 14—column (the rear —). la colonne de queue.
- 15—compass error. la variation du compas.
- 15—conning tower. le kiosque de la barre.
- 15—course (to alter the —). changer la route.
- 15— *to steer a —*. *suivre une route donnée.*
- 16—cross (to) (like 2 ships). se croiser.
- 16—cruiser. un croiseur.
- 16— *torpedo —*. [east. *un croiseur torpilleur.*
- 16—current (the current sets le courant porte à l'est.
- 17—derrick. un mât de charge.
- 17—deviation (of compass). la déviation.
- 17—direction. direction, *f.*, gisement, *m.*
- 17— *directions*. *instructions, f. pl.*
- 17— *sailing —s for the instructions sur la Manche.*
English Channel.
- 18—draft (what is your — of Combien calez-vous?
water?)
- 21—float (to — a ship). mettre un navire à flot.
- 21—flood. le flux.
- 21— — *tide*. *marée, f., flux, m.*

PAGE

21—fly (to let —).	larguer en bande.
21—foggy.	brumeux.
21—fore.	avant, de l'avant.
22— — <i>rigging</i> .	<i>le gréement de l'avant.</i>
22—forge (to) ahead.	courir de l'avant.
23—garnet.	un palan de charge.
23—gear.	les appareils, <i>m.</i>
23— <i>to throw into</i> —.	<i>enclancher.</i> [l'électricité.
23— <i>electric firing</i> —.	<i>dispositif de mise à feu par</i>
23— <i>steam steering</i> —.	<i>barre à vapeur, f.</i>
23— <i>turret turning</i> —.	<i>le vireur de la tourelle.</i>
23— <i>training</i> —.	<i>les engins de pointage, m.</i>
24—guard ship.	le ponton amiral.
24—gun.	canon, <i>m.</i>
24— <i>to scale a</i> —.	<i>flamber un canon.</i>
24— <i>machine</i> —.	<i>mitrailleuse, f.</i>
24— <i>quick firing</i> —.	<i>canon à tir rapide.</i>
24— <i>saluting</i> —s.	<i>feux de salut.</i>
24— — <i>mountings</i> .	<i>les garnitures d'un canon.</i>
24—gunner.	canonnier, <i>m.</i>
24—hail (to) a boat.	héler.
24—halliard (peak).	martinet, <i>m.</i>
25—haul (to) up.	remonter, carguer.
26—heave (to) short.	virer à pic.
26—helm a weather!	la barre au vent!
26—put the helm down!	la barre dessous!
27—hour-glass.	ampoulette, <i>f.</i>
27—house (to) a mast.	caler un mât.
28—impulse (<i>for projection of</i> <i>torpedo</i>).	l'impulsion.
28—irons (fettters).	les fers, <i>m. pl.</i>
28— <i>in</i> — (<i>ship</i>).	<i>faire chapelle.</i>
28—jib (down jib!)	hâlez bas le grand foc!
28— <i>ease off the jib sheets!</i>	<i>filez les focs!</i>

PAGE	
31	—light ship.
31	— <i>search light</i> .
32	—line abreast.
32	— — <i>ahead</i> .
32	— <i>quarter</i> —.
32	—luff a lee!
32	—lug sail (to dip a)
33	—mast-head (to be at the).
33	— — <i>man</i> .
35	—moorings (at her —).
35	—mooring swivel.
35	—no, no!
36	—off! (shove).
36	—paul (to) the capstan.
37	—paymaster.
37	— <i>assistant</i> —.
37	—put (to) into D.
38	—propeller.
39	—ram (to).
39	— <i>hydraulic</i> —.
39	—range (of weapons).
39	—recess.
39	—rifle (magazine —).
40	—rocket.
40	—rope (tow).
41	—sail (to hoist a —)
42	—screws (twin).
43	—search light.
44	—shackle.
45	—shield (for guns).
45	—shove off!
45	—sound (to).
45	—soundings (to take the).
46	—speed.
	un bateau feu.
	<i>projecteur, m.</i>
	la ligne de file.
	<i>la ligne de front.</i>
	<i>la ligne de relèvement.</i>
	loffé toute!
	gambéyer.
	être en vigie.
	<i>l'homme de vigie.</i>
	au mouillage.
	un émerillon d'affourche.
	à bord! see p. 3, under <i>aye, aye!</i>
	poussez!
	mettre les linguets au cabstan.
	commissaire, <i>m.</i>
	<i>aide-commissaire.</i>
	relâcher à D.
	propulseur, <i>m.</i>
	aborder à l'éperon.
	<i>un piston hydraulique.</i>
	la portée.
	encastrement, <i>m.</i>
	fusil à répétition.
	fusée, <i>f.</i>
	remorque, <i>f.</i> , faux-bras, <i>m.</i>
	hisser une voile.
	hélices jumelles, <i>f.</i>
	<i>projecteur, m.</i> [der to veer.
	<i>maillon, m.</i> , <i>manille, f.</i> : see un-
	<i>masque d'acier, m.</i>
	poussez!
	sonder.
	le sondage.
	<i>vitesse, f.</i>

PAGE

46—speed. <i>full — ahead!</i>	<i>en avant, toute vitesse!</i>
46— <i>full — astern!</i>	<i>en arrière, toute vitesse!</i>
46—sponge (for gun).	écouvillon, <i>m.</i>
47—stay (long).	virer à long pic.
47—steam (to reverse).	renverser la marche.
47— — <i>steering gear.</i>	<i>une barre à vapeur.</i>
47— — <i>trials (of an engine).</i>	<i>faire les essais d'une machine.</i>
48—steerage way.	l'erre, <i>m.</i>
48—stern walk (balcony).	la galerie de poupe.
48—stern way (to make).	aller en culant.
49—stranded (to be).	s'échouer.
49—swab (to) the deck.	fauberder le pont.
50—tack.	amure, <i>f.</i>
50— <i>to be on the port —.</i>	<i>être babord amures.</i>
50— <i>to be on the starboard —.</i>	<i>être tribord amures.</i>
50—tackle (purchase).	palan, <i>m.</i> , caliorne, <i>f.</i>
50—tender (to a vessel).	une navire annexe.
51—tide (it is high —).	la mer est haute.
51— <i>it is low —.</i>	<i>la mer est basse.</i>
51—tiller.	la barre.
51— — <i>ropes.</i>	<i>drosse, f.</i>
51—tops (military).	hunes (<i>f.</i>) de combat.
52—torpedo booms.	espars à torpilles.
52— — <i>gun.</i>	<i>un tube de lancement.</i>
52— — <i>net.</i>	<i>un filet à torpille.</i>
52— — <i>port.</i>	<i>un sabord de lancement.</i>
52— — <i>warfare.</i>	<i>le maniement des torpilles.</i>
52— <i>to discharge a —.</i>	<i>lancer une torpille.</i>
52—towing hawser.	remorque, <i>f.</i> , faux bras, <i>m.</i>
53—unship oars! [pass].	désarmez vos avirons!
53—variation (of the com-)	la déclinaison.
53—veer (to) 3 shackles.*	filer 3 maillons.

* The English shackle is equal to 12½ fathoms, and the French *maillon* to 30 mètres, or very nearly 16½ English fathoms.

PAGE

53—water.

53— *high* —.53— *low* —.53— *slack* —.

55—wheel ropes.

56—windlass (steam).

56—yoke (of rudder).

eau, *f.**la pleine mer.**la mer basse.**la mer étale.*drosse, *f.*

guindeau à vapeur.

la barre transversale.

NAUTICAL TERMS

IN ENGLISH AND IN FRENCH.



aback (to be).	être masqué.
<i>throw all — !</i>	<i>masquez partout.</i>
<i>heave all — !</i>	” ”
<i>sails —.</i>	<i>en panne.</i>
abaft.	à l'arrière.
able-bodied seaman.	gabier breveté.
aboard.	à bord.
<i>haul the tacks — !</i>	<i>amurez !</i>
<i>all — !</i>	<i>embarquez !</i>
about (to put).	louvoyer.
accommodation.	aménagements, <i>m. pl.</i>
— <i>ladder.</i>	<i>échelle de commandement.</i>
accost, <i>v.</i>	accoster, aborder.
admiral.	amiral, <i>m.</i>
<i>vice —.</i>	<i>vice-amiral.</i>
<i>rear —.</i>	<i>contre amiral.</i>
admiralty.	amirauté, <i>f.</i> In France: le ministère de la marine.
adrift.	en dérive.
<i>to get — upon a lee shore.</i>	<i>s'affaler à la côte.</i>
adze.	herminette, <i>f.</i>
afloat.	à flot, sur mer.
aft.	arrière, <i>m.</i>
<i>the wind is dead —.</i>	<i>le vent est entre deux écoutes.</i>
<i>the wind is right —.</i>	<i>le vent est droit derrière.</i>

<i>haul aft jib!</i>	<i>hâlez le foc!</i>
<i>haul — the fore sheet!</i>	<i>hâlez l'écoute de misaine!</i>
aground.	échoué, à terre.
<i>to run —.</i>	<i>s'échouer.</i>
ahead.	en avant.
<i>go —!</i>	<i>en avant!</i>
ahoy!	oh!
<i>ship —!</i>	<i>ohé! du navire.</i>
air.	air, <i>m.</i>
<i>— shaft.</i>	<i>le puits d'aérage.</i>
alee.	dessous.
<i>helm's —.</i>	<i>la barre dessous.</i>
almanac.	almanach, <i>m.</i>
<i>nautical —.</i>	<i>la connaissance des temps.</i>
<i>— — office.</i>	<i>le bureau des longitudes.</i>
all right! all's well!	c'est bien! bon quart!
aloft.	en haut, dans la mature.
<i>aloft (on the look-out).</i>	<i>en vigie.</i>
<i>away —!</i>	<i>en haut les gabiers!</i>
alongside.	bord à bord.
<i>to come —.</i>	<i>accoster.</i>
aloof.	au large.
altitude.	hauteur, <i>f.</i> , élévation, <i>f.</i>
amidships.	par le travers.
<i>helm —!</i>	<i>droite la barre!</i>
anchor.	ancre, <i>f.</i>
<i>the arms.</i>	<i>les bras.</i>
<i>the bill.</i>	<i>le bec.</i>
<i>the crown.</i>	<i>le diamant.</i>
<i>the flukes.</i>	<i>les pattes, f.</i>
<i>the ring.</i>	<i>la cigale.</i>
<i>the shank.</i>	<i>la verge.</i>
<i>the shoe.</i>	<i>la sole, la sabatte.</i>
<i>the stock or beam.</i>	<i>le jas.</i>
<i>bower anchor.</i>	<i>ancre de bossoir.</i>

<i>best bower anchor.</i>	<i>la seconde ancre.</i>
<i>kedge —.</i>	<i>ancre à jet.</i>
<i>sheet —.</i>	<i>ancre de veille.</i>
<i>stream —.</i>	<i>ancre de touée.</i>
<i>mooring block.</i>	<i>corps mort, m.</i>
anchor (to).	ancrer, mouiller.
<i>to cast —.</i>	<i>jeter l'ancre.</i>
<i>to cat the —.</i>	<i>caponner l'ancre.</i>
<i>to drag the —.</i>	<i>chasser sur les ancres.</i>
<i>to fish the —.</i>	<i>traverser l'ancre.</i>
<i>to heave up the —.</i>	<i>déraper l'ancre.</i>
<i>to ride at —.</i>	<i>être à l'ancre.</i>
<i>to weigh —.</i>	<i>lever l'ancre.</i>
<i>let go the — !</i>	<i>mouillez !</i>
<i>let go the starboard — !</i>	<i>mouillez tribord !</i>
anchorage.	mouillage, <i>m.</i>
aneroid.	anéroïde, <i>m.</i>
angle-iron.	cornière, <i>f.</i>
apron (timber).	contre-étrave, <i>f.</i>
amour.	blindage, <i>m.</i>
armourer.	armurier, <i>m.</i>
artillery.	artillerie, <i>f.</i>
<i>heavy —.</i>	<i>grosse artillerie, f.</i>
ashore.	à terre, sur terre.
astern.	de l'arrière, arrière.
<i>to back —.</i>	<i>nager à culer.</i>
<i>— of us.</i>	<i>derrière nous.</i>
<i>go — !</i>	<i>en arrière !</i>
athwart.	par le travers de, en travers de.
atrip (the anchor is).	dérapée (l'ancre est).
auxiliary screw (ship with).	un bâtiment mixte.
avast !	tenez bon !
awning.	tendelet, <i>m.</i> , tente, <i>f.</i>
axe.	hache, <i>f.</i>
aye, aye ! (answer to a call).	voilà !

aye, aye! (answer to an order).	bien capitaine!
— — (answer of coxswain).	à bord!
back astern!	nage à culer!
„	(on steamers) en arrière!
to back a sail.	masquer une voile.
back stays.	galhaubans, <i>m. pl.</i>
<i>flying</i> —.	<i>galhaubans volants.</i>
backing and filling.	dériver vent dessus vent dedans.
balcony.	la galerie de poupe.
bale sling.	élingue (<i>f.</i>) en double.
bale out (to).	vider.
baler.	escoper, <i>f.</i>
ballast.	lest, <i>m.</i>
<i>to</i> —.	<i>lester.</i>
<i>to sail in</i> —.	<i>aller sur lest.</i>
bar of the capstan.	une barre de cabestan.
— of iron.	<i>barre de fer.</i>
barge.	allège, <i>f.</i> , gabare, <i>f.</i>
— (<i>admiral's</i>).	<i>canot de l'amiral.</i>
bargeman.	marinier, <i>m.</i> , batelier, <i>m.</i>
barque.	un trois-mâts.
barometer.*	baromètre.
<i>the</i> — <i>is rising.</i>	<i>le baromètre monte.</i>
<i>the</i> — <i>is falling.</i>	<i>le baromètre descend.</i>
barrel (of a gun).	canon, <i>m.</i>
— (<i>case</i>).	<i>baril, m.</i>
basin (of a dock).	bassin, <i>m.</i>
batten.	batte, <i>f.</i>
<i>to</i> — <i>down the hatches.</i>	<i>condamner les panneaux.</i>
beach.	plage, <i>f.</i> , grève, <i>f.</i>
<i>to</i> —.	<i>échouer.</i>

* For comparison between English and French barometric scales, see Table V. at the end of the book.

