

ROYAL AUSTRALIAN NAVY
AUSTRALIAN HYDROGRAPHIC OFFICE



**Type Selections Specification Key For Paper Chart Text Features Including
S-57 Object Naming Conventions For ENC Compilation**

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CHANGE CONTROL PAGE

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Change History

Version	Who	Date	Pages	Reason
0.1	JW, CR,GW	9-Jul-01	All	Table preparation
1.0	ENCTWG	20-Jul-01	All	Document Issue
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Review Status

Version	Who	Date	Status
0.1	ENCTWG	19-Jul-01	Revised
1.0	CTWG	18-Jun-03	Revised
2.0	CTWG	29/06/2004	Revised

Signoff: Document is to be signed off by:

Position	Who	Date	Signature
HPG			

The following document is based on the use of the true type UNIVERS text font with 1 point = 0.25mm. The document is in alphabetical order in terms of paper chart text types.

NOTE 1: The "S-57 Object Class" column indicates the object class for which the attribute OBJNAM is to be populated only where the object is named. It is not designed to indicate the population of OBJNAM for paper chart descriptive terms, which are translated to attribute values.

NOTE 2: All text is to be in upright text unless stipulated as Italics in the Type column. Text shown within quotation marks in the Text column is to be represented on the chart as indicated.

NOTE 3: NA in the "S-57 Object Class" column indicates paper chart specific text having no object name translated to ENC, but translates to an attribute value. NA in the "Type" column indicates an object which is named, and may be populated for ENC, but is not shown as a named object on paper charts, e.g.:

Arc of Visibility Colours		6 pt Medium U/L Black	NA	IP 20-46
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Indicates text shown on paper charts which are not the names of objects, but are descriptive or annotative text applying to paper chart symbology.

Anchorage (recommended)		NA	ACHARE	IN 10
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Indicates that the attribute OBJNAM (if a name exists for the object) may be populated for the object class **ACHARE**, but the name would not be shown on the paper chart.

NOTE 4: Point sizes and line weights shown in this table are the minimum to be used for the particular text, if an option is given.

NOTE 5: The following table is to be used for product compilation only. Issues regarding the population of the attribute OBJNAM for objects in Validated Data are to be addressed at a later date.

NOTE 6: Definitions of Important, Less Important and Unimportant, listed in the Text column, are given for guidance only. Other factors to be considered when determining appropriate text sizes and line weights include scale of the chart, existence of larger scale charts in the geographical area of concern, and density of information depicted in the geographic area.

* Master object is the structure (e.g. **BOY???**, **BCN???**, **LNDMRK**, **BUISGL**). If the structure object is unknown then the **LIGHTS** object becomes the master (refer to S-57 Appendix B.1 - Annex A, Use of the Object Catalogue for ENC, Clauses 12.1.1, 12.1.2).

ANNEXES

A	Border/Margin Information
B	Related Publications and Copyright Notes
C	Title, Construction and Chart Notes
D	Tide and Tidal Stream Panels
E	ZOC Diagram

ABBREVIATIONS USED

pt	Point - 1 point = 0.25mm e.g. 6 pt = 1.5mm
U/L	Upper/Lower Case

A				
Text		Type	S-57 ENC Object Class	INT Ref
Abbyssal Plain		See Oceanographic Features	SEAARE	
Adjoining Chart - Reference to		See Chart Reference - Adjoining Chart	NA	IA
Administration Area			ADMARE	
	Description (e.g. Aboriginal Reserve)	8 pt Medium U/L Black. A larger point size, capitals and/or spacing may be used in large areas. 7 pt may be used in congested areas.		
	Named	Refer to related feature (e.g. Town - Important)	ADMARE	
Aero Light		See Lights - Aero	LIGHTS	IP 60
Aero Radiobeacon (Aero RC)		See Radiobeacon - Aeronautical	RDOSTA	IS 16
AHO Address		8 pt Light U/L Black	NA	
Airfield		6 pt Light U/L Black. A larger point size and/or capitals may be used for major airports or airfields covering a large portion of the chart.	AIRARE	ID 17
Air Obstruction Light		See Light - Air Obstruction		IP 61
Air Radiobeacon		See Radiobeacon - Aeronautical	RDOSTA	IS 16
Anchor Berth Identifier		6 pt Medium Capitals Magenta	ACHBRT	IN 11
Anchorage Area Name, Number or Type		6 pt Medium U/L Italics Magenta	ACHARE	
Anchoring Prohibited		NA	RESARE (see also Object Classes carrying attribute RESTRN)	IN 20
Anchorage (recommended)		NA	ACHARE	
Arc of Visibility Colours		6 pt Medium U/L Black	NA	IP 20-46
Archipelago		8 pt Medium U/L Black. The use of a larger point size, capitals and/or spacing will depend on size of Island group and coverage	LNDRGN, C_AGGR	
Area to be Avoided		See relevant nature of restriction	NA	IM 29.2
Associated Publications Note		Refer Annex B		IA 20
Atoll		7 pt Medium U/L Italics Black. The use of a larger point size, capitals and/or spacing will depend on area of feature.	LNDARE, SBDARE, SEAARE, C_AGGR	
Avenue		See Road - Named	ROADWY	
Aus Chart Number		24 pt Medium Black	NA	IA 1
Awash		6 pt Light U/L Italics Black	NA	

B				
Text		Type	S-57 ENC Object Class	INT Ref
Bank Name		7 pt Medium U/L Italics Black. The use of a larger point size, capitals and/or spacing will depend on area of feature.	SEAARE	
Barge		6 pt Light U/L Italics Black	NA	IQ 53
Baseline		See Territorial Sea Baseline	NA	
Basin		See Dock. See Oceanographic Features for sea basins. See Lock Basins	NA	
Baths		6 pt Light U/L Black	NA	
Bathymetric Features (canyons, plateaus, trenches etc.)		7 pt Medium U/L Italics Black. The use of a larger point size, capitals and/or spacing will depend on area of feature.	SEAARE	IO
Bay, Important (Major section of Sailing Directions). Refer Note 6		7 pt Medium Capitals Italics Black. The use of a larger point size and/or spacing will depend on area of feature.	SEAARE	
Bay, Less important (Bold text in sailing directions). Refer Note 6.		7 pt Medium U/L Italics Black. The use of a larger point size, capitals and/or spacing will depend on area of feature.	SEAARE	
Bay, Unimportant (All other cases). Refer Note 6.		7 pt Light U/L Italics Black	SEAARE	
Beach (Named)		7 pt Light U/L Black. Spacing may be used for long beaches	COALNE, LNDGRN	
Beacons			Master Object*	
	Clearing line	6 pt Medium U/L Black (degrees)	NA	IM 2
	Colour text	4 pt Medium Capitals Black	NA	IQ 81-82,102,110
	Consol (description)	6 pt Medium U/L Magenta	NA	IS 13
	Consol (name)	6 pt Medium U/L Black	RDOSTA	
	Description text	6 pt Medium U/L Black	NA	IP 3-5, IQ 80,101
	In line	6 pt Medium U/L Black	NA	IM 1
	Leading	6 pt Medium U/L Black	NA	IM 1
	Light description	6 pt Medium U/L Black	NA	IQ 7-8
	Named or numbered	6 pt Medium U/L Black	Master Object*	IQ 10
	Recommended track	6 pt Medium U/L Black (degrees)	NA	IM 3
	Refuge	6 pt Medium U/L Black	NA	IQ 124
	Transit	6 pt Medium U/L Black (degrees)	NA	IM 2
Bearings on Recommended Track		6 pt Medium U/L Black	NA	IM 3-4
Benchmark		6 pt Medium U/L Black (Fleet charts only).	CTRPNT	
Berth			BERTHS	
	Numbers	6 pt Medium Magenta (inside circle)	BERTHS	IF 19, IQ 42
	Letters	6 pt Medium Capitals Magenta (inside circle or rectangle)	BERTHS	
	Name	7 pt Light U/L Black. Spacing may be used for long berths.	BERTHS	
Boarding Place - Pilot		See Pilot Boarding Place	PILBOP	IT 1
Boat Harbour			HRBFAC	
	Description	6 pt Light U/L Italics Black	NA	
	Named	NA	HRBFAC	
Boat/Ship Lift		See Small Craft - Facilities	SMCFAC	
Bollard		NA	NA	

