

# APPENDIX **B**

## PART I. INDEX OF ABBREVIATIONS (Section V of Chart No. 1)

Abbreviation	Meaning	Symbol (if applicable)	Abbreviation	Meaning	Symbol (if applicable)
<b>A</b>			<b>C</b>		
AERO, Aero	Aerolight	P 60	brk	Broken	J 33
AERO RBn	Aeronautical radiobeacon	S 16	Bu	Blue	P 11.4
Aero RC	Aeronautical radiobeacon	S 16	<b>C</b>		
Al	Alternating	P 10.11	c	Course	J 32
ALP	Articulated Loading Platform	L 12	C	Can, cylindrical	Q 21
Alt	Alternating	P 10.11	C	Cove	O 9
Am	Amber	P 11.8	CALM	Centenary Anchor Leg Mooring	L 16
anc	Ancient	O 84	Cas	Castle	E 34.2
ANCH, Anch	Anchorage	N 20, O 21	Cb	Cobbles	J 8
approx	Approximate	O 90	Cbl	Cable	B 46
Apprs	Approaches	O 22	Cd	Candela	B 54
<b>B</b>			CD	Chart datum	H 1
B	Bay, bayou	O 4	Cem	Cemetery	E 19
Bdy Mon	Boundary monument	B 24	CG	Coast Guard station	T 10
bk	Broken	J 33	Chan	Channel	O 14
Bkw	Breakwater	F 4.1	Ch	Church	E 10.1
Bl	Blue	P 11.4	Chy	Chimney	E 22
BM	Bench mark	B 23	Cl	Clay	J 3
Bn	Beacon	O 4	CL	Clearance	D 20, D 21
Bn Tr	Beacon tower	O 3	cm	Centimeter(s)	B 43
Br	Breakers	K 17	Co	Coral	J 10
brg	Bearing	B 62	Corf	Coral reef	O 26
			Cr	Creek	O 7

**PART I. INDEX OF ABBREVIATIONS (Section V of Chart No. 1)**

Abbreviation ..... Meaning ..... Symbol  
(if applicable)

crs ..... Course ..... J 32  
 Cup, Cup. .... Cupola ..... E 10.4  
 Cus Ho ..... Customs House ..... F 61  
 Cy ..... Clay ..... J 3

**D**

D ..... Destroyed ..... O 94  
 Destr ..... Destroyed ..... O 94  
 dev ..... Deviation ..... B 67  
 DIA, Dia ..... Diaphone ..... R 11  
 Dir ..... Direction ..... P 30, P 31  
 dist ..... Distant ..... O 85  
 dm ..... Decimeter(s) ..... B 42  
 Dn. .... Dolphin ..... F 20  
 Dol. .... Dolphin ..... F 20  
 DW ..... Deep Water route ..... M 27.1, N 12.4  
 DZ ..... Danger Zone ..... Q 50

**E**

E ..... East, eastern ..... B 10  
 ED ..... Existence doubtful ..... I 1  
 E E Z ..... Exclusive Economic Zone ..... N 47  
 E Int ..... Equal interval, isophase ..... P 10.3  
 Entr ..... Entrance ..... O 16  
 Est ..... Estuary ..... O 17  
 exper ..... Experimental ..... O 93  
 Explos ..... Explosive ..... R 10  
 Exting, exting Extinguished ..... P 55

**F**

f ..... Fine ..... J 30  
 F ..... Fixed ..... P 10.1  
 Fd ..... Fjord ..... O 5  
 F Fl ..... Fixed and flashing ..... P 10.10  
 FISH ..... Fishing ..... N 21  
 Fl ..... Flashing ..... P 10.4  
 Fla ..... Flare stack ..... L 11

Abbreviation ..... Meaning ..... Symbol  
(if applicable)

fm ..... Fathom ..... B 48  
 fms ..... Fathoms ..... B 48  
 fine ..... Fine ..... J 30  
 Fog Det Lt .... Fog detector light ..... P 62  
 Fog Sig ..... Fog signal ..... R 1  
 FP ..... Flagpole ..... E 27  
 FS, FS. .... Flagstaff ..... E 27  
 ft ..... Foot, feet ..... B 47

**G**

G ..... Gravel ..... J 6  
 G ..... Green ..... P 11.3  
 G ..... Gulf ..... O 3  
 Gp Fl ..... Group flashing ..... P 10.4  
 GPOcc ..... Group occulting ..... P 10.2

