



# STANDARD OPERATING PROCEDURES RESURVEY OF LAND & PROPERTIES



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## PRE-DRONE FLYING



## I PRE-DRONE FLYING

### Publication of Notification in State & District Gazettes

- 1.1 The Director, Survey, Settlement and Land Records (DSSLR) shall publish notification u/s 5 of A.P. S&B Act, 1923 in the State Gazette, and the Assistant Director, Survey and Land Records (AD S & LR) of respective districts shall get the same notification published in District Gazettes in the name of DSSLR.
- 1.2 The Assistant Director(S&LRs) shall publish notification u/s 6(1) of A.P. S&B Act, 1923 in the two successive District Gazettes with 15 days intervals.
- 1.3 The VST shall notify village wise, date-wise schedule as prescribed by the DSSLR including dates of the survey of:
- ❖ Village boundary and stone plantation along Village boundary.
  - ❖ Government lands in agricultural areas.
  - ❖ Habitation boundary and planting of stones.
  - ❖ Government properties in the habitation area and planting of stones.
  - ❖ Likely dates of drone flying in the village.
  - ❖ Likely dates of ground truthing after drone flying etc.

### Publicity and Communication Activities

- 1.4 The VST shall give wide publicity about the resurvey schedule through the following activities:
- ❖ Display of Gazette Notification U/s 5 and U/s 6(1) of AP S&B Act, 1923 and schedule of resurvey at conspicuous places viz; village secretariat, village chavadi and the places where community regularly gather.
  - ❖ Press releases through DPRO periodically.
  - ❖ Display on the website of CSSLR&CCLA.
  - ❖ Beat of Tom-Tom in the village.
  - ❖ Individual notice about resurvey schedule shall be served upon every individual landholder in that village through village volunteers in **Form-1**.

### Functioning & Connectivity of the CORS Network

- 1.5 Check and ensure the functioning and connectivity of the CORS Network in the flying area using GNSS Rovers as per the check memo prescribed in **Form-2**.

### **Survey of Village Boundary**

- 1.6 The VS shall display the survey notice in the notice board of village secretariats of both the villages in **Form-3**.
- 1.7 The VS shall issue notices to the VROs of both villages in **Form-4** well in advance.
- 1.8 The village survey team refixes the Village boundary with reference to existing traverse data and FMBs and observe the refixed points using Rover in presence of VROs of both Villages and Note Geo-Code data in **Form-5**
- 1.9 The VST shall record the statement of survey and obtain signatures of the VROs of both villages in **Form-6**
- 1.10 Certain village boundaries may be altered due to development of the area and in such cases the village boundary shall be demarcated as prescribed
- 1.11 The VST shall prepare a traverse sketch and traverse data and submit to MS for QC.
- 1.12 The Mandal surveyor shall conduct Quality Check of 10% boundaries.
- 1.13 The Mandal resurvey team shall conduct Quality Check on the village boundary demarcation work of the village resurvey team in **Form-7** and submit the inspection report in **Form- 8**.

### **Survey of Village Site (Abadi/Habitation/Colony/Gramakantam Boundary**

- 1.14 The existing habitation boundary is to be determined by the PR & RD department which may vary with the records available.
- 1.15 There may be more than one habitation/colonies/group of houses in addition to the main village habitation. All such habitations shall be surveyed using post drone ORI image and assigned names as prescribed by the Gram Panchayat.
- 1.16 The VST shall issue notice to the panchayat secretary well in advance for joint survey and for finalization of the new habitation boundary and further collect the geo-coordinate data of the habitation boundary in **Form-9**
- 1.17 The VST and PR team shall jointly identify the newly formed habitations in villages, extended habitations, newly formed colonies (where houses have been built under government schemes), unapproved layouts (outside Grama Kantam and in revenue agricultural lands). Hence, the team shall identify these details and make a note of the same.
- 1.18 The VST shall plant survey stones(B-class) along the newly surveyed village site boundary. The boundaries of the Gramakantam area shall also be marked with limestone powder (chuna marking).
- 1.19 The immovable properties within the village site boundary shall be surveyed separately in due course.



### **Survey of Govt./Govt interested Lands:**

- 1.20 The VST shall also display the general survey notice in village secretariat in **Form-10**.
- 1.21 The VST shall serve survey notices to the nodal officers/Mandal or district level of the departments concerned and obtain acknowledgment in **Form-11**.
- 1.22 The VST shall re-fix all government lands with reference to latest updated FMBs.
- 1.23 The VST shall observe the re-fixed points and collect geo-coordinate data using rover and note in **Form-12**. and prepare Land Parcel Maps (LPM) as prescribed.

### **Plantation of Survey Stones**

- 1.24 The survey stones are basically classified into two categories viz; A-class and B- class stones. Special signs like Plumet hole, Arrow mark, "S"-mark, Parallel lines etc., are engraved on the stones depending upon their usage.
- 1.25 The dimensions of 'A' class and 'B' class stones to be planted are:
- ❖ 'A' class stones (90 X 22.5 X 22.5 cm) at Village Tri-junction points.
  - ❖ 'B' class stones (60 X 15 X 15 cm) at other village boundary points
- 1.26 A-class stones are planted at Village tri-junctions and all other prescribed points are planted with B-class stones.
- 1.27 Every point or vertex of a land parcel having geo-coordinates are considered as virtual stones i.e., any vertex of land parcel can be re-fixed without having physical stone on ground as entire village map is described in geo-coordinate system. Therefore, stones shall be planted in a phased manner to satisfy the land holders, though physical stones are not required in geo-coordinate system of survey.
- ❖ Phase-1: Stone plantation along Village boundary and Govt. lands
  - ❖ Phase-2: Stone plantation at old survey field tri-junctions which are not intact on ground.
  - ❖ Phase-3: Stone plantation at land parcel tri-junctions
  - ❖ Phase-4: Stone plantation at all vertices of land parcel which may be taken up by landholders in due course.
- 1.28 It is preferable to plant survey stones in phase-1 before drone flying as these stones will be used as GCPs and check points for image processing and ORI quality check

### **Selection and Establishment of GCPs and Checkpoints**

- 1.29 Select the existing stones along the village boundary and at tri-junctions of survey number boundaries which are distinctly visible on the image captured by the drone.
- 1.30 Some of the selected points will be used as GCPs to process the drone captured images and the remaining points will be used as checkpoints.

1.31 The selected points shall be uniformly distributed at definite interval to test check the Ortho Rectified Image (ORI) generated from drone images.

### **GCP survey planning**

1.32 The planning of GCPs should be such as to meet the requirements of drone flying and processing of drone images for accurate ORI generation.

1.33 The following are important points that should be considered in GCP survey planning.

- ❖ Mark locations of planted A class and B class stones on the village map to ensure uniform distribution of GCPs.
- ❖ At least 15 to 20 uniformly distributed GCPs are recommended including ORI quality check points for each village covering village boundary and inside village area.
- ❖ To ensure uniform distribution of GCPs, if stones are not available at the desired location, typical checker board can be fixed to ground (as shown below). It is important checkerboards should not be disturbed till drone flying is completed.

1.34 As the size of 'A' class (90 X 22.5 X 22.5 cm) and 'B' class (60 X 15 X 15 cm) survey stones top surface has sufficiently large surface area to mark GCP point and paint stone top surface to identify point of GCP.

1.35 The objective is to create a visible feature on the area that is being flown. The GCP should be visible on the image. If GCP points cannot be clearly seen in the drone image, it cannot be accurately marked during processing.

### **Coding of Ground Control Points**

1.36 Every GCP/Check point shall be assigned an eight-digit unique number as GCP ID. The first three digits shall represent Village Number and the 4th, 5th and 6th digits shall represent the location of GCP. The last two digits shall represent the serial number of the GCP.

1.37 The following abbreviations shall be used to code the GCPs:

- VTJ Village Tri-Junction
- VBJ Village Bi-Junction
- FTJ Survey Field Tri-junction
- OTS Other Permanent Structures

1.38 The example of a GCP Code is **989VTJ12**

Here,

989 is the Village Number;

VTJ is the Village Tri-Junction and

12 is the Serial number of GCP

1.39 The VST shall record the GCPs in **Form-13**



### **Data collection for Quality Check of Ortho Rectified Image(ORI)**

- 1.40 The ORI quality check is considered at two stages, one in computer lab and another on field.
- 1.41 In the computer lab the supplying agency shall conduct quality check and record in **Form-14**.The ORI shall be tested for linear measurements and positional accuracy with reference to the pre determined check points. The ORI shall be delivered for field testing only after passing the lab test .
- 1.42 Immediately after receiving the ORI in soft and hard copy , the Village surveyor and one representative from ORI supplying agency shall jointly conduct quality check on field in **Form-15**.
- 1.43 This team shall measure 4 check points per sq.km., spreading across the village and uniformly distributed in the testing area. In addition to check points linear measurements like inner-to-inner culvert edges, the width of C.C road, bridges width, etc., of those features whose edges can be clearly visible on ORI and ground shall be considered.
- 1.44 The quality check of ORI shall be for linear measurements between any two points and positional accuracy of the check points or selected features by comparing the data observed by rover and data obtained from ORI , the difference between these two modes of data should not exceed the accuracy parameters desired for cadastral surveys.
- 1.45 The geo-coordinates of these check points/selected features will be observed using rover and record in Form – 15B.The same check points/ selected features shall be measured from ORI in Form-15A. Then compare both these measurements and record the feasibility report.
- 1.46 The team shall send the feasibility report to the supplying agency under copy marked to AD (S&LR) of the concerned district and AD, Central Survey Office.
- 1.47 If the difference of these measurements of two modes are within accuracy parameters the ORI is feasible for conducting ground truthing, otherwise return the ORI for reprocessing to generate ORI second time.
- 1.48 Ground truthing shall be conducted using ORI irrespective of pass or fail for accuracy parameters in quality check subject to condition that the supplied ORI shall have good contrast, sharpness and every boundary should be distinguishably visible.
- 1.49 The boundary extraction by vectorization shall only be carried out on ORI giving the desired accuracy parameters i.e., the ORI found feasible in field testing, after completion of ground truthing.

## **Flight planning**

- 1.50 The AD, CSO with the approval of DSSLR shall furnish the geo referenced village maps of the allotted area well in advance to the SoI/selected agency concerned with acknowledgement.
- 1.51 Flight planning is most important to use drone effectively and improve the productivity as well as quality of the images. The seasons, timings, terrain model and crop pattern shall be taken into account for preparing flight planning schedule.
- 1.52 The planning for flying should be of cluster approach to increase the productivity. The selected agency/SoI prepares flight planning schedule well in advance for the drones to cover the whole village including habitation/s fully with reference to the georeferenced village maps.
- 1.53 The selected agency/ SoI shall check the total technical preparedness for drone flying and satisfy themselves for getting good quality images, before drone flying.
- 1.54 The village survey team shall intimate the drone flying schedule well in advance to the village elders and Panchayat secretary in written notice and beat of tom-tom to give wide publicity and awareness.
- 1.55 The selected agency/ SoI shall submit the drone technical specifications, model making and time of drone flying immediately after completion of flying to the village surveyor and obtain the acknowledgement.

**PHASE – II**

**DRONE FLYING & IMAGE  
PROCESSING**



**Drone Flying**

- 2.1 The drone agency should ensure that the GPS instrument used for drone flying is synchronized to CORS network before flying. The agency shall follow the terms and conditions prescribed by DGCA during drone flying and the entire responsibility in this regard is vested with the agency.
- 2.2 The agency shall intimate the drone flying activity to the local SHO, if necessary. The drone flying schedule shall not be changed. In case, the schedule is cancelled or postponed, the agency shall intimate the same to the village survey team and Panchayat secretary.
- 2.3 The selected agency shall update the MIS as and when the flying activity is completed. The ground clearance (2mX2m) may be done around the GCP points (especially at all A class and B class stones) to ensure all GCPs are clearly visible in drone image.
- 2.4 Flight planning may consider the weather conditions like avoiding flying during high wind and clouds.
- 2.5 Drone flying is advisable after crops harvest or during non-crop season. Due to standing crops, parcel bunds may not visible in drone image.
- 2.6 The drone agency should satisfy the successful flying of the selected area as per required parameters and ensure with reference to the flight planning software and submit the report generated therein.

**Drone Image Processing for ORI Generation**

- 2.7 Processing of drone data is done in Processing software at production centre.
- 2.8 Uniformly distributed GCPs at the periphery of village boundary and inside the village area can be selected for ORI processing software.
- 2.9 Ensure sufficient GCPs are marked inside village area to avoid model internal distortion, which results image warping in ORI.