Bombora		7 pt Medium U/L Italics Black	See Water Turbulence	
Border Information		Refer Annex A		
Bottom Quality		6 pt Light U/L Italics Black (half space between natures of surface).	NA	IJ 1-12,20,30-39
Boulders			LNDMRK, UWTRC	
	Description	6 pt Light U/L Italics Black (for intertidal boulders only).	NA	IG 28
	Named	6 pt Light U/L Black. Intertidal boulder names are to be in Italics	LNDMRK, UWTRC	
Boxed Publications Note		Refer Annex B	NA	IA 20
Breaker, Description note (Br)		6 pt Light U/L Italics Black	NA	IK 17
Breaks, Description note		6 pt Light U/L Italics Black. 7 pt and/or spacing may be used for large areas.	NA	
Breakwater (Named)		7 pt Light U/L Black. A larger point size and/or medium and/or spacing may be used for important features.	SLCONS	
Bridge			BRIDGE	ID 20-24
	Clearance height	See Height - Vertical Clearance	NA	ID 22
	Horizontal Clearance	See Clearance - Horizontal	NA	ID 21
	Named	6 pt Light U/L Black. A larger point size and/or Capitals may be used for larger bridges or bridges on large scale charts.	BRIDGE	
	Type of	6 pt Light U/L Black	NA	ID 23-24
Building			BUISGL	ID 5,6, IG 60-98
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used on large scale charts.	NA	ID 5-6
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used on large scale charts.	BUISGL . Refer also to associated feature (Yacht Club etc.) for which OBJNAM is populated for the relevant Object Class only.	
Built Up Area		See Town - Important	BUAARE, ADMARE	
Buoys			Master Object*	
	Colour text	4 pt Medium Capitals Italics Black	NA	IQ 2-5
	Light description	6 pt Medium U/L Italics Black	NA	IQ 7-8
	Mooring - light	6 pt Medium U/L Italics Black	NA	IQ 41
	Mooring - single point	6 pt Medium Capitals Black	NA	IL 12
	Mooring trot - number/letter	6 pt Medium Magenta (inside circle)	BERTHS	IQ 42
	Name or number	6 pt Medium U/L Italics Black	Master Object*	IQ 11
	ODAS	6 pt Medium Capitals Italics Black	NA	IQ 58
	Private	6 pt Light U/L Italics Black	NA	IQ 70
	Radar/radio	6 pt Medium U/L Italics Magenta	NA	IS 3.6
	Seasonal	6 pt Light U/L Italics Black	NA	IQ 71
	Supplementary (refer CATSPM)	6 pt Light U/L Italics Black	NA	IQ 50-53
	Waverider	6 pt Light U/L Italics Black	NA	

C				
Text		Type	S-57 ENC Object Class	INT Ref
Cable Area			CBLARE	
	Description	6 pt Medium U/L Italics Magenta	NA	IL 40
	Named	7 pt Medium U/L Italics Magenta. 8 pt, 9 pt and/or spacing may be used for large areas.	CBLARE	
Cables			CBLSUB	
	Legend, land	6 pt Light U/L Black	NA	
	Legend, submarine	6 pt Medium U/L Italics Magenta. 8 pt, 9 pt and/or spacing may be used for cables of greater length.	NA	
	Named (submerged)	6 pt Medium U/L Italics Magenta. 8 pt, 9 pt and/or spacing may be used for cables of greater length.	CBLSUB	
	Overhead	6 pt Medium Black	CBLOHD	
	Transporter etc.	NA	NA	
Canal			CANALS	
	Description	7 pt Light U/L Italics Black	NA	
	Named	7 pt Light U/L Italics Black	CANALS	
Canyon		See Oceanographic Features	SEAARE	
Cape, Important (Major section of Sailing Directions). Refer Note 6		9 pt Medium U/L Black. Capitals would only be used in exceptional circumstances. Larger point sizes and/or spacing may be used for large areas.	LNDRGN	
Cape, Less Important (Bold text in Sailing Directions). Refer Note 6		8 pt Medium U/L Black	LNDRGN	
Cape, Unimportant (All other cases). Refer Note 6		7 pt Light U/L Black	LNDRGN	
Cargo Transshipment Area				
	Description	6 pt Medium U/L Italics Magenta	NA	IN 64
	Named	6 pt Medium U/L Italics Magenta	NA	
Causeway				
	Description	6 pt Light U/L Black	NA	IF 3
	Named	6 pt Light U/L Black	CAUSWY	
Cautionary Notes (in title)		Refer Annex C. These Notes to be block justified to 50mm.		IA 16
Cay (above HWL)				
	Description	7 pt Light U/L Black	NA	
	Named	7 pt Light U/L Black	LNDARE	
Cay (intertidal)				
	Description	7 pt Light U/L Italics Black	NA	
	Named	7 pt Light U/L Italics Black	SEAARE	
Channel, Important (Major section or bold text in Sailing Directions). Refer Note 6		7 pt Medium Capitals Italics Black. A larger point size and/or spacing may be used for features covering large areas.	SEAARE	
Channel, Less Important (Listed in Sailing Directions). Refer Note 6		7 pt Medium U/L Italics Black. A larger point size and/or spacing may be used for features covering large areas.	SEAARE	
Channel, Unimportant (All other cases). Refer Note 6		7 pt Light U/L Italics Black. A larger point size and/or spacing may be used depending on the size of the feature.	SEAARE	
Chart Crest		NA	NA	IA 12

Chart Dimensions		Refer Annex A	NA	IA 8
Chart, Marginal Information		Refer Annex A	NA	IA
Chart Number				
	Aus Charts	Refer Annex A	NA	IA 1
	INT Charts	24 pt Medium Capitals Magenta	NA	IA 3
Chart Reference				
	Adjoining chart	9 pt Medium U/L Magenta	NA	IA 19
	Larger scale chart (with limits)	9 pt Medium U/L Magenta	NA	IA 18
	Larger scale chart (no limits)	9 pt Medium U/L Magenta	NA	
	Plan on another sheet	9 pt Medium U/L Magenta	NA	
	Plan on same sheet	9 pt Medium U/L Magenta	NA	IA 18
Chart Scale		Refer Annex C	NA	IA 13
Chart - Title		Refer Annex C	NA	IA 10
Checkpoint		See Custom Office	NA	
Chimney				
	Description	6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	NA	IE 22
	Named	6 pt Light U/L Black	LNDMRK	
Church				
	Description	6 pt Light U/L Black.	NA	IE 10-12
	Named	6 pt Light U/L Black.	BUISGL	
City				
	On Large/Medium scale charts	See Town - Important	BUAARE, ADMARE	ID 3,4
	On Small scale charts	7 pt Medium Capitals Black	BUAARE	ID 3,4
	On INT Charts	7 pt Medium U/L Black	BUAARE	ID 3,4
Clearance				
	Vertical	See Height - Vertical Clearance	NA	ID 20
	Horizontal	6 pt Medium Black	NA	ID 21
Clearing Bearing		See Transit Bearing	NA	IM 2
Cliff				
	Description	6 pt Light U/L Black. The use of 7 or 8 pt and/or spacing will depend on length of feature.	NA	
	Named	6 pt Light U/L Black. The use of 7 or 8 pt and/or spacing will depend on length of feature.	COALNE, SLOTOP	
Coastal Relief Feature		See Beach (named), Cliff, Marsh, Shingly Shore, Stony Shore	COALNE, LNDRGN, SLOTOP	
Coastguard Station				
	Description (CG)	6 pt Light Capitals Black	NA	IT 10-11
	Named	6 pt Light U/L Black	CGUSTA	
Company (Named)		6 pt Light U/L Black	BUISGL, PRDARE, C_AGGR	
Compass Rose Degrees		7 pt Light Magenta	NA	IB 70
Contiguous Zone - Seaward Limit		NA	NA	
Consol Beacon		See Beacon	NA	IS 13
Conspicuous Features				
	Description	6 pt Medium Capitals Black. This applies to all features including buildings, mountains etc.	NA	IE 2
	Named	6 pt Medium Capitals Black. This applies to all features including buildings, mountains etc.	Relevant S-57 Object Class	