**H**

h ..... Hard ..... J 39  
 h ..... Hour ..... B 49  
 H ..... Pilot transferred by helicopter ..... T 1.4  
 HAT ..... Highest astronomical tide ..... H 3  
 Hbr Mr ..... Harbormaster ..... F 60  
 Historic Wk ... Historic wreck ..... N 26  
 Hk ..... Hulk ..... F 34  
 Hor ..... Horizontally disposed ..... P 15  
 Hor Cl ..... Horizontal clearance ..... D 21  
 Hosp ..... Hospital ..... F 62.2  
 hr ..... Hour ..... B 49  
 hrd ..... Hard ..... J 39

**I**

IALA ..... International Association of  
 ..... Lighthouse Authorities ..... Q 130  
 in ..... Inlet ..... O 10  
 Intens ..... Intensified ..... P 45  
 Int Qk Fl ..... Interrupted quick flashing ..... P 10.6  
 IQ ..... Interrupted quick flashing ..... P 10.6

## PART I. INDEX OF ABBREVIATIONS (Section V of Chart No. 1)

Abbreviation	Meaning	Symbol (if applicable)	Abbreviation	Meaning	Symbol (if applicable)
I Qk Fl	Interrupted quick flashing	P 10.6	MHLW	Mean higher low water	H 14
Iso	Isophase	P 10.3	MHW	Mean high water	H 5
IUQ	Interrupted ultra quick	P 10.8	MHWN	Mean high water neaps	H 11
<b>K</b>			MHWS	Mean high water springs	H 9
km	Kilometer(s)	B 40	Mi	Nautical mile(s)	B 45
kn	Knot(s)	B 52	mn	Minute of time	B 50
<b>L</b>			Mk	Mark	Q 101
L	Loch, lough, lake	O 6	MLHW	Mean lower high water	H 15
Lag	Lagoon	O 8	MLLW	Mean lower low water	H 12
LANBY	Large Automatic Navigational Buoy	P 8	MLW	Mean low water	H 4
Lat, lat	Latitude	B 1	MLWN	Mean low water neaps	H 10
LASH	Lighter aboard ship	G 184	MLWS	Mean low water springs	H 8
LAT	Lowest astronomical tide	H 2	mm	Millimeter(s)	B 44
Ldg	Landing	F 17	Mb	Morse	P 10.9
Ldg	Leading	P 21	MON, Mon,		
Le	Ledge	O 28	Mon.	Monument	B 24, E 24
L Fl	Long flashing	P 10.5	MSL	Mean sea level	H 6
Lndg	Landing	F 17	Mt	Mountain	O 32
LNG	Liquified natural gas	G 185	Mth	Mouth	O 19
Long, long	Longitude	B 2	<b>N</b>		
LOP	Line of position	S 21, S 31, S 41	N	North, northern	B 9
LPG	Liquified petroleum gas	G 186	N	Nun	Q 20
LSS	Life saving station	T 12	NE	Northeast	B 13
Lt	Light	P 1	NM	Nautical mile(s)	B 45
Lt Ho	Lighthouse	P 1	N Mi	Nautical mile(s)	B 45
Lt V	Light vessel	O 6	No	Number	N 12.2
<b>M</b>			NP	Neap tide	H 17
m	Meter(s)	B 41	NW	Northwest	B 15
m	Minute(s) of time	B 50	NWS SIG		
m	Medium (in relation to sand)	J 31	STA	Weather signal station	T 29
M	Mud, muddy	J 2	<b>O</b>		
M	Nautical mile(s)	B 45	Obsc	Obscured	P 43
mag	Magnetic	B 61	Obscd	Obscured	P 43
MHHW	Mean higher high water	H 13	Obs spot	Observation spot	B 21
			Obstn	Obstruction	K 40, K 41, K 42

**PART I. INDEX OF ABBREVIATIONS (Section V of Chart No. 1)**

Abbreviation ..... Meaning ..... Symbol  
(if applicable)

Obstr ..... Obstruction ..... K 41  
 Oc ..... Occulting ..... P 10.2  
 Occ ..... Occulting ..... P 10.2  
 Occas ..... Occasional ..... P 50  
 ODAS ..... Ocean Data Acquisition System .. Q 58  
 Or ..... Orange ..... P 11.7

**P**

P ..... Pebbles ..... J 7  
 P ..... Pillar ..... Q 23  
 PA ..... Position approximate ..... B 7  
 Pass ..... Passage, pass ..... O 13  
 PD ..... Position doubtful ..... B 8  
 PTL STA ..... Pilot station ..... T 3  
 Pk ..... Peak ..... O 35  
 Post Off ..... Post office ..... F 63  
 Priv, priv ..... Private ..... P 65, Q 70  
 Prod. well ..... Production well ..... L 20  
 PROHIB ..... Prohibited ..... N 2.2, N 20, N 21  
 Pyl ..... Pylon ..... D 26

