

GUIDELINES FOR IMPLEMENTING NATIONAL MAP POLICY

1. Background:

The Central Government announced the National Map Policy (NMP) on 19th May 2005. The NMP document authorizes Survey of India (SOI) to issue detailed guidelines on the implementation of the NMP. These guidelines are issued in the light of the above cited authorization. The guidelines are clarificatory in nature and does not create any new rights nor abridge any existing rights which are enforceable in courts of law.

2. Information on Maps and guidance of indentors:

- a) All up-to-date information on SOI maps shall be available at the various offices, map sales counters and Geospatial Data Centres (GDC) under the SOI. The information shall also be available on Survey of India website www.surveyofindia.gov.in created and maintained by the SOI. The information provided *inter alia* includes all relevant details of maps such as scale, information content, date of data capture, price, mode of data dissemination whether MOD clearance available for issue as Open Series Map (OSM) etc. The website also has a search engine by which the exact sheet number of a given locality can be traced by giving elementary details like name of district or any other prominent feature. SOI offices may be contacted for further information on OSMs.
- b) The lay out of OSM sheets on UTM projection and WGS 84 datum is shown in Annexure 'A'. The annexure also shows the incidence of the existing topographical series on the OSM series.
- c) Data content: Approved data content of OSMs is given in Annexure 'B'.
- d) Export of all maps/digital data in 1: 250K and larger scales through any means is prohibited vide Ministry of Finance (Department of Revenue) Notification No. 118-Cus./F.No.21/ 5/62-Cus. I/VIII dt. 4th May 1963. Digital Topographical data will be licensed to only Indian individuals, organisations, firms or companies.

3. ***Sales/ Data Dissemination:***

(a) Analogue/Paper Maps: of all scales shall be made available from Survey of India (SOI) offices and Map Sales Counters on payment at prices as may be fixed by SOI from time to time. The list of such outlets, their addresses with telephone numbers shall be made available in the website www.surveyofindia.gov.in. These maps can also be sold by any retailer. Digitisation of SOI analogue/paper maps is strictly forbidden.

(b) Map Transaction Registry (MTR): As stipulated in the National Map Policy, Survey of India will establish an on-line MTR for recording of all transactions relating to digital maps. Each user will be allotted a unique user ID and each transaction with a unique transaction ID. For all future correspondence, this user ID and Transaction ID should be referred.

(c) Digital Maps: include both Raster and Vector forms. The ownership of all digital data vests solely with SOI and will be given only under licence against indent and on payment. Unauthorised copying and distribution of SOI digital data are strictly prohibited. All licenses will be issued through the Map Transaction Registry (MTR). The format of the licences is available in SOI web site www.surveyofindia.gov.in. The indents may be made in the prescribed proforma (appended as form A).

4. ***Licensing of Digital Maps:***

Digital data will be available in single/ multiple/ commercial licensing for general use, value addition and marketing. All digital maps will be provided with encryptions/mechanisms which may corrupt the data while copying unauthorisedly or while attempting the same. Every such attempt shall attract criminal and civil liability from the user without prejudice to the corruption of data or software/hardware for which the SOI will not be liable.

SOI digital data will be licensed based on usage. Following are the categories:

Digital Licence

Publishing Licence

Internet Licence

Media Licence

Value addition Licence

Terms and conditions governing each of the licence is available in SOI web site www.surveyofindia.gov.in.

5. Procedure for Value added products

In as much as the National Map Policy is aimed at encouraging a flourishing geospatial industry and related knowledge services, there is much expectation from the industry to do value additions to the products of SOI. SOI encourages individuals/ industry to do value addition. Intending value adders will submit a business model indicating the products to be generated and marketing strategy and also execute a Memorandum of Agreement (MOA) with SOI.

6. Pricing of various products:

- (i) The SOI shall notify from time to time the price list of its standard products.
- (ii) The prices are subject to revision from time to time.
- (iii) An indenter has to pay the amount at the rate prevailing on the date of supply unless the indenter has already paid at the earlier rates. In other words, the indenter will not be eligible for supply on payment on the plea that the rates prevailing on the date of indent were lower.
- (iv) The SOI reserves its right for differential pricing, such as concessions to Universities, Research organizations, deserving NGO's on the basis of predetermined policies, different prices between single and multiple user licenses etc.