Continental Shelf		6 pt Medium U/L Italics Magenta	NA	
Contour Value				
	Depth	5 pt Light Black	NA	II 30-31
	Land	4 pt Light Black	NA	IC 10,12
Control Point				
	Description	6 pt Medium Black	NA	
	Named	6 pt Medium Black	CTRPNT	
Conveyor				
	Description	6 pt Light U/L Black	NA	
	Named	NA	CONVYR	
Copyright Note		Refer Annex B	NA	IA 5
Coral Reef (Named)		See reef - Named	SBDARE, SEAARE, C_AGGR	
Corner Co-ordinates		Refer Annex A		IA 9
Crane				
	Description	6 pt Light U/L Black	NA	IF 53
	Named	NA	CRANES	
Creek		See Rivers	RIVERS	
Crown Copyright		Refer Annex B	NA	IA 5
Current				
	Meter	6 pt Light U/L Italics Black	NA	
	Named	7 pt medium Capitals Italics Black. The use of 8 pt and/or spacing is dependant on the area of the current.	CURENT	
	Rates and/or seasons	6 pt Light U/L Italics Black. For rates of named current use Medium text	NA	IH 43
	Reference to Note	7 pt Light U/L Italics Black. For reference to named current use Medium text	NA	
Customs Limit		NA	NA	
Custom Office (Named only)		6 pt Light U/L Black. 7 pt may be used on large scale charts.	BUISGL	
Cutting		NA	NA	

D				
Text		Type	S-57 ENC Object Class	INT Ref
Dam				
	Description	6 pt Light U/L Black.	NA	IF 44
	Named	NA	DAMCON, LAKARE	
Dangers, Intertidal Comment		6 pt Light U/L Italics Black	NA	
Danger Zone (Buoy)		6 pt Light Capitals Italics Black	NA	
Daymark		NA	DAYMAR	
Deep Water Route				
	Description	8 pt Medium Capitals Italics Magenta	NA	IM 27
	Named	8 pt Medium U/L Italics Magenta	DWRCTL, DWRTPT, C_AGGR	
Degaussing Range		6 pt Medium U/L Italics Magenta	NA	IN 25
Depth Contour		See Contour Value - Depth	NA	II 30,31
Depth, Maintained		See Dredged Area - Maintained	NA	II 23
Depths in Metres		Refer Annex A	NA	
Descriptive Text (On land)		6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas	NA	
Designated Shipping Area (DSA)	Reference to Note	7 pt Medium Magenta - "DSA (see Note)"		
Diffuser		See Obstruction	NA	
Dimension, Chart		Refer Annex A	NA	
Direction Light		See Light - Direction	NA	IP 30
Directional Radiobeacon		See Radiobeacon - Directional	RDOSTA	
Dish Aerial		NA	LNDMRK	IE 31
Distance Mark		6 pt Light L Black. 6 pt L Italics Magenta is to be used if the mark is in the water	NA	IF 40
District Name		7 pt Medium Capitals Black. The use of a larger point size and/or spacing will depend on area of feature.	LNDRGN, ADMARE	
Disused (Jetty, Wharf, Platform)		See Ruins	NA	IF 33
Dock				
	Floating	7 pt Light U/L Italics Black	FLODOC	IF 26
	Graving (dry dock)	6 pt Light U/L Black. 7 pt may be used on large scale charts.	DRYDOC	IF 25
	Wet (tidal basin)	6 pt Light U/L Italics Black. 7 pt may be used on large scale charts.	DOCARE	IF 28
	Wet (non-tidal basin)	6 pt Light U/L Italics Black. 7 pt may be used on large scale charts.	DOCARE	IF 27
Dolphin				
	Description	6 pt Medium U/L Black	NA	IF 20
	Named	NA	MORFAC	
Drainage Feature		6 pt Light U/L Black	NA	

Dredged Area			DRGARE	
	Maintained	7 pt Medium U/L Italics Black. The use of Capitals and/or spacing will depend on area of feature.	NA	II 23
	Not Maintained	7 pt Medium U/L Italics Black. The use of Capitals and/or spacing will depend on area of feature.	NA	II 21-22
Dredging Area		7 pt Medium U/L Italics Magenta	NA	IN 63
"Dries"		6 pt Light U/L Italics Black. 7 or 8 pt and/or spacing may be used for large drying areas	NA	
Drying Heights		See Sounding	SOUNDG	II 15
Dumping Ground (Explosives, Chemical Waste)		6 pt Medium U/L Black. The use of a larger point size and/or spacing will depend on area of feature.	NA	IN 23-24
Dunes, Sand				
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas	NA	IC 8
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas	LNDGRN, SLOGRD	
Dyke/Levee		NA	NA	

E				
Text		Type	S-57 Object Class	INT Ref
Ebb Tide Stream - Rates		See Tidal Stream - Rates	NA	IH 40
Elevations		6 pt Medium Black	NA	IC 11
Embankment		NA	NA	
Entry Prohibited		See Prohibited Area	NA	IN 31
Environmentally Sensitive Sea Area (ESSA)	Reference to Note	7 pt Medium Italics Green - "ESSA (see Note)"	RESARE	
Existence Doubtful (ED)		6 pt Light Capitals Italics Black	NA	II 1
Exclusive Economic Zone		8 pt Medium Capitals Italics Magenta	NA	IN 47
Explanatory Notes (Title - Legend Information)		Refer Annex C	NA	IA 11

F				
Text		Type	S-57 ENC Object Class	INT Ref
Factory		See Company - Named	BUISGL, PRDARE, C_AGGR	
Fairway		NA	NA	
Fence		NA	NA	
Ferry				
	Cable	6 pt Light U/L Black	NA	IM 51
	Free Moving	NA	NA	
	Terminal	6 pt Light U/L Black	HRBFAC	IM 50
Firing Danger area		See Military Exercise Area	NA	
Fishery Zone		NA	NA	
Fishing Ground		NA	NA	
Fish Haven		6 pt Light U/L Italics Black	NA	
Fish Traps		6 pt Light U/L Italics Black	NA	IK 45
Fishing Harbour		NA	HRBFAC	
Fishing Prohibited		NA	NA	
Fishing Stake		NA	NA	
Flagstaff		NA	LNDMRK	
Flare Stack		NA		
	At sea	6 pt Light U/L Black	NA	IL 11
	On land	NA	LNDMRK	
Floating Barrier		See Oil Barrier	NA	IF 29
Flood Tide Stream - Rates		See Tidal Stream - Rates	NA	IH 40
Floodlight/Floodlit		6 pt Light U/L Black	NA	IP 63
Fog Signal				
	At buoy	6 pt Medium U/L Italics Black	Master Object*	IR
	At buoy (automatic)	6 pt Medium U/L Italics Black	Master Object*	IR
	At light	6 pt Medium U/L Black	Master Object*	IR
	At light vessel	6 pt Medium U/L Black	Master Object*	IR
	At separate installation	6 pt Light U/L Black	Master Object*	IR
	Independent	6 pt Light U/L Black	FOGSIG	IR
Footbridge		See Bridge	BRIDGE	
Fortified Structure		NA	FORSTC	
Foul		6 pt Light U/L Italics Black. 7 or 8 pt and/or spacing may be used for large scale charts.	NA	IK 31
Fracture Zone		See Oceanographic Features	SEAARE	
Free Port Area		NA	NA	