- 2.10 At least 30 to 40 percent GCPs can be reserved as checkpoints for quality checks off ORIs at the processing lab.
- 2.11 To ensure true ground elevation for ORI processing, "High Dense Point Cloud" (option in the computer software) shall be selected for generation of the Digital Surface Model (DSM).
- 2.12 In the DSM models, agricultural crops, plantations, and trees may be potential sources of errors in ORI. Hence, it is recommended to convert DSM to Digital Terrain Model (DTM) using terrain filters provided in the software. Also, remove any sinks and spikes in DTM before ortho-rectification of the images.
- 2.13 The final ORI pixel spatial resolution is to be set to 5cm Ground Sampling Distance (GSD is 0.1mm of scale as ASPS topographic/land survey standards)

#### **Quality check -1(QC-1)**

- 2.14 Quality check at ORI processing centre in **Form-16** should be thorough & complete in all aspects:
  - (1) Geometric quality (2) Image visual interpretation.QC1 may be conducted by ORI generation team.
- 2.15 Each tile shall be numbered as T1, T2, T3, etc., and any key showing the relative position of the particular tile shall be appended on each tile.
- 2.16 An index map covering the entire village in 1:5000 scale and fit into a suitable paper size like A0, A1, A2, A3 shall also be provided.
- 2.17 Detailed ORI quality check (geometric& radiometry) reports can provided to village survey team. Ensure ORI is not pixelated when zoomed at GCP point of survey stones top surface at least 4 times.

#### **Quality check -2(QC-2)**

- 2.18 Quality check at the SOI/ production centre is carried out by comparing the data of ORI with the collected field data in Form -15 and has to be certified by both SoI/Agency and AP survey teams. In addition, distance between GCP points of survey stones can be measured from ORI and compare with distance calculated from corresponding GCPs coordinates. The variation in point position and the distance between two points should be within prescribed accuracy. If the variation exceeds, SoI/Agency has to intensify GCPs for further rectification.
- 2.19 Spatial accuracy assessment of final ORI can be done using Independent GCPs (check points), which are not used for ORI processing. Root Mean Square Error (RMSE) can be calculated. Quality report can include RMSE<sub>x</sub>, RMSE<sub>y</sub> and figure showing graphical representation of distribution of x, y error vector.
- 2.20 ORI technical specifications can be provided to village survey team, specifying ORI image pixel spatial resolution, geometric and radiometric quality & accuracy and spatial coordinate system.

- 2.21 During vectorization, all or required ORI Geo-tiff tiles can be seamlessly loaded in QGIS for generation of seamless village spatial map. Feature extraction of major Topo details shall be as per data model structure. Quality Check of feature extraction shall be done at production centre. ORI quality check can be done by independent quality check team not involved in drone image processing.
- 2.22 Superimpose the village Geo-referenced map **\*.kml** over the ORI. The vectorization of village boundary and whole village habitation with the data shall be provided by Village Survey Team (in red colour).
- 2.23 SoI shall provide the ORI hard copy dividing into tiles as a worksheet, depending upon the area of the village and density of land holdings, covering 40Hect. (Ac.100) for larger extent holdings, 20 Hect. (Ac.50) for smaller extent holdings in each tile of A2 size paper.
- 2.24 The tiles for Village sites shall be relatively on the larger scale to demarcate the property boundaries clearly. Each tile shall be numbered as T1, T2, T3, etc., and any key showing the relative position of the particular tile shall be appended on each tile. An index map covering the entire village in 1:5000 scale and fit into a suitable paper size like A0, A1, A2, A3 shall also be provided.
- 2.25 The record of the ORI delivery & receipt shall be maintained by both SoI and S&LR Dept. with proper acknowledgements as per **Form-17**. The Village Survey Team shall check the technical specifications and QC of the received ORIs as per **Form 18**. The next steps of the SOP for the village habitation will be carried out separately as per the SOP prepared by the Panchayat Raj Department.



**PHASE – III**

**GROUND TRUTHING &  
RECORD PREPARATION**





**Introduction**

- 3.1 Ground Truthing is the verification of individual land parcels and corresponding textual revenue data physically on the ground by the village survey team in the presence of pattadars/stakeholders and record the geo-coordinates of each land parcel based on ORI / GPS Rovers.
- 3.2 The main objective of ground truthing is demarcation of undisputed permanent boundaries of individual land parcels based on ORI, GPS Rovers and POLR data and to assign the Notional Sub division, Chalta Number and Land Parcel Number and to further generate Land parcel Map. The survey team receives all the output proformas of the PoLR phases along the consolidated Form IVA, Webland 1 incremental data and a list of revenue issues of the village as reflected from the PoLR exercise, court judgements etc.
- 3.3 The quality check of ORI shall be for linear measurements between any two points and positional accuracy of the check points or selected features by comparing the data observed by rover and data obtained from ORI. The difference between these two modes of data should not exceed the accuracy parameters desired for cadastral surveys.
- 3.4 The geo-coordinates of these check points/selected features will be observed using rover and recorded. The same check points/ selected features shall be measured from ORI. Compare both these measurements and record the feasibility report.
- 3.5 The team shall send the feasibility report to the supplying agency under copy marked to AD (S&LR) of the concerned district and AD, Central Survey Office.
- 3.6 If the difference of these measurements of two modes are within accuracy parameters the ORI is feasible for conducting ground truthing, otherwise return the ORI for reprocessing to generate ORI second time.
- 3.7 Ground truthing shall be conducted using ORI irrespective of pass or fail for accuracy Parameters in quality check subject to condition that the supplied ORI shall have good contrast, sharpness and every boundary is clearly distinguishable. The boundary extraction by vectorisation shall only be carried out on ORIs giving the desired accuracy parameters i.e., the ORI found feasible in field testing, after completion of ground truthing.

**Possession of equipment**

- 3.8 The village survey team shall have all necessary survey equipment namely, GNSS Rovers, ETS, Chain & Cross staff etc. The quantity/ number of instruments will depend upon the size/area of the village.

### **Formation of Village Survey Teams**

- 3.9 Sub Collector/RDO shall form dedicated Village Survey Team comprising the local VRO & Village Surveyor acting under supervision of a dedicated RI/DT. If required, VROs and Village Surveyors of neighbouring villages shall also be formed into additional teams for assisting the local Village Survey Ground Truthing Team.

### **Formal Notice**

- 3.10 A general notice shall be issued in **Form-19** duly informing the date of commencement of Ground Truthing in the Village duly inviting everyone to be present at their fields.
- 3.11 Formal notice in **Form-20** shall be issued as per entries in POLR and served upon every individual landholder and by obtaining proper acknowledgement.

### **Ground Truthing process**

- 3.12 The Village survey team should
- ❖ Mark all government lands on ORI before proceeding to ground truthing of private lands so that the encroachments into Government lands are not wrongly identified as private land parcels.
  - ❖ Denote the Chalta number on ORI for these government lands in sequence.
  - ❖ Encroachments in Government lands should not be marked as parcels in ORIs.

### **Government lands**

- 3.13 During ground truthing, all government lands shall be identified & verified including lands covered under Section 22(a)(i)(a to e) of the Registration Act, 1908.
- 3.14 The boundaries of the government lands shall be fixed as per original boundaries only. While recording the boundaries of government lands, no separate Chalta Number shall be given even if it is under cultivation/unauthorised occupation/encroachment/grabbing by any individuals.
- 3.15 Utmost care must be taken while dealing with fixation of boundaries to government lands. No government land or part of the government land shall be shown added to any other neighbouring patta or assigned lands. Any deviation to these instructions shall be dealt seriously.

### **Demarcation & PoLR Data verification**

- 3.16 The VST shall prepare a schedule of GT work as per the POLR **Form-21** data.
- 3.17 The VST attends to the ground truthing by involving all pattadars / government depts./all stakeholders as per schedule.
- 3.18 The VST shall determine and records undisputed boundaries of individual land parcels and marks the land parcels having permanent boundaries as shown by the land holders in the ORI.

### Land Parcel Formation

- 3.17 General Rule: Any field with boundaries, as captured by Aerial Survey in ORI Image, shall be a "Land Parcel" and shall be assigned a separate chalta number which shall be further formed into an unique Land Parcel Number for the Village.

#### Exceptions/Special Cases:

The following are some of the exceptions to the above:

- ❖ In case of Government Land encroachment, the Government land boundary shall be clearly demarcated prior to GT of pvt lands. Government lands shall be refixed with reference to the existing records ,data collected by Rover and stones to be planted to ensure that all Govt Lands are fully protected and given separate Chalta Number and no encroachment/occupation is recorded as separate Number.
- ❖ When a farmer who has two contiguous Land Parcels, puts in an application that the boundary is temporary and request the two fields to be treated as one Land Parcel.
- ❖ Where the map shows one "Land Parcel" (like a large fish tank, mango plantation etc.) but is owned by different Owners, applications will be taken from each Owner showing the boundary and separate LP will be created for each Owner during Ground Truthing and separate Chalta Number shall be assigned.
- ❖ Joint Pattadars – If the pattadars doesn't split the joint patta. Take action as per the Splitting of Joint Pattas Act. If they insist continuing the Joint Patta – The software allows to have multiple owners under a Single Khatha with Single LPM.
- ❖ Joint Cultivation – Where the cultivation is joint and where the Pattadars respond and show their boundaries of division action shall be taken to create separate LP for each of the Pattadars. If the pattadars do not come forward to show their boundaries, the software allows to have LPM Number containing more than one Khatha – but Joint Cultivation shall be written in the REMARKS Column.
- ❖ One LPM shall have only one 'Land Nature'. If more than one Land Nature is given a common LPM, necessary action shall be taken to make separate parcel based on the the nature.
- ❖ One LPM shall have only one 'Land Classification'. If more than one Land Classification is given a common LPM, either make the classification as single category after duly verifying field usage. It is suggested not to create new LPMs in this regard
- ❖ Nature of Land Use – For Agriculture & Non-Agriculture Lands separate LP shall be made.

- 3.18 The VST shall Demarcate and collect the Geo-codes data of the land parcels using Rover / ETS, for the following cases as additional information: -

- ❖ Missing or not visible boundary points on ORI: Wherever the Field boundary points/boundaries are not distinctly visible in the ORI, due to the presence of Orchard, Coconut gardens, bushes,tree shades etc GNSS Rovers/ETS instruments shall be used to collect Geocode data and these are filled in **Form-22**.
- ❖ Division of joint fields on request of the Joint land holders: If the land parcel is jointly cultivated by two or many and with separate entries in Adangal,

the single land parcel appearing in ORI may be made 2 or 3 parcels as per the request of the ryots in **Form-23**. In such cases, demarcate the new boundaries on field in their(Land holders) presence and collect the geocode data for the new boundaries with the Rovers and note in Form-22 Duly mark a dotted line where ridges do not exist on ORI hardcopy for the boundaries demarcated on request.

3.19 Division of amalgamated fields with reference to the existing record or as per the willingness of landholders, on request in **Form-24**.

3.20 Where boundaries do not exist and not possible to construct a ridge on the ground (aquaculture lands, gardens etc.,).

- ❖ Digitize the requested fields in CADD/GIS software and geo-reference with the ground geo-codes.
- ❖ As per the willingness of Landholders by referring the survey records, create divisions and collect the Geo-Codes on the screen of the created sub-divisions and enter the data in Form-15
- ❖ Duly mark a dotted line where ridges do not exist on ORI hardcopy.
- ❖ Duly marking Land Parcels on ORI hard copy, assign chalta number to each parcel on ORI hard copy and also make entry of that chalta number against the entry of that parcel in the work sheet of the PoLR in **Form-21**

3.21 Any variations observed with reference to the PoLR entries and enjoyment shall be separately noted in the supplied PoLR worksheet. Additional land attributes of the respective LP shall also be noted.

3.22 All individual landholding field boundaries as shown by the landholders shall be demarcated on ORI to reflect the true ground position of individual land parcel. All land holding field boundaries must be properly demarcated.

#### **Boundary Disputes**

3.23 While Ground Truthing is in progress, Whenever any land holder's request is received in **Form-25** for boundary dispute, the village team conducts a detailed enquiry as per the procedure discussed in Chapter of boundary disputes

#### **Quality check of Ground Truthing and Additional/missing information**

3.24 The Mandal team consisting of Dy. Tahsildar and Mandal Surveyor shall check the quality of the ground truthing carried out as per the prescribed process.

