

## Minutes of Meeting

### **DILRMP Regional Review Meeting – Mumbai**

**21.08.2024**

A Regional Meeting to review the progress made so far in computerisation and digitisation of Land Records (under DILRMP) and to work out an action plan to achieve the desirable goals within a targeted time frame, on a mission mode, was held on 21.08.2024 at Mumbai. The meeting was chaired by Secretary, Department of Land Resources (DoLR) Shri Manoj Joshi. List of participants is at **Annex-I**.

2. A presentation was made by DoLR on the details of the Financial Incentive Scheme announced in the Union Budget Speech in July 2024. Present status and action plan to achieve the desired goals including target dates as discussed during the meeting is summarised below, State-wise:

#### **3. Maharashtra**

##### **i. RoRs and Cadastral maps:**

- a. **100% RoRs** have been computerised.
- b. **Survey** was done between 1910-1930 and the State has Cadastral maps and Field Measurement Books. Maps will be updated now using latest technologies.
- c. **Integration** of RoR and Maps has been completed in 41,314 villages.
- d. **Maps** upto 1991 have been rescanned and **digitised** in 2020-21.
- e. **Sub-division** of maps has been initiated in 2020 by Geo-tagging of subdivisions done by farmers, creating a polygon, verifying with RoR, Validation on Ground and Hearing objections. Using this process 80-90% of sub-division in villages are found to match but process has not been 100% completed in any village. A Unique GIS-based **e-Mojani 2.0** System (implemented in Dec 2022) provides GIS data of sub-division of land parcels, updates RoRs and enables linking of both.
- f. It was observed that **status of progress in sub-division of maps is not clear**. It was advised to prioritise the work of sub-division and complete it within specific timelines. The State was requested to **share the action plan with timelines** regarding sub-division work.
- g. **Geo-referencing** of village maps has been done in about 770 villages. **IIT Bombay** has been engaged to develop an algorithm for Geo-referencing. The target is to complete Geo-referencing by **March 2025**.
- h. **ULPIN** is not yet implemented. As of now, State allots a unique **11 digit ID** (RPID) to land parcels (not Geo-referenced). ULPIN will be generated along with Geo-referencing by **March 2025**. State will continue to use ULPIN and its own unique ID.

##### **ii. Registration**

- a. **Registration** process is **online** but not yet made paperless.
- b. **E-Registration** process implemented for **first sale of flats** by building promoters is **completely online** and there is no need for individual

buyers to visit the Registration Office. (Nearly 30% registrations done in a year in Mumbai are e-Registrations).

- c. State was requested to examine e-Registration or paperless registration process for individual buyers/ sellers also, including making necessary legal amendments.
- d. **Legacy records** since **2002** (and upto 1985 for Mumbai City) have been digitised and are available for public to search on payment of requisite fees.
- e. Proposal will be submitted for digitisation of remaining legacy records.

iii. **Revenue Court**

- a. **eQJ** (e-Quasi Judicial Court System) has been implemented in the State in 2016 making the revenue court process **online**.
- b. Further improvements like advocate registration, e-filing, e-hearing are under testing and **eQJ 2.0** will be implemented in November 2024 making the revenue court process completely **paperless** and automated.
- c. The State has appointed a committee to **simplify** the Revenue Court process.

iv. **Urban Land Records- pilot**

- a. Three ULBs proposed to DoLR for conducting pilot on **Urban Land Records** are Shirdi, Lonavala and Pandharpur.
- b. The State is already conducting **pilot in 5 ULBs** (Urban Svamitva) using Drone LiDAR survey and proposes to issue property card for each land parcel after concluding the process.
- c. The State is also doing a **pilot of extended city** in Kharadi village of Pune.
- d. It was desired that the **State conclude 100% of any ULB** or even a ward instead of spreading into more area without final conclusion.

v. **General**

- a. **Layout approvals** need to be shared by the Department concerned with the Revenue Department to facilitate superimposing layouts on cadastral maps.
- b. There is a need for creation of a **Unified PMU** at State level under DILRMP considering that multiple departments of the State Government (Revenue, Registration, Survey and probably Urban) are involved in implementation.