G				
Text		Type	S-57 ENC Object Class	INT Ref
Gate		NA	NA	
Gas Field		See Oil Field	OSPARE	IL 1
Gas Pipeline		See Pipeline - Gas	PIPSOL	
Gas Works		See Refinery	PRDARE	
Glacier		See Ice Area	ICEARE	
Graticule Latitudes, Longitudes		Refer Annex A and INT 2	NA	INT 2
Graving Dock (Dry)		See Dock - Graving (dry)	DRYDOC	IF 25
Gridiron				
	Description	6 pt Light U/L Italics Black	NA	IF 24
	Named	NA	NA	
Groynes				
	Description	6 pt Light U/L Black. 7 pt may be used for large scale charts	NA	
	Named	6 pt Light U/L Black. 7 pt may be used for large scale charts	SLCONS	
Gulf		See Bay	SEAARE	

H				
Text		Type	S-57 ENC Object Class	INT Ref
Harbour, Important (Major section or bold text in Sailing Directions). Refer Note 6		7 pt Medium Capitals Italics Black. A larger point size and/or spacing may be used for large areas or on large scale charts.	HRBARE, ADMARE	
Harbour, Less Important (Listed in Sailing Directions). Refer Note 6		7 pt Medium U/L Italics Black. A larger point size and/or spacing may be used for large areas or on large scale charts.	HRBARE, ADMARE	
Harbour, Unimportant (All other cases). Refer Note 6		7 pt Light U/L Italics Black. A larger point size and/or spacing may be used depending on the area of the feature.	HRBARE, ADMARE	
Harbour Limit		7 pt Medium U/L Italics Magenta. 8 pt and/or spacing may be used for long limits	NA	IN 49
Harbour Masters Office				
	Description	NA	NA	
	Named	6 pt Light U/L Black	BUISGL	
Harbour Police		6 pt Light U/L Black	NA	
Headland		See Cape	LNDRGN	
Health Office (named)		6 pt Light U/L Black	BUISGL	
Height above Chart Datum		See Intertidal Features	NA	
Height above High Water				
	Land, Islands	6 pt Medium Black	NA	IK 10
	Land, known	See Elevations	NA	IC 11
	Top of Structure	6 pt Medium Black	NA	IE 4
	Tree top	6 pt Medium Black	NA	IC 14
	Vertical Clearance	6 pt Medium Black. Magenta is to be used for safe clearance of electric cables.	NA	ID 20,22-28
Height of Structure above Ground Level		6 pt Medium Black	NA	IE 5
Helipad				
	Description	6 pt Light U/L Black	NA	
	Named	6 pt Light U/L Black	AIRARE	
Highway		See Road - Named	ROADWY	
Hills		7 pt Medium U/L Black. The use of a larger point size, Capitals and/or spacing will depend on the area and importance of the feature. 6 pt may be used in congested areas.	LNDELV, LNDRGN	
Historic Wreck				
	Description	7 pt Medium U/L Italics Magenta. 6 pt may be used in congested areas.	NA	IN 26
	Named	NA	WRECKS	
Horizontal Clearance		See Clearance - Horizontal	NA	ID 21
Hospital				
	Description	6 pt Light U/L Black	NA	IF 62.2
	Named	6 pt Light U/L Black	BUISGL, C_AGGR	

Hotel				
	Description	6 pt Light U/L Black	NA	IE 1
	Named	6 pt Light U/L Black	BUISGL	
Hulk				
	Description	6 pt Light U/L Italics Black	NA	IF 34
	Named	6 pt Light U/L Italics Black	HULKES	
Hut		See Building	BUISGL	
Hydrographic terms		See Oceanographic Features	SEAARE	IO

Text	Type	S-57 ENC Object Class	INT Ref
Ice Area			
	Glacier (named)	7 pt Medium U/L Black	ICEARE
	Ice Shelf (named)	8 pt Medium Capitals Black. Spacing may be used in large areas.	ICEARE
Illuminated		See Floodlight/Floodlit	NA
Incineration Area		7 pt Medium U/L Italics Magenta	NA
Incompletely/Inadequately Surveyed		See Unsurveyed	NA
Inlet		See Bay	SEAARE
Inset - Title		See Title - Inset	NA
Inshore Traffic Zone		See Traffic Zone - Inshore	NA
International Boundary			
	On land	7 pt Medium Capitals Black	ADMARE
	In the sea	7 pt Medium Capitals Italics Magenta	ADMARE
Intertidal Danger Comments		6 pt Light U/L Black	NA
Intertidal Features			
	Abbreviated	See Bottom Quality	NA
	Description	6 pt Light U/L Italics Black. 7 or 8 pt and/or spacing may be used in large areas.	NA
Island Group (Name)		8 pt Medium U/L Black. The use of a larger point size, capitals and/or spacing will depend on size and coverage of Island group	LNDRGN, C_AGGR
Island Height		See Height - Land, Islands	NA
Island, Important (Major section in Sailing Directions or covering large portion of chart). Refer Note 6		7 pt Medium Capitals Black. The use of a larger point size and/or spacing will depend on the size of the Island.	LNDARE
Island, Less Important (Bold text in Sailing Directions). Refer Note 6		7 pt Medium U/L Black. The use of a larger point size and/or spacing will depend on the size of the Island.	LNDARE
Island, Unimportant (All other cases). Refer Note 6		7 pt light U/L Black. The use of a larger point size and/or spacing will depend on the size of the feature.	LNDARE

J				
Text		Type	S-57 ENC Object Class	INT Ref
Jetty				
	Description	6 pt Light U/L Black	NA	IF 14-15
	Named	6 pt Light U/L Black	SLCONS	
	Ruined	6 pt Light U/L Black	NA	IF 33

L				
Text		Type	S-57 ENC Object Class	INT Ref
Lagoon		7 pt Light U/L Italics Black. A larger point size and/or spacing may be used on large scale charts. Medium text may be used for large lagoons.	SEAARE	
Lake, Important (Listed in Sailing Directions). Refer Note 6		7 pt Medium U/L Italics Black. The use of a larger point size, Capitals and/or spacing will depend on the size of the Lake.	LAKARE	
Lake, Unimportant (All other cases). Refer Note 6		7 pt Light U/L Italics Black	LAKARE	
Landing for Boats				
	Description	6 pt Light U/L Italics Black	NA	IF 17
	Named	6 pt Light U/L Italics Black	SMCFAC	
Landing Ground				
	Description	6 pt Light U/L Black	NA	
	Named	6 pt Light U/L Black	AIRARE, RUNWAY	
Landing Stairs		6 pt Light U/L Black	NA	IU 7
Landmark (Conspicuous)		See Conspicuous Features	LNDMRK	
Landmark (Not conspicuous)			LNDMRK	
	Description	6 pt Light U/L Black	NA	IE
	Named	6 pt Light U/L Black	LNDMRK	
Lash		See Dolphin	NA	
Launching Facilities		See Ramp	NA	
Lava Flow		NA	NA	
Leading Line				
	Marked by Beacons	6 pt Medium U/L Black	NA	IM 1
	Marked by Lights	6 pt Medium U/L Black	NA	IP 20-21
	Marked by Landmarks	6 pt Medium U/L Black	NA	
Ledge		See Coral Reef	SBDARE, SEAARE	
Lifeboat				
	Lying at mooring	NA	NA	
	Station	NA	NA	
Light Beacons		See Beacon - Light Description	Master Object*	IP 4
Light Buoy		See Buoy - Light Description	Master Object*	
Light Float				
	Light Description	6 pt Medium U/L Italics Black	NA	IQ 30-31
	Named	6 pt Medium U/L Italics Black	LITFLT	
Light House				
	Description	6 pt Medium U/L Black	NA	IP 1
	Named	6 pt Medium U/L Black	LNDMRK, BUISGL	
Light Sector Colours		6 pt Medium U/L Black	NA	IP 11
Light Vessel				
	Description	6 pt Medium U/L Italics Black	NA	IP 6