- ❖ All the additional information obtained during the ground truthing exercise, both in the remarks of the PoLR and ORI shall be 100% scrutinized by the Mandal Team and record variations, if any in **Forms 26 and 27**.
- ❖ Such quality checked information shall also be checked randomly by the Tahsildar, Dy. Inspector of Survey and the RDO/Sub-Collector and record variations if any in **Forms 28 and 29**.
- ❖ Final outputs of GT

3.25 Spatial records at District processing Unit/by Agency/SOI:

- ❖ LPNs shall be assigned for all marked ORIs with chalta numbers.
- ❖ All marked tiles with chalta numbers by individual teams shall be posted on the index map so that LP numbers can be assigned to the chalta numbers.
- ❖ For each village, the LP numbers shall be allotted sequentially from north-west corner to south-east corner.
- ❖ The LPs shall be numbered in two series (Chalta Number to LP Number). There shall be two series of LPs, one for the whole village including Gram Kantam (assigning one number to Grama Kantam) and the second one is the series for the properties in the Gram Kantam.
- ❖ The vectorization and generation of LPM records shall be carried out at DPUs from which an Area Statement will generated in **Form-30**
- ❖ Correlation statement shall be generated by village team for Chalta Nos, LPNs and old survey sub-division numbers in **Form-31**
- ❖ Textual Record (Preliminary Field Register) at Tahsildar office
- ❖ Form VIA to be submitted to the Tahsildar for the conduct of inquiry and finalization of the variations found during ground-truthing.
- ❖ Generation of preliminary Field Register both LP wise-**Form-32** & and Sy no wise in **Form-33**

*Note: The Correlation Statement is an important document that has to be prepared by the DPU after the GT. This Statement reflects the relationship between the LPNs and the corresponding old survey sub-division numbers*

*Adequate attention shall be given to preparing the Correlation Statement. Every single entry (sub-division) that appears in the existing revenue accounts and every inch of land (that exists in the base records) should be accounted for. All these exceptions would imply variations in the number of land parcels that appears in the revenue accounts. Often, a single sub-division of the previous survey will comprise several parts of sub-divisions in the resurvey, and on the other hand, some parts may lie in different fields also.*

### **Preparation of Preliminary Records**

3.26 The preliminary records to be generated after ground-truthing are:

- ❖ Preliminary Field Register (Textual Record)
- ❖ Spatial Records: The following documents will be provided for the vectorization of spatial records.
  - Marked ORI Hard copy
  - Geo-codes of land parcel on decision u/s10(1) during ground-truthing
  - Additional/missingng information

3.27 The data processing unit (vectorization team) will

- ❖ Vectorize the marked ORI to provide updated vector data.
- ❖ Numbering of Land Parcels (Chalta Number to LP Number) There shall be two series of LPs.one for the whole Village including Gramakantham assigning one number to Gramakantham. The second one is the Lp number

series for the properties in the Gramakantham

- ❖ Generate the village map with LP Numbers.
  - ❖ Prepare the Correlation Statement of Chalta number and its corresponding LP no. with the extent in excel format.
  - ❖ Each LP number shall have the geo-coordinates, extent, and corresponding Sy.no/Sub.div.
  - ❖ Generate the area comparison statement of the ORI to the area recorded in the updated PoLR record. (Area comparison Statement)
- 3.28 The preliminary Records for ground validation to be generated in both Soft & Hard copies include:
- ❖ Village map with LPMs.
  - ❖ Correlation Map
  - ❖ LPMs
  - ❖ Traverse map of Village Boundary
  - ❖ Traverse map of Habitation Boundary
  - ❖ Correlation and Area Comparison statement
  - ❖ Preliminary Land Register (Form 32 and 33)
  - ❖ Correlation and Area Comparison statement to be supplied to incorporate the areas and LP Nos in the Textual Records
- 3.29 Prior to Ground validation, all spatial records shall be checked to ensure that all LP numbers are accounted for in the records and their attributes are properly linked, they are numbered and followed the sequence. It should also be ensured that there are no gaps/overlaps exist in records.
- 3.30 The online correlation Statement entry module has been provided to Village Surveyors login.

### **Quality Check**

- 3.31 After completion of ground truthing data processing, the correlation reports comparing the land extents and land nature in Webland RSR, Webland Adangal and PoLR data duly updated during ground truthing can be generated (separately for government and private lands) for quality check.

**PHASE – IV**

**GROUND VALIDATION &  
RECORD PREPARATION**

**Survey, Revenue, PR & RD**





## PHASE IV-GROUND VALIDATION

### Introduction

4.1 Ground Validation is the process of formal confirmation of the each individual land parcel boundaries and area excluding those in legal court, through physical verification on the ground by the village survey team in concurrence with concerned pattadards or Govt. departments or other stakeholders. In case of any disagreement, that particular land parcels boundaries are re-measured physically by rovers or by traditional survey methods and further efforts shall be made to resolve.

### Documents for Initiation of Ground Validation

4.2 The following documents prepared during the ground truthing will be required for initiation of ground validation by the village survey team

- ❖ Preliminary field Register (Form -32 and 33)
- ❖ Preliminary Village Map (including LPMs) on ORI
- ❖ Additional/missing information in ORI, if any, filled by the village survey team or if any or if any data collected in Ground Truthing is changed due to remeasurement

### Formal information to Landholders

4.3 A general notice in **Form-34** to attend for ground validation shall be given by the village survey team by conducting gram sabha and displaying this information at conspicuous places in the village. The information will also be uploaded to the website of CSSLR. Publicity will be given in the village by the beat of Tom-Tom and displayed on the notice board of the office.

4.4 A formal notice to attend ground validation shall be given by the village survey team to all the landholders in **Form-35** and to government land departments in **Form-36** mentioning the date and time of the schedule.

### Ground validation process

4.5 The village survey team shall again visit the land parcels with the concerned landholders/departments/stakeholders who did not accept to the extent arrived after ground-truthing.

### Stone Plantation

4.6 For those landowners who , agreed for the arrived extents, stone plantation shall be taken up immediately. For the remaining parcels it shall be taken up after finalization of their appeals.

4.7 A proper register may be maintained in the Mandal office regarding the stones supplied to each village, type of the stones, stones planted, balance available etc.

4.8 For landowners who do not accept to the area of the land parcel arrived, measurements may be done by GNSS Rover/ETS/Tape.

4.9 For any other data where there is a non-satisfaction, appropriate action may be taken under the provisions of Act/Rules/G.O.s. All efforts should be made to resolve the non-agreement except those, which are pending in court/revenue cases.

**Additional Information from Ground validation**

4.10 Additional information to be collected by the village validation team for the following:

- ❖ Any further corrections in Preliminary Field Register in **Form-37**
- ❖ Variation in geo-codes for which correction is required in **Form-38**
- ❖ Variation in the correlation of the sketch wherever corrections are required.

**Quality Check of Ground Validation and Additional Information**

4.11 There shall be a Mandal level quality check team who notes the variations in the remark's column in Forms -37 and similarly divisional level quality check team.

4.12 The teams constituted at Mandal and divisional levels check the ground-truthing, ground validation works of village teams, and also the quality of records generated to the prescribed percentage.

4.13 Such quality checked information shall be also checked randomly by the Tahsildar, Deputy Inspector of Survey, the RDO/ Sub-Collector and AD, SSLR/ Joint Collector. **On due certification, the records shall be submitted to the District processing team/Agency.**

**Data Processing and Updation after Ground Validation:**

4.14 The following documents will be updated by the data processing unit.

1. Preliminary Land Parcel Maps
2. Preliminary Village Map (1.0V)
3. Preliminary Correlation Map

**Generation of Draft Register**

4.15 The following documents will be provided to designated unit of Andhra Pradesh for updation in the field register

1. Preliminary Field Register-**Form-32** (LPN-wise) & **Form-33** (Survey No-wise)
2. Additional/missing information found during ground validation in Field Register (**Form-37**)
3. Additional/missing information found during ground validation of Land Parcel Maps (**Form-38**)

4.16 All necessary records as per additional information received in ground validation (spatial data) and in PoLR data will be updated by following due procedure and will be reflected in the preliminary field register.

4.17 The following records will be generated upon the completion of the process outlined above:

1. Draft Land Register (**Form-39**)
2. Draft Land Parcel Maps
3. Draft Village Map.
4. Draft Correlation Map.
5. Correlation Statement.

**Quality Check and Updated Draft Records**

- 4.18 The above records will be provided to the Mandal, Division, District Teams to conduct quality check

Certification of the Draft Records wide check memos **Form-40** by the Mandal Team, **Form-41** by the Divisional Team and **Form-42** by the District Team.

- 4.19 The updated records received from the revenue team will be sent for the generation of 9(2)/10(2) Notices for agricultural lands.

**PHASE – V**

**BOUNDARY DISPUTES  
&  
APPEALS**



**Notification of Competent Authority for Disposal of Appeals**

- 5.1 With the outputs of both spatial and textual data generated from Phase I to Phase V of the resurvey, the village survey team shall now initiate the process of issuance of statutory notifications under the Andhra Pradesh Survey and Boundaries Act, 1923.
- 5.2 The Government has appointed the Deputy tahsildars, Mandal Revenue Office, as Deputy Tahsildars (Re-Survey) as Special Executive Magistrates w.e.f 21.12.2020 (prescribed Officer u/s 11 of the 1923 Act) till the completion of the Resurvey programme in their respective Mandals.
- 5.3 The Deputy Tahsildars are conferred with certain powers delegated under (1) the Code of Criminal Procedure, 1973 (Central Act 2 of 1974) (2) AP Survey & Boundaries Act 1923 and (3) AP Rights in Land and Pattadar Passbooks Act 1971. They shall exercise powers as per the amendment rules carried to Sec 26(2) of AP Survey and Boundaries Act 1923 (GO 378 Rev (Lands. IV) Dept dt 17.12.2020.

**Boundary Dispute and Statutory Notices:**

- 5.4 The Investigation and settlement of disputed boundaries under S&B Act of 1923 rests with the Survey officers.
- 5.5 Following are the classes of cases which survey officer/Mandal mobile Magistrate will have to deal
1. Disputes under sec 10(1)
  2. Appeals under sec 11 from decision under section 10(1)
  3. Appeals under sec 11 from decision under section 9(1)
- 5.6 Cases under class (1) will lie to the Village Survey team conducting resurvey
- 5.7 While the cases under class (2) & (3) will lie to the Special Executive Magistrates.
- 5.8 On completion of the measurements of the fields, the Survey Officer shall record his decision under section 9(1) determining as correct and undisputed all boundaries in respect of which no dispute is brought to his notice. Notice of every decision of the Survey officer under section 9(1) shall be given to the Registered holders of the lands the boundaries of which may be affected by the decision. These notices are issued under Section 9(2)
- 5.9 While Ground Truthing / Ground Validation is in progress, whenever any land holder has a reason to believe that the demarcation made by the surveyor is incorrect, he need not wait for the final notice i.e under section 9(2) but may prefer a complaint at once even while the field work is in progress.
- 5.10 His complaint is to be received in **Form-25**
- 5.11 The Village Survey team shall then take action under section 10(1) make the necessary enquiry, by issuing Notices to the effected party(s) in **Form-43.**, and accordingly record his decision in **Form-44** by deciding and determining the

boundary, under section 10(1) of AP, S & B Act. The survey officer shall record in writing the reasons for his decision. The data of the new boundary shall be recorded and marked on ORI hard copy & in **Form-45**. Notice of every decision of the survey officer under section 10(1) shall be given to the registered holders of the lands affected under section 10(2).

5.12 Ensure the decision of Survey officer u/s 9(1) and 10(1) is communicated to the parties as notices u/s 9(2) or 10(2) in **Form-46** and **Form-47** respectively, duly communicating the decisions to the registered landholders and to the parties of the dispute respectively.

5.13 **Substitute Service:** When the registered holder or other person on whom any of the notices or communications referred to in the foregoing rules is to be served is absent, service may be effected by delivering the notice or communication to some adult male member of his family at his usual place of abode or to his authorized agent or by affixing it on some conspicuous part of his last known residence or on some conspicuous part of the land to which the notice or communication relates or by sending it to him at his last known place or residence by Registered post, Acknowledgement due. When service is effected by so affixing the notice, the serving officer shall note the method of service on the printed form of acknowledgment which is returned to the officer issuing the notice or communication.,

#### **Appeals Phase**

5.14 Any registered holder affected by a decision u/s 9; any registered holder or any other person who is a party to the dispute u/s 10 may file appeal u/s 11 in **Form-48** to the Appellate Authority (Special Executive Magistrates). The system is being worked out to receive these appeal petitions in the Village Secretariat itself.

5.15 The mobile magistrate team shall receive the appeals, verify each of the appeals, hear the Pattadar/person, conduct an enquiry, field inspection and issue speaking orders. A computer software will be in operation for the Registration of the appeals, fixing of the hearing dates and field inspections and uploading of orders.