beacon.	balise, <i>f.</i>
beam (of deck).	bau, <i>m.</i>
<i>breadth of —.</i>	<i>largeur, f.</i>
<i>on her — ends.</i>	<i>sur le côté.</i>
Bear (the great).	la grande ourse.
<i>to — away.</i>	<i>porter au large.</i>
<i>to — down.</i>	<i>arriver sur.</i>
<i>to — up.</i>	<i>laisser arriver.</i>
bearing (to take the) of.	relever.
— <i>s (engineering).</i>	<i>coussinets, m. pl.</i>
— <i>(the).</i>	<i>le relèvement.</i>
beat to windward (to).	louvoyer.
<i>to — out to sea.</i>	<i>gagner le large.</i>
belay (to).	amarrer.
belaying cleat.	taquet, <i>m.</i>
— <i>pin.</i>	<i>cabillot, m.</i>
bell.	cloche, <i>f.</i>
below.	en bas.
bend.	nœud, <i>m.</i>
<i>to — a rope.</i>	<i>frapper.</i>
<i>to — (sails).</i>	<i>enverguer.</i>
<i>to — (jibs).</i>	<i>garnir.</i>
<i>to — (a cable).</i>	<i>étalinguer.</i>
bends.	les préceintes, <i>f.</i>
<i>double —.</i>	<i>nœud d'écoute double.</i>
<i>fisherman's —.</i>	<i>nœud d'étalingure de grelin.</i>
<i>single —.</i>	<i>nœud d'écoute.</i>
<i>studding sail halliard —.</i>	<i>nœud de drisse de bonnette.</i>
<i>carrick —.</i>	<i>nœud d'ajut, nœud de vache.</i>
berth (cot).	gîte, <i>m.</i>
— <i>(post).</i>	<i>poste, m.</i>
— <i>(alongside a wharf).</i>	<i>le poste d'amarrage.</i>
<i>sick —.</i>	<i>le poste des malades.</i>
bight (of a rope).	double, <i>m.</i>
bilboes (punishment).	les fers, <i>m. pl.</i>

bilge water.	eau de la cale.
— <i>pieces.</i>	<i>quilles latérales, f.</i>
bill of health.	la patente de santé.
— <i>of lading.</i>	<i>connaissance, m.</i>
— <i>board.</i>	<i>plan incliné de traversière.</i>
billows.	vagues, <i>f. pl.</i>
binnacle.	habitacle, <i>m.</i>
bitts.	bittes, <i>f. pl.</i>
— <i>main —.</i>	<i>grandes bittes.</i>
block (pulley).	moufle, <i>m.</i>
— <i>snatch —.</i>	<i>poulie coupée, f.</i>
— <i>maker.</i>	<i>poulicur, m.</i>
blockade.	blocus, <i>m.</i>
— <i>to —.</i>	<i>bloquer.</i>
— <i>runner.</i>	<i>forceur de blocus.</i>
blow (to).	souffler.
— <i>the wind —s from the west.</i>	<i>le vent souffle de l'ouest.</i>
— <i>it is —ing hard.</i>	<i>il fait une tempête.</i>
— <i>it is —ing fresh.</i>	<i>il fraichit.</i>
blue peter.	le pavillon de partance.
bluff (cliff).	falaise, <i>f.</i>
board (on).	à bord.
— <i>the hands on —.</i>	<i>les hommes du bord.</i>
— <i>to make a stern —.</i>	<i>culer.</i>
— <i>on — my ship.</i>	<i>à mon bord.</i>
— <i>to —.</i>	<i>aborder, monter à l'abordage,</i> <i>prendre à l'abordage.</i>
board (to).	aborder (as an enemy).
boat.	canot, <i>m.</i> , embarcation, <i>f.</i>
— <i>ferry —.</i>	<i>bateau de passage.</i>
— <i>fishing —.</i>	<i>bateau pêcheur.</i>
— <i>steam —.</i>	<i>bateau à vapeur, m.</i>
— <i>sailing —.</i>	<i>bateau à voiles, m.</i>
— <i>life —.</i>	<i>canot de sauvetage, m.</i>
— <i>long —.</i>	<i>chaloupe, f.</i>

- jolly boat.*
pleasure —.
open —.
— hook.
— ahoy!
 boatman.
 boatswain.
 —'s mate.
 bobstay.
 body post.
 boiler.
 — *plate.*
 — *tubes.*
 bollard heads.
 bolster.
 bolt.
 eye —.
 ring —.
 screw —.
 starting —.
 — *rope.*
 — *rope needle.*
 boom (of harbour).
 — (of a sail).
 — *irons.*
 jib —.
 flying jib —.
 spanker —.
 studding-sail —.
 to ride by the swinging —.
 bore (of gun).
 — (on tidal river).
 bottom (of ship).
 in British —s.
 in French —s.
- petit canot, m.*
bateau d'agrément.
canot non ponté.
gaffe, f.
ohé du canot!
batelier, m.
maître d'équipage, m.
contre-maître, m.
la sous barbe de beaupré.
étambot avant, m.
chaudière, f.
tôle, f.
bouilleurs, m. pl.
têtes (f.) d'allonges.
coussin (m.) d'élongis.
cheville, f.
cheville à œillet, f.
cheville à boucle, f.
boulon taraudé, m.
repoussoir à manche, m.
ralingue, f.
aiguille à ralingue, f.
chaîne, f., estacade, f.
bout dehors, m.
blins, m.
bout dehors de foc, m.
bout dehors de clin foc, m.
gui, m.
bout dehors de bonnettes.
être au tangon.
calibre, m.
mascaret, m., barre, f.
carène, f.
sous pavillon anglais.
sous pavillon français.

<i>to sink to the bottom.</i>	<i>couler à fond.</i>
<i>double —.</i>	<i>double coque, f.</i>
<i>flat bottomed.</i>	<i>à fond plat.</i>
<i>copper —.</i>	<i>doublé en cuivre.</i>
bottomry.	bomerie, <i>f.</i>
— <i>bond.</i>	<i>un contrat à la grosse.</i>
— <i>interest.</i>	<i>profit maritime, m.</i>
bound to, or for . . . (ship).	navire en partance pour . . .
<i>outward —.</i>	<i>en partance.</i>
<i>homeward —.</i>	<i>en retour.</i>
<i>where are you — to?</i>	<i>où allez vous?</i>
bow.	l'avant, <i>m.</i> , le bossoir.
<i>on the port —.</i>	<i>à, or par babord devant.</i>
<i>to cross the —.</i>	<i>courir à bord droit.</i>
bowline.	bouline, <i>f.</i>
— <i>on the bite.</i>	<i>nœud de chaise double.</i>
<i>running —.</i>	<i>nœud d'anguille.</i>
— <i>bridles.</i>	<i>branches de bouline.</i>
bowse (to).	palanquer.
bowsprit.	beaupré, <i>m.</i>
box the compass (to).	réciter la rose des vents.
boxhaul (to).	virer vent arrière, virer lof pour
boxing off.	contrebasser devant. [lof.
boy.	mousse, <i>m.</i>
brace.	bras, <i>m.</i>
<i>to —.</i>	<i>brasser.</i>
<i>to — up.</i>	<i>orienter au plus près.</i>
<i>lee —.</i>	<i>le bras de dessous le vent.</i>
<i>weather —.</i>	<i>le bras du vent.</i>
<i>main —.</i>	<i>grands bras.</i>
<i>fore —.</i>	<i>bras de misaine.</i>
<i>main top sail —.</i>	<i>bras de grand hunier.</i>
<i>fore top sail —.</i>	<i>bras de petit hunier.</i>
<i>main top gallant —.</i>	<i>bras de grand perroquet.</i>
<i>fore top gallant —.</i>	<i>bras de petit perroquet.</i>

- mizzen top sail brace.*
cross jack —.
mizzen top gallant —.
sprit sail —.
top sail —.
top gallant —.
 brail.
 to — up.
 to bream.
 breastwork (of a ship).
 — (of the poop).
 breech (of a gun).
 — *loader.*
 breeching.
 breeze.
 light —.
 bridge.
 — (of steam-boat).
 swing —.
 bridles (of the bowline).
 brig.
 brine-pump.
 to bring to.
 she is brought to.
 to broach to.
 broadside (of a ship).
 to fire a —.
 broker.
 ship —.
 brokerage.
 bucket.
 buckler.
 builder (ship).
 bulk.
 laden in —.
- bras de perroquet de fougue.*
bras barré.
bras de la perruche.
bras de la contrecivadière.
bras de hune.
bras de perroquet.
cargue, f.
carguer.
chauffer.
fronteau, m.
fronteau de la dunette.
culasse, f. [la culasse.
canon, or fusil se chargeant par
brague, f.
brise, f.
petite brise, f.
pont, m.
passerelle, f.
pont tournant, m.
branches, f. pl. (de boulines).
brick, m.
pompe d'exhaustion, f.
mettre en panne.
son erre est coupée.
lancer dans le vent, embarder
côté, m. [au vent.
tirer une bordée.
courtier, m.
courtier maritime, m.
courtage, m.
seau, m.
gatte, f.
constructeur, m.
charge, f.
en vrac.

<i>to break bulk.</i>	<i>commencer le déchargement.</i>
bulkhead.	cloison, <i>f.</i>
bull's-eye.	cosse de bois, <i>f.</i>
bullet.	balle, <i>f.</i>
bulwarks (of ships).	pavois, <i>m.</i>
bumboat.	bateau à provisions.
bumkin.	minot, <i>m.</i>
bunker.	soute, <i>f.</i>
<i>coal —.</i>	<i>soute au charbon.</i>
bunt.	le sein d'une voile.
buntlines.	cargues-fonds.
buoy.	bouée, <i>f.</i>
<i>life —.</i>	<i>bouée de sauvetage, f.</i>
— <i>rope.</i>	<i>orin, m.</i>
<i>to —.</i>	<i>baliser.</i>
buoyancy.	légèreté, <i>f.</i>
buoyant.	flottant.
burden (of a ship).	contenance, <i>f.</i> , port, <i>m.</i>
<i>ship 3000 tons —.</i>	<i>vaisseau du port de 3000 ton-</i>
burgee.	guidon, <i>m.</i> [neaux.
burton pendants.	pantoires de candelettes, <i>f.</i>
cabin.	chambre, <i>f.</i> , cabine, <i>f.</i>
— (<i>captain's</i>).	<i>chambre du commandant.</i>
<i>fore —.</i>	<i>cabine d'avant, f.</i>
<i>state —.</i>	<i>cabine de première classe, f.</i>
— <i>passenger.</i>	<i>passager de première classe, f.</i>
— <i>boy.</i>	<i>mousse, m.</i>
cable.	cable, <i>m.</i>
—'s <i>length.</i>	<i>encâblure, f.</i>
caboose.	la cuisine.
cadet.	élève de marine, <i>m.</i>
calk.	calfater.
calker.	calfat, <i>m.</i>
calking.	calfatage, <i>m.</i>

- calking iron.*
 callipers.
 calm.
 dead —.
 can-hook.
 canister shot.
 cannon.
 — *ball.*
 cap.
 cape.
 capshore.
 capsized.
 capstan.
 to man the —.
 man — !
 to heave in at the —.
 captain (of a man-of-war).
 — *(merchant navy).*
 — *(of the watch);*
 — *(of the gun).*
 careen (to).
 careening-place.
 cargo.
 general —.
 carling.
 carpenter (of a ship).
 chief —.
 cartridge (of rifle).
 — *(of gun).*
 casting.
 cast loose (the ropes) (to).
 cat.
 to — (the anchor).
 — *block.*
 — *head.*
- calfait, m.*
compas de calibre, m.
calme, m.
calme plat.
une élingue à pattes, f., une
mitraille, f. [patte à futailles.
canon, m.
boulet de canon, m.
chouquet, m.
cap, m.
épontille, f., chouque, f.
chavirer.
cabestan, m.
mettre du monde au cabestan.
au cabestan !
virer au cabestan.
capitaine de vaisseau, m.
capitaine au long cours, m.
chef de quart, m.
chef de pièce, m.
abattre en carène.
carénage, m.
cargaison, f., chargement, m.
un chargement en cueillette.
traversin, m.
charpentier, m.
le maître charpentier.
cartouche, f.
gargousse, f.
faire son abattée.
larguer.
capon, m.
caponner l'ancre.
poulie (f.) de capon.
bossoir (m.) de capon.

<i>cat-o'-nine-tails.</i>	<i>garcette, f.</i>
—'s-paw.	<i>gueule (f.) de raie.</i>
catch hold!	attrapez!
caulk.	see calk.
chain.	<i>chaîne, f.</i>
— <i>plates.</i>	<i>cadènes, f.</i>
— <i>shot.</i>	<i>boulets ramés, m. pl.</i>
— <i>s.</i>	<i>porte-haubans, m. pl.</i>
— <i>wales.</i>	<i>porte-haubans, m. pl.</i>
<i>fore chains, &c.</i>	see under <i>fore</i> and <i>main</i> .
challenge (a ship) (to).	héler.
channel.	canal, <i>m.</i> , <i>détroit, m.</i>
— (<i>of harbour</i>).	<i>passee, f.</i>
— <i>s (of rigging)</i> .	<i>porte-haubans, m.</i>
chapelling.	faire chapelle.
chaplain.	un aumonier.
chart.	carte marine, <i>f.</i>
charter (to).	frêter.
— (<i>party</i>).	<i>la charte partie.</i>
charterer.	frêteur, <i>m.</i>
<i>a ship chartered by govern-</i>	<i>un navire frété par l'état.</i>
<i>check-piece.</i> [ment.	safran, <i>m.</i>
checks.	jottereaux, <i>m. pl.</i>
chock (a).	une cale.
chopping sea.	une mer clapoteuse.
chronometer.	chronomètre, <i>m.</i>
<i>to rate the —s.</i>	<i>régler les chronomètres.</i>
circle.	cercle, <i>m.</i>
clear.	dégagé.
<i>to —.</i>	<i>dégager.</i>
<i>to — a vessel.</i>	<i>passer un vaisseau.</i>
<i>to — up (of the weather).</i>	<i>s'éclaircir.</i>
cleat.	taquet, <i>m.</i>
clew.	point, <i>m.</i>
— <i>garnets.</i>	<i>cargue-fonds, m.</i>

<i>to clew up.</i>	<i>carguer.</i>
— <i>line.</i>	<i>cargue-point, m.</i>
cliff.	<i>falaise, f.</i>
clinch.	<i>cable, m., étalingure, f.</i>
<i>inside —.</i>	<i>nœud de bouline double.</i>
<i>outside —.</i>	<i>nœud de bouline simple.</i>
clipper.	<i>fin voilier, m., clipper, m.</i>
close-reefed.	<i>au bas ris ; à la cape.</i>
— <i>in shore.</i>	<i>près de terre.</i>
— <i>hauled.</i>	<i>au plus près.</i>
cloud.	<i>nuage, m.</i>
cloudless.	<i>sans nuages.</i>
cloudy.	<i>nuageux, sombre.</i>
<i>it is —.</i>	<i>le temps est couvert.</i>
<i>it is getting —.</i>	<i>le temps se couvre.</i>
coal.	<i>charbon de terre, m. ; houille, f.</i>
<i>to —.</i>	<i>faire son charbon.</i>
— <i>dépôt.</i>	<i>dépôt de charbon.</i>
— <i>bunkers.</i>	<i>la soute au charbon.</i>
coamings.	<i>hiloire, f., surbaux, m. pl.</i>
coast.	<i>côte, f., littoral, m. [danger.</i>
<i>the — is clear.</i>	<i>la côte est belle, or il n'y a pas de</i>
<i>to —.</i>	<i>côtoyer.</i>
coaster.	<i>caboteur, m.</i>
coasting.	<i>navigation (f.) côtière.</i>
— <i>trade.</i>	<i>cabotage, m.</i>
cock-bill (to) the anchor.	<i>faire peneau.</i>
cockpit.	<i>le poste de malades.</i>
cockswain.	<i>patron de chaloupe.</i>
coil (of rope).	<i>glène, f.</i>
<i>to —.</i>	<i>lover.</i>
collier (ship).	<i>charbonnier, m.</i>
colours.	<i>le pavillon national.</i>
<i>hoist the — !</i>	<i>hissez le pavillon !</i>
<i>strike the — !</i>	<i>amenez le pavillon !</i>

column.

the leading —.*the starboard wing* —.*the port wing* —.*the leader of a* —.

commander.

commission (ship in).

commodore.

compass.

colonne, *f.**la colonne de tête.**la colonne de droite.**la colonne de gauche.**le vaisseau de tête, or chef de file.*

capitaine de frégate.

vaisseau (*m.*) en armement.

chef d'escadre.

[mer.]

boussole, *f.*, compas (*m.*) de

NORTH.

N. b. E.

N.N.E.

N.E. b. N.

N.E.

N.E. b. E.

E.N.E.

E. b. N.

EAST.

E. b. S.

E.S.E.

S.E. b. E.

S.E.

S.E. b. S.

S.S.E.

S. b. E.

SOUTH.

S. b. W.

S.S.W.

S.W. b. S.

S.W.

S.W. b. W.

W.S.W.

W. b. S.

NORD.

N. $\frac{1}{4}$ N.E.

N.N.E.

N.E. $\frac{1}{4}$ N.

N.E.

N.E. $\frac{1}{4}$ E.

E.N.E.

E. $\frac{1}{4}$ N.E.

EST.

E. $\frac{1}{4}$ S.E.

E.S.E.

S.E. $\frac{1}{4}$ E.

S.E.

S.E. $\frac{1}{4}$ S.