	Named	6 pt Medium U/L Italics Black	LITVES	
Light				
	Aero	6 pt Medium U/L Black	NA	IP 60
	Air Obstruction (high intensity)	6 pt Medium U/L Black	NA	IP 61.1
	Air Obstruction (low intensity)	6 pt Light U/L Black	NA	IP 61.2
	Daytime	6 pt Light U/L Black (for "day")	NA	IP 51
	Description	6 pt Medium U/L Black	NA	IP 10-14,16,20.3, 22-23
	Direction	6 pt Medium U/L Black	NA	IP 30
	Extinguished	6 pt Light U/L Black	NA	IP 55
	Faint Sector	6 pt Medium U/L Black	NA	IP 45
	Fog	6 pt Light U/L Black (for "in fog")	NA	IP 52
	Fog Detector	6 pt Medium U/L Black	NA	IP 62
	Horizontally Disposed	6 pt Light U/L Black (for "hor")	NA	IP 15
	In Line (not leading)	See Leading Line	NA	IM 1, IP 20,21
	Intensified	6 pt Medium U/L Black	NA	IP 46
	Landing	NA	NA	
	Leading	See Leading Line	NA	IM 1, IP 20,21
	Moire Effect	6 pt Medium U/L Black	NA	IP 31
	Morse Code	6 pt Medium U/L Black	NA	IP 10.9
	Named	6 pt Medium U/L Black	Master Object*	IP 16,20.1
	Obscured	6 pt Medium U/L Black	NA	IP 43
	Occasional	6 pt Light U/L Black (for "occas")	NA	IP 50
	Private	6 pt Light U/L Black (for "priv")	NA	IP 65
	Strip	NA	NA	IP 64
	Susidiary	6 pt Medium U/L Black	NA	IP 42
	Supplementary Desc.	6 pt Light U/L Black	NA	IP 1
	Temporary	6 pt Light U/L Black (for "temp")	NA	IP 54
	Unwatched	6 pt Light U/L Black (for "U")	NA	IP 53
	Vertically Disposed	6 pt Light U/L Black (for "vert")	NA	IP 15
Local Magnetic Anomaly				
	Reference to Note	7 pt Medium U/L Black	NA	IB 82.2
	Deviation	12 pt Medium Numeral Black. Used only where magnitude and extent are known.	NA	IB 82.1
Locality Names		See Town	BUAARE, LNDGRN	
Lock Basin				
	Description	6 pt Light U/L Italics Black	NA	IF 41.1
	Named	NA	LOCBSN	
Log Pond				
	Description	6 pt Light U/L Italics Black	NA	IN 61
	Named	NA	LOGPON	
Lookout				
	Description	6 pt Light U/L Black	NA	
	Named	NA	LNDGRN, LNDMRK	

M				
Text		Type	S-57 ENC Object Class	INT Ref
Magnetic Anomaly		See Local Magnetic Anomaly - Deviation	NA	IB 82
Magnetic Variation				
	In Title (plans)	8 pt Medium U/L Black. Heading "Mag Var" to be 8 pt Bold U/L Black.	NA	IA
	Within Rose	7 pt Medium U/L Magenta	NA	IB 70
	On Isogonals	8 pt Medium Capitals Magenta	NA	IB 71
Maintained Depth		See Dredged Area - Maintained	NA	II 23
Mangroves, Legend		See Trees, Legend	NA	
Marina (Named)		7 pt Light U/L Black	HRBFAC	
Marine Farms				
	Description	6 pt Light U/L Italics. Colour will depend on colour of boundary. 7 pt and/or spacing may be used in large areas.	NA	IK 47-48
	Named	NA	MARCUL	
Marine Park		See ESSA, MR and PSSA	RESARE	
Marine Reserve (MR)	Reference to Note	7 pt Medium Italics Green - "MR (see Note)"	NA	
Maritime Area				
	General	7 pt Medium U/L Italics Magenta. The use of a larger point size and/or spacing will depend on size of area.	NA	
	Minor	6 pt Light U/L Italics Black	NA	
	Dangerous	7 pt Medium U/L Italics Magenta. The use of a larger point size and/or spacing will depend on size of area.	NA	
Mark Coloured or White				
	Description	6 pt Medium U/L Black	NA	IQ 101
	Named	NA	DAYMAR, BCNSPP	
Marker Ship				
	Description	6 pt Light U/L Italics Black	NA	IQ 52
	Named	6 pt Light U/L Italics Black	BOYSPP	
Marsh				
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or on large scale charts.	NA	IC 33
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or on large scale charts.	COALNE, LNDRGN	
Mast, Wreck		See Wreck - Mast	NA	IK 25
Mast, Radio/Radar/TV				
	Description	6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	NA	IE 30.1
	Named	6 pt Light U/L Black	LNDMRK	
Measured Distance		6 pt Light U/L Black	NA	IQ 122
Middle Ground		7 pt Medium U/L Italics	NA	
Military Base/Area (on land)		7 pt Light U/L Black. 8 pt may be used on large scale charts. 6 pt may be used in congested areas.	RESARE	
Military Exercise Area (In water)				
	Description	8 pt Medium U/L Magenta. 7 pt may be used on small scale charts and congested areas.	NA	IN 30-33
	Named	NA	MIPARE	

Military Waters		8 pt Medium U/L Italics Magenta	RESARE	IN 31
Mine (Named)		NA	PRDARE	
Minefield				
	Description	7 pt Medium U/L Italics Magenta	NA	IN 34
	Named	NA	RESARE	
Mole (Named)		6 pt Light U/L Black. 7 pt may be used for large scale charts.	SLCONS	
Monument		NA	LNDMRK	IE 24
Mooring Berths		7 pt Medium U/L Italics Black	BERTHS, MORFAC	
Mooring Buoy, Light		See Buoy - Mooring - light	MORFAC	
Moorings, Small Craft		6 pt Medium U/L Italics Black	ACHARE	IQ 44
Mooring, Trot Number		See Trot Mooring Number	BERTHS	IQ 42
Mountains		See Hills	LNDELV, LNDRGN	
Mountain Ranges		6 pt Medium Capitals Black. A larger point size and/or spacing may be used depending on extent of range.	LNDRGN	

N				
Text		Type	S-57 ENC Object Class	INT Ref
Narrows		See Channel	SEAARE	
National Territory		NA	ADMARE	
National Park, Nature Reserve (Bird, Game, Seal, Fish, Ecological), On Land		7 pt Medium U/L Black. A larger point size and/or spacing may be used in large areas. For water areas see Marine Park.	LNDRGN, RESARE	
Nature of Seabed		See Bottom Quality	NA	IJ
Naval Base		7 pt Light U/L Black. 8 pt may be used on large scale charts. 6 pt may be used in congested areas.	HRBFAC	
Naval Exercise Area				
	No boundaries	8 pt Medium U/L Italics Black	MIPARE	
	Within boundaries	7 pt Medium U/L Italics Magenta. A larger point size, Capitals and/or spacing may be used in large areas.	MIPARE	
Naval Waters		See Military waters	RESARE	IN 31
New Edition Text and Date		Refer Annex A	NA	IA 6
Notes, Cautionary		Refer Annex C. These Notes are to be block justified to 50mm.	NA	IA 16
Note				
	Heading and reference on face of chart	8 pt Medium U/L. Capitals and/or spacing may be used depending on importance of area of interest. For water features use Italics; shown in Black if subject matter is of a permanent physical nature and an obstruction to surface navigation, or shown in Magenta if subject matter is of non-permanent or intangible nature. For (see Note) regarding Leading Lines, use 6 pt Light U/L Black. For (see Note) regarding Recommended Tracks and Preferred Routes use 7 pt Medium U/L Italics Black. For reference in relation to currents, see Current - Reference to Note. For references relating to Marine Protected Areas and Designated Shipping Areas, see ESSA, PSSA, MR and DSA.	NA	
	Related Publications	Refer Annex B	NA	IA 20
Notices to Mariners				
	Block, Copyright	8 pt Light U/L Black	NA	
	Block, Border text	8 pt Medium U/L Italics Black	NA	
	Legend and Numbers	Refer Annex A	NA	IA 7
Number, Chart		Refer Annex A	NA	IA 1