**Q**

Q ..... Quick ..... P 10.6  
 Qk Fl ..... Quick flashing ..... P 10.6

**R**

R ..... Coast radio station  
 ..... providing QTG services ..... S 15  
 R ..... Red ..... P 11.2  
 R ..... Rocky ..... J 9  
 Ra ..... Radar reference line ..... M 32  
 Ra (conspic) ..... Radar conspicuous object ..... S 5  
 Ra Antenna ... Dish aerial ..... E 31  
 Racon ..... Radar transponder beacon ..... S 3  
 Radar Sc. .... Radar scanner ..... E 30.3  
 Radar Tr. .... Radar tower ..... E 30.2  
 Radome, Ra  
 Dome ..... Radardome ..... E 30.4

Abbreviation ..... Meaning ..... Symbol  
(if applicable)

Ra Ref ..... Radar reflector ..... S 4  
 RBn ..... Circularradiobeacon ..... S 10  
 RC ..... Circularradiobeacon ..... S 10  
 Rd ..... Roads, roadstead ..... O 22  
 RD ..... Directional radiobeacon ..... S 11  
 RDF ..... Radio direction finding station ..... S 14  
 Ref. .... Refuge ..... Q 124  
 Rep ..... Reported ..... I 3  
 Rf ..... Reef ..... O 26  
 RG ..... Radio direction finding station ..... S 14  
 Rk ..... Rocky ..... J 9  
 Rky ..... Rocky ..... J 9  
 R Mast ..... Radio mast ..... E 28  
 Ro Ro ..... Roll on Roll off ..... F 50  
 R Sta ..... Coast radio station  
 ..... providing QTG services ..... S 15  
 R Tower ..... Radio tower ..... E 29  
 Ru ..... Ruins ..... D 8, F 33.1  
 RW ..... Rotating radiobeacon ..... S 12

**S**

S ..... Sand ..... J 1  
 S ..... South, southern ..... B 11  
 S ..... Spar, spindle ..... Q 24  
 s ..... Second of time ..... B 51  
 SALM ..... Single Anchor leg Mooring ..... L 12  
 SBM ..... Single Buoy Mooring ..... L 16  
 Sc ..... Scanner ..... E 30.3  
 Sd ..... Sound ..... O 12  
 SD ..... Sounding doubtful ..... I 2  
 S E ..... Southeast ..... B 14  
 sec ..... Second of time ..... B 51  
 sf ..... Stiff ..... J 36  
 sft ..... Soft ..... J 35  
 SH ..... Shells ..... J 12  
 Shl ..... Shoal ..... O 25  
 Si ..... Silt ..... J 4  
 so ..... Soft ..... J 35

---

**PART I. INDEX OF ABBREVIATIONS (Section V of Chart No. 1)**


---

Abbreviation .....	Meaning .....	Symbol (if applicable)	Abbreviation .....	Meaning .....	Symbol (if applicable)
Sp .....	Spring tide .....	H 16	<b>U</b>		
SP .....	Spherical .....	Q 22	Uncov .....	Uncovers .....	K 11
Sp. ....	Spire .....	E 10.3	UQ .....	Ultra quick .....	P 10.8
Spipe .....	Standpipe .....	E 21	<b>V</b>		
SPM .....	Single point mooring .....	L 12	v .....	Volcanic .....	J 37
S S .....	Signal station .....	T 20	var .....	Variation .....	B 60
st .....	Stones .....	J 5	Vert .....	Vertically disposed .....	P 15
stf .....	Stiff .....	J 36	Vert Cl.....	Vertical clearance .....	D 20
stk .....	Sticky .....	J 34	Vi .....	Violet .....	P 11.5
Str .....	Strait .....	O 11	Vil .....	Village .....	D 4
Subm .....	Submerged .....	O 93	VLCC .....	Very large crude carrier .....	G 187
Subm piles ...	Submerged piles .....	K 43.1	vol .....	Volcanic .....	J 37
Subm ruins ...	Submerged ruins .....	F 33.2	VQ .....	Very quick .....	P 10.7
sy .....	Sticky .....	J 34	V Qk Fl .....	Very quick flash .....	P 10.7
SW .....	Southwest .....	B 16			
<b>T</b>			<b>W</b>		
T .....	True .....	B 63	W .....	West, western .....	B 12
t .....	Metric ton(s) .....	B 53	W .....	White .....	P 11.1
Tel .....	Telephone, telegraph .....	D 27	Wd .....	Weed .....	J 13.1
Temp, temp ...	Temporary .....	P 54	WGS .....	World Geodetic System .....	S 50
Tk .....	Tank .....	E 32	Whf .....	Wharf .....	F 13
Tr, Tr., TR .....	Tower .....	E 10.2, E 20	WHIS, Whis ..	Whistle .....	R 15
T T .....	Tree tops .....	C 14	Wk .....	Wreck .....	K 20-23, K 26-27, K 30
TV Mast .....	Television mast .....	E 28	<b>Y</b>		
TV Tower .....	Television tower .....	E 29	Y .....	Yellow .....	P 11.6