5.16 The following Forms shall be utilized to process enquiry and decision  
**Form-49** Endorsement for not admitting appeals u/s 11  
**Form-50** Endorsement returning the petition u/s 11 for resubmission  
**Form-51** Notice to survey on appeal u/s 11  
**Form-52** Notice to plaintiff – if conducts court  
**Form-53** Summon to defendant  
**Form-54** Summon to witness  
**Form-55** Decision of Survey Officer on appeals u/s 11  
**Form-56** Applications to obtain copy of decision/order by Survey Officer

#### **Disposal of Appeals**

5.17 All the received appeals have to be disposed within 30 days from the date of filing the appeals. The appeals approved by the Special Executive Magistrates should be recorded in to DLR.

### **Orders of Appeals**

5.18 Special Executive Magistrates shall pass necessary orders U/S 11 for appeals on notices U/s 9(2) or 10(2) for disputed LPs by refixing the bund with existing records and if it cannot be refixed by amicable manner or by mutual consent, the parties may appeal in Civil Court as a Civil Dispute.

5.19 The Orders of the Special Executive Magistrates reflecting any changes in the records have to be incorporated in both the spatial and textual records as well communicate the orders in the form of decision to the parties in Form-55 .

### **Data Updation after Appeal**

5.20 After the final Quality Check, the entire spatial records shall be submitted to data processing team for Updation of the spatial data, wherever changes occurred during redressal of Appeals.

5.21 The selected attributes will be attached to LPM soft data in GIS software by the Data Processing unit as provided by AP.

5.22 The Tahsildar will update Textual data by following statutory procedure and finalise the Resurvey Land register.

### **Preparation of Final Records for Notification**

5.23 The survey records and the land records has to be transferred to the newly created permanent database of survey and land records.

5.24 A Unique land parcel ID will be integrated into each parcel number which will become like Aadhar number for each land parcel.

5.25 The following permanent survey and land records shall be prepared for final Notification by the competent authority, Assistant Director S&LR.

1. Traverse maps of VB (Appendix-1)
2. Traverse maps of HB (Appendix-2)
3. Land Parcel Map (Appendix 3)
4. Village map (Appendix 4)
5. Correlation Map (Appendix 5)
6. Stone Map (Appendix 6)
7. Village Map on ORI Background (Appendix 7)
8. Resurvey Land Register **(Form-57)**
9. Correlation Statement (Form - 34)
10. Area Statement



**PHASE – VI**

**FINAL RECORDS &  
NOTIFICATION**



## STATUTORY NOTIFICATIONS

- 6.1 The Assistant Director shall prepare Final Check Memo in **Form-58** after verifying the entire resurvey records.
- 6.2 The Assistant Director shall notify completion of the survey of the village u/s 13 of S&B Act in **Form-59**
- 6.3 After the publication of u/s 13, the notified Survey and land record shall become the permanent resurvey record and will be maintained in a newly created permanent database.
- 6.4 Any person aggrieved by the orders of Special Executive Magistrates can prefer a civil suit as per the provisions of section 14 of AP Survey and Boundaries Act.

### **Maintenance of land records**

- 6.5 The new permanent database will have adequate integration of sub division/amalgamation of land parcels, Registration/Succession and mutations so that the data is in a purified manner at all times. The Unique ID of the Land parcel will also have the appropriate system so that all sub divisions/ amalgamations are properly accounted for.

**Form - 01**  
**రశీదు**  
**( గ్రామ వాలంటీర్లు చే )**

జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_  
గ్రామము నందు శ్రీ/శ్రీమతి \_\_\_\_\_ గ్రామ వాలంటీరు ప్రతి  
ఇంటిని సందర్శించి సర్వే జరుగు వివరాల జాబితాను ది \_\_\_\_\_ నుండి  
\_\_\_\_\_ వరకు జరుగునని వివరించి మాకు తెలియపరిచారు.

వరుస సంఖ్య	భూ యజమాని పేరు	సంతకం	తేదీ

గ్రామ వాలంటీరు సంతకం  
గ్రామ వాలంటీరు పేరు:

**FORM - 2**  
**FUNCTIONING OF CORS NETWORK**  
**CHECK MEMO**

<b>District:</b>	<b>Mandal:</b>	<b>Village:</b>
1	Base Station Code	
2	Date & time of Reporting	
3	Status of Power supply	
4	Functioning of Solar Panel	
5	Status of internet connectivity i) Broad Band ii) GPRS	
6	No. of satellites available at time of inspection	
7	Floating error recorded	
8	General remarks on Functioning of Base Station:	

Signature of Village Surveyor

**FUNCTIONING OF GNSS ROVER SYNCHRONISED TO AP CORS**

<b>District:</b>	<b>Mandal:</b>	<b>Village:</b>
1	Date & time of Reporting	
2	GNSS Rover Registration Code	
3	GPRS Service	
4	GPRS Signal strength	
5	No. of satellites available at time of checking	
6	Floating error recorded	
7	General remarks on Functioning of Rover:	

Signature of Operator

Designation:

### ఫారం - 3

#### గ్రామ సరిహద్దు నిర్ధారణ చేయుటకు జారీచేయబడిన సాధారణ నోటీసు

1. శ్రీయుత సహాయ సంచాలకులు, సర్వే మరియు భూమి రికార్డ్ వారు ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 కు ప్రకారం జారీ చేసిన 6 (1) నోటిఫికేషన్ ఆర్డర్ నెం \_\_\_\_\_, తేదీ \_\_\_\_\_ అనుసరించి \_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_

గ్రామం యొక్క గ్రామ సరిహద్దు నిర్ణయించుటకు ది. \_\_\_\_\_ న \_\_\_\_\_ గం. నుండి సర్వే పనులు ప్రారంభించబడును అని తెలియచేయబడినది.

2. గ్రామ సరిహద్దును నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి పైన పేర్కొన్న తేదీ మరియు సమయానికి సరిహద్దు దారులు అయిన భూ యజమానులు మరియు ఆసక్తిగల వారు, సర్వేకు హాజరు కావాలని, తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా తెలియచేయబడినది.

స్థలం :

గ్రామ సర్వేయర్

తేదీ:

#### ఇందలి ప్రతిని తగు సమాచారం నిమిత్తం

1) శ్రీయుత సర్వే సహాయ సంచాలకులు వారు \_\_\_\_\_

2) శ్రీయుత తహశీల్దార్ వారు \_\_\_\_\_

గమనిక: కార్యాలయము నోటీసు బోర్డ్ నందు నోటీసును ప్రదర్శించవలెను

.....

### ఫారం - 3a

#### రశీదు

\_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామము యొక్క గ్రామ సరిహద్దు నిర్ణయముపై జారీ చేసిన ఫారం - 4 నోటీస్ ముట్టినది.

స్థలం :

సంతకము :

తేదీ:

పేరు :

హోదా/వృత్తి :

## ఫారం - 4

### గ్రామ అధికారులకు నోటీసు

To:

గ్రామ నెం & పేరు: \_\_\_\_\_

గ్రామ నెం & పేరు: \_\_\_\_\_

గ్రామ నెం & పేరు: \_\_\_\_\_

గ్రామ నెం & పేరు: \_\_\_\_\_ యొక్క గ్రామ అధికారులు

1. శ్రీయుత సహాయ సంచాలకులు, సర్వే మరియు భూమి రికార్డ్ వారు ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 కు ప్రకారం జారీ చేసిన 6 (1) నోటిఫికేషన్ ఆర్డర్ నెం \_\_\_\_\_, తేదీ \_\_\_\_\_ అనుసరించి \_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామం యొక్క గ్రామ సరిహద్దు నిర్ణయించుటకు ది. \_\_\_\_\_ న \_\_\_\_\_ గం. నుండి సర్వే పనులు ప్రారంభించబడును అని తెలియచేయటమైనది.

2. గ్రామ సరిహద్దును నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి పైన పేర్కొన్న తేదీ మరియు సమయానికి సర్వేకు హాజరు అవ్వవలసినదిగాను, తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా తెలియచేయటమైనది.

స్థలం :

గ్రామ సర్వేయర్

తేదీ:

ఇందలి ప్రతిని తగు సమాచారం నిమిత్తం

1) శ్రీయుత సర్వే సహాయ సంచాలకులు వారు \_\_\_\_\_

2) శ్రీయుత తహశీల్దార్ వారు \_\_\_\_\_

### ఫారం - 4(a)

రశీదు

\_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామము యొక్క గ్రామ సరిహద్దు నిర్ణయముపై జారీ చేసిన

ఫారం - 3 నోటీస్ ముట్టినది.

స్థలం :

సంతకము :

తేదీ:

పేరు :

హోదా/వృత్తి :

<b>Form - 5</b> <b>Geo - Coordinate Data of the Village Boundary</b>
---

<b>Name of the Mandal</b>	:
---------------------------	---

No. of Tri junctions :

**Geo cod data observed using GNSS Rover (Model & No.):**

[illegible]



**FORM -6**

**CONSENT FORM VILLAGE AUTHORITIES**

*(Rule- 5, Chapter- III)*

I, the undersigned Village Revenue Officer of ..... Village, (No. ),  
..... Mandal ..... District do hereby acknowledge that the authorized survey  
marks, in number as specified below, have been fixed on the village boundary between  
..... Villages, and we agreed to village boundary surveyed by ..... surveyor and accept  
the responsibility of preserving the said marks in good order.

No.of 'A' class stones:

No. of 'B' class stones:

No.of Rock marks :

Signatures of

1. Village Revenue Officer of ..... village
2. Village Revenue Officer of ..... village
3. Village Revenue Officer of ..... village

<b>Form - 7</b> <b>Quality Check of the Village Boundary Demarcation</b>
---

Name of the Mandal :
----------------------

Name of the Village :
-----------------------

No. of Trijunctions	:
---------------------	---

No. of points	:
---------------	---

<b>Geo cod data observed to :</b>							

[illegible]

**FORM-8**  
**VILLAGE BOUNDARY INSPECTION REPORT**

I have conducted field inspection of Village Boundary between \_\_\_\_\_ and \_\_\_\_\_ Villages \_\_\_\_\_ Mandal \_\_\_\_\_ District, on Dt: \_\_\_\_\_ in the presence of \_\_\_\_\_.

The details of inspection are as follows:

1. GNSS Rover Codes used by Surveyor :

2. GNSS Rover Codes used by Inspecting Officer :

3. Whether coordinate data of both GNSS Rovers tallied or not, Yes/ No.

Remarks(If not tallied) :

4. Whether any over-lapping/ gaps of boundaries were observed during inspection

5. What is the quality of work done by the Village Surveyor

6. Reasons for deviation of the original boundary

7. Whether outturn realized as per norms or not.

8. Reasons for less/ high out Turn

9. Whether corrections are carried out as per Inspection Report

10. Details of corrections Attended

11. Certificate of correction by inspecting authority :

Sl.No.	As per Village Surveyor Survey		As per Field Inspection		Remarks	
1	Total No. of Survey Stones Measured	Details of Survey Marks	No. of Stones inspected	Details of Survey Marks		

S.no	Geo Codes of Survey Marks		Geo codes observed at the time of inspection		Difference	
	X	Y	X	Y	X	Y

Inspected by :

Signature :

Name :

Designation :

**Form - 9**  
**Geo - Coordinate Data of the Village Habitation Boundary**

Name of the District:

**Name of the Mandal:**

**Name of the Village:**

**Name of the Village Habitation:**

No. of points:

**Geo cod data observed using GNSS Rover (Model & No.):**

[illegible]

## ఫారం - 10

### ప్రభుత్వ భూముల సర్వే కోసం సాధారణ నోటీసు.

(నోటీసు బోర్డులో ప్రదర్శించబడే నోటీసు)

1) సర్వే సహాయ సంచాలకులు వారి నోటిఫికేషన్ ఆర్డర్ నెం \_\_\_\_\_, తేదీ \_\_\_\_\_

అనుసరించి, \_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం,

\_\_\_\_\_ గ్రామములో ప్రభుత్వ భూముల సీమా నిర్ణయం (demarcation) మరియు సర్వే పనులు  
ది. \_\_\_\_\_ న \_\_\_\_\_ గం. ని.లకు ప్రారంభించబడును అని తెలియచేయటమైనది.

2) ఇందు మూలంగా తెలియజేయునది ఏమనగా సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు  
అనుసరించి ప్రభుత్వ భూముల సరిహద్దులను నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి పైన పేర్కొన్న తేదీ  
మరియు సమయానికి క్రింది తెలిపిన సర్వే నెంబర్ ల సరిహద్దు దారులు మరియు ఆసక్తిగల వారు, సర్వేకు హాజరు  
కావాలని, తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా  
తెలియచేయటమైనది.