O				
Text		Type	S-57 ENC Object Class	INT Ref
Observation Spot		6 pt Light U/L Black	NA	
Observatory		See Building	BUISGL	
Obstruction				
	Description	6 pt Medium U/L Italics Black. Obstructions that are always dry (wells) are to be in upright text.	NA	IK 40-43, IL 20-23,43
	Named	6 pt Medium U/L Italics Black. Obstructions that are always dry (wells) are to be in upright text.	OBSTRN	
Occasional Light		See Light - Occasional	Master Object *	IP 50
Ocean				
	Names	24 pt Medium U/L Italics Black. The use of various point sizes and/or spacing will depend on size of area.	SEAARE	
	Current Rates	See Current Rates	NA	IH 43
Oceanographic Features		Medium Italics Black. The use of Capitals, spacing and point size (minimum 7 pt) will depend on size of feature and it's importance.	SEAARE	
ODAS Buoys		See Buoys, ODAS	Master Object *	IQ 58
Offshore Production Area		NA	OSPARE	
Offshore Rig, Production Platform (Named)		6 pt Medium U/L Black	OFSPLF	IL 2,10-17
Offshore Safety Zone		NA	NA	
Oil Barrier				
	Description	6 pt Medium U/L Italics. Black for floating oil barrier and Magenta for oil retention barrier (high pressure pipe).	NA	IF 29
	Named	NA	NA	
Oil Field		7 pt Light U/L Italics Black. The use of spacing will depend on size of area.	OSPARE	IL 1
Oil Pipeline		See Pipeline - Oil	NA	IL 40
Outfall		6 pt Light U/L Italics Black	NA	IL 41
Overhead Pipe				
	Description	6 pt Light U/L Black	NA	ID 28
	Named	NA	NA	
Oyster Beds				
	Description	6 pt Light U/L Italics Black	NA	
	Named	NA	MARCUL	

P				
Text		Type	S-57 ENC Object Class	INT Ref
Particularly Sensitive Sea Area (PSSA)	Reference to Note	7 pt Medium Italics Green - "PSSA (see Note)"		
Passage		See Channel	SEAARE	
Patches		See Coral Reef	SEAARE	
Peak		See Hills	LNDELV, LNDRGN	
Pearl Culture		See Shellfish Beds	MARCUL	IK 47
Peninsula		See Cape	LNDRGN	
Pier		See Jetty	SLCONS	IF 14
Piles/Piling			(PILPNT), (MORFAC)	
	Description	6 pt Light U/L Black	NA	IF 22
	Named	NA	MORFAC, PILPNT	
Pilot				
	Boarding Place name or Note	6 pt Medium U/L Italics Magenta	PILBOP	IT 1
	Office Lookout	6 pt Light U/L Black	NA	IT 2
	Office (pilots)	6 pt Light U/L Black	NA	IT 3
	Station	6 pt Medium U/L Black	NA	
Pilotage Area		7 pt Medium U/L Italics Magenta	ADMARE	IN 49
Pilotage service at Port (pilots)		6 pt Medium U/L Magenta	NA	IT 4
Pipeline (On land)		NA	NA	
Pipeline (In water)				
	Areas	6 pt Light U/L Italics. The use of 7 or 8 pt and/or spacing will depend on size of area. Magenta is to be used for supply pipelines.	NA	IL 40.2,41.2
	Area, named	NA	PIPARE	
	Buried	6 pt Medium U/L Italics. Magenta is to be used for supply pipelines.	NA	IL 42
	Disused	NA	NA	IL 44
	Gas	6 pt Medium U/L Italics Magenta. The use of 7 or 8 pt and/or spacing will depend on length of pipeline.	NA	IL 40.1,41.1
	Intake, Outfall, Sewer, Water	6 pt Light U/L Italics	NA	IL 40.1,41.1
	Named	NA	PIPSOL	
	Oil	6 pt Medium U/L Italics Magenta. The use of 7 or 8 pt and/or spacing will depend on length of pipeline.	NA	IL 40.1,41.1
	Overhead	See Overhead Pipeline	NA	
Plan				
	Reference to	9 pt Medium U/L Magenta. Capitals may be used for large plan limits or if space permits.	NA	IA 18
	Title	See Title - Plan	NA	
Plateau				
	On Land	See Mountain Range	LNDRGN	
	Oceanographic	See Oceanographic Features	SEAARE	
Point		See Cape	LNDRGN	
Pontoon				
	Description	6 pt Light U/L Italics Black	NA	IF 16
	Named	NA	PONTON	

Port Authority/Control				
	Description	6 pt Light U/L Black	NA	
	Named	6 pt Light U/L Black	BUISGL	
Port Limit		7 pt Medium U/L Italics Magenta. The use of 8 pt, Capitals and/or spacing will depend on area covered.	HRBARE, ADMARE	
Position				
	Approximate	6 pt Light Italics Black	NA	IB 7
	Doubtful	6 pt Light Italics Black	NA	IB 8
Post		See Piles	NA	
Post Office		NA	NA	IF 63
Power Cable				
	Overhead	See Cables - Overhead	NA	
	Submarine	See Cables - Legend, submarine	CBLSUB	
Power Station				
	Description	6 pt Light U/L Black	NA	
	Named	6 pt Light U/L Black	BUISGL, PRDARE	
Power, Transmission		6 pt Medium U/L Black	NA	
Precautionary Area		6 pt Medium U/L Italics Magenta	NA	IM 16,24
Preferred Route				
	Description	7 pt Medium U/L Italics Black	NA	
	Bearings	6 pt Medium Black	NA	
Print Text and Date		Refer Annex A	NA	
Production Platform		See Offshore Rig, Production Platform	OFSPLF	IL 2
Prohibited Anchorage		See Anchorage Prohibited	RESARE	
Prohibited Area		7 pt Medium U/L Italics Magenta. A larger point size, Capitals and/or spacing may be used in large areas.	NA	IN 2.2,31
Promontory		See Cape	LNDRGN	
Publication Details		Refer Annex A	NA	IA 4
Pylons				
	Description	6 pt Light U/L Black. 7 pt may be used on large scale charts.	NA	ID 26
	Named	NA	PYLONS	

Q				
Text		Type	S-57 ENC Object Class	INT Ref
Quarry				
	Description	6 pt Light U/L Black. Only to be used where no symbol is shown.	NA	
	Named	NA	PRDARE	
Quarantine				
	Anchorage	See Anchorage Prohibited	NA	
	Limit	7 pt Light U/L Italics Magenta	NA	
Quay				
	Description	7 pt Light U/L Black	NA	
	Named	7 pt Light U/L Black	SLCONS	