S.S.E.

S. $\frac{1}{4}$ S.E.

SUD.

S. $\frac{1}{4}$ S.O.

S.S.O.

S.O. $\frac{1}{4}$ S.

S.O.

S.O. $\frac{1}{4}$ O.

O.S.O.

O. $\frac{1}{4}$ S.O.

WEST.	OUEST.
W. b. N.	O. $\frac{1}{4}$ N.O.
W.N.W.	O.N.O.
N.W. b. W.	N.O. $\frac{1}{4}$ O.
N.W.	N.O.
N.W. b. N.	N.O. $\frac{1}{4}$ N.
N.N.W.	N.N.O.
N. b. W.	N. $\frac{1}{4}$ N.O.

N.B.—On the French compass, $\frac{1}{4}$ is pronounced *quart*, somewhat like *car* in *carmine*.

compass.

azimuth —.

a point of the —.

standard —.

steering —.

— *course*.

— *error*.

a pair of — *es*.

compressor.

condenser.

condensing engine.

”

conning.

consignee.

consul.

consulate.

convoy.

cook.

copper.

— *bottomed*.

cot.

counter.

course (of a ship).

fore —.

compas de variations.

une aire de vent.

le compas étalon.

le compas de route.

la route au compas.

correction du compas.

un compas, m.

étrangloir, m.

[*m.*

condenseur, m., condensateur,

une machine à condensation.

machine à basse pression.

faire gouverner.

consignataire, m.

consul, m.

consulat, m.

convoi, m.

coq, m.

cuiivre, m.

doublé en cuiivre.

cadre, m.

voûte, f.

la route.

la misaine.

<i>main course.</i>	<i>la grand'voile.</i>
courses.	les basses voiles.
coxswain.	un patron de chaloupe.
cradle.	ber, <i>m.</i>
craft.	embarcation, <i>f.</i>
crane.	grue, <i>f.</i>
<i>steam —.</i>	<i>grue à vapeur.</i>
crank.	manivelle, <i>f.</i>
— (<i>a ship that is</i>).	<i>vaisseau portant mal la toile.</i>
creek.	anse, <i>f.</i> , crique, <i>f.</i>
crew.	équipage, <i>m.</i>
<i>gun's —.</i>	<i>servants, m. pl.</i>
cringle.	patte, <i>f.</i>
cross-sails.	<i>see sails.</i>
— <i>trees.</i>	<i>barres traversières, f. pl.</i>
crossing (by sea).	traversée, <i>f.</i>
crow-bar.	pince, <i>f.</i>
crow's-foot.	une araignée de tente.
crowd all sail (to).	forcé de voiles.
cruise (to).	aller en croisière, croiser.
cruise.	croisière, <i>f.</i> , campagne, <i>f.</i>
crutches.	dames, <i>f.</i>
current.	courant, <i>m.</i>
custom-house.	douane, <i>f.</i>
— <i>officer.</i>	<i>douanier, m.</i>
<i>to pass the customs.</i>	<i>passer en douane.</i>
— <i>duty.</i>	<i>droit de douane.</i>
cutter.	côte, <i>m.</i>
<i>1st —.</i>	<i>canot numéro 1.</i>
<i>2nd —.</i>	<i>canot numéro 2.</i>
cutwater.	taille-mer, <i>m.</i>
cylinder.	cylindre, <i>m.</i>
davits.	les bossoirs d'embarcation, les porte-manteaux, <i>or</i> les pistolets d'embarcation.

day's work (of a ship).	la route du vaisseau dans les 24 heures, <i>or</i> le point.
dead calm.	un calme plat.
— <i>eye</i> .	<i>cap</i> (<i>m.</i>) de mouton.
— <i>block</i> .	<i>poulie</i> (<i>f.</i>) à moque.
— <i>lights</i> .	<i>faux mantelets</i> , <i>m. pl.</i> , <i>faux</i> <i>la route estimée</i> . [<i>sabords</i> , <i>m. pl.</i>
— <i>reckoning</i> .	<i>le remous du sillage</i> , <i>m.</i>
— <i>water</i> .	<i>œuvres mortes</i> , <i>f. pl.</i>
— <i>works</i> .	
deck.	<i>pont</i> , <i>m.</i>
<i>between</i> —s.	<i>entre-pont</i> , <i>m.</i>
<i>flush</i> —.	<i>pont entier</i> , <i>m.</i>
<i>gun</i> —.	<i>batterie</i> , <i>f.</i>
<i>main</i> —.	<i>premier pont</i> , <i>m.</i>
<i>lower</i> —.	<i>premier pont</i> , <i>m.</i>
<i>middle</i> —.	<i>second pont</i> , <i>m.</i>
<i>upper</i> —.	<i>troisième pont</i> , <i>m.</i>
<i>orlop deck</i> .	<i>faux pont</i> , <i>m.</i>
<i>poop</i> —.	<i>dunette</i> , <i>f.</i>
<i>quarter</i> —.	<i>le gaillard d'arrière</i> .
<i>spar</i> —.	<i>pont sur montants</i> .
<i>to clear the</i> —s.	<i>faire branle-bas</i> .
<i>to</i> —.	<i>ponter</i> .
<i>two</i> — <i>er</i> .	<i>navire à deux ponts</i> .
<i>three</i> — <i>er</i> .	<i>navire à trois ponts</i> .
deep sea lead.	la grande sonde.
deflection (of needle).	déclinaison, <i>f.</i>
demurrage.	surestaries, <i>f. pl.</i>
departure.	le chemin est ou ouest.
depth.	profondeur, <i>f.</i>
— <i>of hold</i> .	<i>creux</i> , <i>m.</i> , <i>or creux sur payol</i> .
derelict.	épave, <i>f.</i>
derrick.	un mât de rechange.
dingy.	youyou, <i>m.</i>
dip (of needle).	l'inclinaison, <i>f.</i>

dipping-needle.	une aiguille d'inclinaison.
disembark (to).	débarquer.
disembarkment.	débarquement, <i>m.</i>
distress (in).	en détresse.
<i>to hoist a flag of —.</i>	<i>mettre son pavillon en berne.</i>
<i>signal of —.</i>	<i>signal de détresse.</i>
dive (to).	plonger.
diver.	plongeur, <i>m.</i>
diving-bell.	une cloche à plongeur.
dividers.	compas (<i>m.</i>) à pointes sèches.
dock.	bassin, <i>m.</i>
<i>dry —.</i>	<i>bassin à sec.</i>
<i>floating —.</i>	<i>bassin à flot.</i>
— <i>dues.</i>	<i>les droits de bassin.</i>
<i>to —.</i>	<i>faire passer au bassin.</i>
dockyard.	un arsenal de la marine, chan-
dog vane.	penon, <i>m.</i> [tier, <i>m.</i>
dog watch.	petits quarts, <i>m. pl.</i>
dolphin striker.	un arc-boutant de martingale.
donkey-engine.	petit-cheval, <i>m.</i>
double (a cape) (to).	doubler.
downhaul.	hâle-bas, <i>m.</i>
draft (of water).	tirant d'eau, <i>m.</i>
drag.	drague, <i>f.</i>
draught.	<i>see</i> draft.
dress (to) ship.	pavoiser.
drift (to).	dériver.
drift.	dérive, <i>f.</i>
drive (to).	dériver.
driven ashore.	jeté à la côte.
driver (sail).	flèche-en-cul, <i>f.</i>
drizzle (to).	brouillasser.
drizzling rain.	pluie fine, <i>f.</i>
drop down with the tide (to).	descendre en jusant.
duck (canvass).	toile (<i>f.</i>) à voiles.

dunnage.	farbage, <i>m.</i>
dusk.	la brune.
duty.	le service.
<i>to be on</i> —.	<i>être de service.</i>
<i>to be off</i> —.	<i>ne pas être de service.</i>
<i>the officer on</i> —.	<i>l'officier de service.</i>
duties (custom).	droits, <i>m. pl.</i>
ease (a cable) (to).	filer (un cable).
ease off!	larguer!
— <i>her</i> !	<i>doucement!</i>
east.	est; pronounce the <i>t.</i>
<i>the</i> —.	<i>l'orient, m., l'est, m.</i>
— <i>wind.</i>	<i>le vent d'est.</i>
— <i>ward.</i>	<i>à l'est.</i>
ebb.	reflux, <i>m.</i>
— <i>tide.</i>	<i>jusant, m.</i>
eccentric (of engine).	l'excentrique, <i>f.</i>
eddy.	remous, <i>m.</i>
edge away (to).	s'éloigner.
embargo.	embargo, <i>m.</i>
embark (to).	embarquer.
— (<i>of one's-self</i>).	<i>s'embarquer.</i>
embarkation.	embarquement, <i>m.</i>
engine.	machine, <i>f.</i>
— <i>room.</i>	<i>la chambre des machines.</i>
<i>fire</i> —.	<i>une pompe à incendie.</i>
<i>high-pressure</i> —.	<i>une machine à haute pression.</i>
<i>low-pressure</i> —.	<i>machine à basse pression.</i>
<i>triple-expansion</i> —.	<i>machine à triple expansion.</i>
<i>quadruple-expansion</i> —.	<i>machine à quadruple expansion.</i>
<i>100 horse</i> —.	<i>machine de cent chevaux.</i>
engineer.	mécanicien, <i>m.</i>
ensign.	le pavillon de poupe.
evolutions.	évolutions, <i>f., manœuvres, f. pl.</i>
<i>fleet</i> —.	<i>manœuvres d'escadre.</i>
eye.	œil, <i>m.</i>

<i>flemish eye.</i>	<i>œil à la flamande.</i>
eyelet hole.	un œil de pie.
fair (weather).	beau temps.
— <i>wind.</i>	<i>bon vent.</i>
fathom.	brasse,* <i>f.</i>
to feather the oar.	mettre la rame à plat.
feathering paddle.	une aube articulée.
fender (of boat).	défense, <i>f.</i>
ferry-boat.	bac, <i>m.</i>
to — <i>over.</i>	<i>passer.</i>
— <i>man.</i>	<i>passeur, m.</i>
fid (of mast).	clé, <i>f.</i>
— (<i>splicing</i>).	<i>épissoir, m.</i>
to —.	<i>mettre en clé.</i>
fiddle block.	une poulie en violon.
fife rail.	râtelier, <i>m.</i>
fire.	feu, <i>m.</i>
to light the —s.	<i>allumer les feux.</i>
to bank the —.	<i>conserver les feux allumés.</i>
— <i>plug.</i>	<i>une prise d'eau.</i>
to — (<i>a gun</i>).	<i>tirer un coup de canon.</i>
fire !	feu !
fish davit.	le bossoir de traversière.
— <i>tackle.</i>	<i>traversière, f.</i>
to — (<i>the anchor</i>).	<i>traverser l'ancre.</i>
fisherman.	pêcheur, <i>m.</i>
fishing.	la pêche.
— <i>boat.</i>	<i>bateau pêcheur.</i>
flag.	pavillon, <i>m.</i>
— <i>ship.</i>	<i>vaisseau amiral, m.</i>
— <i>of truce.</i>	<i>le pavillon parlementaire, le</i> <i>drapeau blanc.</i>
— (<i>half-mast high</i>).	<i>le pavillon en berne, or à mi-mât.</i>
to strike the —.	<i>amener le pavillon.</i>
— <i>of truce (the bearer of a).</i>	<i>un parlementaire, m.</i>

* The French 'brasse' is equal to 1.624 metre, or very nearly 5 ft. 4 inches. An English 'fathom' is equal to 1.829 metre = 6 feet..

<i>flag-staff.</i>	<i>le mât de pavillon.</i>
fleet.	flotte, <i>f.</i>
float (to).	surnager.
<i>a —.</i>	<i>flotteur, m.</i>
flood.	marée, <i>f.</i>
— <i>tide.</i>	<i>marée, f., flot, m.</i>
flotsam.	le jet de la mer.
flow (to).	couler.
fly-boat.	fibot, <i>m.</i>
foam.	écume, <i>f.</i>
foamy.	écumeu-x, -se.
F. O. B. (free on board).	sous vergues.
focus.	foyer, <i>m.</i>
<i>to focus.</i>	<i>mettre au point.</i>
focussing.	la mise au point.
fog.	brume, <i>f.</i> [à bouquin.
— <i>horn.</i>	<i>une trompe de brume, un cornet</i>
— <i>signal.</i>	<i>un signal de brume.</i>
it is foggy.	il y a de la brume.
foot.	pied, <i>m.</i> (see Table III.).
— <i>rope.</i>	<i>marchepied, m.</i>
force-pump.	une pompe foulante.
fore.	la misaine.
— <i>braces.</i>	<i>bras de misaine.</i>
— <i>cabin.</i>	<i>la chambre d'avant.</i>
— <i>course.</i>	<i>misaine, f.</i>
— <i>chains.</i>	<i>porte haubans de misaine.</i>
— <i>and main top sails.</i>	<i>huniers, m. pl.</i>
— <i>mast.</i>	<i>mât (m.) de misaine.</i>
— <i>royal.</i>	<i>petit cacatois.</i>
— <i>royal mast.</i>	<i>petit mât de cacatois.</i>
— <i>sail.</i>	<i>misaine, f.</i>
— <i>stay.</i>	<i>un étai de misaine.</i>
— <i>sky-sail.</i>	<i>petit cacatois volant.</i>
— <i>spencer.</i>	<i>misaine goëlette.</i>

<i>fore stay-sail.</i>	<i>la trinquette.</i>
— <i>tackle.</i>	<i>le grément de l'avant.</i>
— <i>top.</i>	<i>hune de misaine.</i>
— <i>top-sail.</i>	<i>petit hunier.</i>
— <i>top-mast.</i>	<i>petit mât de hune.</i>
— <i>top-mast stay-sail.</i>	<i>petit foc.</i>
— <i>top-gallant mast.</i>	<i>mât de petit perroquet.</i>
— <i>top-gallant sail.</i>	<i>petit perroquet.</i>
— <i>yard.</i>	<i>vergue de misaine.</i>
— <i>and aft.</i>	<i>de l'avant à l'arrière.</i>
forecastle.	le poste de l'équipage.
forecastle.	le gaillard d'avant.
foreland.	promontoire, <i>m.</i>
fore-tackle.	la candelette.
fork and lashing eyes.	fourche de collier d'étai.
forward.	à l'avant.
foul.	engagé.
<i>to — (of the anchor).</i>	<i>surjaler, engager une ancre.</i>
<i>to — (hawse).</i>	<i>avoir des tours de chaîne.</i>
frame (of ship).	membrure, <i>f.</i>
freight.	cargaison, <i>f.</i>
— (<i>price</i>).	<i>frêt, m.</i>
<i>to —.</i>	<i>fréter.</i>
freighter.	affréteur, <i>m.</i>
frigate.	frégate, <i>f.</i>
frost.	la gelée.
fuel.	combustible, <i>m.</i>
funnel (of steamer).	cheminée, <i>f.</i> , tuyau, <i>m.</i>
furl (to) a sail.	serrer une voile.
furnace.	fourneau, <i>m.</i>
futtock shrouds.	gambes (<i>f.</i>) de revers.
gaff.	pic, <i>m.</i>
<i>at the end of the —.</i>	<i>au pic.</i>
<i>spanker —.</i>	<i>la corne.</i>