## PART II. INDEX OF ABBREVIATIONS— Supplementary National Abbreviations (Section V of Chart No. 1)

Abbreviation	Meaning	Symbol (if applicable)	Abbreviation	Meaning	Symbol (if applicable)
<b>A</b>			Diag ..... Diagonal bands ..... Qp		
Apt	Apartment	E s	Discol water	Discolored water	Ke
<b>B</b>			dk	Dark	Jbd
B	Black	Qq	<b>E</b>		
bk	Black	Jas	Explos Anch	Explosives anchorage	Qk
bl	Black	Jas	<b>F</b>		
Blds	Boulders	Je	Facty	Factory	Ed
br	Brown	Jaz	F Gp Fl	Fixed and group flashing	Pd
Bu	Blue	Jau	fl	Flood	Hq
<b>C</b>			fly	Flinty	Jao
Cap	Capitol	Et	Fr	Foraminifera	Jy
Ch	Chocolate	Jba	Fu	Fucus	Jaf
Chec	Checked	Qo	<b>G</b>		
ck	Chalk	Jf	GAB, Gab	Gable	E i
Cn	Cinders	Jp	GCLWD	Gulf Coast Low Water Datum	Hk
Co	Company	Eu	Gl	Globigerina	Jz
CoHd	Coralhead	Ji	glac	Glacial	Jap
COLREGS	Collision regulations	Na	gn	Green	Jav
Corp	Corporation	Ev	Govt Ho	Government house	Em
cps	Cycles per second	Bj	Grd	Ground	Ja
CRD	Columbia River Datum	Hj	Grs	Grass	Jv
c/s	Cycles per second	Bj	gty	Gritty	Jam
Ct Ho	Court house	Eo	GUN	Fog gun	Rd
<b>D</b>			gy	Gray	Jbb
dcc	Decayed	Jan	<b>H</b>		
deg	Degree(s)	Bn	HECP	Harbor entrance control point	Tb
Di	Diatoms	Jaa			

## PART II. INDEX OF ABBREVIATIONS—Supplementary National Abbreviations (Section V of Chart No. 1)

Abbreviation .....	Meaning .....	Symbol (if applicable)	Abbreviation .....	Meaning .....	Symbol (if applicable)
HHW .....	Higher high water .....	Hb	MHz .....	Megahertz .....	Bi
H S .....	High school .....	Eg	Ml .....	Marl .....	Jc
ht .....	Height .....	Hp	Mn .....	Manganese .....	Jq
HW .....	High water .....	Hq	Mb .....	Morse code .....	Rf
HWF & C .....	High water full and change .....	Hh	Ms .....	Mussels .....	Js
Hz .....	Hertz .....	Bg	MTL .....	Mean Tide Level .....	Hf
<b>I</b>			<b>N</b>		
in .....	Inch .....	Bc	NAUTO .....	Nautophone .....	Rc
ins .....	inches .....	Bc	<b>O</b>		
Inst .....	Institute .....	En	or .....	Orange .....	Jax
ISLW .....	Indian springs low water .....	Hg	Oys .....	Oysters .....	Jr
<b>K</b>			Oz .....	Ooze .....	Jb
K .....	Kelp .....	Ju	<b>P</b>		
kc .....	Kilocycle .....	Bk	Pav .....	Pavillion .....	Ep
kHz .....	Kilohertz .....	Bh	Pm .....	Pumice .....	Jm
kn .....	Knot(s) .....	Ho	Po .....	Polyzoa .....	Jad
<b>L</b>			Pt .....	Pteropods .....	Jac
La .....	Lava .....	Jl	<b>Q</b>		
LLW .....	Lower low water .....	He	Quar .....	Quarantine .....	Fd
LOOK TR .....	Lookout tower .....	Tf	Qz .....	Quartz .....	Jg
lrg .....	Large .....	Jai	<b>R</b>		
lt .....	Light .....	Jbc	Rd .....	Radiolaria .....	Jab
Ltd .....	Limited .....	Er	rd .....	Red .....	Jay
LW .....	Low water .....	Hc	rt .....	Rotten .....	Jaj
LWD .....	Low water datum .....	Hd	Ry .....	Railway, railroad .....	Db
LWF & C .....	Low water full and change .....	Hi	<b>S</b>		
<b>M</b>			Sc .....	Scoriae .....	Jo
m <sup>2</sup> .....	Square meter(s) .....	Ba	Sch .....	Schist .....	Jh
m <sup>3</sup> .....	Cubic meter(s) .....	Bb	Sch .....	School .....	Ef
Ma .....	Mattes .....	Jag	Sem .....	Semaphore .....	Tg
Magz .....	Magazine .....	El	Sh .....	Shingle .....	Jd
Mc .....	Megacycle(s) .....	Bl			
Mds .....	Madrepores .....	Jj			

