No. 3162

Price $1.00

LIGHTS

F.fixed, Fl. flashing, Occ. occulting, Alt. alternating, Gp. group, Int. interval, Ec. eclipse, Vis. visible, Ht. height. Unless otherwise stated, alternating lights are red and white, sectors unobscured, lights are white, colors are stated. Heights of lights are above high water.

BUOYS

- C. ..... can
- N. ..... nun
- S. ..... spar
- St. ..... with vertical stripes
- Str. ..... with horizontal stripes
- W. ..... whistling
- B. ..... bell
- G. ..... lighted
- M. ..... mooring

a.Sc. ..... Arcacon

ANNAMESE AND ENGLISH TERMS

Chau, Hon or Tan ..... *island*
Cua or Mun ..... *entrance, mouth, channel*
Nui ..... *mountain, hill, hilly island*
Dai ..... *rock, shoal, islet*

TIDAL INFORMATION

Place	Mean Higher High Water	Spring Range (Diurnal Range)
	Feet Meters	Feet Meters
Campha (Tanhai)	A. 30.	A.

The tide is chiefly diurnal. For hourly values, see U. S. Department of Commerce Tide Tables, Pacific and Indian Oceans

AUTHORITIES

Various French Charts
U. S. Hydrographic Office publication
Miscellaneous data

CONVERSION TABLE

FATHOMS TO METERS

Fathoms	Meters	Fathoms	Meters	Fathoms	Meters
½	.5	4½	8.2	14	25.6
1	1.0	5	9.1	15	27.4
1½	1.4	5½	10.1	16	29.3
2	1.8	6	11.0	17	31.1
2½	2.3	6½	11.9	18	32.9
3	2.7	7	12.8	19	34.7
3½	3.2	7½	13.7	20	36.6
4	3.7	8	14.6	30	54.9
4½	4.1	8½	15.5	40	73.2
5	4.6	9	16.5	50	91.4
5½	5.0	9½	17.4	60	109.7
6	5.5	10	18.3	70	128.0
6½	5.9	11	20.1	80	146.3
7	6.4	12	21.9	90	164.5
7½	6.9	13	23.8	100	182.9

Corrected to N.M.

Year	No.	Paragraph	Year	No.	Paragraph

ASIA
FRENCH INDOCHINA_TONKIN
TONKIN GULF

ILES NORWAY TO ILES KAOTAO

INCLUDING

FAÏTSILONG ARCHIPELAGO

AND THE INTERIOR CHANNELS

From French surveys to 1933
(Soundings in sterling figures from smaller scale charts)

SOUNDINGS IN FATHOMS
reduced to approximately the level of Lowest Low Water

HEIGHTS IN FEET ABOVE MEAN SEA LEVEL

Underlined figures in the water in brackets, thus: (18) indicate the height of the adjacent island or rock

Underlined figures on the areas which uncover express the height in feet above the datum of soundings

Co. coral, G. gravel, M. mud, S. sand, Sh. shell, bk. broken, fne. fine, dy. rocky

Natural Scale 1:75,000 at Lat. 21°00'

NOTE

To adjust this chart to Kalianpur (Indies) Datum, the value of all points must be decreased approximately 6" in Latitude and increased approximately 32" in Longitude.

Small corrections (Notice) from Notices to Mariners from other sources

May '44	Jan. '45	Apr. '45	July '45	Sept. '50	June '64
2 '44	1 '45	32 L.S.	32 L.S.	96-02/99-23	92-23

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