సర్వే నెంబరు	వర్గీకరణ	స్వభావం	నోడల్ అధికారి, విభాగం

3. నోటీస్ యొక్క ప్రతిని సంతకం చేసి తిరిగి పంపించవలెను

స్థలం :

గ్రామ సర్వేయర్

తేది:

పేరు:

*గమనిక: కార్యాలయంలో నోటీసు బోర్డులో ప్రదర్శించవలెను*

ఫారం - 10(a)

రశీదు

\_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామము యొక్క ప్రభుత్వ భూముల సర్వే మరియు

నిర్ణయముపై జారీ చేసిన ఫారం - 11 నోటీస్ ముట్టినది.

స్థలం :

సంతకము :

తేది:

పేరు :

హోదా/వృత్తి :

**ఫారం - 11**

**ప్రభుత్వ భూముల సర్వే కోసం అధికారిక నోటీసు.**

To,

గ్రామ రెవిన్యూ అధికారి

\_\_\_\_\_ గ్రామము

\_\_\_\_\_ మండలం

\_\_\_\_\_ జిల్లా

1. సహాయ సంచాలకులు, సర్వే మరియు భూమి రికార్డు వారు జారీ చేసిన 6 (1) నోటిఫికేషన్ ఆర్డర్ నెం

\_\_\_\_\_, తేదీ \_\_\_\_\_ మరియు ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 కు సంబంధించి

\_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామం యొక్క ప్రభుత్వ భూముల

సీమా నిర్ణయం (demarcation) మరియు సర్వే పనులు ది. \_\_\_\_\_ న \_\_\_\_\_ గం. ని.లకు

ప్రారంభించబడును అని తెలియచేయటమైనది.

2) ఇందు మూలంగా తెలియజేయునది ఏమనగా, సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు

అనుసరించి ప్రభుత్వ భూముల సరిహద్దులను నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి పైన పేర్కొన్న సర్వేకు ఈ

క్రింది తెలిపిన నోడల్ అధికారులు హాజరు అవ్వవలసినదిగాను, తగిన సమాచారం మరియు అవసరమైన సహాయ

సహకారములు అందించవలసినదిగా తెలియచేయటమైనది.

సర్వే నెంబరు	వర్గీకరణ	స్వభావం	నోడల్ అధికారి, విభాగం

3. నోటీస్ యొక్క ప్రతిని సంతకం చేసి తిరిగి పంపించవలెను

స్థలం :

గ్రామ సర్వేయర్

తేది:

పేరు:

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**ఫారం - 11(a)**

**రశీదు**

\_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామము యొక్క ప్రభుత్వ భూముల సర్వే మరియు

నిర్ణయముపై జారీ చేసిన ఫారం - 10 నోటీస్ ముట్టినది.

స్థలం :

సంతకము :

తేది:

పేరు :

**హోదా/వృత్తి :**

<b>Form - 12</b> <b>Geo - Coordinate Data of the Govt.Lands</b>
--

Name of the District :
------------------------

Name of the Mandal :
----------------------

Name of the Village :
-----------------------

No. of points :
-----------------

Geo cod data observed using GNSS Rover ( Model & No.):

[illegible]

<b>Form-13</b> <b>Ground Control Point</b>
---

District :
------------

<b>Mandal :</b>
-----------------

Village :				
-----------	--	--	--	--

[illegible]



Form - 14												
Quality Check of ORI in Computer Lab												
(To be filled by the Survey team of the Department.)												
District :												
Mandal:												
Village :												
(To be filled by a survey team of the Department)						(To be filled by maker team of QC)						
Sl.No.	Check Point No.	Description of Location	Photograph of Feature location	Geo - Coordinate Observed using GNSS Rover		Geo - Coordinate of CP on ORI arrived at the computer		Difference square		Distance	Status Accepted / Not accepted	Remarks
				X	Y	X	Y	X	Y			
1	2	3a	3b	4a	4b	5a	5b	6a	6b	7	8	9
	CP-1											
	CP-2											
	CP-3											
	CP-4											
	CP-5											
	CP-6											
	CP-7											
	CP-8											

Signature of Maker

Name:  
Designation

Signature of Checker

Name:  
Designation

Signature of Approver

Name:  
Designation

Form-15															
Quality Check of ORI on Ground															
District:															
Mandal:															
Village:															
(To be attended by Village Surveyor & Sol/ Agency jointly)															
Sl. No.	Checkpoi nt No.	Screen Shot of the Point	Data measured on ORI Part - A				Photogr aph of Feature location	Data measured on the ground using Rover Part - B				The difference in distances obtained from ORI& Ground in meters	RMS between Geo-Cods observed on ORI& ground	Status Accepted / Not accepted	
			Geo-Coordinates		Distance in			Geo-Coordinates		Distance in					
			X	Y	Between Points	Meters		X	Y	Between Points	Meters				
1	2	3	4a	4b	5a	5b	6	7a	7b	8a	8b	9	10	11	
	CP 1				1-2					1-2					
	CP 2				2-3					2-3					
	CP 3				3-4					3-4					
	CP 4														
													0.00 0.00	0.000	

Signature of Maker  
Name:

Signature of Checker  
Name:

Signature of Village  
surveyor  
Name:

Signature of Mandal Surveyor  
Name:

## Form – 16

### ORI – Specifications Check List & Quality Check – 1 (QC-1)

Table -1 ORI Specifications Check list & Quality Check-1 (QC-1)			
By Drone processing lab			
QC1 conducted by : at ORI generation lab preferably by identified QC-team			
I	Village Name:		
II	Village area in acres		
III	Software used for ORI processing		
IV	No. of GCPs used ORI processing		
V	No. of Check points (GCPs not used for ORI processing)		
Sl. No	QC Parameter specification	Passed the specification	Remarks
<b>ORI data processing</b>			
1	Cloud points selection <b>Recommended -High</b>		
2	Elevation Model used for ortho-rectification (DSM/ DTM) <b>Recommended -DTM</b>		
3	Radiometric resolution of Drone image ( 12bit or 8bit)		
4	Distribution of GCPs used for ORI processing <b>Recommended–Uniform distribution</b>		
<b>Geometric Quality check</b>			
5	What is the Root Mean Square Error (RMSE <sub>xy</sub> ) by software at GCP points <b>Recommended– less than GSD (&lt;5cm)</b>		Software generates ORI processing report
6	What is the Root Mean Square Error (RMSE <sub>xy</sub> ) Check points <b>Recommended– less than GSD (&lt;5cm)</b>		Geo-coordinates (x,y) measured manually from ORI at check points locations and compare with that of check points and compute RMSE
7	Is graphical representation of distribution of x, y error vector is generated (Yes/NO) ensure error should less than 5cm at any location in both X,Y		
8	Is original drone image or re-sampled drone image is used for ORI generation <b>Recommended- Original drone image should be used ORI generation</b>		Original drone image should be used ORI generation to ensure geometric & visual interpretation quality
9	What is GSD of ORI <b>Recommended – 5cm to meet the 1:500 scale Digital ORI quality standards</b>		
10	Are any ORI gaps (Yes/NO)		Manually inspection of ORI image
11	Any cloud cover in ORI (yes/NO)		

12	Are there any overlaps, shifts of linear features in ORI at drone image between drone image frames		Manually inspection of ORI image
<b>Radiometric ( visual interpretation )Quality check of ORI</b>			
13	Is Color balancing is applied for output entire village ORI (Yes/NO)		All ground features in ORI should look in same color. Manually inspection of ORI image
14	Is linear image enhancement applied to ORI and converted to 8 bit RGB (Yes/NO)		ORIs can be converted to 8 bit RGB without losing image clarity & reduce the digital size of ORI
15	Is all GCP & Check points are clearly & sharply visible in ORI even after ORI zoom-in 4 times? (Yes/NO)		If QC pass, field boundaries can be digitized accurately at 4 times zoom-in of ORI
<b>Format of final output ORI</b>			
16	Is final ORI is village wise Uncompressed ORI in geo-tiff and 8bit RGB tiles (Yes/No)		
17	No. of ORI tiles		
18	Total size of all ORI in GBs		Optional

**Form-17**  
**Acknowledgement of ORI**  
**(SSLR)**

**District:** \_\_\_\_\_ **Mandal:** \_\_\_\_\_ **Village:** \_\_\_\_\_

Sl. No.	Submitted by Sol/Agency		Received by District HQ Name, signature,	Remarks
	Index Map	No. of Tiles		
<b>1</b>	<b>2a</b>	<b>2b</b>	<b>3</b>	<b>4</b>

## Form – 18

### Quality Check of ORI Accepting for Ground Truthing

ORI Quality Check- (QC-2) By Village Survey Team for ORIs Accepting for Ground Truthing			
Softcopy ORIs should be used for quality check for accepting to carryout Ground Truthing			
<b>1</b>	Village Name:		
<b>2</b>	ORI specification/Quality check table -1 data is provided (Yes/NO)		
Sl.No	QC Parameter specification	Passed the specification	Remarks
<b>ORIs Format &amp; General</b>			
3	ORI specification/ Quality check table - 1 data is provided along with ORI (Yes/ No)		Check if all the parameters are meeting specifications
4	ORI format <b>Recommended:geo-tiff</b>		Use QGIS/any GIS software to check. All softcopy ORI can be displayed in QGIS for seamless village level ORI
	Superimposed village boundary. Kml file on ORIs to verify any ORI gaps (Yes/No)		Ensure that there are no gaps and overlaps with adjacent ORI tiles. If gaps are identified, reject and send for reprocessing
	Spatial Reference <b>Datum</b> : WGS84 <b>Projection</b> : UTM Check correct UTM zone is used as per village geo-graphical location		Use QGIS/ any GIS software to check
5	Spatial Resolution or GSD <b>Recommended : 5cm</b>		Use QGIS/ any GIS software to check
<b>Geometric Quality Check</b>			
6	GSD of ortho-image <b>Recommended – 5cm to meet the 1:500 scale Digital ORI quality topographic survey standards</b>		Use QGIS/ any GIS software to check
7	Any ORI gaps (Yes/NO)		Manual inspection of ORI image
8	Any overlaps, shifts of linear features in ORI at drone image between drone image frames		Manual inspection of ORI image
9	Measure geo-coordinates at least 5 to 6 points which are clearly identifiable both on ground and in ORI. Compare the difference of X and Y geo-coordinates corresponding ground and ORI <b>Recommended difference = &lt;10cm</b>		Use QGIS/ any GIS software to check  If difference is more than 10cm, reject and resend for re-processing
<b>Radiometric Check of ORI Quality (Visual Interpretation For Ground Features Identification )</b>			
10	Is uniform Color balancing is applied for entire village ORI (Yes/NO)		All ground features in ORI should look in consistent color. Manual inspection of ORI image
11	Is linear enhancement applied to ORI and converted to 8 bit RGB (Yes/NO)		ORIs can be converted to 8 bit RGB without losing image clarity & reduce the digital size of ORI
12	Are all GCP & Check points are clearly & sharply visible in ORI even after ORI zoom-in 4 times (Yes/NO)		If QC clearance, field boundaries can be digitized accurately at 4 times zoom-in of ORI

## ఫారం - 19

**భూ నిజనిర్ధారణ కొరకు భూ యాజమాన్య దారులకు సాధారణ నోటిసు**

1) సర్వే సహాయ సంచాలకులు వారి నోటిఫికేషన్ ఆర్డర్ సి నెం

\_\_\_\_\_, తేదీ \_\_\_\_\_ అనుసరించి, \_\_\_\_\_

జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామములో

భూ కమతముల సీమా నిర్ణయం ది. \_\_\_\_\_ న

\_\_\_\_\_ గం. ని.లకు ప్రారంభించబడును అని తెలియచేయటమైనది.

2) ఇందు మూలంగా తెలియజేయునది ఏమనగా సర్వే మరియు

సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు అనుసరించి పైన

పేర్కొన్న సర్వే సమయం నందు ఆసక్తిగల పార్టీ (లు) భూమి వద్ద హాజరై,

సరిహద్దులను నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి తగిన

సమాచారం మరియు అవసరమైన సహాయ సహకారములు

అందించవలసినదిగా తెలియచేయటమైనది.

గమనిక: కార్యాలయంలో నోటిసు బోర్డులో ప్రదర్శించవలెను

స్థలం :

సంతకము :

తేది:

పేరు :

హోదా/వృత్తి :

ఫారం - 20  
భూ యాజమాన్య దారులకు నోటిసు  
FOR GROUND TRUTHING

1) సర్వే సహాయ సంచాలకులు Assistant Director వారి నోటిఫికేషన్ నెం \_\_\_\_\_

అనుసరించి, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామములో సీమా నిర్ణయం  
(demarcation) మరియు సర్వే పనులు \_\_\_\_\_ తేదిన \_\_\_\_\_ గం. ని.లకు ప్రారంభించ  
బడును అని తెలియచేయటమైనది.

బడును అని తెలియచేయటమైనది.

2) సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు అనుసరించి సర్వే సమయం నందు ఈ క్రింది షెడ్యూల్ లోని భూ యజమానులు , భూమి వద్ద హాజరై మీ ఆస్తుల యొక్క సరిహద్దులను చూపించి , తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా తెలియచేయటమైనది.

మకాము:	గ్రామ సర్వేయర్:
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**Form-22**

**ADDITIONAL / MISSING INFORMATION COLLECTED DURING GROUND TRUTHING BY VILLAGE SURVEY TEAM**  
(GEO-CODES OF LAND PARCEL POINTS WHICH ARE NOT VISIBLE IN ORI HARD COPIES )

**District:****Mandal:****Village:**

Sl. No.	Chalta No. (Working No.)	LP Point ID	LP Point / Topo detail GEO-CODES		Remarks
			X	Y	
1	2	3	4a	4b	5

Note:

1) Point ID shall also be written on ORI

2) Additional data which is NOT recorded in Adangal shall be recorded

ఫారం - 23

జాయింట్ ఫీల్డ్స్ విభజన కోసం దరఖాస్తు

జిల్లా పేరు:

మండలం పేరు:

గ్రామము పేరు:

జాయింట్ హోల్డింగ్స్ వివరాలు

దరఖాస్తుదారుల పేరు	తండ్రి / భర్త పేరు	సర్వే నెంబరు	విభజించవలసిన వీస్తిర్ణం	ఖాతా నెంబరు	మొబైల్ నెంబర్

అభ్యర్థనకు కారణం :

చిరునామా:

మొబైల్ నెంబరు:

Email ID:

దరఖాస్తుదారుడి సంతకం:

పేరు:

**ఫారం - 24**

**విలీనమైన ఫీల్డ్స్ విభజన కోసం దరఖాస్తు (చేపల చెరువులు, తోటలు మొదలగునవి)**

**జిల్లా పేరు:**

**మండలం పేరు:**

**గ్రామము పేరు:**

**జాయింట్ హోల్డింగ్స్ వివరాలు**

దరఖాస్తుదారుల పేరు	తండ్రి / భర్త పేరు	సర్వే నెంబరు	విభజించవలసిన వీస్తిర్ణం	ఖాతా నెంబరు	మొబైల్ నెంబర్

**అభ్యర్థనకు కారణం :**

**చిరునామా:**

**మొబైల్ నెంబరు:**

**Email ID:**

**దరఖాస్తుదారుడి సంతకం**

**పేరు:**

**ఫారం - 25**

**భూ కమతము నిర్ణయించు సమయమునందు అభ్యంతరము తెలుపుతూ చేయు దరఖాస్తు**

To

\_\_\_\_\_ సర్వే బృందం,  
\_\_\_\_\_ గ్రామము,  
\_\_\_\_\_ మండలం,  
\_\_\_\_\_ జిల్లా.

ఆర్యా

\_\_\_\_\_ సర్వే నెంబర్ లో నా భూమి యొక్క సరిహద్దులను చూపించుటకు తేది: \_\_\_\_\_ న హాజరు కావాలని నాకు నోటీసు ముట్టినది.

సీమనిర్ణయం (Demarcation) సమయం నందు నిర్ణయించిన నా భూ కమతము యొక్క తూర్పు / పడమర / ఉత్తర / దక్షిణ వైపు సరిహద్దుపై నాకు అభ్యంతరం కలదు.

కావున నా సరిహద్దు వివాదమును సర్వే రికార్డులను మరియు నా పత్రాలు పరిశీలించి త్వరగా పరిష్కరిస్తారని అభ్యర్థిస్తున్నాను.

**సంతకం**

**చిరునామా**

\_\_\_\_\_  
\_\_\_\_\_

**మొబైల్ నెంబరు:**

**Email ID:**

**ఫారం - 25(a)**

**రశీదు**

\_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం , \_\_\_\_\_ గ్రామము నందు \_\_\_\_\_ సర్వే నెంబరులో సరిహద్దు అభ్యంతరంపై శ్రీ / శ్రీమతి \_\_\_\_\_, \_\_\_\_\_ తేదిన దాఖలు చేసుకొన్న ఆర్డీ ని స్వీకరించి రశీదు జారీచేయటమైనది .

**స్థలం :**

**సంతకము**

**తేది:**

**పేరు :**

**హోదా/వృత్తి :**

**Form - 26****Quality Check of demarcated marked copy of ORI - Mandal Team**

<b>District:</b>		<b>Mandal:</b>		<b>Village:</b>	
<b>Sl. No.</b>	<b>Chalta No.</b>	<b>Survey No/ Subdivision No.</b>	<b>Error at point ID/ New Point</b>	<b>Type of error *</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>

\*1) missing points 2) Bend not considered 3) Bends not required 4) improper selection of boundaries

5) Selected cultivation bunds 6) Right of way not included 7) field channel not included 8) joint structure i.e., well, pump sheds, etc.,

## Form-27

### Quality Check of additional information - Mandal Team

District:		Mandal:		Village:			
Sl. No.	Chalta No. (Temp No.)	LP Point ID	By Village Team		By Mandal team		Remarks
			LP Point / Topo detail Geo-codes		LP Point / Topo detail Geo-codes		
			X	Y	X	Y	
<i>1</i>	<i>2</i>	<i>3</i>	<i>4(a)</i>	<i>4(b)</i>	<i>5(a)</i>	<i>5(b)</i>	<i>6</i>

**Note:**

- 1) Point ID shall also be written on ORI
- 2) Additional data which is NOT recorded in Adangal shall be recorded

**Form - 28****Quality Check of demarcated marked copy of ORI - Division Team**

<b>District:</b>		<b>Mandal:</b>		<b>Village:</b>	
<b>Sl. No.</b>	<b>Chalta No.</b>	<b>Survey No/ Subdivision No.</b>	<b>Error at point ID/ New Point</b>	<b>Type of error</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>

**Form-29****Quality Check of additional information - Division Team**

<b>District:</b>		<b>Mandal:</b>		<b>Village:</b>				
<b>Sl. No.</b>	<b>Chalta No. (Temp No.)</b>	<b>LP Point ID</b>	<b>By Village Team</b>		<b>By Division team</b>		<b>Remarks</b>	
			<b>LP Point / Topo detail Geo-codes</b>		<b>LP Point / Topo detail Geo-codes</b>			
			<b>X</b>	<b>Y</b>	<b>X</b>	<b>Y</b>		
<b>1</b>	<b>2</b>	<b>3</b>	<b>4(a)</b>	<b>4(b)</b>	<b>5(a)</b>	<b>5(b)</b>	<b>6</b>	

**Note:**

- 1) Point ID shall also be written on ORI
- 2) Additional data which is NOT recorded in Adangal shall be recorded



Form - 30						
Area comparison Statement						
District:		Mandal:		Village:		
Sl.No.	LP No.	PoLR Survey/SD No.	Extent as per PoLR	Extent as per Resurvey	% of variation	Remarks
1	2	3	4	5	6	7

Form - 31					
Correlation Statement					
District:		Mandal:		Village:	
Sl.No.	LP.No.	Old survey No.	Subdivision No.	LP No. Extent	Remarks
1	2	3	4	5	6



**ప్రైవేట్ భూముల గ్రౌండ్ థ్రువీకరణ కోసం సాధారణ నోటీసు**

1) సహాయ సంచాలకులు, సర్వే మరియు భూమి రికార్డ్ల వారు జారీ చేసిన 6 (1) నోటిఫికేషన్ ఆర్డర్ నెం \_\_\_\_\_, తేదీ \_\_\_\_\_ మరియు ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 కు సంబంధించి \_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామం యొక్క ప్రాథమిక సర్వే రికార్డులు తయారుచేయడం జరిగినది. అందువలన భూమి థ్రువీకరణ (Ground Validation) ది \_\_\_\_\_న \_\_\_\_\_ గం. ని.లకు సర్వే పనులు ప్రారంభించబడును అని తెలియచేయటమైనది.

2) ఇందు మూలంగా తెలియజేయునది ఏమనగా సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు అనుసరించి పైన పేర్కొన్న సర్వే సమయం నందు ఆసక్తిగల పార్టీ (లు) భూమి వద్ద హాజరై, సరిహద్దులను నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా తెలియచేయటమైనది.

గమనిక: కార్యాలయము నోటీసు బోర్డ్ నందు నోటీసును ప్రదర్శించవలెను

స్థలం :

సంతకము :

తేది:

పేరు :

హోదా/వృత్తి :

**ఫారం - 35**

**ప్రైవేట్ భూముల ధృవీకరణ కోసం లాండ్ హోల్డర్లకు నోటీసు**

1. సహాయ సంచాలకులు, సర్వే మరియు భూమి రికార్డ్ల వారు జారీ చేసిన 6 (1) నోటిఫికేషన్ ఆర్డర్ నెం \_\_\_\_\_, తేదీ \_\_\_\_\_ మరియు ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 కు సంబంధించి \_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామం యొక్క ప్రాథమిక సర్వే రికార్డులు తయారుచేయడం జరిగినది. అందువలన భూమి ధృవీకరణ (Ground Validation) ది \_\_\_\_\_న \_\_\_\_\_ గం. ని.లకు సర్వే పనులు ప్రారంభించబడును అని తెలియచేయటమైనది.

2. సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు అనుసరించి సర్వే సమయం నందు ఈ క్రింది షెడ్యూల్ లోని భూ యజమానులు , భూమి వద్ద హాజరై మీ పొలము యొక్క సరిహద్దులను చూపించి , తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా తెలియచేయటమైనది.

ల్యాండ్ పార్సెల్ నెంబర్	సర్వే నెంబర్	ఖాతా నెంబరు	భూ యజమాని పేరు	తండ్రి పేరు	మొబైల్ నెంబర్	సంతకం

3) నోటీస్ యొక్క ప్రతిని సంతకం చేసి తిరిగి పంపించవలెను

స్థలం :

సంతకము :

తేది:

పేరు :

హోదా/వృత్తి :

**ఫారం - 36**

**ప్రభుత్వా విభాగాలు / సంస్థలు యొక్క గ్రౌండ్ ధ్రువీకరణ ( Ground Validation) నోటీసు**

1. సహాయ సంచాలకులు, సర్వే మరియు భూమి రికార్డ్ల వారు జారీ చేసిన 6 (1) నోటిఫికేషన్ ఆర్డర్ నెం \_\_\_\_\_, తేదీ \_\_\_\_\_ మరియు ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 కు సంబంధించి \_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామం యొక్క ప్రాథమిక సర్వే రికార్డులు తయారుచేయడం జరిగినది. అందువలన భూమి ధ్రువీకరణ (Ground Validation) ది \_\_\_\_\_న \_\_\_\_\_ గం. ని.లకు సర్వే పనులు ప్రారంభించబడును అని తెలియచేయటమైనది.

2. సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని నియమ నిబంధనలు అనుసరించి ప్రభుత్వ భూముల సరిహద్దులను నిర్ణయించడానికి మరియు రికార్డ్ చేయడానికి పైన పేర్కొన్న సర్వేకు హాజరు కావాలని, తగిన సమాచారం మరియు అవసరమైన సహాయ సహకారములు అందించవలసినదిగా తెలియచేయటమైనది.

