



FOR OFFICIAL USE ONLY

SOUNDINGS AND HEIGHTS IN METERS

ASIA
CHINA—SOUTH COAST
GULF OF TONKIN
**ILE TCHING LAN XAN
TO
WEI-CHOU TAO**

From a Japanese survey in 1939
Topography from French surveys

SOUNDINGS IN METERS
reduced to the approximate level of Lowest Low Water
HEIGHTS IN METERS ABOVE MEAN SEA LEVEL

MERCATOR PROJECTION
Natural Scale 1:150,000

Equatorial Tides	Ile Lo Chue San	Peihai	Wei-chou Tao
Mean High Water Interval	5 hrs. 27 min.	6 hrs. 12 min.	5 hrs. 08 min.
Spring rise	5 ft.	5 ft.	5 ft.
Neap rise	3 ft.	3 ft.	3 ft.
Tropic Tides			
Mean High Water Interval	4 hrs. 10 min.	5 hrs. 00 min.	4 hrs. 25 min.
Mean Low Water Interval	14 hrs. 10 min.	13 hrs. 20 min.	14 hrs. 35 min.
Mean High Water	13 ft.	15 ft.	14 ft.
Mean Low Water	2 ft.	1 ft.	2 ft.
Mean Tide Level	7 ft.	8 ft.	8 ft.

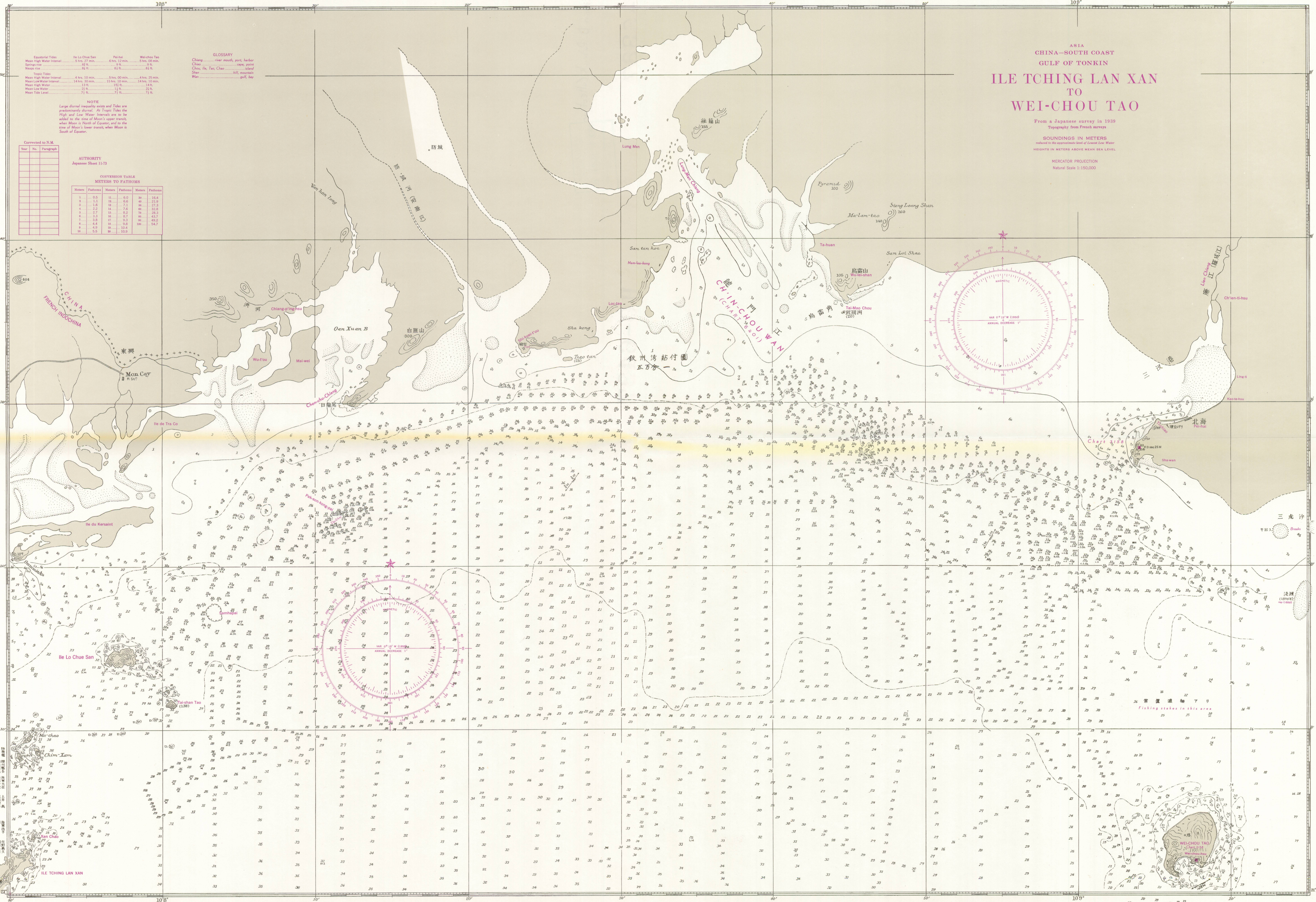
NOTE
Large diurnal inequality exists and tides are predominantly diurnal. At Tropic Tides the High and Low Water Intervals are to be added to the time of Moon's upper transit, when Moon is North of Equator, and to the time of Moon's lower transit when Moon is South of Equator.