**PART II. INDEX OF ABBREVIATIONS—Supplementary National Abbreviations  
(Section V of Chart No. 1)**

Abbreviation ..... Meaning ..... Symbol  
(if applicable)

S-LFI ..... Short-long flashing ..... Pb  
 sml ..... Small ..... Jah  
 Spg ..... Sponge ..... Jt  
 Spi ..... Spicules ..... Jx  
 spk ..... Speckled ..... Jal  
 Stg ..... Seatangle ..... Jw  
 St M ..... Statute mile(s) ..... Be  
 St Mi ..... Statute mile(s) ..... Be  
 Str ..... Stream ..... HI  
 str ..... Streaky ..... Jak  
 SUB-BELL .... Submarine fog bell ..... Ra  
 Subm crib .... Submerged crib ..... Ki  
 SUB-OSC .... Submarine oscillator ..... Rb  
 Sub vol ..... Submarine volcano ..... Kd

**T**

T ..... Telephone ..... Eq,Qt  
 T ..... Short ton(s) ..... Bm  
 T ..... Tufa ..... Jn  
 Tel ..... Telegraph ..... Qs  
 Tel off ..... Telegraph office ..... Ek  
 ten ..... Tenacious ..... Jaq

Abbreviation ..... Meaning ..... Symbol  
(if applicable)

**U**

unev ..... Uneven ..... Jbf  
 Univ ..... University ..... Eh  
 us ..... Microsecond(s) ..... Bf  
 usec ..... Microsecond(s) ..... Bf

**V**

vard ..... Varied ..... Jbe  
 vel ..... Velocity ..... Hn  
 vi ..... Violet ..... Jat  
 Vol Ash ..... Volcanic ash ..... Jk

**W**

wh ..... White ..... Jar  
 WHIS ..... Whistle ..... Qc

**Y**

yd ..... Yard ..... Bd  
 yds ..... Yards ..... Bd  
 yl ..... Yellow ..... Jaw



## PART III. INTERNATIONAL ABBREVIATIONS (Section W of Chart No. 1)

Abbreviation .....	Meaning .....	Symbol (if applicable)	Abbreviation .....	Meaning .....	Symbol (if applicable)
<b>B Positions, Distances, Directions, Compass</b>			<b>I Depths</b>		
PA .....	Position approximate .....	B 7	RoRo .....	Roll-on, Roll-off Ferry .....	F 50
PD .....	Position doubtful .....	B 8	ED .....	Existence doubtful .....	I 1
N .....	North .....	B 9	SD .....	Sounding doubtful .....	I 2
E .....	East .....	B 10	<b>K Rocks, Wrecks, Obstructions</b>		
S .....	South .....	B 11	Br .....	Breakers .....	K 17
W .....	West .....	B 12	WK .....	Wreck .....	K 20
NE .....	Northeast .....	B 13	Obstn .....	Obstruction .....	K 40
SE .....	Southeast .....	B 14	<b>L Offshore Installations, Submarine Cables, Submarine Pipelines</b>		
NW .....	Northwest .....	B 15	Fla .....	Flare stack .....	L 11
SW .....	Southwest .....	B 16	Pro .....	Submerged Production .....	L 20
km .....	Kilometer(s) .....	B 40	Well .....	Well .....	
m .....	Meter(s) .....	B 41	<b>M Tracks, Routes</b>		
dm .....	Decimeter(s) .....	B 42	Ra .....	Radar .....	M 31
cm .....	Centimeter(s) .....	B 43	DW .....	Deep Water .....	M 27.2
mm .....	Millimeter(s) .....	B 44	<b>N Areas, Limits</b>		
M .....	Nautical mile(s), Sea mile(s) .....	B 45	No .....	Number .....	N 12.2
ft .....	Foot/feet .....	B 47	DW .....	Deep Water .....	N 12.4
h .....	Hour .....	B 49	<b>O Hydrographic Terms</b>		
m, min .....	Minute(s) of time .....	B 50	SMT .....	Seamount .....	O 33
s, sec .....	Second(s) of time .....	B 51	<b>P Lights</b>		
kn .....	Knot(s) .....	B 52	Lt .....	Light .....	P 1
t .....	Ton(s) .....	B 53			
cd .....	Candela (newcandela) .....	B 54			
<b>D Cultural Features</b>					
Ru .....	Ruin .....	D 8			
<b>F Ports</b>					
Lndg .....	Landing for boats .....	F 17			