<i>gaff sail.</i>	<i>voile à corne.</i>
— <i>halliards.</i>	<i>drisses du pic.</i>
— <i>top-sail.</i>	<i>flèche d'artimon, f.</i>
gale.	tempête, <i>f.</i>
galleys.	cuisine, <i>f.</i>
gammonings of the bowsprit.	liures (<i>f.</i>) de beaupré.
gangway.	passavant, <i>m.</i>
— <i>port.</i>	<i>la portière.</i>
gantline.	cartahu, <i>m.</i>
garboard strake.	gabord, <i>m.</i>
garnet.	bredindin, <i>m.</i>
<i>clew —.</i>	<i>un cargue-point.</i> [ferlage.]
gasket.	jarretièrre, <i>f.</i> ; un raban de
gauge.	jauge, <i>m.</i>
— (<i>draft of water</i>).	<i>le tirant d'eau.</i>
<i>steam —.</i>	<i>manomètre, m.</i>
gear.	drisse, <i>f.</i> ; gréement, <i>m.</i>
<i>to throw out of —.</i>	<i>arrêter.</i>
gig.	yole, <i>f.</i> ; youyou, <i>m.</i>
gin-block.	chape, <i>f.</i>
girt-line.	cartalin, <i>m.</i>
glass (spy).	télescope, <i>m.</i>
<i>weather —.</i>	<i>baromètre, m.</i>
<i>hour —.</i>	<i>sablier, m.</i>
go about (to).	virer de bord vent devant.
— <i>ahead!</i>	<i>en avant!</i>
— <i>astern!</i>	<i>en arrière!</i>
<i>going free.</i>	<i>courant large.</i>
<i>let her go off!</i>	<i>laissez arriver!</i>
<i>to go into dock.</i>	<i>se radouber.</i>
<i>to — (down a river).</i>	<i>descendre, aller en aval.</i>
<i>to — (up a river).</i>	<i>monter, aller en amont.</i>
goods.	marchandises, <i>f. pl.</i>
goose neck.	potence, <i>f.</i>
grapnel.	grappin, <i>m.</i>

- grappling-chains.
 gratings.
 graving dock.
 gripe.
 grommet.
 guard ship.
 guesswarp.
 gun (cannon).
 — *boat*.
 — (*rifle*).
 rifled —.
 — *barrel*.
 — *carriage*.
 — *cotton*.
 — *deck*.
 — *port*.
 — *room*.
 — —.
 — — *officers*.
 — *shot* (*distance*).
 — *tackle purchase*.
 morning —.
 evening —.
 gunpowder.
 gunsmith.
 gunwale.
 guy.
 — *rope*.
 — *tackle*.
 gybe (to).

 hail.
 — (*within*).
 halliard.
 hammer.

 grappins, *m. pl.*
 caillebotis, *m.*
 bassin (*m.*) de radoub.
 brion, *m.*
 estrope (*f.*) à ersiau.
 vaisseau amiral.
 faux bras élongé en créance.
 canon, *m.*
canonnière, f.
fusil, m.
canon rayé.
canon de fusil.
affût, m.
fulmi-coton, m.
batterie, f.
sabord, m.
fausse sainte barbe, f.
le poste des aspirants.
sous officiers.
à portée de fusil, de canon.
itague, f.
le coup de canon de diane.
le coup de canon de retraite.
 la poudre à canon.
 armurier, *m.*
 plat-bord, *m.*
 hauban de bout dehors.
maroquin, m.
palan (m.) de suspente.
 gambéyer.

 la grêle.
à portée de voix.
 drisse, *f.*
 marteau, *m.*

handsomely !	en douceur !
handspike.	aspect, <i>m.</i>
hands (the) on board.	les hommes.
<i>all — ahoy !</i>	<i>tout le monde sur le pont !</i>
hank.	rocambeau, <i>m.</i>
harbour.	port, <i>m.</i>
— <i>dues.</i>	<i>droits de mouillage.</i>
— <i>master.</i>	<i>capitaine de port.</i>
— <i>of refuge.</i>	<i>port de refuge.</i>
<i>tidal —.</i>	<i>port de marée.</i>
hatches.	écoutilles, <i>f. pl.</i>
hatchway.	écoutille, <i>f.</i>
haul (to).	hâler.
— <i>aft !</i>	<i>bordez !</i>
— <i>down ! (sails).</i>	<i>amenez !</i>
— <i>in !</i>	<i>hâlez à bord !</i>
— <i>out ! — up !</i>	<i>hissez !</i>
— <i>taut !</i>	<i>raidissez ! embraquez !</i>
hauling to the wind.	serrer le vent.
haulyard.	drisse, <i>f.</i>
haven.	havre, <i>m.</i> ; port, <i>m.</i>
hawse hole.	écubier, <i>m.</i>
— <i>plug.</i>	<i>tampon, m.</i>
hawser.	haussière, <i>f.</i>
— <i>(small).</i>	<i>faux bras, m. pl.</i>
<i>towing —.</i>	<i>remorque, f.</i>
— <i>bend.</i>	<i>nœud de plein poing, m.</i>
haze.	brume, <i>f.</i>
head (of a ship).	l'avant, <i>m.</i> ; le cap.
<i>mast —.</i>	see under <i>mast.</i>
<i>figure —.</i>	<i>guibre, m.</i> ; <i>éperon, m.</i>
— <i>wind.</i>	<i>vent debout.</i>
headland.	pointe, <i>f.</i>
health (bill of).	patente de santé, <i>f.</i>
— <i>(board of)</i>	<i>le bureau de la santé.</i>

heart.	moque, <i>f.</i>
heave (to).	jeter, lever.
— <i>away.</i>	<i>virer.</i>
— <i>down.</i>	<i>virer en carène.</i>
— <i>in at the capstan.</i>	<i>virer au cabestan.</i>
— <i>to.</i>	<i>mettre en panne.</i>
heave up the anchor!	dérapez!
heavily laden.	pesamment chargé.
heel (of a mast).	piéd, <i>m.</i>
— <i>rope.</i>	<i>braguet, m.</i>
helm.	gouvernail, <i>m.</i>
<i>the ship answers her —.</i>	<i>le navire gouverne bien.</i>
<i>the man at the —.</i>	<i>l'homme de barre.</i>
— <i>port.</i>	<i>le trou de jaumière.</i>
<i>mind the —!</i>	<i>attention à la barre!</i>
<i>put the — up!</i>	<i>arrive un peu!</i>
helmsman.	timonnier, <i>m.</i>
high water.	marée haute, <i>f.</i>
— — <i>mark.</i>	<i>le niveau des hautes eaux.</i>
hitch.	nœud, <i>m.</i>
<i>blackwall —.</i>	<i>nœud de bec d'oiseau.</i>
<i>double — —.</i>	<i>nœud de bec d'oiseau double.</i>
<i>bowline —.</i>	<i>nœud de chaise.</i>
<i>cat's-paw —.</i>	<i>gueule de raie.</i>
<i>clove —.</i>	<i>demi-clefs à capeler.</i>
<i>half —.</i>	<i>demi-clef, f.</i>
— — <i>and timber hitch.</i>	<i>demi-clef et barbouquet.</i>
— — <i>and seizing.</i>	<i>ajut avec demi-clef et amarrage.</i>
<i>marling —.</i>	<i>transfilage avec demi-clef.</i>
<i>marling-spike —.</i>	<i>nœud de griffe, patte (f.) de chat,</i> <i>nœud de tré sillon.</i>
<i>rolling —.</i>	<i>laguis, m., nœud de bosse, m.</i>
<i>timber —.</i>	<i>nœud de bois.</i>
hitch (to).	nouer, amarrer.
H.M.S.	Vaisseau de sa Majesté.

hogged.	arqué.
hogging.	passer le goret.
hogshead.	barrique, <i>f.</i>
hoist (of a sail).	guindant, <i>m.</i> (de voile).
<i>to —.</i>	<i>hisser.</i>
— (<i>with a winch</i>).	<i>guinder.</i>
— <i>in (to)</i> .	<i>embarquer.</i>
— <i>out (to)</i> .	<i>débarquer.</i>
— <i>taut up!</i>	<i>étarquez!</i>
— <i>away!</i>	<i>hissez!</i>
hoisting.	guindage, <i>m.</i>
hold.	cale, <i>f.</i>
<i>depth of —.</i>	<i>le creux sur payol.</i>
hold on!	tenez bon!
homeward bound.	sur son retour.
hook.	croc, <i>m.</i>
— (<i>boat</i>).	<i>gaffe, f.</i>
<i>fish —.</i>	<i>hameçon, m.</i>
horse-power.*	<i>cheval vapeur, m.</i>
hose (fire).	une manche à eau.
housetine.	merlin, <i>m.</i>
housing a mast.	caler un mât.
hove to.	en panne.
hulk.	ponton, <i>m.</i>
hull.	coque, <i>f.</i> ; carène, <i>f.</i>
hurricane.	ouragan, <i>m.</i>
husband (ship's).	gérant, <i>m.</i>
ice.	glace, <i>f.</i>

* The English horse-power is equivalent to the work done by continuous exertion, at the rate of 33,000 lbs. raised through one foot in one minute. *Cheval vapeur* is now equivalent to 100 kilogrammètres. The kilogrammètre is equal to the work done by the continuous exertion necessary to raise one kilogramme, one mètre, in one second. The English horse-power is equal to seventy-six kilogrammètres.

<i>ice-field.</i>	<i>un banc de glace.</i>
— <i>berg.</i>	<i>banquise, f.</i>
import duty.	le droit d'entrée.
— <i>commerce.</i>	<i>commerce (m.) d'importation.</i>
inch.	pouce (<i>see</i> Table III.).
Indiaman (East).	navire des Indes.
inlet.	un bras de mer.
insurance.	assurance, <i>f.</i>
— <i>Lloyd's</i> —.	<i>assurance maritime, f.</i>
invoice.	facture, <i>f.</i>
iron.	fer, <i>m.</i>
— <i>galvanized</i> —.	<i>fer galvanisé, m.</i>
— <i>hoop</i> —.	<i>du feuillard.</i>
— <i>cast</i> —.	<i>de la fonte.</i>
— <i>pig</i> —.	<i>gueuse, f.</i>
— <i>sheet</i> —.	<i>de la tôle, f.</i>
— <i>wrought</i> —.	<i>du fer forgé.</i>
— <i>clad.</i>	<i>cuirassé, blindé.</i>
— <i>wire.</i>	<i>du fil de fer, m.</i>
island.	île, <i>f.</i>
isthmus.	isthme, <i>m.</i>
jacket (of engine).	chemise, <i>f.</i>
jib.	foc, <i>m.</i>
— <i>flying</i> —.	<i>clin foc, m.</i>
— <i>flying</i> — <i>guys.</i>	<i>martingale, f.</i>
— <i>standing</i> —.	<i>grand foc, m.</i>
— <i>boom.</i>	<i>bout dehors de foc.</i>
— <i>flying</i> — <i>boom.</i>	<i>bout dehors de clin foc.</i>
— <i>stay.</i>	<i>draille, f.</i>
jigger.	tapecul, <i>m.</i>
jury-mast.	mât de fortune.
kedge.	ancre à jet.
kedging.	se touer.

keel.	quille, <i>f.</i>
<i>false</i> —.	<i>fausse quille.</i>
keelson.	carlingue, <i>f.</i>
keep her away !	<i>laissez arriver ! laissez porter.</i>
kentledge.	gueuse, <i>f.</i>
knees.	<i>courbes, f. pl.</i>
knight heads.	<i>les apôtres.</i>
knot.	<i>nœud,* m.</i>
<i>to run 12 knots an hour.</i>	<i>filer 12 nœuds à l'heure.</i>
<i>how many knots do we run ?</i>	<i>combien filons-nous ?</i>
<i>to tie a</i> —.	<i>faire un nœud.</i>
<i>running bowline</i> —.	<i>nœud d'anguille.</i>
<i>slip</i> —.	<i>nœud coulant.</i>
<i>sheet</i> —.	<i>nœud d'écoute.</i>
<i>fisherman's bend</i> —.	<i>nœud de grappin.</i>
<i>shroud</i> —.	<i>nœud de hauban.</i>
<i>buoy-rope</i> —.	<i>nœud d'orin.</i>
<i>reef</i> —.	<i>nœud plat.</i>
<i>figure of 8</i> —.	<i>nœud d'arrêt.</i>
<i>half-crown</i> —.	<i>amarrage en étrive.</i>
<i>horse-shoe</i> —.	<i>nœud de griffe.</i>
<i>Matthew Walker</i> —.	<i>nœud de ride.</i>
<i>standing Turk's head</i> —.	<i>bonnet turc.</i>
<i>stopper</i> —.	<i>cul de porc double.</i>
<i>selvagee strop</i> —.	<i>erse en bitord.</i>
<i>wall</i> —.	<i>cul de porc simple.</i>
<i>two bowlines</i> —.	<i>nœud d'agui.</i>
<i>cat's-paw</i> —.	<i>une gueule de raie.</i>

* The French nautical mile, or knot, like the English nautical mile, or knot, is the length of a minute of latitude. Though it is different for every latitude, it is considered to be equal to 1852 metres, that is, 6076·40 feet. As the Admiralty knot is equal to 6080 feet, the difference between the French and the English nautical miles is then equal to 3·60 feet, a difference which it is hardly necessary to take into consideration except for very long distances.

ladder.	échelle, <i>f</i> .
lading (bill of).	connaissance, <i>m</i> .
lamp-oil.	huile (<i>f</i>) à brûler.
land.	terre, <i>f</i> . [<i>terre (of goods)</i>].
<i>to</i> —.	<i>débarquer (passengers), mettre à</i>
landing.	<i>débarquement, m</i> .
— <i>place or stage</i> .	<i>débarcadère, m</i> .
laniard or lanyard.	aiguillette, <i>f</i> ., ride, <i>f</i> .
lantern.	lanterne, <i>f</i> .
— (<i>of lighthouse</i>).	<i>fanal, m</i> .
larboard (<i>see port</i>).	babord, <i>m</i> .
latch.	linguet, <i>m</i> .
latitude.	latitude, <i>f</i> .
to launch.	mettre à l'eau, lancer.
<i>a</i> —.	<i>chaloupe, f</i> .
lay days.	jours de planche.
to lay up.	désarmer, désemparer.
lead.	plomb, <i>m</i> .
<i>the</i> — (<i>for sounding</i>).	<i>sonde, f</i> .
<i>red</i> —.	<i>minium, m</i> .
<i>white</i> —.	<i>du blanc de céruse</i> .
<i>to heave the</i> —.	<i>jeter la sonde</i> .
<i>deep-sea</i> —.	<i>grande sonde</i> .
leading seaman.	gabier, <i>m</i> .
leadsman.	le sondeur.
to leak.	faire eau.
<i>to spring a</i> —.	<i>faire une voie d'eau</i> .
leakage.	voie d'eau, <i>f</i> .
lee (on the).	sous le vent.
— <i>side</i> .	<i>côté sous le vent</i> .
<i>brought by the</i> —.	<i>empanné</i> .
— <i>shore</i> .	<i>terre sous le vent</i> .
— <i>tide</i> .	<i>marée portant sous le vent</i> .
— <i>way</i> .	<i>dérive, f</i> .
leech (of a sail).	chute, <i>f</i> .

<i>leech line.</i>	<i>cargue bouline, f.</i>
leeward (to).	sous le vent.
<i>keep to — of —.</i>	<i>arrivez pour —.</i>
lens.	lentille, <i>f.</i>
let go !	larguez !
letter of mark.	lettre de marque.
lieutenant (first).	lieutenant de vaisseau.
<i>sub —.</i>	<i>un enseigne.</i>
life belt.	ceinture (<i>f.</i>) de sauvetage.
— <i>boat.</i>	<i>un canot de sauvetage.</i>
— <i>buoy.</i>	<i>bouée (f.) de sauvetage.</i>
lifts.	balancines, <i>f. pl.</i>
light house.	phare, <i>m., feu, m.</i>
— <i>ship.</i>	<i>phare flottant, m.</i>
<i>floating —.</i>	<i>un feu flottant.</i>
— <i>house keeper.</i>	<i>gardien de phare.</i>
<i>first order —.</i>	<i>un feu de premier ordre.</i>
<i>fixed —.</i>	<i>un feu fixe.</i>
<i>revolving —.</i>	<i>un feu tournant.</i>
<i>occulting —.*</i>	<i>feu à éclipses.</i>
<i>flashing —.</i>	<i>feu à éclats.</i>
<i>à flash every minute.</i>	<i>un éclat de minute en minute.</i>
<i>electric —.</i>	<i>lumière électrique.</i>
<i>to burn a — (signal).</i>	<i>brûler une amorce.</i>
<i>twinkling —.</i>	<i>feu scintillant.</i>
<i>flare-up —.</i>	<i>feu à éclats.</i>
<i>mast head —.</i>	<i>feu de tête de mât.</i>
<i>port bow —.</i>	<i>feu de babord.</i>
<i>starboard bow —.</i>	<i>feu de tribord.</i>
<i>signal —s.</i>	<i>feux de signaux.</i>
<i>a red —.</i>	<i>un feu rouge.</i>
<i>a green —.</i>	<i>un feu vert.</i>

* Always known by that name in the merchant service. The same as *intermittent light*.