7 **e- Payment:**

Digital maps, on following the procedure, will be made available on variety of media like Compact Disks (CDs), DVD etc. Maps on 1:1M and smaller scale on compressed JPEG format will be available for download *against* online submission of licence agreement and on e-payment. The self-guide provided in www.surveyofindia.gov.in shall enable an indenter to make e-payment and download the requisite maps.

8. **Settlement of Disputes:**

In case any dispute arises on the applicability or interpretation of these guidelines between the SOI and any other person, the matter shall be referred to the Secretary, Department of Science & Technology, Government of India, whose decision shall be binding on both the parties.

9. **Applicability of previous instructions:**

The Ministry of Defence has from time to time issued detailed guidelines on various aspects of map access and use. These instructions shall continue to hold good but for the modifications cited in the NMP.

10. **General:**

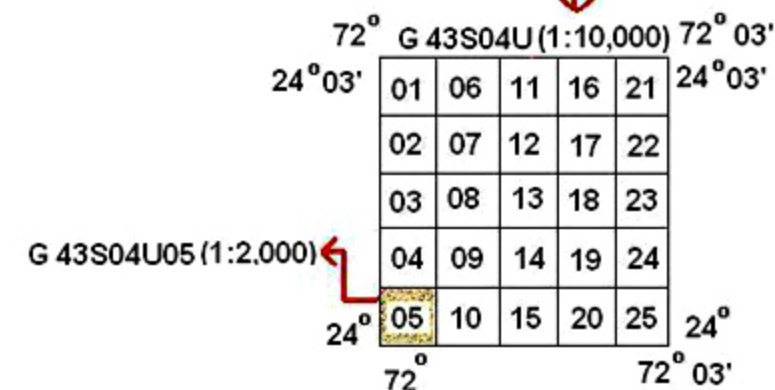
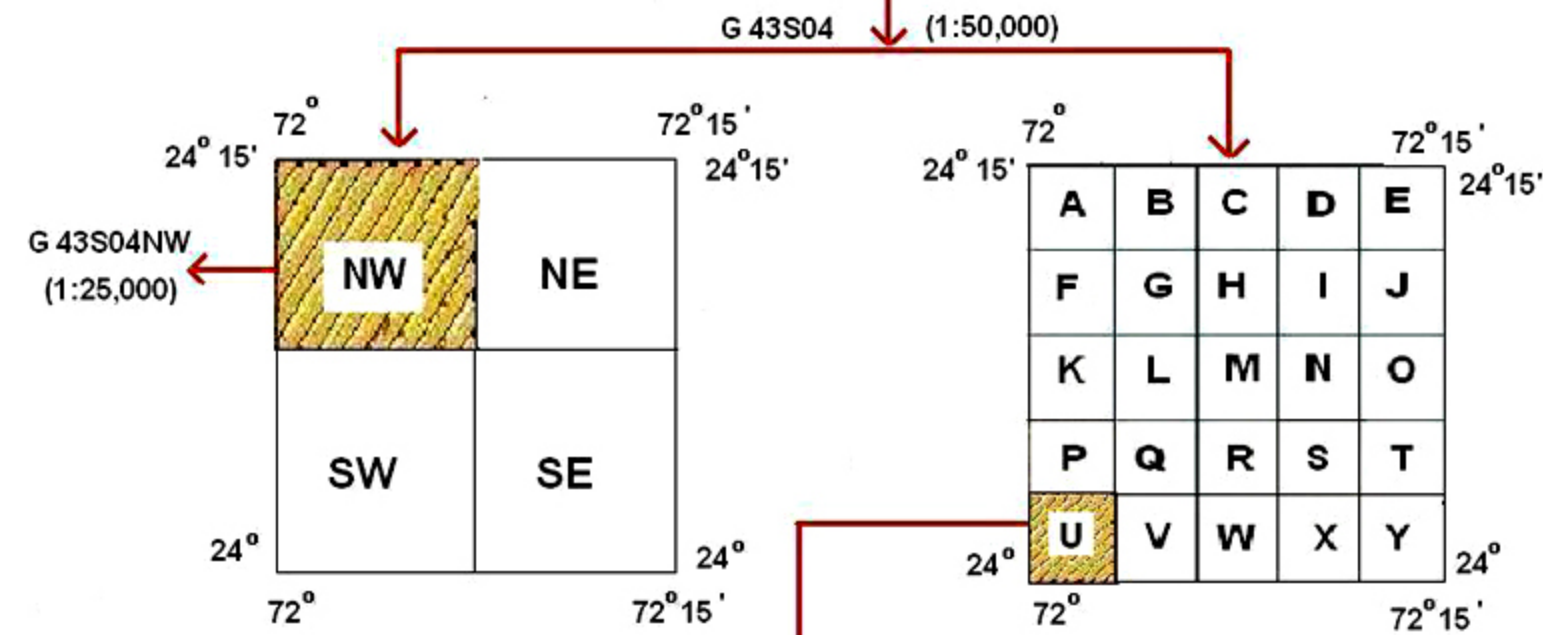
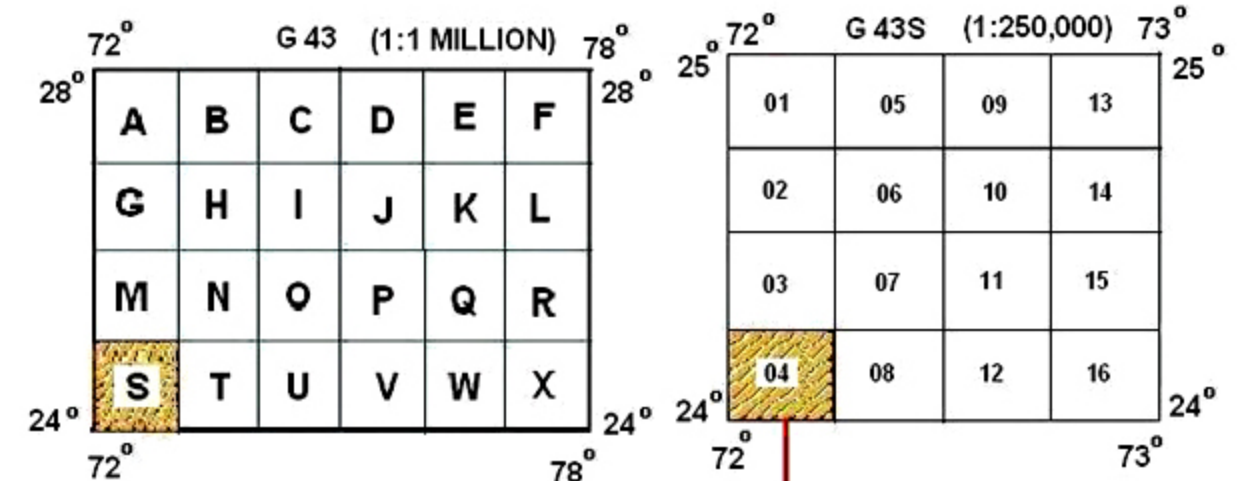
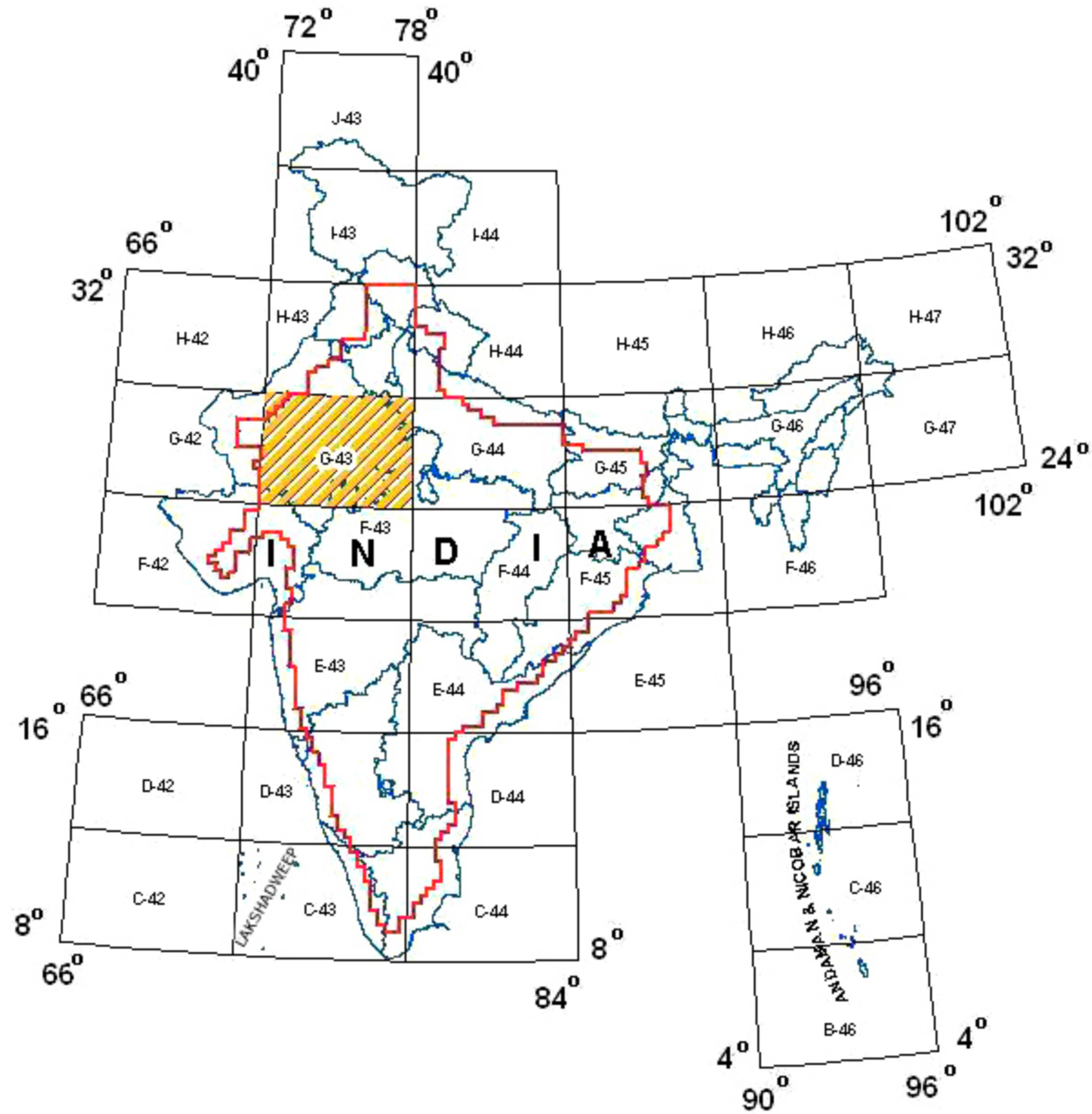
- (i) Copyrights of all SOI maps (both digital and analogue) vest exclusively with the SOI. Any person resorting to unauthorized copying or use or attempts to do so shall make him liable to criminal and civil liability under existing laws.
- (ii) While every effort will be made to ensure availability of maps of all areas containing all necessary details and with highest accuracy, SOI will not be responsible for any loss caused to any person on account of failure on any of the above factors or any other reason.
- (iii) The SOI reserves the right to add, delete, modify amend any or all of these guidelines without notice and without assigning any reason.