ల్యాండ్ పార్సిల్ నెంబర్	సర్వే నెంబర్	వర్గీకరణ	విభాగం / సంస్థల పేరు	నోడల్ అధికారి సంతకం

3) నోటీస్ యొక్క ప్రతిని సంతకం చేసి తిరిగి పంపించవలెను

**స్థలం :**

**సంతకము :**

**తేది:**

**పేరు :**

**హోదా/వృత్తి :**



Form- 39

Draft Land Register (DLR)	
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District :

Mandal :
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Village :	
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[illegible]

FORM – 40			
QUALITY CHECK OF DRAFT RECORDS ( Mandal Team)			
CHECK MEMO			
1	Name of the District		
2	Name of the Mandal		
3	Name of the Village		
4	No. of LPMs		
	a) Govt.Lands		
	b) Private Lands		
5	Total Extent of Village in <b>Hec-are-sqm</b>		
6	All Land Parcels recorded in Resurvey or not		
7	All LPMs Recorded in Field Register or not		
8	All Govt. lands recorded in Resurvey or not		
9	All PoLR entries Recorded or Not		
		No.s	%
10	No.of fields inspected		
	a) Govt. Lands		
	b) Private Lands		
11	No.of boundary demarcation verified		
	a) No. of lines with in allowance		
	b) No. of lines out of allowance		
	c) Remarks if any		
12	No.of point Coordinates Verified		
	a) No. of points with in allowance		
	b) No. of points out of allowance		
	c) Remarks if any		
13	No.of PoLR Registry(Pattadhar Name) Verified		
	a) No. of records found correct		
	b) No. of records found not correct		
	c) Remarks if any		
14	No.of stones Verified		
	a) in position		
	b) Out of position		
	c) Missing		
15	Status of Record (Good/Fair/Bad)		
16	Remarks:		



FORM - 41			
QUALITY CHECK OF DRAFT RECORDS ( Division Team)			
CHECK MEMO			
1	Name of the District		
2	Name of the Mandal		
3	Name of the Village		
4	No. of LPMs		
	a) Govt.Lands		
	b) Private Lands		
5	Total Extent of Village in <b>Hec-are-sqm</b>		
6	All Land Parcels recorded in Resurvey or not		
7	All LPMs Recorded in Field Register or not		
8	All Govt. lands recorded in Resurvey or not		
9	All PoLR entries Recorded or Not		
		No.s	%
10	No.of fields inspected		
	a) Govt. Lands		
	b) Private Lands		
11	No.of boundary demarcation verified		
	a) No. of lines with in allowance		
	b) No. of lines out of allowance		
	c) Remarks if any		
12	No.of point Coordinates Verified		
	a) No. of points with in allowance		
	b) No. of points out of allowance		
	c) Remarks if any		
13	No.of PoLR Registry(Pattadhar Name) Verified		
	a) No. of records found correct		
	b) No. of records found not correct		
	c) Remarks if any		
14	No.of stones Verified		
	a) in position		
	b) Out of position		
	c) Missing		
15	Status of Record (Good/Fair/Bad)		
16	Remarks:		

FORM - 42			
QUALITY CHECK OF DRAFT RECORDS ( District Team)			
CHECK MEMO			
1	Name of the District		
2	Name of the Mandal		
3	Name of the Village		
4	No. of LPMs		
	a) Govt.Lands		
	b) Private Lands		
5	Total Extent of Village in <b>Hec-are-sqm</b>		
6	All Land Parcels recorded in Resurvey or not		
7	All LPMs Recorded in Field Register or not		
8	All Govt. lands recorded in Resurvey or not		
9	All PoLR entries Recorded or Not		
		No.s	%
10	No.of fields inspected		
	a) Govt. Lands		
	b) Private Lands		
11	No.of boundary demarcation verified		
	a) No. of lines with in allowance		
	b) No. of lines out of allowance		
	c) Remarks if any		
12	No.of point Coordinates Verified		
	a) No. of points with in allowance		
	b) No. of points out of allowance		
	c) Remarks if any		
13	No.of PoLR Registry(Pattadhar Name) Verified		
	a) No. of records found correct		
	b) No. of records found not correct		
	c) Remarks if any		
14	No.of stones Verified		
	a) in position		
	b) Out of position		
	c) Missing		
15	Status of Record (Good/Fair/Bad)		
16	Remarks:		

ఫారం - 43

నోటిసు

(సర్వే జరుగునపుడు సెక్షన్ 10(1) అభ్యంతరముల అర్జీ దాఖలు పై)

దిగువ సంతకం చేసిన వారి వద్ద \_\_\_\_\_జిల్లా, \_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామములోని \_\_\_\_\_సర్వే నెంబర్ యొక్క సరిహద్దు సీమానిర్ణయం ( Demarcation) పై అభ్యంతరము / అప్పీల్ చేసి ఉన్నారు.

ది: \_\_\_\_\_ న, సమయం \_\_\_\_\_ గం. ని.లకు వివాద సరిహద్దు పై సర్వే నిర్వహించుటకు సర్వే నెంబర్ \_\_\_\_\_ వద్దకు హాజరు కావలసినదిగా శ్రీ/శ్రీమతి \_\_\_\_\_ వారికి ఆదేశించడమయినది

స్థలం :

సంతకము :

తేది:

పేరు :

హోదా/వృత్తి :

ఫారం - 43(a)

రశీదు

\_\_\_\_\_ జిల్లా, \_\_\_\_\_ మండలం , \_\_\_\_\_ గ్రామము నందు \_\_\_\_\_ సర్వే నెంబరులో దాఖలు చేసిన అభ్యంతరంపై \_\_\_\_\_ తేదిన జరుగు సర్వే నిమిత్తం నోటిసు ముట్టినది.

స్థలం :

సంతకము

తేది:

పేరు :

హోదా/వృత్తి :

మొబైల్ నెంబర్ :

Email ID:

చిరునామా :

**Form – 44**

**DECISION OF SURVEY OFFICER U/S 10(1) AGAINST THE OBJECTION FILED  
DURING DEMARCATION**

1 Register no. of complaint: \_\_\_\_\_

2 Date of complaint : \_\_\_\_\_

3 Nature of dispute: \_\_\_\_\_

4 Name of Survey Officer: \_\_\_\_\_

5 Designation: \_\_\_\_\_

6 Date of disposal: \_\_\_\_\_

7 Date of field inspection: \_\_\_\_\_

8 Date of decision carried out in the records: \_\_\_\_\_

(page.2)

**9. Report of the Survey Officer after conducting survey u/s 10(1)**  
**This report should state clearly the nature of the complaint**

**N.B-**The surveyor making the above report should prepare a true copy of the field register for the survey fields in which the dispute lies and for all its adjoining survey fields and insert the copy of the register between pages 2 and 3 of this form

(Page-3)  
**10. Detailed map**

**Scale: 1: .....**

**Note:**

Black line indicates boundary claimed by Sri: \_\_\_\_\_

Red line indicates boundary claimed by Sri: \_\_\_\_\_

Green line indicates boundary claimed by Sri: \_\_\_\_\_

(Page-4)

11. Evidence documentary or oral discussion:

12. Decision:

**Place:**

**Date:**

**Signature of Survey  
Officer**

Certified that the decision has been carried out in the field, on  
.....

**Place:**

**Date:**

**Signature of Survey  
Officer**

Certified that the necessary corrections according to the  
decision have been carried out in the records (Database)

**Place:**

**Date:**

**Signature of Survey  
Officer**

**Form - 45**

**Geo-Codes of Land Parcel on decision u/s10(1) during Ground Truthing**

**District:** \_\_\_\_\_ **Mandal:** \_\_\_\_\_ **Village:** \_\_\_\_\_

Sl. No.	Name of the Applicant	Dispute Between	Effectuated Chalta No. (Temp No.)	Decided Point ID of LP	Geo-codes of decided point		GIST of the Dispute	GIST of the Decision	Remarks
					X	Y			
1	2	3	4	5	6a	6b	7	8	9

Note:

- 1) Point ID shall also be written on ORI
- 2) Additional data which is NOT recorded in Adangal shall be recorded

**ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని 9(2) సెక్షన్ ప్రకారము నోటీసు**

శ్రీ / శ్రీమతి \_\_\_\_\_,

సదరు చట్టం 9(1) వ సెక్షన్ ప్రకారము ఈ క్రింద సంతకము చేసిన సమర్థ సర్వే అధికారి వల్ల ఈ క్రింది తెలిపిన వివరములను నిర్ణయించడమైనది.

ఈ క్రింది జాబితా నందు తెలిపిన భూముల సరిహద్దుల నిర్ణయం మరియు కొలత సమయము నందు ఏవిధమైన తగాదాలు నాకు తెలియపరచనందున, సదరు చట్టం లోని 10(1) సెక్షన్ ననుసరించి, అభ్యంతరములు ఏమియు లేవని భావించి నేను ఇందుమూలముగా ఈ భూమి యొక్క సర్వే పటములలో పొందుపరచబడిన సరిహద్దులు తగాదాలు లేనట్లుగాను, అవిసరిగా వున్నవని నిర్ధారించి రికార్డులు తయారు చేసియున్నాను.

సదరు సర్వే రిజిస్టర్ లో నమోదు కాబడిన భూముల వివరములను ఈ క్రింది తెలిపిన జాబితా లో తెలియపరచడమైనది. ఈ జాబితా పై ఏవిధమైన అభ్యంతరములు ఉన్నచో వాటిని ఈ నోటీసు జారీ ఐన తేదీ నుండి 30 దినములలో

..... కార్యాలయములో వుండు అప్పీలు సర్వే అధికారిగారికి తగిన నమూనా పత్రములో అప్పీలు సమర్పించుకో వచ్చును.

**షరా :** ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని 10(1) వ సెక్షన్ ప్రకారము ఈ భూమి సరిహద్దుల విషయమై ఎటువంటి అభ్యంతరము లేదనియు, సెక్షన్ (11) ప్రకారము అప్పీలు మాత్రమే వున్నదని తెలియచేయడమైనది.

**జిల్లా:** \_\_\_\_\_ **మండలం:** \_\_\_\_\_ **గ్రామము:** \_\_\_\_\_

ప్రస్తుత రీసర్వే	రికార్డ్స్ ఆఫ్ రైట్స్ ప్రకారము				ప్రస్తుత రీసర్వే ప్రకారము		రిమార్కులు
ల్యాండ్ పార్సెల్ నెంబరు	సర్వే నెంబరు	సబ్ డివిజన్ నెంబరు లేదా లెటర్	విస్తీర్ణము		విస్తీర్ణము		
			హె. ఏర్లు. చ. మీ	ఎ. సెంట్లు	హె. ఏర్లు. చ. మీ	ఎ. సెంట్లు	
1	2	3	(4a)	(4b)	(5a)	(5b)	6

నోటీసు జారీ చేసిన తేదీ :

సర్వే అధికారి

**ఫారం - 46 (a)**

**రశీదు**

\_\_\_\_\_ గ్రామము, \_\_\_\_\_ మండలం, \_\_\_\_\_ జిల్లా నందు రీసర్వే

నిర్వహించి, ల్యాండ్ పార్సెల్ నెంబరు \_\_\_\_\_ విషయమై ఆంధ్రప్రదేశ్ సర్వే & సరిహద్దుల చట్టం, 1923 లోని 9(2) సెక్షన్ ప్రకారము \_\_\_\_\_ తేదీన జారీ చేసిన నోటీసు అందిన విషయాన్ని నేను ధృవీకరించుచున్నాను.

పేరు :

తేదీ :

గ్రామము :

నోటీసు తీసుకున్నవారి సంతకము

**ఫారం - 47**

**ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని 10 (2) సెక్షన్ ప్రకారము నోటీసు**

శ్రీ / శ్రీమతి \_\_\_\_\_,

\_\_\_\_\_,

సర్వే సమయంలో సరిహద్దుల అభ్యంతరాన్ని దృష్టికి తీసుకువచ్చారు మరియు అదే హాజరయ్యారు మరియు నిర్ణయం ఇవ్వబడింది.

సదరు సర్వే రిజిస్టర్ లో నమోదు కాబడిన భూముల వివరములను ఈ క్రింది తెలిపిన జాబితా లో తెలియపరచడమైనది.

ఈ జాబితా పై ఏవిధమైన అభ్యంతరములు ఉన్నచో వాటిని ఈ నోటీసు జారీ ఐన తేదీ నుండి 30 దినములలో

..... కార్యాలయములో వుండు అప్పీలు సర్వే అధికారిగారికి తగిన నమూనా పత్రములో అప్పీలు సమర్పించుకో వచ్చును.

ప్రత్యేక విషయములో తప్ప, ప్రతి సర్వే పటమునకు గ్రామ సచివాలయంలో సాధారణముగా 50/- రూ. రుసుము దరఖాస్తుతో జతపరచి సర్వే పటము కాపీలను పొందవచ్చును.

**జిల్లా:** \_\_\_\_\_ **మండలం:** \_\_\_\_\_ **గ్రామము:** \_\_\_\_\_

ప్రస్తుత రీసర్వే	రికార్డ్స్ ఆఫ్ రైట్స్ ప్రకారము				ప్రస్తుత రీసర్వే ప్రకారము		రిమార్కులు
ల్యాండ్ పార్సెల్ నెంబరు	సర్వే నెంబరు	సబ్ డివిజన్ నెంబరు లేదా లెటర్	విస్తీర్ణము		విస్తీర్ణము		
			హె. ఏర్లు. చ. మీ	ఎ. సెంట్లు	హె. ఏర్లు. చ. మీ	ఎ. సెంట్లు	
1	2	3	(4a)	(4b)	(5a)	(5b)	

**నోటీసు జారీ చేసిన తేదీ**

**సర్వే అధికారి**

**ఫారం - 47 (a)**

**రశీదు**

\_\_\_\_\_ గ్రామము, \_\_\_\_\_ మండలం, \_\_\_\_\_ జిల్లా నందు రీసర్వే నిర్వహించి, ల్యాండ్ పార్సెల్ నెంబరు \_\_\_\_\_ విషయమై ఆంధ్రప్రదేశ్ సర్వే & సరిహద్దుల చట్టం, 1923 లోని 10(2) సెక్షన్ ప్రకారము \_\_\_\_\_ తేదీన జారీ చేసిన నోటీసు అందిన విషయాన్ని నేను దృవీకరించుచున్నాను.