**PART III. INTERNATIONAL ABBREVIATIONS (Section W of Chart 1)**

Abbreviation	Meaning	Symbol (if applicable)
F	Fixed	P 10.1
Oc	Occulting	P 10.2
Iso	Isophase	P 10.3
Fl	Flashing	P 10.4
LFl	Long-flashing	P 10.5
Q	Quick	P 10.6
IQ	Interrupted quick	P 10.6
VQ	Very quick	P 10.7
IVQ	Interrupted very quick	P 10.7
UQ	Ultra quick	P 10.8
IUQ	Interrupted ultra quick	P 10.8
Mo	Morse Code	P 10.9
W	white	P 11.1
R	red	P 11.2
G	green	P 11.3
Bu	blue	P 11.4
Vi	violet	P 11.5
Y	yellow/orange/Amber	P 11.6
Or	Orange	P 11.7
Am	Amber	P 11.8
Ldg	Leading light	P 20.3
Dir	Direction light	P 30
occas	occasional	P 50
R Its	Air obstruction lights	P 61.2
priv	private	P 65
Fog Det Lt	Fog detector light	P 62
Aero	Aeronautical	P 60/61.1

**Q Buoys, Beacons**

DZ	Danger Zone	Q 50
----	-------------	------

Abbreviation	Meaning	Symbol (if applicable)
ODAS	Ocean Data Acquisition System	Q 58
Mk	mark	Q 101
IALA	International Association of Lighthouse Authorities	Q 130

**R Fog Signals**

Explos	Explosive	R 10
Dia	Diaphone	R 11
Whis	Whistle	R 15

**S Radar, Radio, Electronic Position-Fixing Systems**

Ra	Coast Radar Station	S 1
Racon	Radar transponder beacon	S 3
F Racon	Radar transponder beacon, responding on a fixed frequency outside the marine band	S 3.4
RC	Circular (non-directional) marine radiobeacon	S 10
RD	Directional radiobeacon	S 11
RW	Rotating-pattern radiobeacon	S 12
RG	Radio direction-finding stations	S 14
R	QTG service, Coast radio stations	S 15
Aero RC	Aeronautical radiobeacon	S 16
WGS	World Geodetic System	S 50

**T Services**

S S	Signal station	T 20
INT	international	T 21

## PART IV. ABBREVIATIONS USED THIS MANUAL, NM, LNM, LIGHT LIST, BROADCAST NOTICE TO MARINERS, NAUTICAL CHART CATALOG, OR DATES OF LATEST EDITIONS

---

Abbreviation ..... Meaning

### A

ABAND ..... Abandoned  
 A/C ..... Aircraft  
 AERO RBN ..... Aeronautical radiobeacon  
 ANCH ..... Anchorage  
 ANCH PROHIB ..... Anchorage prohibited  
 ANMS ..... Automated Notice to Mariners  
 APPROX ..... Approximate  
 ART DBN ..... Articulated day beacon  
 ART LT ..... Articulated light  
 ATLC ..... Atlantic  
 ATON ..... Aids to Navigation  
 AUTH ..... Authorized  
 AUTH CL ..... Authorized Clearance  
 AVG ..... Average

### B

BKW ..... Breakwater  
 BLDG ..... Building  
 BNM ..... *Broadcast Notice to Mariners*  
 BRG ..... Bearing

### C

C ..... Can  
 (C) ..... Indicates chart has Loran-C TDs overprinted  
 CFR ..... *Code of Federal Regulations*  
 CGUSACE ..... Commanding General, U.S. Army Corps of Engineers  
 CHAN ..... Channel  
 COE ..... Corps of Engineers  
 COLREGS ..... Collision Regulations  
 COMDTINST ..... *Commandant Instruction*