शीटों का विन्यास LAYOUT OF SHEETS

अनुबंध 'क'
Annexure 'A'

आधार : विश्व ज्योडीय पद्धति - 84
DATUM: WORLD GEODETIC SYSTEM (WGS)- 84

प्रक्षेप : यूनिवर्सल ट्रान्सवर्स मर्केटर
PROJECTION : UNIVERSAL TRANSVERSE MERCATOR (UTM)



CONTENTS OF OSM

Annexure 'B'

Sl.NO.	CATEGORY/LAYER		SUB DETAILS
1.	GENERAL		Latitude/Longitude Name of State/District/Administrative index Topo sheet Number/Year of Survey/Edition No./Index to topo sheets Magnetic variation from true North direction Map reference Bar scale/Representative Factor
2.	ADMINISTRATIVE BOUNDARIES	Names Boundary Boundary Pillars	Administrative/Locality or tribal International to village, Forest, all boundary pillars, village trijunctions
3.	COMMUNICATIONS/ROADS	Roads Tracks Railways Embankments Other Lines	All Roads All Tracks, pass, footpath All gauges with stations, tunnels Light railways or tramway, All embankments, Road/rail/tank
4.	HYDROLOGY	Stream/Canals Dams Rivers & Banks Wells, Water Features	All streams/canals All earthwork dams All rivers with details, banks, islands All wells/tube wells/springs All Tanks (excluding overhead tanks), Lightship, buoys, anchorages
5.	SETTLEMENT/CULTURAL DETAILS	Towns or Villages Offices Settlements	Village inhabited, deserted and forts Huts, Tower, Antiquities Religious places, tombs/grave All post/telegraphic/Police stations hut All Bungalows
6.	TRANSMISSION LINE		
7.	RELIEF/HYPSOGRAPHY	Contours Sand Features Ice Forms Heights Benchmarks	Contours with sub features All sand features Ice forms (all features) Spot height, Approximate height Bench marks (Geodetic tertiary, canal)
8.	VEGETATION	Plantations, Trees	All trees, Vine on trellis, grass, scrub.
9.	FOREST		Reserved/Protected