Corrected to N.M.

Year	No.	Paragraph
1939	1	1
1940	2	2
1941	3	3
1942	4	4
1943	5	5
1944	6	6
1945	7	7
1946	8	8
1947	9	9
1948	10	10
1949	11	11
1950	12	12
1951	13	13
1952	14	14
1953	15	15
1954	16	16
1955	17	17
1956	18	18
1957	19	19
1958	20	20
1959	21	21
1960	22	22
1961	23	23
1962	24	24
1963	25	25
1964	26	26
1965	27	27
1966	28	28
1967	29	29
1968	30	30
1969	31	31
1970	32	32
1971	33	33
1972	34	34
1973	35	35
1974	36	36
1975	37	37
1976	38	38
1977	39	39
1978	40	40
1979	41	41
1980	42	42
1981	43	43
1982	44	44
1983	45	45
1984	46	46
1985	47	47
1986	48	48
1987	49	49
1988	50	50
1989	51	51
1990	52	52
1991	53	53
1992	54	54
1993	55	55
1994	56	56
1995	57	57
1996	58	58
1997	59	59
1998	60	60
1999	61	61
2000	62	62
2001	63	63
2002	64	64
2003	65	65
2004	66	66
2005	67	67
2006	68	68
2007	69	69
2008	70	70
2009	71	71
2010	72	72
2011	73	73
2012	74	74
2013	75	75
2014	76	76
2015	77	77
2016	78	78
2017	79	79
2018	80	80
2019	81	81
2020	82	82
2021	83	83
2022	84	84
2023	85	85
2024	86	86
2025	87	87
2026	88	88
2027	89	89
2028	90	90
2029	91	91
2030	92	92
2031	93	93
2032	94	94
2033	95	95
2034	96	96
2035	97	97
2036	98	98
2037	99	99
2038	100	100

**CONVERSION TABLE
METERS TO FATHOMS**

Meters	Fathoms	Meters	Fathoms	Meters	Fathoms
1	0.5	11	6.0	30	16.4
2	1.1	12	6.6	40	21.9
3	1.6	13	7.1	50	27.3
4	2.2	14	7.6	60	32.8
5	2.7	15	8.2	70	38.3
6	3.3	16	8.7	80	43.7
7	3.8	17	9.3	90	49.2
8	4.4	18	9.8	100	54.7
9	4.9	19	10.4		
10	5.5	20	10.9		



SOUNDINGS AND HEIGHTS IN METERS

Published by the Hydrographic Office, Washington, D. C., Sept. 1950
under the authority of the SECRETARY OF THE NAVY

FOR OFFICIAL USE ONLY

1st EDITION SEPT. 1950

PROVISIONAL H. O. 6437