#### **4. Madhya Pradesh**

i. **RoRs and Cadastral maps:**

- a. **100% RoRs** available **online** for public and are **digitally signed**
- b. Out of 5.12 crore land parcels, **updated maps** available for 3.56 crore (**70%**).

- c. Ground Truthing work is in progress in all **1321 non-cadastral villages** and digitisation of maps will be completed by **March 2025**.
- d. Digitisation and **updation of sub-division** using rough maps (available with public) has already been started in a campaign mode (with each Patwari assigned 2 villages) and the target is to complete updation of sub-division to reflect actual ownership by **March 2025**.
- e. In **peri-urban** areas, out of 20 lakh RoRs, maps are updated for 12 lakh and needs to be updated for remaining 8 lakh
- f. **Maps** of all remaining 1.56 crore land parcels will be **updated** by **March 2025**
- g. **Re-survey** for upgrading RoRs and cadastral maps is in progress (Ortho image completed and Feature extraction in progress) in 54894 villages and will be completed by **March 2030**.
- h. **Geo-referencing** completed in 55048 (out of 56887) villages. Balance will be completed by **March 2025**.
- i. 3.56 crore **ULPIN** generated out of 5.12 crore RoRs. Balance will be completed by **March 2025**.
- j. **Aadhaar seeding** done in 80 lakh RoRs. Leaving aside the 70 lakh RoRs of Govt Land, Aadhaar seeding in remaining 3.75 crore RoRs will be completed by **March 2025**.

ii. **Registration**

- a. End to end process of **Registration** made **completely online** (Software: Sampada) in all 234 SROs. Required amendments in Acts/ Rules have also been made by the State.
- b. State proceeding to make the Registration process **Faceless** in **eSampada 2.0** (ready for launch).
- c. Registration system **integration** with Land Record System – **100%** completed.
- d. **Legacy records** since **2004** (0.3 crore) has been digitised and made searchable online for public. Entire 1.7 crore legacy records (from **1908**) will be digitised by **March 2027**.

iii. **Revenue Court**

- a. **RCCMS** has been made **completely online** in all 1642 revenue courts in the State right from case registration till sending of court order on Whatsapp/ SMS.
- b. **Cyber Tehsil** has been successfully implemented for mutation of undivided land sale. Cyber tehsil 2.0 will take care of mutation of partial khasra sale also.

iv. **Urban Land Records- pilot**

- a. Three ULBs proposed to DoLR for conducting pilot on **Urban Land Records** are Harda, Chhatarpur and Mandasaur.

- b. In addition, State has **started pilot** and completed drone flying in Naya-Harsood, Shahganj and Dhar Kothi. The Urban land records creation will be completed in these **3 ULBs** by **November 2024**.
- c. State has completed **drone flying** in **34 towns** and ORI production in **12 towns**. Overall, creation of Map 1 will be completed in **50 ULBs** by **December 2024**.
- d. So, in total, the State will be taking up pilots of creation of land records in urban areas in **56 Towns/ULBs**.

## 5. Chhatisgarh

### i. RoRs and Cadastral maps:

- a. **100% RoRs** available **online** for public and are **digitally signed**.
- b. **Integration** of all RoRs with cadastral maps **100%** completed.
- c. **Geo-referencing** of land parcels completed in 10243 out of 20222 villages. Remaining will be completed by **December 2024**.
- d. Geo-referencing is done by superimposing the shape file of cadastral maps on Satellite image and matching 20-25 features.
- e. Procedure for resolving any variation has been issued that actual possession will be basis. It was suggested to do one pilot in one village of resolving objections before scaling it up.
- f. Assigning **ULPIN** to every Geo-referenced parcel will be completed by **June 2025**. It was pointed out that assigning ULPIN will not take much time after Geo-referencing and ULPIN target can be completed by **Dec 2024** itself.
- g. DoLR was requested to consider buying HRSI maps from NRSC and sharing it with States so that there are no gaps in the satellite maps.
- h. **Sub-division** of land parcels completed in **72% land parcels** and will be completed in all remaining by **December 2025**.
- i. DoLR was requested to consider incentivising Ground-truthing on similar lines of Digital Crop Survey incentives.
- j. Survey of **1089 non-cadastral villages** will be completed by **December 2026**.
- k. **Resurvey** and upgradation of RoRs and Cadastral maps is proposed to be taken up from January 2025 and completed by **December 2027**.
- l. **Aadhaar** seeding has been done in **69% RoRs**.