<i>a white light.</i>	<i>un feu blanc.</i>
<i>a — on the port bow!</i>	<i>un feu par le bossoir de babord!</i>
<i>a — ahead!</i>	<i>un feu devant!</i>
lighter.	allège, <i>f.</i>
limbers.	anguilliers, <i>m. pl.</i>
— (<i>boards</i>).	paracloses, <i>pl.</i>
line.	corde, <i>f.</i> , amarre, <i>f.</i>
loading.	chargement, <i>m.</i>
loadstone.	aimant, <i>m.</i>
log (to measure speed).	loch, <i>m.</i>
<i>to heave the —.</i>	<i>jeter le loch.</i>
— <i>book.</i>	<i>journal de bord, m.</i>
longitude.	longitude, <i>f.</i>
long stay.	virer à long pic.
loof.	lof, <i>m.</i>
look-out (the).	vigie, <i>f.</i>
<i>to be on the —.</i>	<i>être en vigie.</i>
<i>to keep a good —.</i>	<i>veiller - bien, faire bon quart,</i> <i>avoir l'œil au bossoir.</i>
look out!	veille!
low water.	la marée basse.
— — <i>mark.</i>	<i>le niveau des basses eaux.</i>
lower mast.	bas-mât, <i>m.</i>
— <i>yard.</i>	<i>basse vergue, f.</i>
<i>to — a boat.</i>	<i>mettre une embarcation à la mer.</i>
<i>to —.</i>	<i>baisser.</i>
— <i>away.</i>	<i>amener.</i>
lubber's point.	ligne de foi.
to luff.	loffer.
luffer boards.	auvents articulés, <i>m. pl.</i>
lug-sail.	une voile à bourcet.
<i>dipping —.</i>	<i>voile à bourcet gambéyant.</i>
<i>standing —.</i>	<i>voile à bourcet fixe.</i>
lugger.	lougre, <i>m.</i> ; chasse-marée, <i>m.</i>
lull.	accalmie, <i>f.</i>

lump (in a dockyard). lying to.	une chaloupe de port. être à la cape.
magnet.	aimant, <i>m.</i>
mail steamer.	paquebot-poste, <i>m.</i> [<i>m. pl.</i>
main chains.	porte haubans de grand mât,
— <i>course.</i>	<i>grand'voile, f.</i>
— <i>mast.</i>	<i>grand mât, m.</i>
— <i>royal.</i>	<i>grand cacatois, m.</i>
— <i>sail.</i>	<i>grand'voile, f.</i>
— <i>sheet.</i>	<i>grand'écoute, f.</i>
— <i>stay-sail.</i>	<i>pouilleuse, f.</i>
— <i>top.</i>	<i>grand'hune, f.</i>
— <i>top-sail.</i>	<i>grand hunier, m.</i>
— <i>top-mast.</i>	<i>grand mât de hune, m.</i>
— <i>top-gallant mast.</i>	<i>mât de grand perroquet, m.</i>
— <i>top-gallant sail.</i>	<i>grand perroquet, m.</i>
— <i>yard.</i>	<i>grand'verge, f.</i>
making a sternboard.	culer.
manger.	écubier de pont, <i>m.</i>
man-of-war.	bâtiment de guerre, <i>m.</i>
to man (the yards).	monter les vergues.
map.	carte, <i>f.</i>
— <i>of the world.</i>	<i>mappemonde, f.</i>
marine (a soldier).	soldat de marine.
— <i>royal — light infantry.</i>	<i>l'infanterie de marine.</i>
— <i>royal — artillery.</i>	<i>l'artillerie de marine.</i>
mariner's compass.	la boussole.
marline spike.	épissoir, <i>m.</i>
— <i>hitch.</i>	<i>nœud de tré sillon, m.</i>
mast.	mât, <i>m.</i>
— <i>at head of the —.</i>	<i>aux barres de cacatois, f. pl.</i>
— <i>head rigging.</i>	<i>capelage, m.</i>
— <i>head rope.</i>	<i>guinderesse, f.</i>
— <i>three —ed.</i>	<i>à trois mâts.</i>

<i>a three master.</i>	<i>un trois mâts, m.</i>
masting.	mâter.
master mariner.	capitaine au long cours.
mean time, G.M.T.	temps moyen, <i>m.</i> , T.M.
Mercator's charts.	cartes réduites, <i>f.</i>
merchantman.	navire marchand, <i>m.</i>
merchant vessel.	batiment (<i>m.</i>) de commerce.
ante-meridiem, A.M.	avant-midi, M.
<i>post — (P.M.).</i>	<i>après-midi (soir), S.</i>
midshipman.	aspirant de marine, <i>m.</i>
midships.	par le travers.
milky way.	la voie lactée.
mine.	mine, <i>f.</i>
<i>submarine —.</i>	<i>mine sous-marine, f.</i>
miss (to) stays.	manquer à virer.
mizen.	misaine, <i>f.</i>
— <i>mast.</i>	<i>mât d'artimon.</i>
— <i>chains.</i>	<i>porte hauban d'artimon.</i>
— <i>mast-cap.</i>	<i>chouquet (m.) d'artimon.</i>
— <i>royal.</i>	<i>cacatois de perruche.</i>
— <i>royal-mast.</i>	<i>mât de cacatois de perruche.</i>
— <i>top.</i>	<i>la hune d'artimon.</i>
— <i>lug.</i>	<i>tapecul, m.</i>
— <i>top-mast.</i>	<i>mât de perroquet de fougue.</i>
— <i>top-sail.</i>	<i>perroquet de fougue.</i>
— <i>top-gallant mast.</i>	<i>mât de perruche.</i>
— <i>top-gallant sail.</i>	<i>perruche, f.</i>
monsoon.	mousson, <i>f.</i>
moon.	la lune.
<i>age of the —.</i>	<i>l'âge de la lune.</i>
<i>new —.</i>	<i>la nouvelle lune.</i>
<i>first quarter.</i>	<i>le premier quartier.</i>
<i>full —.</i>	<i>la pleine lune.</i>
<i>last quarter.</i>	<i>le dernier quartier.</i>
moored (to be).	être affourché.

mooring.	amarrage, <i>m.</i>
— <i>s.</i>	<i>corps mort, m.</i>
— <i>buoy.</i>	<i>coffre, m.</i>
— <i>ring.</i>	<i>organeau, m.</i>
mop.	<i>vadrouille, f.</i>
mouse a hook (to).	moucheter un croc.
muzzle (of a gun).	la bouche (d'un canon).
nautical almanac.	la connaissance des temps, les éphémérides maritimes.
naval school.	école de marine, <i>f.</i>
— <i>cadet.</i>	<i>un élève de l'école navale.</i>
navy.	marine, <i>f.</i>
<i>royal —.</i>	<i>la marine militaire.</i>
<i>merchant —.</i>	<i>la marine marchande.</i>
<i>the English —.</i>	<i>la marine anglaise.</i>
<i>the French —.</i>	<i>la marine française.</i>
neap-tide.	marée de morte eau, <i>f.</i> , marée
needle (compass).	la boussole. [de quadrature.
net.	filet, <i>m.</i>
netting (of a ship).	bastingage, <i>m.</i>
— <i>needle.</i>	<i>navette, f.</i>
— <i>pin.</i>	<i>moule, m.</i>
no higher.	pas plus près.
noon.	midi, <i>m.</i>
north.	nord, <i>m.</i>
nothing off!	n'arrivez pas!
oakum.	étoupe, <i>f.</i>
oar.	aviron, <i>m.</i> , rame, <i>f.</i>
<i>bow —.</i>	<i>aviron de l'avant.</i>
<i>stroke —.</i>	<i>aviron de l'arrière.</i>
— <i>s!</i>	<i>lève rames!</i>
<i>to lie on the —s.</i>	<i>rester sur les avirons.</i>
<i>back the —s!</i>	<i>sciez! nage a culer!</i>

<i>bend to your oars!</i>	<i>nagez de long!</i>
<i>ship your —s!</i>	<i>armez!</i>
<i>unship your —s!</i>	<i>désarmez!</i>
off!	au large!
<i>lying —.</i>	<i>à la hauteur de.</i>
<i>to get —.</i>	<i>gagner le large.</i>
officer.	officier, <i>m.</i>
<i>naval —.</i>	<i>officier de marine.</i>
offing (in the).	au large.
orlop deck.	faux pont, <i>m.</i>
outhaul.	drisse, <i>f.</i>
— <i>rigger.</i>	<i>boute lof, m.</i>
overhaul (to).	visiter.
— (<i>a sail</i>).	<i>affaler.</i>
packet boat.	paquebot, <i>m.</i>
<i>steam —.</i>	<i>paquebot à vapeur, m.</i>
paddle (of canoe).	pagaie, <i>f.</i>
— <i>of steamer.</i>	<i>aube, f.</i>
— <i>box.</i>	<i>tambour, m.</i>
— <i>steamer.</i>	<i>un vapeur à aubes.</i>
— <i>wheel.</i>	<i>roue (f.) à aubes.</i>
<i>feathering — —.</i>	<i>roue à aubes articulées.</i>
painter.	bosse, <i>f.</i>
parallel motion.	le parallélogramme de Watt.
parbuckle.	trevire, <i>f.</i>
parcel a rope (to).	limander.
parrel.	racage, <i>m.</i>
partners.	les étambrais, <i>m.</i>
pass a stopper (to).	fouetter une bosse.
passage.	traversée, <i>f.</i>
— <i>money.</i>	<i>le prix de la traversée.</i>
passenger.	passag-er, -ère.
paul.	linguet, <i>m.</i>
<i>to —.</i>	<i>mettre les linguets à.</i>

pay the ship's head off (to).	faire retomber l'avant du navire.
paymaster.	officier payeur.
pay.	la solde.
<i>full</i> —.	<i>la solde entière.</i>
<i>half</i> —.	<i>la demi-solde.</i>
peak.	pic, <i>m.</i>
<i>to</i> —.	<i>apiquer.</i>
— <i>halliards.</i>	<i>drisses (f. pl.) du pic.</i>
pendant (flag).	flamme, <i>f.</i>
<i>broad</i> —.	<i>guidon, m.</i>
pendulum.	pendule, <i>m.</i> , balancier, <i>m.</i>
pennant.	pantoire, <i>f.</i>
periodic time.	révolution sidérale, <i>f.</i>
pier.	jetée, <i>f.</i>
— <i>dues.</i>	<i>le droit de jetée.</i>
pilot.	pilote, <i>m.</i>
— <i>boat.</i>	<i>bateau-pilote.</i>
pilotage fee.	frais de pilotage.
pinnacle.	le grand canot.
pintle.	aiguillot, <i>m.</i>
pitch.	poix, <i>f.</i> , brai, <i>m.</i>
pitching (of a ship).	tangage, <i>m.</i>
point (of the compass).	une aire de vent.
— <i>a rope (to).</i>	<i>faire une queue de rat.</i>
pole.	pole, <i>m.</i>
— <i>star.</i>	<i>étoile polaire, f.</i>
poop.	dunette, <i>f.</i>
port (harbour).	port, <i>m.</i>
— <i>hole.</i>	<i>sabord, m.</i>
— (<i>side of ship</i>).*	<i>babord, m.</i>

* In the French navy the words *babord* and *tribord*, 'port' and 'star-board,' have reference to the head of the ship, and not to the helm. Thus the command *babord!* 'port!' does not mean that the helm is to be put over to port, but that the head of the ship is to go to port. When the order refers specially to the tiller, the French officer com-

<i>port!</i>	<i>babord!</i>
<i>on the — bow.</i>	<i>par babord devant.</i>
<i>on the — tack.</i>	<i>babord amures.</i>
<i>hard a —!</i>	<i>babord tout!</i>
<i>haul up the —s (to).</i>	<i>ouvrir les sabords.</i>
<i>lower the —s (to).</i>	<i>fermer les sabords.</i>
powder.	<i>poudre, f.</i>
— <i>magazine.</i>	<i>la soute aux poudres.</i>
pressure gauge.	<i>manomètre, m.</i>
<i>high —.</i>	<i>à haute pression.</i>
<i>low —.</i>	<i>à basse pression.</i>
privateer.	<i>un corsaire.</i>
proW.	<i>proue, f.</i>
to pull (with an oar).	<i>nager.</i>
— <i>port!</i>	<i>nage babord!</i>
— <i>starboard!</i>	<i>nage tribord!</i>
<i>to — stroke.</i>	<i>donner la nage.</i>
pump.	<i>pompe, f.</i>
<i>main —s.</i>	<i>pompes royales, f.</i>
— <i>well.</i>	<i>l'archipompe.</i>
<i>to work a —.</i>	<i>manœuvrer une pompe.</i>
pumping engine.	<i>une machine d'épuisement.</i>
to put about (a ship).	<i>virer.</i>
— <i>back.</i>	<i>relâcher.</i>
<i>to put into port.</i>	<i>relâcher.</i>
— <i>in for.</i>	<i>faire route pour.</i>
quadrant.	<i>un quart de cercle.</i>
quarantine.	<i>la quarantaine.</i>
<i>to perform —.</i>	<i>faire la quarantaine.</i>
quarter-master.	<i>gabier, quartier-maître.</i>

mands, *babord la barre! tribord la barre!* In English, the order always refers to the tiller supposed to be used, and the kind of steering-gear employed makes no difference.

