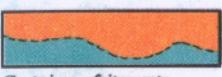


SÍMBOLOS E ABREVIATURAS

USADOS NAS CARTAS NÁUTICA PUBLICADAS PELA
MARINHA DO BRASIL

NESTA PÁGINA APRESENTAMOS UM RESUMO DE ALGUNS DOS GRUPOS DA 12.000 CUJA FUNÇÃO É DE EXPLICAR OS SIGNIFICADOS DOS SÍMBOLOS QUE APARECEM NAS CARTAS NÁUTICAS BRASILEIRAS.

A Linhas da Costa



Costa imperfeitamente levantada



Praia de areia



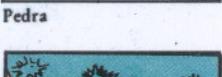
Costa perfeitamente levantada



Areia



Pedra



Coral

B Acidentes da Costa

G.	Golfo
B.	Baía
Can.	Canal
Ba.	Barra
I.	Ilha
Arq.	Arquipélago
C.	Cabo
Pta.	Ponta
Mo.	Morro
Col.	Colina
Sc.	Saco

C Terreno



Curvas de nível



Curvas de nível aproximadas



Árvores isoladas



Lago



Lagoa/Laguna



Pântano

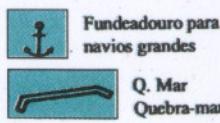


Pant. Pântano

E Unidades

h	Hora
min.	Minuto
seg.	Segundo
m.	Metro
M	Milha marítima
Lat.	Latitude
Long.	Longitude

G Portos

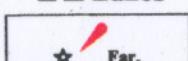


Fundeadouro para navios grandes



Q. Mar Quebra-mar

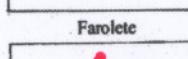
K Luzes



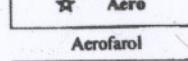
Farol



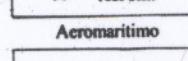
Farolete



Aerofarol



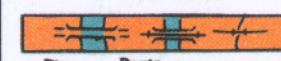
Aeromarítimo



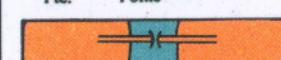
Farol com radiofarol, radar - farol, estação radiogoniométrica ou de radar com farol na mesma posição

- F Luz fixa
- Oc Luz de ocultação
- Lp. Luz de lampejo
- Iso Luz isofásica
- LpR Luz de lampejo rápido
- LpRin. Luz de lampejo rápido interrompida
- GrLpR Luz de grupo de lampejo rápido
- LpMR Luz de lampejo muito rápido
- LpMRin. Luz de lampejo muito rápido interrompida
- GrLpMR. Luz de grupo de lampejo muito rápido
- LpC. Luz de lampejo curto
- LpL. Luz de lampejo longo
- alt. Luz alternada
- GrOc. Luz de grupo de ocultação
- GrLp Luz de grupo de lampejo

H Topografia



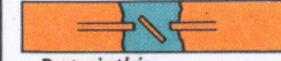
Pte. Ponte



Ponte levadiça



Ponte de pontões



Ponte giratória



Percorso regular de embarcações

I Edificações

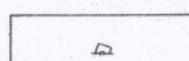


Cidade ou Vila

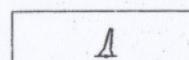


Ig. Igreja

L Bóias e Balizas



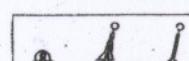
Bóia cilíndrica, bóia chata



Bóia pilar



Bóia com tope



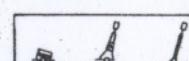
Bóia de águas seguras



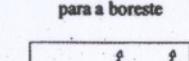
Bóia de boreste



Bóia de bombordo



Bóia de canal preferencial para a boreste

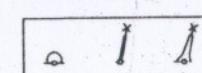


Bóia de canal preferencial para bombordo

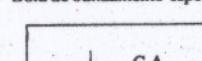
O Perigos



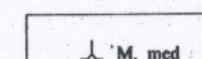
Bóia de perigo isolado



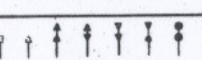
Bóia de balizamento especial



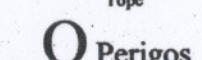
C.A.



M. med



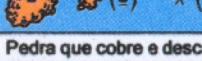
Tope



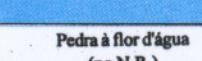
Pedra sempre descoberta



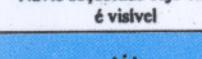
Pedra que cobre e descobre



Pedra à flor d'água (no N.R.)



Navio socobrado cujo casco é visível

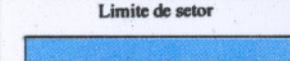


Navio socobrado perigoso à navegação de superfície

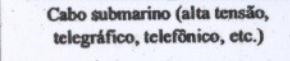
P Limites Diversos



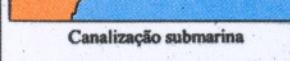
Limite de setor



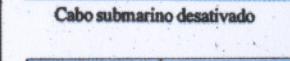
Cabo submarino (alta tensão, telegráfico, telefônico, etc.)



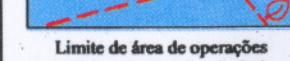
Canalização submarina



Cabo submarino desativado



Limite de área de operações militares (exercícios de tiro)



Linha de área reservada