* Contours & heights will not be available in restricted zones as per MOD's instructions.

9. मांग-पत्र देने का प्रयोजन
Purpose of Indenting

10. कृपया प्रमाण (प्रूफ) की प्रति संलग्न करें/ Please attach a copy of proof.

10.1. पहचान का प्रूफ/Proof of Identity

पासपोर्ट/पैन/ड्राइविंग लाइसेंस/ राशन कार्ड/मतदाता पहचान पत्र सं० (जो लागू न हो उसे काट दें)

Pass port/ PAN /Driving Licence / Ration card / Voter identity card No. (Strike out whichever is not applicable)

10.2. निवास का प्रमाण/ Proof of Residence

टेलिफोन का बिल/बिजली का बिल/गृह कर बिल सं०/नोटरी शपथ-पत्र (जो लागू न हो उसे काट दें)

Tel. Bill / Electricity bill / House tax bill No. / Notary affidavit (Strike out whichever is not applicable)

11. यदि आप संगठन (ऑर्गेनाइजेशन) हैं तो कृपया निम्नलिखित ब्यौरे भरिए :-

Please fill the following details if you are an organization.

11.1. संगठन का पंजीकरण(रजिस्ट्रेशन) सं०/ Organisation Registration No.

11.2. संपर्क करने वाले व्यक्ति का नाम/Contact person name

11.3. संपर्क करने वाले व्यक्ति की पहचान/Contact person Identification

11.4. संपर्क करने वाले व्यक्ति का पता/ Contact person Address

12. यदि आप छात्र हैं तो निम्नलिखित ब्यौरे भरिए :-

Please fill the following details if you are a student.

12.1. नामांकन संख्या/ Enrollment No.

12.2. पाठ्यक्रम (कोर्स) का नाम/ Course Name

12.3. विषय/ Subject

12.4. शोध कार्य/Research work

12.5. कॉलेज का नाम/ College name

12.6. विश्वविद्यालय का नाम/ University name

12.7. विश्वविद्यालय/कॉलेज का पता(जो लागू न हो उसे काट दें)/ University/College address

(Strike out whichever is not applicable)

12.7.1. शहर / City

12.7.2. राज्य/State

12.8. फ़ैक्स / Fax

12.9. ई-मेल /Email

12.10. वेबसाइट/ Website

13. मानचित्र माँग-पत्र का ब्यौरा/ Details of Map Indent

कृपया अपनी माँगों को दर्शाने के लिए एक या अधिक सूचना भरिए ।

Please fill one or more information to indicate your requirements.

13.1. यदि आप स्थलाकृतिक मानचित्रों के लिए माँग करना चाहते हैं/If you want to indent for Topographical maps.

(i) शीट सं०/ Sheet Nos. _____

(ii) भौगोलिक सीमाएं/ Geographical Limits ऊपरी दाएं (देशान्तर/अक्षांश)

Upper right (long/lat)

निचला बाएं (देशान्तर/अक्षांश)

Lower left (long/lat)

(iii) स्थान/जिला/राज्य / Place/District/State _____

13.3. अन्य मानचित्रों के लिए (कृपया अपनी माँग भरिए) /For other maps (Please fill your requirement)

14. बचनबंध /Undertaking

मैं सत्यनिष्ठा से प्रतिज्ञा करता हूँ कि मेरी जानकारी और विश्वास के अनुसार उपर्युक्त कथन सही है ।

I solemnly affirm that the facts stated above are true to the best of my knowledge and belief.

दिनांक/ Date

स्थान/ Place

हस्ताक्षर/ Signature