<i>quarter-deck.</i>	<i>le gaillard d'arrière.</i>
quay.	quai (<i>pronounced kay</i>), <i>m.</i>
rabbit.	râblure, <i>f.</i>
race (tide).	raz (<i>m.</i>) de marée.
raft.	radeau, <i>m.</i>
rail (of a ship).	lisse, <i>f.</i>
rain.	pluie, <i>f.</i>
<i>drizzling —.</i>	<i>bruine, f.</i>
<i>heavy —.</i>	<i>grosse pluie.</i>
— <i>awning.</i>	<i>taud, m.</i>
— <i>gauge.</i>	<i>pluviomètre, m.</i>
rainy.	pluvieu-x, -se.
ram (of a ship).	éperon, <i>m.</i>
ramrod (of rifle).	baguette, <i>f.</i>
— (<i>of cannon</i>).	<i>refouloir, m.</i>
ratlines.	enflêchures, <i>f. pl.</i>
ready about !	pare à virer !
reckoning.	estime, <i>f.</i>
<i>dead —.</i>	<i>la route estimée.</i>
red.	rouge.
reef (rock).	récif, <i>m.</i>
reef.	ris, <i>m.</i>
<i>to take a —.</i>	<i>prendre un ris.</i>
<i>to shake out a —.</i>	<i>larguer un ris.</i>
<i>close reefed.</i>	<i>au bas ris.</i>
— <i>bands.</i>	<i>bandes de ris.</i>
— <i>knot.</i>	<i>nœud plat.</i>
— <i>tackle.</i>	<i>palanquin, m.</i>
to reeve.	passer.
to refit.	se radouber.
revenue cutter.	patache, <i>f.</i>
ribs.	membres, <i>m. pl.</i>
rifle.	fusil, <i>m.</i> , carabine, <i>f.</i>
rig.	gréement, <i>m.</i>

<i>to rig.</i>	<i>gréer.</i>
rigged (the sails).	voilé.
<i>square — ship.</i>	<i>un carré.</i>
<i>barque —.</i>	<i>gréé en barque.</i>
<i>de Horsey —.</i>	<i>gréé à la de Horsey.</i>
rigging.	gréement, <i>m.</i> , capelage, <i>m.</i>
<i>standing —.</i>	<i>manœuvres dormantes, f.</i>
<i>running —.</i>	<i>manœuvres courantes, f.</i>
<i>lower —.</i>	<i>capelage de bas mât.</i>
<i>topmast —.</i>	<i>capelage de hune.</i>
— <i>of masts (the).</i>	<i>le capelage des mâts.</i>
ring (of anchor).	cigale, <i>f.</i>
— <i>(of moorings).</i>	<i>organeau, m.</i>
rhumb.	rhumb, <i>m.</i>
river.	rivière, <i>f.</i>
<i>up the —.</i>	<i>en amont.</i>
<i>down the —.</i>	<i>en aval.</i>
<i>in the —.</i>	<i>en rivière.</i>
R. N.	de la marine royale.
roadstead.	rade, <i>f.</i>
roband.	une garcette d'envergure.
to roll (like a ship).	avoir du roulis.
rolling tackle.	un palan de roulis.
rope.	cordage, <i>m.</i> , manœuvre, <i>f.</i> ,
— <i>(1 to 2 inches).</i>	<i>quarantenier, m.</i> [corde, <i>f.</i>
<i>bolt —.</i>	<i>ralingue, f.</i>
<i>foot — (yards).</i>	<i>marche-pied, m.</i>
<i>leech —.</i>	<i>une ralingue de chute.</i>
— <i>band.</i>	<i>un raban de tétière.</i>
— <i>maker.</i>	<i>cordier, m.</i>
— <i>yarn.</i>	<i>fil de caret, m.</i>
<i>tow —.</i>	<i>amarre, f.</i>
<i>hawser laid —.</i>	<i>une aussière en trois.</i>
<i>shroud laid —.</i>	<i>une aussière en quatre.</i>
<i>cable laid —.</i>	<i>grelin, m.</i>

rose lashing.	aiguilletage, <i>m.</i>
royal yard.	la vergue de cacatois.
to row.	ramer.
rowlock.	tolletière, <i>f.</i>
row-port.	un sabord d'aviron.
rudder.	gouvernail, <i>m.</i>
— case.	<i>le trou de jaumière.</i>
rule of the road (the).	la règle pour gouverner.
to run (between two places).	faire le service de — à. . .
to — aground (<i>purposely</i>).	<i>échouer.</i>
to run ashore.	<i>s'échouer.</i>
saddle.	racage, <i>m.</i>
safety valve.	la soupape de sureté.
sail.	voile, <i>f.</i>
to —.	<i>faire voile, naviguer.</i>
— (<i>on a particular course</i>).	— <i>cingler.</i>
to bend a —.	<i>enverguer une voile.</i>
to unbend a —.	<i>déverguer une voile.</i>
to carry plenty of —.	<i>porter de la toile.</i>
to shorten —.	<i>diminuer de voiles.</i>
to make more —.	<i>forcer de toile.</i>
gybing a —.	<i>coiffer une voile.</i>
to loose —.	<i>larguer les voiles.</i>
to lower a —.	<i>amener une voile.</i>
to get under —.	<i>appareiller.</i>
to set —.	<i>mettre à la voile.</i>
to set a —.	<i>établir une voile.</i>
to take a —.	<i>rentrer une voile.</i>
to trim the —s.	<i>orienter les voiles.</i>
to take in a —.	<i>screr une voile.</i>
to reef a —.	<i>prendre un ris.</i>
— cloth.	<i>de la toile à voile.</i>
— loft.	<i>la voilerie.</i>
— maker.	<i>voilier.</i>

<i>studding sail.</i>	<i>bonnette.</i>
<i>square —s.</i>	<i>voiles carrées.</i>
<i>stay —.</i>	<i>voile d'étai.</i>
<i>try —.</i>	<i>voiles goëlettes.</i>
<i>fore and aft —s.</i>	<i>voiles auriques.</i>
<i>head (of a sail).</i>	<i>tête, f.</i>
<i>leech —.</i>	<i>chute, f.</i>
<i>luff —.</i>	<i>lof, m.</i>
<i>foot —.</i>	<i>fond, m.</i>
<i>clews —.</i>	<i>les points d'écoute.</i>
<i>tack —.</i>	<i>amure, f.</i>
<i>sheets —.</i>	<i>écoutes, f.</i>
sailing.	<i>navigation, f.</i>
<i>plane —.</i>	<i>navigation à l'aide des cartes.</i>
<i>traverse —.</i>	<i>navigation à la bouline.</i>
<i>rate of —.</i>	<i>la vitesse du navire.</i>
<i>great circle —.</i>	<i>navigation orthodromique, or</i>
	<i>sur l'arc de grand cercle.</i>
<i>— vessel.</i>	<i>navire à voile.</i>
<i>sailings (list of).</i>	<i>navires en partance.</i>
sailor.	<i>marin, m.</i>
saloon.	<i>grand salon.</i>
<i>— passenger.</i>	<i>voyageur de première.</i>
salute.	<i>salut, m.</i>
<i>to fire a —.</i>	<i>faire un salut.</i>
<i>to return a —.</i>	<i>rendre un salut.</i>
<i>a — of 21 guns.</i>	<i>un salut de 21 coups de canon.</i>
samson's post.	<i>épontille, f.</i>
screw (of steamer).	<i>hélice, f.</i> [devant le temps.
to scud.	<i>avoir le vent sous vergue, fuir</i>
<i>— under bare poles.</i>	<i>courir à sec.</i>
scupper.	<i>dalot, m.</i>
scuttle (of a ship).	<i>hublot, m.</i>
<i>to —.</i>	<i>saborder, couler bas.</i>
sea.	<i>mer, f.</i>

<i>arm of the sea.</i>	<i>un bras de mer.</i>
<i>a —.</i>	<i>un coup de mer.</i>
<i>at —.</i>	<i>sur mer.</i>
<i>high —s.</i>	<i>la pleine mer.</i>
<i>inland —.</i>	<i>mer intérieure.</i>
<i>open —.</i>	<i>la pleine mer.</i>
<i>to put to —.</i>	<i>mettre à la mer.</i>
<i>to ship a —.</i>	<i>embarquer un coup de mer.</i>
<i>to go to —.</i>	<i>prendre la mer.</i>
<i>to stand out to —.</i>	<i>se tenir au large.</i>
<i>to come from the —.</i>	<i>venir de la mer.</i>
<i>— chart.</i>	<i>carte marine, f.</i>
<i>— coast.</i>	<i>la côte, le littoral.</i>
<i>— man.</i>	<i>homme de mer.</i>
<i>— port.</i>	<i>port de mer, m.</i>
<i>— shore.</i>	<i>côte, f.</i>
<i>the state of the —.</i>	<i>l'état de la mer.</i>
<i>calm —.</i>	<i>mer belle.</i>
<i>chopping —.</i>	<i>mer clapoteuse.</i>
<i>high —.</i>	<i>grosse mer.</i>
<i>heavy —.</i>	<i>mer houleuse.</i>
<i>long —.</i>	<i>mer longue.</i>
<i>squally —.</i>	<i>mer assez grosse.</i>
<i>short —.</i>	<i>mer courte.</i>
<i>smooth —.</i>	<i>mer plate.</i>
<i>very smooth —.</i>	<i>mer très belle.</i>
<i>very heavy —.</i>	<i>mer furieuse.</i>
<i>the — is getting up.</i>	<i>la mer se fait.</i>
<i>the — is falling.</i>	<i>la mer tombe.</i>
<i>seaman.</i>	<i>marin, matelot, m.</i>
<i>seamanship.</i>	<i>manœuvre, f., matelotage, m.</i>
<i>seizing.</i>	<i>amarrage, m.</i>
<i>flat —.</i>	<i>amarrage à plat.</i>
<i>throat —.</i>	<i>amarrage plat double.</i>
<i>racking —.</i>	<i>amarrage en portugaise.</i>

sennit.	tresse anglaise, <i>f.</i>
<i>French</i> —.	tresse, <i>f.</i>
sentry.	factionnaire, <i>m.</i>
serve a rope (to).	fourrer une manœuvre.
setting up rigging.	rider le gréement.
sextant.	sextant, <i>m.</i>
shackle.	manille, <i>f.</i>
sheave hole (of mast).	caisse, <i>f.</i>
sheepshank.	une jambe de chien.
sheet (rope).	écoute, <i>f.</i>
— <i>tackle</i> .	<i>un palan de retenue.</i>
shelf-piece.	la bauquière.
shell (shrapnel).	obus, <i>m.</i>
— (<i>bomb</i>).	bombe, <i>f.</i>
shift (of the wind).	une saute de vent.
ship.	navire, <i>m.</i> , bâtiment, <i>m.</i>
<i>a full-rigged</i> —.	<i>un carré.</i>
<i>on board</i> —.	<i>à bord.</i>
—'s <i>company</i> .	<i>l'équipage, m.</i>
—'s <i>steward</i> .	<i>le commis aux vivres.</i>
— <i>of the line</i> .	<i>vaisseau de ligne.</i>
<i>sailing</i> —.	<i>navire à voile.</i>
<i>steam</i> —.	<i>navire à vapeur.</i>
<i>screw</i> —.	<i>navire à hélice.</i>
<i>starboard wing</i> —.	<i>le vaisseau de droite.</i>
<i>port wing</i> —.	<i>le vaisseau de gauche.</i>
<i>the rear</i> —.	<i>le vaisseau de queue, or serre-file.</i>
<i>training</i> —.	<i>un vaisseau école.</i>
<i>training</i> — <i>for naval cadets</i> .	<i>l'école de marine, f.</i>
<i>training</i> — <i>for boys</i> .	<i>l'école des moussettes, f.</i>
— <i>broker</i> .	<i>courtier maritime.</i>
— <i>builder</i> .	<i>constructeur de navires.</i>
— <i>chandler</i> .	<i>fournisseur de navires.</i>
— <i>owner</i> .	<i>armateur.</i>
—'s <i>husband</i> .	<i>le gérant du bord.</i>

<i>ship's papers.</i>	<i>les papiers du bord.</i>
— <i>yard.</i>	<i>chantier, m.</i>
shipment.	chargement, <i>m.</i>
shipping.	la marine marchande.
— <i>agent.</i>	<i>expéditeur, m.</i>
— <i>charges.</i>	<i>frais de mise à bord.</i>
— <i>intelligence.</i>	<i>nouvelles de mer.</i>
— <i>office.</i>	<i>une agence maritime.</i>
shore.	la terre, le littoral.
to shove off (a boat).	pousser au large.
shove off!	au large!
shrapnel.	obus, <i>m.</i>
shrouds.	haubans, <i>m. pl.</i>
sight (in).	en vue.
<i>within —.</i>	<i>à portée de la vue.</i>
<i>to lose — of land.</i>	<i>perdre la terre de vue.</i>
<i>to take —s.</i>	<i>prendre des observations.</i>
signal.	signal, <i>m.</i> , signaux, <i>pl.</i>
sink (of a ship).	la sentine.
skipper.	patron, <i>m.</i>
skylight (of a ship).	claire-voie, <i>f.</i>
slab-lines.	fausses-cargues, <i>f.</i>
slack off!	mollissez!
sling (to).	élinguer.
<i>butt —.</i>	<i>élingue double, f.</i>
sloop.	sloop, <i>m.</i>
<i>— of war.</i>	<i>corvette, f.</i>
slops (of a sailor).	les effets d'habillement.
smack (fishing).	bateau pêcheur.
smuggler.	contrebandier, <i>m.</i>
sound.	sonde, <i>f.</i>
sounding.	sondage, <i>m.</i>
<i>to try the —s.</i>	<i>chercher la sonde.</i>
south.	sud (<i>see</i> compass).
southerly.	du sud, du midi.

spanker.	brigantine, <i>f.</i>
— boom.	<i>gui</i> or <i>bôme</i> , <i>f.</i>
— gaff.	<i>corne</i> , <i>f.</i>
— peak halliard.	<i>martinet</i> , <i>m.</i>
spar.	espars, <i>m.</i>
<i>spar</i> —s.	<i>drome</i> , <i>f.</i>
speed.	<i>vitesse</i> , <i>f.</i>
<i>half</i> —.	<i>demi-vapeur</i> .
<i>full</i> —.	<i>à toute vapeur</i> .
spider.	un arc-boutant de brasséage.
splice.	épissure, <i>f.</i>
<i>to</i> —.	<i>épisser</i> .
<i>eye</i> —.	<i>œil épissé</i> .
<i>long</i> —.	<i>épissure longue</i> , <i>f.</i>
<i>short</i> —.	<i>épissure carrée</i> , <i>f.</i>
splicing-fid.	épissoir, <i>m.</i>
sponsons.	les jardins des tambours, <i>m.</i>
— <i>rims</i> .	<i>élongis des jardins</i> , <i>m.</i> [<i>dière</i>].
sprit-sail.	voile à livarde (formerly <i>civa-</i>
sprocket wheel.	<i>hérisson</i> , <i>m.</i>
— — <i>of the capstan</i> .	<i>la couronne</i> .
spun-yard.	bitord, <i>m.</i> , fil de caret, <i>m.</i>
squadron (of ships).	escadre, <i>f.</i>
square the yards!	brassez carré!
squall.	rafale, <i>f.</i>
squally.	venteux.
staff and ball.	balise, <i>f.</i>
stanchion.	étançon, <i>m.</i>
<i>quarter</i> —s.	<i>jambettes</i> , <i>f. pl.</i>
stand by!	attention! soit paré à!
— <i>across</i> .	<i>mettre en travers</i> .
— <i>on</i> .	<i>suivre la même route</i> .
— <i>out to sea</i> .	<i>se tenir au large</i> .
— <i>to eastward</i> .	<i>faire route à l'est</i> .
standard (flag).	pavillon, <i>m.</i>

<i>standard (timber).</i>	<i>courbe, f.</i>
starboard.*	tribord.
<i>hard a —!</i>	<i>tribord tout!</i>
<i>on the — bow.</i>	<i>par tribord devant.</i>
<i>— a bit!</i>	<i>tribord un peu!</i>
staunch.	étanche.
stay.	étais, <i>m.</i>
<i>back —s.†</i>	<i>galhaubans, m.</i>
<i>to be smart in —.</i>	<i>virer facilement.</i>
<i>to be in —s.</i>	<i>être vent devant.</i>
<i>to miss —s.</i>	<i>manquer à virer.</i>
<i>short —s.</i>	<i>virer à pic.</i>
<i>the ship is hove in —.</i>	<i>le navire vire bien.</i>
steady (hoisting)!	doucement!
<i>— (steering)!</i>	<i>comme-ça!</i>
steam.	vapeur, <i>f.</i>
<i>by —.</i>	<i>à la vapeur.</i>
<i>to get up —.</i>	<i>chauffer.</i>
<i>is — up?</i>	<i>y-a-t-il de la pression?</i>
<i>— is up.</i>	<i>il y a de la pression.</i>
<i>to shut off —.</i>	<i>couper la vapeur.</i>
<i>— boat.</i>	<i>bateau à vapeur.</i>
<i>— engine.</i>	<i>machine à vapeur, f.</i>
<i>— pressure gauge.</i>	<i>manomètre m.</i>
<i>— navigation.</i>	<i>navigation à la vapeur.</i>
<i>— ship.</i>	<i>navire à vapeur, m.</i>
<i>to —.</i>	<i>jeter de la vapeur.</i>
<i>to — full speed.</i>	<i>aller à toute vapeur.</i>
<i>to — away.</i>	<i>s'éloigner.</i>
steamer.	vapeur, <i>m.</i>
to steer.	gouverner.
<i>— clear of.</i>	<i>éviter.</i>

* See note on 'port,' p. 37.

† For the names of stays, see under the name of each special one.