R				
Text		Type	S-57 ENC Object Class	INT Ref
Radar Beacon				
	Continuous (Ramark)	6 pt Medium U/L Magenta	NA	IS 2
	Transponder (Racon)	6 pt Medium U/L Magenta	NA	IS 3
	Named	6 pt Medium U/L Magenta	Master Object*	
Radar				
	Dome	6 pt Light U/L Black	LNDMRK	IE 30.4
	Range	6 pt Medium U/L Magenta	NA	IM 31
	Reference Line	"Ra" - 6 pt Medium U/L Magenta	NA	IM 32
	Scanner	6 pt Light U/L Black	NA	IE 30.3
Radar Station, Coast		6 pt Medium U/L Magenta	RADSTA	IS 1
Radar Transponder, Beacon Bearing		6 pt Medium U/L Magenta	NA	IS 3.5
Radiobeacon				
	Aeronautical (Aero RC)	"Aero RC" - 6 pt Medium U/L Magenta	NA	IS 16
	Directional (RD)	6 pt Medium Capitals Magenta	NA	IS 11
	Direction bearing	6 pt Medium Capitals Magenta	NA	IS 11
	Circular (non-directional marine or aeromarine)	6 pt Medium Capitals Magenta	NA	IS 10
	Radar Station, Suveillance	6 pt Medium U/L Black	NA	IM 30
	Rotating Pattern	6 pt Medium Magenta	NA	IS 12
	Named	6 pt Medium U/L Black	Master Object*, RDOSTA_P	IS 10
Radio Calling-in Point, Designation		7 pt Medium Capitals Magenta	RDOCAL	IM 40
Radio Mast		6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	LNDMRK	IE 1
Radio/Radar Buoy		See Buoy - Radio/Radar	Master Object*	IS 3.6
Radio Station				
	Coast providing QTG service (R)	6 pt Medium Magenta	RDOSTA	IS 15
	Direction finding (RG)	6 pt Medium Capitals Magenta	RDOSTA	IS 14
Radio Tower		6 pt Light U/L Black. Used for annotation of position circle or indication of multiple Objects only.	LNDMRK	IE 1
Railway				
	Station	6 pt Light U/L Black	BUISGL	
	Named	6 pt Light Capitals Black. The use of spacing will depend on the length of the railway.	RAILWY	
Ramp				
	Description	6 pt Light U/L Black	NA	IF 23
	Named	6 pt Light U/L Black	SLCONS	
Rapids		NA	NA	
Reclamation, Under		See Under Reclamation	NA	IF 31
Recommended Route - Named		NA	RCRTCL, C_AGGR	

Recommended Track				
	Bearings	See Bearings on Recommended Track	NA	IM 1,3,4
	Draught	6 pt Medium U/L Italics Black	NA	IM 6
Reef - Named		7 pt Medium U/L Italics Black. The use of a larger point size, Capitals and/or spacing will depend on area of feature.	SBDARE, SEAARE, OBSTRN, SOUNDG, C_AGGR	
Reference				
	Adjoining Chart	See Chart Reference	NA	IA 19
	Cautionary Notes	See Chart Reference	NA	IA 16
	Larger Scale Charts (with limits)	See Chart Reference	NA	IA 18
	Larger Scale Charts (without limits)	See Chart Reference	NA	IA 19
	Plan on another chart	See Chart Reference	NA	IA 18
	Plan on the same chart	See Chart Reference	NA	IA 18
Refinery				
	Description	6 pt Light U/L Black. 7 pt may be used on large scale charts.	NA	
	Named	6 pt Light U/L Black. 7 pt may be used on large scale charts.	PRDARE, C_AGGR	
Refuge for Shipwrecked Sailors				
	Description	6 pt Light U/L Black	NA	IT 14
	Named	NA	RSCSTA	
Reported Object		6 pt Light U/L Italics Black. Reported objects which are always dry are to be in upright text.	NA	II 3-4
Rescue Station		NA	RSCSTA	IT 12
Reservoir		See Dam	LAKARE	
Restricted Area		See relevant nature of restriction	RESARE	IN 2,20-34.63
Ridge		See Mountain Ranges	LNDRGN	
River, Important (Navigable at chart scale and listed in Sailing Directions). Refer Note 6		7 pt Medium U/L Italics Black. The use of a larger point size, Capitals and/or spacing will depend on length and breadth of river.	SEAARE	
River, Less Important (Non-navigable at chart scale and listed in Sailing Directions). Refer Note 6		7 pt Medium U/L Italics Black. The use of 8-10 point, Capitals and/or spacing will depend on length and breadth of river.	RIVERS	
River, Unimportant (Non-navigable at chart scale and not listed in Sailing Directions). Refer Note 6		7 pt Light U/L Italics Black. The use of spacing will depend on length of river.	RIVERS	
Road - Named		6 pt Light Capitals Black. The use of spacing will depend on the length of the road.	ROADWY	
Rock - Named (intertidal or submerged)		7 pt Medium U/L Italics Black	UWTROC	
Ro Ro (Roll on Roll off Ferry Terminal)				
	Description	6 pt Light U/L Black	NA	IF 50
	Named	NA	HRBFAC	
Ruins		6 pt Light U/L Black. 7 pt and/or spacing may be used for large scale charts (areas only).	NA	ID 8
Runway		NA	RUNWAY	

S				
Text		Type	S-57 ENC Object Class	INT Ref
"Salt pans"		6 pt Light U/L Black. 7 pt and or spacing may be used for large areas or large scale charts.	NA	IC 24
"Sand and Mud"		6 pt Light U/L Italics Black	NA	
Sand Dunes		See Dunes, Sand	LNDRGN, SLOGRD	
Sand Patch (Not conspicuous)				
	Description	6 pt Light U/L Black	NA	
	Named	6 pt Light U/L Black	LNDRGN, SLOGRD	
Sand Waves		7 pt Medium U/L Italics Black	NA	
Sandy Shore				
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	NA	
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	COALNE	
Scale, Chart		Refer Annex C	NA	IA 13
Scale Bar		6 pt Light Capitals Black	NA	IA 14-15
Seas		See Ocean	SEAARE	
Seabed Quality		See Bottom Quality	NA	IJ
Seamount		See Oceanographic Features	SEAARE	
Seaplane Landing Area				
	Anchorage	NA	NA	
	Description	8 pt Medium U/L Italics Magenta. 7 pt may be used in congested areas.	NA	
	Named	NA	SPLARE	
Seawall		NA	NA	IF 2
Sectors (Light)				
	Faint	See Light - Faint	NA	IP 45
	Intensified	See Light - Intensified	NA	IP 46
	Light	See Light Sector Colours	NA	IP 40
	Obscured	See Light - Obscured	NA	IP 43
"see Note"		See Note Headings and References	NA	
Sewer		See Pipeline	NA	IL 41
Shellfish Beds				
	Description	6 pt Light U/L Italics Black. 7 pt Medium Italics Magenta is to be used for Pearl Cultures.	NA	IK 47
	Named	NA	MARCUL	
Shingly Shore				
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	NA	IC 7
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	COALNE	
Shipyard				
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	NA	
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	HRBFAC	
Shoals		See Reef - Named	SEAARE	
Signal Station, Various				
	Description	6 pt Medium Black	NA	IT 20-36
	Named	NA	SISTAT, SISTAW	

Silo (Not conspicuous)				
	Description	6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	NA	IE 33
	Named	NA	SILTNK	
Slipway				
	Description	6 pt Light U/L Black. 7 pt may be used for large scale charts. Use Italics for intertidal or submerged slipways.	NA	IF 23
	Named	6 pt Light U/L Black. 7 pt may be used for large scale charts. Use Italics for intertidal or submerged slipways.	SLCONS	
Small Craft			SMCFAC or related Object (where possible)	
	Anchorage	7 pt Medium U/L Italics Magenta. Spacing may be used for large areas.	NA	
	Facility	6 pt Light U/L Black	SMCFAC , or related Object (where possible)	
	Moorings	See Moorings, Small Craft	NA	
Sounding				
	Definite (metres portion)	7 pt Light Italics Black (Drying depth underlined)	NA	II 10,15
	Definite (decimetres portion)	6 pt Light Italics Black	NA	II 10,15
	Indefinite (metres portion)	7 pt Light Black (Drying depth underlined)	NA	II 14
	Indefinite (decimetres portion)	6 pt Light Black	NA	II 14
NOTE: The above specification for Sounding is an indication of Font and point size only. Issues regarding positioning of decimetres part in relation to metres part, etc is to be resolved by symbol matrix definition.				
	Named	7 pt Medium U/L Italics Black	SOUNDG	
Sounding Doubtful (SD)		6 pt Light Capitals Italics Black	NA	II 2
Spit				
	On Land	See Cape	LNDRGN	
	Intertidal	See Oceanographic Features	SEAARE	
Spoil Ground		6 pt Light U/L Italics Black. The use of a larger point size and/or spacing will depend on size of area.	NA	IN 62
Spot Height		See Height Above High Water		
Spring		NA	NA	
Steep Coast		See Cliff	COALNE, SLOTOP	
Steps		See Landing Stairs	NA	
Stockpile (not conspicuous)				
	Description	6 pt Light U/L Black	NA	
	Named	NA	PRDARE	
Stony Shore				
	Description	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	NA	IC 7
	Named	6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or large scale charts.	COALNE	
Strait		See Channel	SEAARE	
Stream		See Rivers	RIVERS, SEAARE	
Street - Named		See Road - Named	ROADWY	
Submarine Exercise Area		7 pt Light Capitals Italics Magenta. The use of a larger point size and/or spacing will depend on size of area.	MIPARE	
Submarine Transit Lane		NA	NA	
Swept Area Date		8 pt Medium Italics Magenta	NA	II 24