### ii. Registration:

- a. Registration process has been made completely **online** in all 102 SROs. However, making it paperless is yet to be done.
- b. **Auto-trigger** mutation facility is implemented.
- c. **Legacy records** have been digitised from **2017** only. However, search access to public is yet to be provided.
- d. Digitisation of **30 years legacy** records is in progress and will be completed along with public search option by **December 2024**.

iii. **Revenue Court:**

- a. RCMS computerised and made **online** in all 867 Revenue Courts.
- b. Further improvements like e-Sign etc will be done soon. Simplification of Revenue Court Process will also be taken up.
- c. RCCMS fully integrated with Land Records.

iv. **Urban Land Records- pilot**

- a. **Three Towns/** ULBs proposed for Urban Land Records pilot are: Dhamtari, Bastar and Sarguja.
- b. State informed that it will propose **more towns** to take up pilot. It was suggested to include one colony in a bigger city also for the pilot.
- c. The scale of map used for urban is **1:500** while the map used for rural land records was 1:4000 scale.

6. **Rajasthan**

i. **RoRs and Cadastral maps:**

- a. In 4.45 crore out of 4.48 crore Khasra (**99.33%**) the RoRs and sub-division in map **reflects actual ownership**.
- b. **Digitally signed RoRs** are available for public.
- c. **Sub-division not yet updated** in **417 villages**.
- d. **Mutation** application and decision has been made **online** and streamlined on First-In-First-Out basis.
- e. **Survey in 3 non-cadastral** tehsils will be completed by **March 2025** and will be taken up subsequently in remaining 106 non-cadastral villages.
- f. **Resurvey** work approved in 2017 for 33 districts. Draft vectorised map based on satellite image prepared for all villages of **11 districts** taken up in **Phase 1**. Preparation of **final record** will be completed as **pilot** in **4 Tehsils by September 2024** and balance Tehsils in 11 districts will be completed by December 2024. Work of Resurvey will be taken up in remaining 22 districts (Phase 2) thereafter.
- g. Considering that RoRs and maps reflect actual ownership in >99% records, it was advised to **prioritise** addressing problem areas like **survey of non-cadastral rural, peri-urban and urban areas** rather than go in for full scale re-survey of entire districts even **in the 11 districts** taken up in Phase I.
- h. **Geo-referencing** of maps has been completed in **44980** villages out of a total of 48289 villages.
- i. **4.15 crore ULPIN** has been generated so far and the balance (except in 417 villages where sub-division is not yet updated) will be completed by **15<sup>th</sup> September 2024**.
- j. State has taken up proposal under **Section 4(4)(b)(ii) of Aadhaar Act** with MeitY for consent based linking of aadhaar number with land records. DoLR was requested to pursue with MeitY.

ii. **Registration:**

- a. Registration process has been made **online**. **Dynamic templates** are provided for auto-deed generation. However, **print out** is taken for witness signature and it is not yet been made paperless.
- b. **Auto-trigger mutation** facility is implemented in **581 SROs** and is pending in 76 SROs due to some technical issues.
- c. It was observed that auto-mutation is done when entire land parcel is sold but mutation is not reflected in maps in cases of sale of part of land parcel.
- d. **Legacy records from 2015** are digitised and available for online search by public. Legacy records from 2004-2015 are searchable by SRO and will soon be enabled for search for public.
- e. Registration software (e-Panjiyan) is **integrated** with Land Records software (e-Dharti)

iii. **Revenue Court:**

- a. State will be customising the Chhatisgarh RCCMS software and roll-out will be completed by **December 2024**.

iv. **Urban Land Records- pilot**

- a. **Three Towns/ ULBs** proposed for Urban Land Records pilot are: Behror, Beawar and Bagru.
- b. DoLR will request Chief Secretary to decide on the State Department that will spearhead the urban land records project.

v. **General**

- a. DoLR was requested to expedite proposals pending for sanction/ release of **recurring expenditure of State PMU**.
- b. DoLR will be issuing a generic order that once PMU as a component is approved, there will be no further need for fresh approval every year for recurring component of PMU.
- c. Regarding **technical issues** faced in Modern Record Room software, Govt of M.P was requested to provide requisite technical help.