<i>to steer close to the wind.</i>	<i>gouverner au plus près.</i>
steerage.	timonerie, <i>f.</i>
— (<i>fore</i>).	<i>l'avant, m.</i>
— <i>passenger.</i>	<i>passag-er, -ère, de l'avant.</i>
— — <i>on large steamers.</i>	<i>passag-er, -ère, d'entrepont.</i>
— <i>way.</i>	<i>sillage, m.</i>
steering.	action de gouverner.
steersman.	timonier, <i>m.</i>
stem.	étrave.
<i>from — to stern.</i>	<i>de l'avant à l'arrière.</i>
stemson.	le marsouin d'avant.
stern.	l'arrière, <i>m.</i>
— <i>ports.</i>	<i>sabords de retraite.</i>
— <i>post.</i>	<i>étambot, m.</i>
<i>in the — sheets.</i>	<i>à l'arrière.</i>
— <i>way.</i>	<i>aller en culant.</i>
stevedore.	arrimeur, <i>m.</i>
steward.	le commis aux vivres.
—'s <i>room.</i>	<i>la cambuse.</i>
<i>mess —.</i>	<i>le maître d'hôtel.</i>
stirrups.	étriers, <i>m.</i>
stoke-hole.	la chambre de chauffe.
stoker.	chauffeur, <i>m.</i>
stop!	stop!
<i>to — (the engines).</i>	<i>stopper.</i>
— <i>her!</i>	<i>stoppez!</i>
store-room (on board ship).	<i>soute, f.</i>
storm.	orage, <i>m.</i> , ouragan, <i>m.</i>
stormy.	orageu-x, -se.
stove in.	défoncé.
to stow.	arrimer.
— (<i>the anchor</i>).	<i>saisir.</i>
stowage.	l'arrimage, <i>m.</i>
strand (shore).	plage, <i>f.</i> , grève, <i>f.</i>
— (<i>of a rope</i>).	<i>toron, m.</i>

- stranding.
 stress of weather.
 strop.
 to put a — on a rope.
 to put a — on a mast.
 studding sail.
 lower —.
 top-gallant —.
 — boom.
 submarine.
 sun.
 — beam.
 — rise.
 — set.
 at — rise.
 at — set.
 supercargo.
 surf.
 surge.
 — (to).
 surgeon.
 swab.
 — (for gun).
 swamped.
 swell.
 there is some —.
 swinging boom.
 to lie at the —.
- tack.
 — (to make a).
 the gaining —.
 to make short —s.
 down main —!
 to be on the port —.
- échouement, *m.*
 gros temps, *m.*
 estrope, *f.* [*nœuvre.*
frapper une erse sur une ma-
frapper une erse sur un mât.
 bonnette, *f.*
bonnette basse.
bonnette de hune.
bout dehors de bonnettes.
 sous-marin, *m.*, sous-marine, *f.*
 soleil, *m.*
un rayon de soleil.
le lever du soleil.
le coucher du soleil.
au lever du soleil.
au coucher du soleil.
 subrécargue, *m.*
 ressac, *m.*
 lame, *f.*
choquer.
 chirurgien, *m.*
 faubert, *m.*
écouvillon, m.
 empli.
 houle, *f.*
il y a de la houle.
 tangon, *m.*
séjourner au tangon.
- amure, *f.*
faire une bordée, f.
le bon bord.
courir à petits bords.
amure la grand'voile!
avoir les amures à babord.

<i>to be on the starboard tack.</i>	<i>avoir les amures à tribord.</i>
<i>lee —.</i>	<i>amure de revers.</i>
<i>to raise tacks and sheets.</i>	<i>lever les lofs.</i>
<i>to —.</i>	<i>virer.</i>
<i>to — about.</i>	<i>louvoyer, courir une bordée.</i>
tackle (the) of a ship.	les apparaux, <i>m.</i>
<i>luff —.</i>	<i>palan à croc, m.</i> [<i>caliorne, f.</i>
<i>— (apparel and furniture).</i>	<i>les agrès, m. pl., palan, m.,</i>
<i>fore —.</i>	<i>cartahu double.</i>
<i>top —.</i>	<i>caliorne, f.</i>
<i>deck —.</i>	<i>marguerite, f.</i>
<i>reef —.</i>	<i>palanquin, m.</i>
<i>rolling —.</i>	<i>palan de roulis, m.</i>
taffrail.	couronnement, <i>m.</i>
tar.	goudron, <i>m.</i>
<i>to —.</i>	<i>goudronner.</i>
target.	cible, <i>f.</i>
<i>to fire at a —.</i>	<i>tirer à la cible.</i>
tarpaulin.	toile goudronnée, <i>f.</i>
tattoo.	la retraite.
<i>to beat a —.</i>	<i>battre la retraite.*</i>
telescope.	une lunette d'approche, une
tempest.	tempête, <i>f.</i> [longue vue.
tempestuous.	orageux.
tender.	patache, <i>f.</i> , allége, <i>f.</i>
thermometer.	thermomètre, <i>m.</i>
thick (weather).	brumeux.
thimble.	cosse, <i>f.</i>
throat halliards.	une drisse de mât.
thrub (to).	larder.
thunder.	tonnerre, <i>m.</i>
<i>— storm.</i>	<i>orage, m.</i>
thwarts.	les bancs de rameurs.

* Not to be confounded with *battre en retraite*, 'to retreat.'

tidal.	de marée.
— <i>harbour.</i>	<i>port à marée.</i>
tide.	marée, <i>f.</i>
<i>flood</i> —.	<i>le flot.</i>
<i>ebb</i> —.	<i>la marée descendante.</i> [eau.
<i>spring</i> —.	<i>marée de syzygie, marée de vive</i>
<i>neap</i> —.	<i>la morte-eau.</i>
<i>the turn of the</i> —.	<i>le changement de marée.</i>
<i>weather</i> —.	<i>marée portant au vent.</i>
tiller.	drosse (<i>f.</i>) de gouvernail.
— <i>ropes.</i>	<i>mèches, f.</i>
toggle.	cabillot, <i>m.</i>
ton.	tonneau (English ton = 1016
	kilos.).
tonnage.	jauge, <i>f.</i>
<i>register</i> —.	<i>jauge officielle.</i>
<i>net register</i> —.	<i>jauge nette.</i>
top.*	hune, <i>f.</i>
top-mast cross-tree.	les barres de perroquet.
top-sail.	hunier, <i>m.</i>
— <i>yard.</i>	<i>vergue d'hune.</i>
<i>upper</i> —.	<i>hunier volant.</i>
<i>lower</i> —.	<i>hunier fixe.</i>
<i>mizen</i> —.	<i>perroquet de fougue.</i>
<i>buntlines</i> —.	<i>retraite de hune.</i>
— <i>schooner.</i>	<i>brick goëlette, m.</i>
tornado.	ouragan, <i>m.</i> , cyclone, <i>m.</i>
torpedo.	torpille, <i>f.</i>
— <i>boat.</i>	<i>torpilleur, m.</i>
<i>to plant a ground</i> —.	<i>mouiller une torpille de fond.</i>
<i>locomotive</i> —.	<i>torpille automotrice.</i>
<i>Whitehead</i> —.	<i>la torpille Whitehead.</i>
<i>electric</i> —.	<i>torpille électrique.</i>

* See under the names of the different masts and sails.

<i>to fish up a torpedo.</i>	<i>relever une torpille.</i>
<i>to explode a —.</i>	<i>faire partir une torpille.</i>
<i>clock-work —.</i>	<i>torpille à mouvement d'horlo-</i>
tow (stuff).	<i>étoupe, f.</i> [gerie.
<i>to — (a boat or ship).</i>	<i>remorquer.</i>
<i>to take in —.</i>	<i>prendre à la remorque.</i>
<i>— rope.</i>	<i>le faux bras.</i>
towage.	<i>la remorque.</i>
towing.	<i>remorque, f.</i>
<i>— hawser.</i>	<i>grelin, m.</i>
transom.	<i>la barre d'arcasse.</i>
tricing line.	<i>suspensoir, m.</i>
treenail.	<i>gournable, f.</i>
to trim the sails.	<i>bien orienter les voiles.</i>
trough of the sea.	<i>le creux de la lame.</i>
truck.	<i>la pomme du mât.</i>
<i>main —.</i>	<i>la pomme du grand mât.</i>
trysail (storm).	<i>goëlette de cape, f.</i>
tug.	<i>remorqueur, m.</i>
turret ship.	<i>navire à tourelle.</i>
to unbend (a sail).	<i>déverguer.</i>
<i>to — (a cable).</i>	<i>détalinguer.</i>
uniform.	<i>uniforme, m.</i>
<i>full dress —.</i>	<i>la grande tenue.</i>
<i>undress —.</i>	<i>la petite tenue, la tenue de service.</i>
<i>summer dress —.</i>	<i>la tenue d'été.</i>
<i>winter dress —.</i>	<i>la tenue d'hiver.</i>
union jack.	<i>le pavillon anglais.</i>
unlading.	<i>déchargement, m.</i>
unloading.	”
<i>days for —.</i>	<i>jours de starie.</i>
unmoor.	<i>désaffourcher.</i>
unmooring.	<i>démarrage, m.</i>
unrig.	<i>dégréer.</i>

unship.	désarmer, débarquer.
— <i>oars!</i>	<i>lève rames!</i>
valve.	soupape, <i>f.</i>
<i>safety</i> —.	<i>soupape de surêté.</i>
vane.	girouette, <i>f.</i>
variation (of the compass).	la variation du compas.
veer (a cable) (to).	filer.
<i>to</i> — <i>away cable.</i>	<i>filer du cable.</i>
<i>the wind has</i> — <i>ed.</i>	<i>le vent a changé.</i>
vessel.	vaisseau, <i>m.</i>
victuals.	les vivres, <i>m.</i>
wages.	la solde.
wake (of a ship).	sillage, <i>m.</i>
wales.	préceintes, <i>f.</i>
<i>chain</i> —.	<i>porte haubans, m. pl.</i>
ward-room.	le carré des officiers.
— <i>officers.</i>	<i>les officiers du carré.</i>
warrant officer.	maître, <i>m.</i>
watch.	quart, <i>m.</i>
<i>to be on the</i> —.	<i>faire le quart.</i>
<i>dog</i> —.	<i>les petits quarts.</i>
water.	eau, <i>f.</i>
— <i>line.</i>	<i>la ligne de flottaison.</i>
— <i>logged.</i>	<i>plein d'eau.</i>
— <i>spout.</i>	<i>trombe, f.</i>
— <i>tight.</i>	<i>étanche.</i>
— — <i>bulkheads.</i>	<i>cloisons étanches. [faire de l'eau.</i>
<i>we called at Malta to</i> —.	<i>nous avons relâché à Malte pour</i>
<i>the ship makes</i> —.	<i>le navire fait eau.</i>
waterman.	batelier, <i>m.</i>
wave.	vague, <i>f.</i>
way.	erre, <i>f.</i>
<i>to get under</i> —.	<i>appareiller.</i>

<i>under way.</i>	<i>appareiller en marche.</i>
to wear.	virer lof pour lof.
weather.	temps, <i>m.</i>
— (<i>to</i>).	<i>doubler.</i>
<i>bad</i> —.	<i>mauvais temps.</i>
<i>beautiful</i> —.	<i>beau temps.</i>
<i>clear</i> —.	<i>temps clair.</i>
<i>cloudy</i> —.	<i>temps nuageux.</i>
<i>cold</i> —.	<i>temps froid.</i>
<i>damp</i> —.	<i>temps humide.</i>
<i>dark</i> —.	<i>temps sombre.</i>
<i>dry</i> —.	<i>temps sec.</i>
<i>fair</i> —.	<i>beau temps.</i>
<i>foggy</i> —.	<i>temps brumeux.</i>
<i>foul</i> —.	<i>mauvais temps.</i>
<i>fresh</i> —.	<i>temps frais.</i>
<i>hot</i> —.	<i>temps chaud.</i>
<i>mild</i> —.	<i>temps doux.</i>
<i>misty</i> —.	<i>temps embrumé.</i>
<i>rainy</i> —.	<i>temps pluvieux.</i>
<i>rough</i> —.	<i>temps dur.</i>
<i>squally</i> —.	<i>temps à grains.</i>
<i>stormy</i> —.	<i>temps orageux.</i>
<i>sultry</i> —.	<i>temps lourd.</i>
<i>threatening</i> —.	<i>temps menaçant.</i>
<i>unsettled</i> —.	<i>temps incertain.</i>
<i>wet</i> —.	<i>temps humide.</i>
<i>a change of</i> —.	<i>un changement de temps.</i>
<i>forecasts of</i> —.	<i>prédictions du temps.</i>
<i>the</i> — <i>is improving.</i>	<i>le temps s'embellit.</i>
— <i>side.</i>	<i>le côté du vent.</i>
<i>hard a</i> —!	<i>arrive tout!</i>
<i>in stress of</i> —.	<i>par un gros temps.</i>
weigh (to be under).	être en marche.
<i>to</i> — <i>the anchor.</i>	<i>lever l'ancre.</i>

west.	ouest, <i>m.</i>
whaler.	un baleinier.
wharfinger.	un garde quai.
wheel (of helm).	la roue du gouvernail.
<i>the man at the —.</i>	<i>l'homme de barre.</i>
whelps.	les taquets de guindeau.
wherry.	bac, <i>m.</i> , bachot, <i>m.</i>
whip a rope (to).	faire une sourliure.
whistle.	sifflet, <i>m.</i>
winch.	treuil, <i>m.</i>
wind.	vent, <i>m.</i>
<i>to take the — out of a sail.</i>	<i>déventer une voile.</i>
<i>head —.</i>	<i>vent debout.</i>
<i>fair —.</i>	<i>bon vent.</i>
<i>to haul the —.</i>	<i>serrer le vent.</i>
<i>high —.</i>	<i>grand vent.</i>
<i>going before the —.</i>	<i>avoir vent arrière.</i>
<i>the — has veered.</i>	<i>le vent à tourné.</i>
<i>— abeam.</i>	<i>vent de travers.</i>
<i>a shift of —.</i>	<i>une saute de vent.</i>
<i>on a —.</i>	<i>au plus près.</i>
<i>steady —.</i>	<i>vent fait.</i>
<i>unsteady —.</i>	<i>brise inégale.</i>
<i>strong —s.</i>	<i>de fortes brises.</i>
<i>the — has lulled.</i>	<i>le vent a molli.</i>
<i>the — is backing.</i>	<i>le vent redescend.</i>
<i>the — is due east.</i>	<i>le vent est franc est.</i>
<i>the — freshens.</i>	<i>la brise fraichit.</i>
<i>the — is getting up.</i>	<i>le vent se fait.</i>
<i>how is the — ?</i>	<i>d'où vient le vent ?</i>
<i>northerly —.</i>	<i>vent de nord.</i>
<i>easterly —.</i>	<i>vent d'est.</i>
<i>southerly —.</i>	<i>vent de sud.</i>
<i>westerly —.</i>	<i>vent d'ouest.</i>
<i>trade —s.</i>	<i>les vents alizés.</i>

windlass.	guindeau, <i>m.</i>
windward (to).	au vent.
wings.	cloisons latérales, <i>f.</i>
work (to) a ship.	manœuvrer un bâtiment.
world (to sail round the).	faire le tour du monde.
worm (to).	congréer.
wreck.	naufnage, <i>m.</i>
yacht.	yacht, <i>m.</i>
yard.*	vergue, <i>f.</i>
<i>top-sail</i> —.	<i>la vergue d'hune.</i>
<i>top gallant</i> —.	<i>la vergue de perroquet.</i>
<i>cross jack</i> —.	<i>vergue de fortune.</i>
— <i>tackle purchase.</i>	<i>un palan de bout de vergue.</i>
— <i>arm.</i>	<i>un bout de vergue.</i>
<i>the slings of a</i> —.	<i>la suspente d'une vergue.</i>
<i>to square the</i> —s.	<i>dresser les vergues.</i>
<i>square</i> —s!	<i>brassez carré!</i>
yarn.	fil de caret, <i>m.</i>
<i>spun</i> —.	<i>bitord, m.</i>
yoke (of rudder).	la barre.
zenith.	le zénith.
zero.	zéro, <i>m.</i>

* Also see under the special names of yards.

