निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F43S15&S11

Scale 1:50,000

Arabian Sea	F43S14 (46D/14)	F43T2 (46H/2) 3 Valsād GUJARĀT
F43S11 (46D/11)	F43S15 (46D/15)	F43T3 (46H/3)
F43S12 (46D/12)	F43S16 (46D/16) Thāne MAHĀRĀSHTRA	F43T4 (46H/4)

1 DAMĀN
2 DĀDRA & NAGAR HAVELI.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2013. Price : PDF COPY Rs. 480/-

Express Highway: with toll; with bridge; with distance stone . . . .
Roads metalled: according to importance . . . . . .
Roads double carriageway: according to importance . . . . . .
Unmetalled Road, Cart-track. Pack-track and pass. Foot-path . . . .
Streams: with track in bed; undefined. Canal . . . . . .
Dams: masonry or rock-filled; earthwork. Weir . . . . . .
River: dry with water channel; with island & rocks. Tidal river . .
Submerged rocks. Shoal. Swamp. Reeds . . . . . .
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry . . .
Embankments: road or rail; tanks. Broken ground . . . . . .
Railways, broad gauge: double; single with station; under constrn . . .
Railways, other gauges: double; single with distance stone; do . . .
Mineral line or tramway. Kiln. Cutting with tunnel . . . . . .
Contours with sub-features. Rocky slopes. Cliffs . . . . . .
Sand features: (1)flat.(2)sand-hills (permanent). (3)dunes(shifting). . .
Towns or Villages: inhabited; deserted. Fort . . . . . .
Huts: permanent; temporary. Tower. Antiquities . . . . . .
Temple, Chhatri. Church. Mosque. Idgāh. Tomb. Graves . . . . . .
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage . . . . .
Mine. Vine on trellis. Grass. Scrub . . . . . .
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees . . . .
Areas: cultivated; wooded. Surveyed tree . . . . . .
Boundary, international . . . . . .
" state: demarcated; undemarcated . . . . . .
" district; subdivision, tahsil or tāluk; forest . . . . . .
Boundary pillars: surveyed; unlocated; . . . . . .
Heights, triangulated: station; point; approximate. . . . . △ 200 . 200 . 200
Bench-mark: geodetic; tertiary; canal . . . . . BM 63·3 . BM 63·3 . 63
Post office. Telegraph office. Overhead tank. . . . . .
Rest house or Inspection bungalow. Circuit house. Police station . .
Camping ground. Forest: reserved; protected . . . . . CG RF PF
Spaced names: administrative; locality or tribal . . . . . KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary . . . . . .
Aerodrome. Helipad. Tourist site . . . . . .
Power line: with pylons surveyed; with poles unsurveyed . . . . . .

REFERENCE

NH 8 National Highway No. 8.

NOTES :-

Heights and contours have not been shown.
A relative height, 3r, represents the approximate height, in metres, between the top and bottom of a steep slope.
The names of hamlets in this sheet are typed within brackets below the names of the main villages to which they belong.
Cart-tracks in this sheet, against which there is no descriptive remark, are generally jeepable in dry season.
Tanks, shown dry, in this area usually contain water from July to February.
Numerous field bunds of less than 2 metres in height occur throughout the cultivated areas.
Some roads, power lines and a few other details have been entered from Damānganga Project survey and verification survey carried out during 1965-66.
The south half of this map is magnetically disturbed and the variation given may differ largely from the actual value.
The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
Position of pylons between turning points of power lines has not been surveyed.

COMPILATION INDEX

A Compiled from 1:25,000 survey, 1963-64.
B Surveyed during 1964-65.
A & B Updated for major details using 1:25,000 survey of 2000-2001.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{3}{4}$° West in 2005.
(Decreasing by about 1 annually).

500 m to 1 cm 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

For further details about this map, please contact
Director
Mahārāshtra & Goa Geo-Spatial Data Centre
Survey of India, Phulenagar, Ālandi Road
Pune.

WEBSITE – www.surveyofindia.gov.in

Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

REG. No. – SPG D 13 (Mahārāshtra & Goa GDC-1:50,000)–

भारत के महासर्वेक्षक, डॉ. स्वर्ण सुब्बा राव के निदेशन में प्रकाशित,
Published under the direction of Dr. Swarna Subba Rao, Surveyor General of India,
Survey of India, Hāthībarkala Estate, Post Box No. 37, Dehra Dūn – 248001 (Uttarākhand),

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.