---

Abbreviation ..... Meaning

COMDTPUB ..... *Commandant Publication*  
 CONT ..... Continue  
 COTP ..... Captain of the Port  
 CUP ..... Cupola

### D

D ..... Indicates NAD 1983 added  
 DEG ..... Degrees (Temperature; geo pos)  
 DESTROY ..... Destroyed  
 DGPS ..... Differential Global Positioning System  
 DIA ..... Diameter  
 DISCONTD ..... Discontinued  
 DMA ..... Defense Mapping Agency  
 DOD ..... Department of Defense  
 DR ..... Dead Reckoning  
 DW ..... Deep Water Route

### E

E ..... New Edition  
 ECDIS ..... Electronic Chart Display and Information Systems  
 ED ..... Edition  
 ED ..... Existence Doubtful  
 E E Z ..... Exclusive Economic Zone  
 E F F ..... Effect/Effective  
 E L B ..... Exposed Location Buoy  
 ENTR ..... Entrance  
 EPA ..... United States *Environmental Protection Agency*  
 ESTAB ..... Established  
 EXPLOS ANCH ..... Explosive Anchorage

**PART IV. ABBREVIATIONS USED THIS MANUAL, NM, LNM, LIGHT LIST, BROADCAST NOTICE TO MARINERS, NAUTICAL CHART CATALOG, OR DATES OF LATEST EDITIONS**

Abbreviation ..... Meaning

Abbreviation ..... Meaning

**F**

FAD ..... Fish Aggregating Device  
 FCC ..... Federal Communications Commission  
 FCZ ..... Fishery Conservation Zone  
 FM(S) ..... Fathom(s)  
 FOG SIG ..... Fog Signal Station  
 F P ..... Flag Pole  
 F R ..... *Federal Register*  
 F S ..... Flag Staff  
 F T ..... Foot/Feet  
 F TR ..... Flag tower  
 F/V ..... Fishing Vessel

**G**

G ..... Green  
 GPS ..... Global Positioning System  
 GRI ..... Group Repetition Interval

**H**

HBR ..... Harbor  
 HO ..... House  
 HOR CL ..... Horizontal Clearance  
 HR ..... Hour  
 HT ..... Height  
 HZ ..... Hertz

**I**

IALA ..... International Association of Lighthouse Authorities  
 ICW ..... Intracoastal Waterway  
 IGLD ..... International Great Lakes Datum  
 IHB ..... International Hydrographic Bureau  
 IHO ..... International Hydrographic Organization

IMCO ..... Inter-governmental Maritime Consultative Organization  
 IMO ..... International Maritime Organization  
 ITU ..... International Telecommunications Union

**K**

KHZ ..... Kilohertz  
 KM ..... Kilometer  
 KT(S) ..... Knot(s)

**L**

LANBY ..... Large Automated Navigation Buoy  
 LAT ..... Latitude  
 LB ..... Lighted Buoy  
 LBB ..... Lighted Bell Buoy  
 LGB ..... Lighted Gong Buoy  
 LHB ..... Lighted Horn Buoy  
 LLNR ..... Light List Number  
 LLWD ..... Lower Low Water Datum  
 LNB ..... Large Navigation Buoy  
 LNG ..... Liquidified Natural Gas  
 LNM ..... *Local Notice to Mariners*  
 LONG ..... Longitude  
 Look TR ..... Lookout Tower  
 LOOP ..... Louisiana Offshore Oil Port  
 LOP ..... Line of Position  
 Loran ..... Long-Range Navigation  
 LT ..... Light  
 LT HO ..... Light House  
 LT OBSC ..... Light Obscured  
 LWB ..... Lighted Whistle Buoy  
 LWD ..... Low Water Datum

---



---

**PART IV. ABBREVIATIONS USED THIS MANUAL, NM, LNM, LIGHT LIST, BROADCAST NOTICE TO MARINERS, NAUTICAL CHART CATALOG, OR DATES OF LATEST EDITIONS**


---

Abbreviation ..... Meaning

Abbreviation ..... Meaning

**M**

M .....	Metric Chart
MAINTD .....	Maintained
MAX .....	Maximum
MB .....	Millibar
MDT .....	Moderate
MF .....	Marine Facility Chart
MHHW .....	Mean Higher High Water
MHW .....	Mean High Water
MHWL .....	Mean High Water Line
MHZ .....	Megahertz
MICRO TR .....	Microwave Tower
MIN .....	Minute (time; geo pos)
MLLW .....	Mean Lower Low Water
MLW .....	Mean Low Water
MLWL .....	Mean Low Water line
MM .....	Millimeter
Mo (A) .....	Morse Alpha
MSL .....	Mean Sea Level
MT .....	Mountain, Mount
MV .....	Motor Vessel
MWLL .....	Mean Water Level Line