TABLES.



FRENCH METRIC SYSTEM OF WEIGHTS AND MEASURES.

The system is decimal throughout.

The basis of the system is the *mètre*, which is equal to 39·3708 inches. The *mètre* is divided into ten parts, called *décimètres*; each *décimètre* into ten parts, called *centimètres*; and each *centimètre* into ten parts, called *millimètres*. Therefore, 1 *mètre* = 10 *décimètres* = 100 *centimètres* = 1000 *millimètres*.

Square and cubic measures are derived from the *mètre*. The sub-divisions of the square and cubic measures are the same as for the linear *mètre*, but naturally

1 square <i>mètre</i>	=	100 square <i>décimètres</i> .
" "	=	10,000 " <i>centimètres</i> .
" "	=	1,000,000 " <i>millimètres</i> .
1 cubic " "	=	1,000 cubic <i>décimètres</i> .
" "	=	1,000,000 " <i>centimètres</i> .
" "	=	1,000,000,000 " <i>millimètres</i> .

The *litre*, used for measures of capacity, is equal to the contents of a cube whose side is 1 *décimètre* long. Therefore, a cubic *décimètre* is the same as 1 *litre* (not quite an English quart).

The *gramme*, which is the unit of weight, is equal to the weight of one cubic *centimètre* of pure water at the temperature of 4 degrees centigrade, weighed in Paris.

To form multiples, the words *deca* (10), *hecto* (100), *kilo* (1000), *myria* (10,000), are prefixed to the names of the particular measure. Thus *kilogramme* = 1000 *grammes*; *myriamètre* = 10,000 *mètres*. For the sub-multiples, the words *déci* ($\frac{1}{10}$), *centi* ($\frac{1}{100}$), *milli* ($\frac{1}{1000}$), are used in the same manner as the multiples, e.g. *décilitre* = $\frac{1}{10}$ of a *litre*; *centigramme* = $\frac{1}{100}$ of a *gramme*.

TABLE I.

MEASURES OF LENGTH.

	Inches.	Feet.	Yards.
Millimètre	0'03937	0'003281	0'0010936
Centimètre	0'39371	0'032809	0'0109363
Décimètre.....	3'93708	0'328090	0'1093633
MÈTRE.....	39'37079	3'280989	1'0936331
Décamètre	393'70790	32'809892	10'9363306
Hectomètre	3937'07900	328'089917	109'3633056
Kilomètre.....	39370'79000	3280'899167	1093'6330556
Myriamètre	393707'90000	32808'991667	10936'3305556

CUBIC, OR MEASURES OF CAPACITY.

	Cubic inches.	Cubic feet.	Pints.	Gallons.	Bushels.
Millilitre, or cubic centimètre =	0'06103	0'000035	0'00176	0'0002201	0'0000275
Centilitre, 10 cubic do. =	0'61027	0'000353	0'01761	0'0022010	0'0002751
Décilitre, 100 cubic do. =	6'10271	0'003532	0'17668	0'0220097	0'0027512
LITRE, or cubic décimètre ... =	61'02705	0'035317	1'76077	0'2200967	0'0275121
Décalitre	610'27052	0'353166	17'60773	2'2009668	0'2751208
Hectolitre.....	6102'70515	3'531658	176'07734	22'0096677	2'7512085
Kilolitre	61027'05152	35'316581	1760'77341	220'0966767	27'5120846
Myrialitre.....	610270'51519	353'165807	17607'73414	2200'9667675	275'1208459

MEASURES OF WEIGHT.

	Grains.	Troy oz.	Avoirdupois lb.	Cwt. = 112 lb.	Tons = 20 cwt.
Milligramme..... =	0'01543 ...	0'000032 ...	0'0000022 ...	0'000000 ...	0'000000 ...
Centigramme	0'15432 ...	0'000322 ...	0'0000220 ...	0'0000002 ...	0'0000000 ...
Décigramme	1'54323 ...	0'003215 ...	0'0002205 ...	0'0000020 ...	0'0000001 ...
GRAMME	15'43235 ...	0'032151 ...	0'0022046 ...	0'0000197 ...	0'0000010 ...
Décagramme	154'32349 ...	0'321507 ...	0'0220462 ...	0'0001968 ...	0'0000098 ...
Hectogramme	1543'23488 ...	3'215073 ...	0'2204621 ...	0'0019684 ...	0'0000984 ...
Kilogramme	15432'34880 ...	32'150727 ...	2'2046213 ...	0'0196841 ...	0'0009842 ...
Myriagramme	154323'48800 ...	321'507267 ...	22'0462126 ...	0'1968412 ...	0'0098421 ...

SQUARE, OR MEASURES OF SURFACE.

	Sq. feet.	Sq. yards.	Sq. perches.	Sq. roods.	Sq. acres.
Centiare, or square mètre	10'764299 ...	1'196033 ...	0'0395383 ...	0'0009885 ...	0'0002471 ...
ARE, or 100 square mètres..... =	1076'429934 ...	119'603326 ...	3'9538290 ...	0'0988457 ...	0'0247114 ...
Hectare, or 10,000 sq. mètres... =	107642'993419 ...	11960'332602 ...	395'3828959 ...	9'8845724 ...	2'4711431 ...
A French Quintal = 100 kilos =	1 cwt. 3 qrs. 24'46 lbs. =	220'46 lbs.			
A French Ton = 1000 kilos =	19 cwt. 2 qrs. 20'61 lbs. =	2204'61 lbs.			

TABLE II.—FOR THE CONVERSION OF METRIC WEIGHTS AND MEASURES INTO ENGLISH. 6

TABLES.

Mètres into	yards.	Kiloms. into	miles.	yards.	Litres into	gals.	quarts.	Hecto-litres into	qtrs.	bushels.	Kilogs. into	cwts.	qtrs.	lbs.	oz.	Hectares into	acres.	roods.	poles.
1	1'094	1	0	1'094	1	0	0'880	1	0	2'751	1	0	0	2	34	1	2	1	35
2	2'187	2	1	427	2	0	1'761	2	0	5'502	2	0	0	4	68	2	4	3	31
3	3'281	3	1	1521	3	0	2'641	3	1	0'254	3	0	0	6	94	3	7	1	26
4	4'374	4	2	855	4	0	3'521	4	1	3'005	4	0	0	8	13	4	9	3	22
5	5'468	5	3	188	5	0	0'402	5	1	5'756	5	0	0	11	04	6	12	1	17
6	6'562	6	3	1282	6	1	1'282	6	2	0'507	6	0	0	13	32	8	14	3	12
7	7'655	7	4	615	7	1	2'163	7	2	3'258	7	0	0	15	7	9	17	1	8
8	8'749	8	4	1709	8	1	3'043	8	2	6'010	8	0	0	17	104	10	19	3	3
9	9'843	9	5	1043	9	1	3'923	9	3	0'761	9	0	0	19	136	11	22	0	38
10	10'936	10	6	376	10	2	0'804	10	3	3'512	10	0	0	22	04	10	24	2	34
20	21'873	20	12	753	20	4	1'608	20	6	7'024	20	0	1	16	18	20	49	1	28
30	32'809	30	18	1129	30	6	2'412	30	10	2'536	30	0	2	10	28	30	74	0	21
40	43'745	40	24	1505	40	8	3'215	40	13	6'048	40	0	3	4	36	40	98	3	15
50	54'682	50	31	122	50	11	0'019	50	17	1'560	50	0	3	26	38	50	123	2	9
60	65'618	60	37	498	60	13	0'823	60	20	5'072	60	1	0	20	44	60	148	1	3
70	76'554	70	43	874	70	15	1'627	70	24	0'585	70	1	1	14	54	70	172	3	37
80	87'491	80	49	1251	80	17	2'431	80	27	4'097	80	1	2	8	6	80	197	2	38
90	98'427	90	55	1627	90	19	3'235	90	30	7'609	90	1	3	2	64	90	222	1	24
100	109'363	100	62	243	100	22	0'039	100	34	3'121	100	1	3	24	7	100	247	0	18
200	218'727	200	124	487	200	44	0'077	200	68	6'242	200	3	3	20	15	200	494	0	37
300	328'090	300	186	730	300	66	0'116	300	103	1'362	300	5	3	17	6	300	741	1	15
400	437'453	400	248	973	400	88	0'155	400	137	4'483	400	7	3	13	14	400	988	1	33
500	546'816	500	310	1217	500	110	0'193	500	171	7'604	500	9	3	10	5	500	1235	2	11

TABLE III.

COMPARISON OF ENGLISH WITH METRICAL WEIGHTS AND MEASURES.

MEASURES OF LENGTH.

Inch (pouce)	=	0·02549 mètres.
Foot (pied).....	=	0·30479 "
Yard	=	0·91438 "
Fathom (brasse).....	=	1·82877 "
Pole or Perch (5½ yards)	=	5·02911 "
Furlong (220 yards)	=	201·16437 "
Mile (1,760 yards).....	=	1609·31 "

SQUARE MEASURES.

Yard	=	0·83610 square mètres.
Rod.....	=	25·29194 " "
Rood (1,210 square yards)	=	10·11677 " "
Acre (4,840 square yards)	=	0·40467 hectares (100 ares).

CUBIC MEASURES.

Pint (½ of gallon).....	=	0·5679 litre.
Quart (¼ of gallon)	=	1·1359 "
Imperial Gallon	=	4·543468 "
Peck (2 gallons)	=	9·086916 "
Bushel (8 gallons)	=	36·34766 "
Sack (3 bushels)	=	1·09043 hectolitre (100 litres).
Quarter (8 bushels)	=	2·90781 "
Chaldron (12 sacks)	=	13·08516 "

WEIGHTS.

<i>Troy.</i>	{	Grain (¼ dwt.)	=	6·479895 centigrammes (1/100 gr.).
		Pennyweight (½ oz.)	=	1·555175 gramme.
		Ounce (1½ lb. troy) ...	=	31·103496 "
		Pound (5,760 grs.) ...	=	373·241948 "
<i>Avoirdupois.</i>	{	Dram (1/8 oz.)	=	1·771846 "
		Ounce	=	28·349540 "
		Pound (7,000 grs.) ...	=	453·592645 "
		Cwt. (112 lbs.)	=	50·802 kilogrammes.
		Ton (20 cwt.)	=	1016·048 "

TABLE V.

THE ENGLISH BAROMETRIC SCALE IN FRENCH
MILLIMÈTRES.

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27·4 "	695·95 "
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TABLE VI.

THE THERMOMETERS.

The Centigrade thermometer is universally used by scientific men, and it is the scale most generally employed on the continent. The Germans call it the 'Celsius thermometer.'

The Réaumur scale is principally used in Russia. In these two scales the freezing point is denoted by 0, and the boiling point respectively by 100 and 80. Therefore, 100 degrees Centigrade = 80 degrees Réaumur = 180 degrees Fahrenheit.

As the indications of the Fahrenheit scale begin at 32 degrees, and not at zero, we must remember that in converting from degrees Fahrenheit to Centigrade or Réaumur, 32 degrees must first be subtracted; whilst when we convert degrees Centigrade or Réaumur into Fahrenheit, 32 degrees must be added after the multiplication and division have been made.

It is important to remember that, since 100 degrees Centigrade = 80 degrees Réaumur = 180 degrees Fahrenheit,

$$\begin{aligned} & 5 \text{ degrees Centigrade} \\ = 4 & \quad ,, \quad \text{Réaumur} \\ = 9 & \quad ,, \quad \text{Fahrenheit.} \end{aligned}$$

Example I. Express 59° Fahrenheit into Centigrade.

$$9 : 5 :: (59 - 32) : \text{Answer, that is, } \frac{5 \times 27}{9} = 15^\circ \text{ Cent.}$$

Example II. Express 95° Fahrenheit into Réaumur.

$$9 : 4 :: (95 - 32) : \text{Answer, that is, } \frac{4 \times 63}{9} = 28^\circ \text{ Réaumur.}$$

Example III. Express 28° Réaumur into Fahrenheit.

$$4 : 9 :: 28 : \text{Answer, that is, } \frac{9 \times 28}{4} = 63, \text{ to which add } 32 \\ = 95^{\circ} \text{ Fahrenheit.}$$

Example IV. Express 25° Centigrade into Fahrenheit.

$$5 : 9 :: 25 : \text{Answer, that is, } \frac{9 \times 25}{5} = 45, \text{ to which add } 32 \\ = 77^{\circ} \text{ Fahrenheit.}$$

Example V. Express 25° Centigrade into Réaumur.

$$5 : 4 :: 25 : \text{Answer, that is, } \frac{4 \times 25}{5} = 20^{\circ} \text{ Réaumur.}$$

Example VI. Express 28° Réaumur into Centigrade.

$$4 : 5 :: 28 : \text{Answer, that is, } \frac{5 \times 28}{4} = 35^{\circ} \text{ Centigrade.}$$

N.B.—If the number of degrees Fahrenheit to be converted into degrees of the other scales happened to be below 32, the results obtained would be negative, that is, below 0.

Example VII. Express 23° Fahrenheit into Centigrade.

$$9 : 5 :: (23 - 32) : \text{Answer, that is, } \frac{5 \times (-9)}{9} = -5^{\circ} \text{ Cent.}$$

N.B.—See next page for a Table of the most common degrees of Fahrenheit into degrees of the Centigrade scale.

Here follows a table giving the degrees Centigrade corresponding to the degrees Fahrenheit most commonly used.

Fahrenh.	Centigrade.	Fahrenh.	Centigrade.	Fahrenh.	Centigrade.
— 10°	— 23°33	34°	1°11	78°	25°56
— 9	— 22°78	35	1°67	79	26°11
— 8	— 22°22	36	2°22	80	26°67
— 7	— 21°67	37	2°78	81	27°22
— 6	— 21°11	38	3°33	82	27°78
— 5	— 20°56	39	3°89	83	28°33
— 4	— 20°00	40	4°44	84	28°89
— 3	— 19°44	41	5°00	85	29°44
— 2	— 18°89	42	5°56	86	30°00
— 1	— 18°33	43	6°11	87	30°56
0	— 17°78	44	6°67	88	31°11
1	— 17°22	45	7°22	89	31°67
2	— 16°67	46	7°78	90	32°22
3	— 16°11	47	8°33	91	32°78
4	— 15°56	48	8°89	92	33°33
5	— 15°00	49	9°44	93	33°89
6	— 14°44	50	10°00	94	34°44
7	— 13°89	51	10°56	95	35°00
8	— 13°33	52	11°11	96	35°56
9	— 12°78	53	11°67	97	36°11
10	— 12°22	54	12°22	98	36°67
11	— 11°67	55	12°78	99	37°22
12	— 11°11	56	13°33	100	37°78
13	— 10°56	57	13°89	101	38°33
14	— 10°00	58	14°44	102	38°89
15	— 9°44	59	15°00	103	39°44
16	— 8°89	60	15°56	104	40°00
17	— 8°33	61	16°11	105	40°56
18	— 7°78	62	16°67	106	41°11
19	— 7°22	63	17°22	107	41°67
20	— 6°67	64	17°78	108	42°22
21	— 6°11	65	18°33	109	42°78
22	— 5°56	66	18°89	110	43°33
23	— 5°00	67	19°44	111	43°89
24	— 4°44	68	20°00	112	44°44
25	— 3°89	69	20°56	113	45°00
26	— 3°33	70	21°11	114	45°56
27	— 2°78	71	21°67	115	46°11
28	— 2°22	72	22°22	116	46°67
29	— 1°67	73	22°78	117	47°22
30	— 1°11	74	23°33	118	47°78
31	— 0°56	75	23°89	119	48°33
32	— 0°00	76	24°44	120	48°89
33	0°56	77	25°00	121	49°44

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