**7. Goa**

i. **RoRs and Cadastral maps:**

- a. Pre-liberation (Portugal) maps are on 1:5000 scale. Survey was started in 1902 and completed by 1908. Based on Revenue Code 1968, RoR and Survey Plan are prepared and made accessible to public.
- b. **100% RoRs** available **online** for public. RoRs are **QR coded** and are valid documents (no need for digital signature)
- c. **Maps** are **updated regularly** and manual maps are dispensed with. Latest Map prepared in 1978 and sub-divisions are up to date. Maps match perfectly with RoRs and reflect **actual ownership**.
- d. **Geo-referencing** of all land parcels has been completed **100%**.

- e. **ULPIN** has been assigned to all land parcels – **100%** completed
- f. Consent based **Aadhaar seeding** work is **ongoing**.

ii. **Registration**

- a. End to end process of **Registration** made **completely online** but process is not paperless.
- b. Approved drafts are made available online to help further process and documents are handed over within one day of registration.
- c. **Legacy records** search is available only from **2018** onwards. Work is in progress in respect of 2006-2018 records.
- d. Registration system is integrated with Land Records. SRO designated as 'mamlatdar' for carrying out **spot mutation**.

iii. **Revenue Court**

- a. **Trial runs** of RCCMS software developed by the State is **in progress** and will be rolled out in one month.

iv. **Future Plan**

- a. Works proposed to be taken up are: Resurvey of the State with Geo-referencing, Geo-fencing of Govt Lands, Preparation of vertical property register, One Map Goa- GIS, a unified portal for locals to utilise precise GIS data for smart lifestyle.
- b. Map 1 of entire Goa has been completed while taking up Svamitva Scheme and only Ground Truthing is pending.

**8. Dadra Nagar Haveli (DNH) and Daman & Diu (D&D)**

i. **RoRs and Cadastral maps:**

- a. **100% RoRs** computerised in all 97 villages and **digitally signed** RoRs available online.
- b. **100%** cadastral maps (59,793 maps/ FMBs in DNH) are **digitised**. However, 48% RoRs (in DNH only) are linked to maps.
- c. **Resurvey** is completed in all **72** villages of DNH (accounting for **74%** area) and final promulgation has been completed in **35 villages**. SDM along with local officials resolved the objections/ disputes.
- d. Work order for **Resurvey** work in Daman issued in July 2024 and is being issued for Diu. The work is expected to be completed in **one year time**.
- e. **Sub-division** of all land parcels as per current ownership **completed** in **DNH** but is yet to be taken in D&D.
- f. DNH is sharing RoR and Maps on same page.
- g. **Geo-referencing** completed in **35 villages** of DNH and is in progress in remaining villages. Geo-referencing will be taken up for D&D after resurvey work.
- h. **ULPIN** generated for **all 67,371** land parcels in **DNH**. Will be done for D&D after resurvey work.
- i. Consent based **Aadhaar** seeding work is in **progress**.

ii. **Registration**

- a. End to end process of **Registration** made **online** (Software: NGDRS in DNH and Sugam in D&D) but not paperless.
- b. Registration system is **integrated** with land records in DNH and Daman. Integration will be done in Diu by **December 2024**.
- c. **Legacy** records since **2000 in DNH** and 2014 in D&D are digitised and searchable by public. Legacy documents from 1987 have been digitised in D&D and will be made available soon to public.

iii. **Revenue Court**

- a. **RCCMS** is under preparation by NIC

iv. **Urban Land Records- pilot**

- a. Three ULBs proposed to DoLR for conducting pilot on **Urban Land Records** are Silvassa, Daman and Diu.

9. All States were requested to take appropriate follow up action and achieve the desired goals expeditiously as discussed in the meeting for Good Quality Land Records. For claiming **financial incentives for 2024-25**, States were informed that they would have to achieve the milestones and submit relevant proposals before 31.01.2025 so that sufficient time is left to verify, process and release the incentives.

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