Swept Depth		8 pt medium Magenta	NA	11 24
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T				
Text		Type	S-57 ENC Object Class	INT Ref
Tank (Not conspicuous)				
	Description	6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	NA	IE 1
	Named	NA	SILTNK	
Tank Farm		NA	PRDARE	
Telegraph, Telephone		See Cables - Overhead	NA	
Terminal - Bulk, Container, Passenger, Tanker				
	Description	6 pt Light U/L Black. 7 pt may be used for large areas or on large scale charts.	NA	
	Named	6 pt Light U/L Black. 7 pt may be used for large areas or on large scale charts.	HRBFAC	
Territorial Sea				
	Baselines	7 pt Medium U/L Italics Magenta	NA	
	Seaward Limit	NA	NA	
Tidal Flats		6 pt Light U/L Black. 7 pt and or spacing may be used for large areas or large scale charts.	NA	
Tidal Panel		Refer Annex D	NA	IH 30
Tidal Stream				
	Rates (ebb and flood)	6 pt Light U/L Italics Black	NA	IH 40,41
	Reference (in diamond)	6 pt Medium Capitals Magenta	NA	IH 46
Tide Guage				
	Description	6 pt Light U/L Black	NA	IT 32
	Named	NA	SISTAW	
Tide Stream Panel		Refer Annex D	TS_PAD	IH 31
Tideway		NA	TIDEWY	
Timber Yard		NA	NA	
Title				
	Chart	Refer Annex C	NA	IA 10
	Inset	Medium Black. Point size entirely dependant on size of inset and space available (minimum 10 pt).	NA	
	Notes on chart construction	Refer Annex C	NA	IA 11
	Plan	Medium Black. Point size entirely dependant on size of inset and space available (minimum 10 pt).	NA	IA
Tower (Not conspicuous)				
	Description	6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	NA	IE 20,30.2
	Named	6 pt Light U/L Black	LNDMRK, SILTNK	
	Water	NA	NA	
Town, Important (Containing port/harbour facilities at chart scale). Refer Note 6		7 pt Medium Capitals Black. The use of a larger point size and/or spacing will depend on the size of the town.	BUAARE, ADMARE	
Town, Less Important (containing port/harbour facilities not shown at chart scale). Refer Note 6		7 pt Medium U/L Black. The use of a larger point size and/or spacing will depend on the size of the town.	BUAARE, ADMARE	
Town, Unimportant (All other cases). Refer Note 6		7 pt Light U/L Black	BUAARE	ID 3-4
Track, Recommended		See Recommended Track	NA	IM 3,4

Traffic Zone, Inshore		8 pt Medium U/L Italics Magenta	NA	IM 25.1-25.2
Training Wall				
	Description	6 pt Light U/L Black. 7pt and/or spacing may be used for long walls or large scale charts. Italics is to be used for intertidal/submerged training walls.	NA	IF 5
	Named	NA	SLCONS	
Transit Bearing		6 pt Medium Black (whole degrees)	NA	IM 2
Transmission Line		NA	NA	
Transporter, Overhead		See Conveyor	CONVYR	
Trees, Legend		6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas or on large scale charts.	NA	IC 30
Triangulation Point		NA	CTRPNT	
Trot Mooring Number		6 pt Medium Magenta	BERTHS	IK 42
Tug Harbour		See Channel	NA	
Tunnel (Under water)		6 pt Medium U/L Black. The use of 7 pt and/or Capitals will depend on extent of tunnel.	TUNNEL	
Tunny Nets		6 pt Light U/L Italics Black	NA	IK 45
TV Mast or Tower (Not conspicuous)				
	Description	6 pt Light U/L Black. Used for annotation of position circle or indication of multiple objects only.	NA	IE 1
	Named	NA	LNDMRK	
Two-Way Route	Reference to Note	8 pt Medium Capitals Magenta. 7 pt may be used in small areas or on smaller scale charts.	NA	

U				
Text		Type	S-57 ENC Object Class	INT Ref
Under				
	Construction	6 pt Light U/L Black	NA	IF 30,32
	Reclamation	6 pt Light U/L Black	NA	IF 31
Unexamined		See Awash	NA	
UNSURVEYED		9 pt Medium Capitals Italics Magenta. The use of spacing will depend on area to be covered. Smaller point sizes may be used in congested areas. For Unsurveyed on ZOC refer to Annex E.	NA	II 25

V				
Text		Type	S-57 ENC Object Class	INT Ref
Variation, Magnetic		See Magnetic Variation	NA	IB 82
Vertical Clearance		See Height Above High Water	NA	ID 20
Vegetation, Description		6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas.	NA	IC 30
Viewpoint Reference		6 pt Light U/L Black	NA	
Village, Important		See Town, Less Important	BUAARE	ID 3,4
Village, Less Important		See Town, Unimportant	BUAARE	ID 4

W				
Text		Type	S-57 ENC Object Class	INT Ref
Wall		NA	NA	
Warehouse (designation)		See Building	PRDARE	IF 51
Watch Tower		See Lookout	LNDMRK	
Waterfall		NA	NA	
Water Tower		See Tower - Water	SILTNK	IE 1
Water Turbulence (Breakers, Eddies, Overfalls, Tide Rips, Bombora)		6 pt Light U/L Italics Black. To be used only for additional description (e.g. Strong Tide Rips)	OBJNAM to be populated for the related object (e.g. UWTROC)	IK 17
Wave Recorder		6 pt Light U/L Italics Black	NA	
Waverider (buoy)		See Buoys - Waverider	NA	
Weed/Kelp		6 pt Light U/L Italics Black	NA	IJ 13
Well		See Obstruction	NA	
Wharf				
	Description	6 pt Light U/L Black	NA	
	Named	7 pt Light U/L Black. Spacing may be used for large wharves.	SLCONS	
Wind Farm (On land)				
	Description	6 pt Light U/L Black	NA	
	Named	NA	PRDARE	
Wind Farm (In Water)				
	Description	6 pt Medium Italics Black. 7 pt and/or spacing may be used for large areas.	NA	
	Named	NA	PRDARE	
Windmill				
	Named	NA	LNDMRK	
	Wingless	6 pt Light U/L Black	NA	IE 25.2
Windmotor		NA	LNDMRK	
Wooded		6 pt Light U/L Black. 7 pt and/or spacing may be used for large areas.	NA	IC 30
Works In Progress		See Under - Construction	NA	IF 30,31
Wreck				
	Description	7 pt Medium U/L Italics Black	NA	IK 20-30
	Historic	7 pt Medium U/L Italics Magenta. 6 pt may be used in area symbols.	NA	IN 26
	Mast	6 pt Light U/L Italics Black	NA	IK 25
	Named	NA	WRECKS	

Y				
Text		Type	S-57 ENC Object Class	INT Ref
Yacht/Sailing Club - Named		6 pt Light U/L Black	BUISGL	
Yacht Harbour		See Marina - Named	HRBFAC	

Z				
Text		Type	S-57 ENC Object Class	INT Ref
Zone of Confidence (ZOC) Diagram		Refer Annex E	NA	IA 17