**N**

N .....	New Chart
N .....	Nun
NAD .....	North American Datum
NAE .....	National Academy of Engineering
NAS .....	National Academy of Sciences
NIMA .....	National Imagery and Mapping Agency
NM .....	Nautical Mile(s)
NM .....	<i>Notice to Mariners</i>
NOAA .....	National Oceanographic & Atmospheric Administration
NOS .....	National Ocean Service
NRC .....	National Research Council

NWS ..... National Weather Service

**O**

O .....	Omega Chart
OBSTR .....	Obstruction
OCCASION .....	Occasion/Occasionally
OCS .....	Outer continental shelf
ODAS .....	Oceanographic (or Ocean) Data Acquisition System
OPAREA .....	Operating Area
OVHD PWR CAB ...	Overhead Power Cable

**P**

PA .....	Position Approximate
PAC .....	Pacific
P/C .....	Pleasure Craft
PD .....	Position Doubtful
PPC .....	Pumping Platform Complex
PPI .....	Plan Position Indicator
PRES .....	Pressure
PRIV .....	Private, Privately
PRIV MAINTD .....	Privately Maintained
PROHIB .....	Prohibited
PSN .....	Position
PT(S) .....	Point(s)
PUB .....	Publication
PWI .....	Potable Water Intake

**R**

R .....	Red
R .....	Revised Print
RACON .....	Radar Transponder Beacon
RAMARK .....	Radar Marker
RA Ref .....	Radar Reflector
RBN .....	Radio Beacon
RDF .....	Radio Direction Finder

---



---

**PART IV. ABBREVIATIONS USED THIS MANUAL, NM, LNM, LIGHT LIST, BROADCAST NOTICE TO MARINERS, NAUTICAL CHART CATALOG, OR DATES OF LATEST EDITIONS**


---



---

**Abbreviation ..... Meaning**

REP ..... Reported  
 RESTR ..... Restricted  
 RF ..... Representative Fraction  
 RGE ..... Range  
 RK ..... Rock  
 R/V ..... Research Vessel

**S**

SAR ..... Search and Rescue  
 SC ..... Small Craft  
 SD ..... Sounding Doubtful  
 SEC ..... Second (time; geo pos)  
 SIG STA ..... Signal station  
 SM ..... Statute Mile(s)  
 SOLAS ..... Safety of Life at Sea  
 SPOR ..... Shoreline Plane of Reference  
 S SIG STA ..... Storm Signal Station  
 ST ..... Saint  
 STA ..... Station  
 S' PIPE ..... Standpipe  
 S/V ..... Sailing Vessel

**T**

TD ..... Time Difference  
 TEMP ..... Temporary  
 THRU ..... Through  
 TR ..... Tower  
 TR ..... True  
 TRLB ..... Temporarily Replaced by Lighted Buoy  
 TRUB ..... Temporarily Replaced by  
 Unlighted Buoy  
 TSD ..... Time-Speed-Distance  
 TSS ..... Traffic Separation Scheme  
 TSTM ..... Thunderstorm

**U**

UMIB ..... Urgent Marine Information  
 Broadcast

**Abbreviation ..... Meaning**

UNCOV ..... Uncovers; Dries  
 US ..... United States  
 USACE ..... U.S. Army Corps of Engineers  
 USC ..... United States Code  
 USCG ..... United States Coast Guard  
 USCGAUX ..... United States Coast Guard  
 Auxiliary  
 USCP ..... *United States Coast Pilot*  
 USDOT ..... United States Department of  
 Transportation  
 USPHS ..... U.S. Public Health Service  
 USPS ..... United States Power Squadrons  
 UTC ..... Universal Coordinated Time

**V**

VERT CI ..... Vertical Clearance  
 VHF-FM ..... Very High Frequency -  
 Frequency Modulated  
 VLCTY ..... Velocity  
 VSBY ..... Visibility  
 VTC ..... Vessel Traffic Center  
 VTS ..... Vessel Traffic Services

**W**

WEA ..... Weather  
 WGS ..... World Geodetic System  
 WHIS ..... Whistle  
 WK ..... Wreck  
 W/P ..... Watching Properly  
 WRNG ..... Warning

**X**

X ..... Discontinued Chart

**Y**

YD ..... Yard(s)