**పేరు :**

**తేదీ :**

**గ్రామము :**

**నోటీసు తీసుకున్నవారి సంతకము**



## ఫారం - 48

ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం 1923, సెక్షన్ 9(2), 10(2) ప్రకారము జారీచేయబడ నోటిసు పై సెక్షన్ 11 మేరకు

### అప్పీలు ఆర్డీ

To

అధీకృత పునర్విచారణాధికారి,

భూముల రిసర్వే,

\_\_\_\_\_ గ్రామము,

\_\_\_\_\_ మండలం.

ఆర్యా

\_\_\_\_\_ మండలం, \_\_\_\_\_ గ్రామము లోని \_\_\_\_\_ భూకమతం (ల్యాండ్ పార్సిల్ ) నెంబరు  
నందు ఎ. \_\_\_\_\_ సెంటు భూమి విషయమై \_\_\_\_\_ తేదిన సెక్షన్ 9(2)/ 10(2) నోటిసు పొందివున్నాను.

1. సదరు భూమి \_\_\_\_\_ సరిహద్దు విషయమై అభ్యంతరములు వున్నందున .

2. నమోదు చేయబడిన పట్టాదారు పేరు సరి అయినది కానందున.

3. ఇతర కారణములు:

కావున పై తెలిపిన అభ్యంతరములను పరిశీలించగలందులకు సెక్షన్ 11 ప్రకారము అప్పీలు చేయచున్నాను. ఇందు విషయమై పరిశీలనకు అవసరమగు దస్తావేజు / పాస్ బుక్ నకలు / ఇతరములు జతపరచబట్టినది.

చిరునామా:

భూ యజమాని సంతకం

పేరు:

మొబైల్ నెంబర్ :

Email ID:

### ఫారం - 48(a)

### రశీదు

\_\_\_\_\_ మండలం , \_\_\_\_\_ గ్రామము నందు \_\_\_\_\_ భూకమతం (ల్యాండ్ పార్సిల్)

విషయమై సెక్షన్ 11 ప్రకారము శ్రీ/శ్రీమతి \_\_\_\_\_, \_\_\_\_\_ తే దిన దాఖలు

చేసుకొన్న అప్పీలు ఆర్డీ ని స్వీకరించి రశీదు జారీచేయబట్టినది .

స్థలం :

సంతకము

తేది:

పేరు :

హోదా/వృత్తి :

FORM-49

**ENDORSEMNT FOR NOT ADMITTING APPEALS U/S 11**

File No: \_\_\_\_\_

Date: \_\_\_\_\_

**Sub:-**Resurvey-Appeals u/s 11 of A.P. S&B Act 1923- Filed by Sri: \_\_\_\_\_

- Sy.No: \_\_\_\_\_ (LPNo. \_\_\_\_\_), \_\_\_\_\_ Village, \_\_\_\_\_ Mandal,  
\_\_\_\_\_ District-**Appellate authority-** examined and endorsed-Reg.

**Ref:-** Appeal Registration No. \_\_\_\_\_, Dt: \_\_\_\_\_ Filed by  
Sri/Smt: \_\_\_\_\_

\*\*\*\*\*

Nature of complaint/Appeal:

Gist of the complaint/Appeal:

In pursuance of the reference cited, you are hereby informed that the appeal filed by you has been examined and rejected with the following reasons.

- 1
- 2
- 3

The endorsement has been issued by the appellate authority u/s 11 for \_\_\_\_\_ village.

**Signature of the Appellate Authority**

**Place :**

**Name:**

**Date :**

**Designation :**  
**(Stamp)**

**FORM-49(a)**

**Acknowledgement**

I acknowledge the receipt of the endorsement dated: \_\_\_\_\_ for not admitting the appeal in r/o  
Sy.No.(\_\_\_\_\_) LP.No.(\_\_\_\_\_), \_\_\_\_\_ village, \_\_\_\_\_ Mandal.

**Place :**

**Signature:**

**Date :**

**Name:**

**Address:**

**Phone No:**

**FORM-50**

**ENDORSEMENT RETURNING THE APPEAL PETITION U/S 11 FOR RESUBMISSION**

**File No:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Sub:-**Resurvey-Appeal petition u/s11 of A.P.S&B Act 1923- Filed by Sri: \_\_\_\_\_,  
Sy.No \_\_\_\_\_ (LPNo. \_\_\_\_\_), \_\_\_\_\_ Village, \_\_\_\_\_ Mandal, \_\_\_\_\_ District-  
Appellate authority-examined -returned for resubmission-regarding

**Ref:-** Appeal Registration No. \_\_\_\_\_, Dt: \_\_\_\_\_ Filed by  
Sri/Smt: \_\_\_\_\_.

\*\*\*\*\*

Nature of complaint/Appeal:

Omissions: Records/Registers/Documents/Orders under 9(2) or 10(2)

In pursuance of the reference cited, you are hereby informed that the Appeal petition filed by you has been examined and returned here with for the above reason and request you to resubmit by enclosing the relevant Record/Registers/Documents/Orders by Dt: \_\_\_\_\_

The endorsement has been issued by the appellate authority u/s 11 for \_\_\_\_\_ village.

**Signature of the Appellate Authority**

**Place :**

**Name:**

**Date :**

**Designation :**  
**(Stamp)**

**FORM-50(a)**

**Acknowledgement**

I acknowledge the receipt of the endorsement dated: ..... for resubmission of appeal petition u/s 11 .....village.....Mandal in Form-50.

**Place :**

**Signature:**

**Date :**

**Name:**

**Address:**

**Phone No:**

**FORM-51**

**NOTICE TO THE PARTIES FOR SURVEY ON APPEAL u/s 11**

The under signed has received the Appeal petition dated:\_\_\_\_\_ against the orders issued u/s 9(1) /10(1) vide proceedings No.\_\_\_\_\_ issued by \_\_\_\_\_ in respect of boundary dispute in L.P. No. \_\_\_\_\_ ,in \_\_\_\_\_ Village, \_\_\_\_\_ Mandal \_\_\_\_\_ District.

Sri /Smt \_\_\_\_\_ is directed to appear before the under signed authority on \_\_\_\_\_ at \_\_\_\_\_ AM/PM to finalize the disputed boundary.

**Signature**

**Place :**

**Name:**

**Date :**

**Designation :  
(Stamp)**

**FORM-51(a)**

**Acknowledgement**

I acknowledge the receipt of the notice dated:\_\_\_\_\_ issued against to Appeal dated:\_\_\_\_\_ filed u/s 9(1)/10(1) filed by \_\_\_\_\_ in L.P. No. \_\_\_\_\_, (Old Survey No \_\_\_\_\_) Village \_\_\_\_\_, Mandal \_\_\_\_\_, District \_\_\_\_\_.

**Place :**

**Signature:**

**Date :**

**Name:**

**Address:**

**Phone No:**

**FORM-52**  
**NOTICE TO PLAINTIFF – IF CONDUCTS COURT**

The under signed has received objection / Appeal dated:\_\_\_\_\_ in respect of \_\_\_\_\_ Village, \_\_\_\_\_ Mandal, \_\_\_\_\_ District regarding boundaries in L.P. No. \_\_\_\_\_ (Old Survey No \_\_\_\_\_)

Sri /Smt. \_\_\_\_\_ is directed to appear before the under signed on \_\_\_\_\_ at \_\_\_\_\_ AM/PM to finalize the disputed boundary.

**Place :**

**Date :**

**Signature**

**Name:**

**Designation :**

-----  
-

**FORM-52(a)**  
**Acknowledgement**

I acknowledge the receipt of the notice dated:\_\_\_\_\_ issued for finalization of disputed boundary in L.P. No. \_\_\_\_\_ (Old Survey No \_\_\_\_\_) Village \_\_\_\_\_, Mandal \_\_\_\_\_, District \_\_\_\_\_.

**Place :**

**Date :**

**Address:**

**Signature:**

**Name:**

**Phone No:**

**FORM-53**  
**SUMMON TO DEFENDANT**

The under signed has received objection / Appeal dated:\_\_\_\_\_ in respect of  
\_\_\_\_\_ Village, \_\_\_\_\_Mandal,\_\_\_\_\_ District  
regarding boundaries in L.P. No. \_\_\_\_\_ (Old Survey No \_\_\_\_\_)

Sri /Smt \_\_\_\_\_ is directed to appear before the under signed on  
\_\_\_\_\_ at \_\_\_\_\_AM/PM to finalize the disputed boundary.

**Place :**

**Date :**

**Signature**

**Name:**

**Designation :**

-----

**FORM-53(a)**  
**Acknowledgement**

I acknowledge the receipt of the notice dated:\_\_\_\_\_ issued for finalization of  
disputed boundary in L.P. No. \_\_\_\_\_ (Old Survey No \_\_\_\_\_) Village  
\_\_\_\_\_, Mandal \_\_\_\_\_, District \_\_\_\_\_.

**Place :**

**Date :**

**Address:**

**Signature:**

**Name:**

**Phone No:**

**FORM-54**  
**SUMMON TO WITNESS**

The under signed has received objection / Appeal dated:\_\_\_\_\_ in respect of \_\_\_\_\_ Village, \_\_\_\_\_ Mandal, \_\_\_\_\_ District regarding boundaries in L.P. No. \_\_\_\_\_ (Old Survey No \_\_\_\_\_)

Sri /Smt \_\_\_\_\_ who is witness to settle the disputed boundary between \_\_\_\_\_ (Plaintiff) and \_\_\_\_\_ (Defendant) directed to appear before the under signed on \_\_\_\_\_ at \_\_\_\_\_ AM/PM.

Place :

Date :

**Signature**

**Name:**

**Designation :**

-----

**FORM-54(a)**  
**Acknowledgement**

I acknowledge the receipt of the notice dated:\_\_\_\_\_ in respect of disputed boundary in L.P. No. \_\_\_\_\_ (Old Survey No \_\_\_\_\_) Village \_\_\_\_\_, Mandal \_\_\_\_\_, District \_\_\_\_\_ as witness.

Place :

Date :

Address:

**Signature:**

**Name:**

**Phone No:**

# MODEL ORDER

(For Guidance)

ఆంధ్రప్రదేశ్ సర్వే & సరిహద్దుల చట్టము - 1953, సెక్షన్ 11 (1) ప్రకారం మండల సంచార మేజిస్ట్రేట్ & డిప్యూటీ తహసీల్దారు (

రీసర్వే), \_\_\_\_\_ మండలం గారి ఉత్తర్వులు.

ప్రస్తుతము:-.....

.....వ తేదీ ..... నెల ..... సంవత్సరం.

రీ సర్వే అప్పీల్ నెంబర్:.....

\*\*\*\*

శ్రీ \_\_\_\_\_

(తండ్రి) \_\_\_\_\_

\_\_\_\_\_ గ్రామము,

\_\_\_\_\_ మండలం,

అప్పీలుదారు/పిటిషనర్

మరియు

1) శ్రీ గ్రామ సర్వేయరు,

\_\_\_\_\_ గ్రామము,

2) శ్రీ గ్రామ రెవిన్యూ అధికారి,

3) \_\_\_\_\_ గ్రామము

ప్రతివాదులు/రెస్పాండెంట్

విషయము:- భూముల రీసర్వే - YSR జగనన్న శాశ్వత భూహక్కు మరియు భూరక్ష పథకము-

\_\_\_\_\_ జిల్లా \_\_\_\_\_ గ్రామము \_\_\_\_\_ 9(2)

నోటీసు \_\_\_\_\_ తేదీ. \_\_\_\_\_ రిజిస్టరు హోల్డర్ పేరు \_\_\_\_\_, సర్వే విస్తీర్ణము

య. \_\_\_\_\_ అప్పీలు దరఖాస్తు తేదీ. \_\_\_\_\_ విచారణ నిర్వహించుట - ఉత్తర్వులు జారీ

చేయుటకు -సంబంధించి.

సూచిక: 1) ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దుల చట్టం, 1923 లోని సెక్షన్ 9 (2) ప్రకారం ఇచ్చిన నోటీసు తేదీ \_\_\_\_\_.

2) జీ.ఓ.యం.యస్.నెం.378, రెవిన్యూ (ల్యాండ్స్ JV) తేదీ.17.12.2020.

3) మండల/గ్రామ సర్వే అధికారి సర్వే నివేదిక తేదీ. \_\_\_\_\_

-00-

**అప్పీలు పిటిషన్ లోని అంశము:-**

\_\_\_\_\_ మండలము \_\_\_\_\_ గ్రామస్తులైన శ్రీ \_\_\_\_\_ (తండ్రి) \_\_\_\_\_

అనువారికి \_\_\_\_\_ గ్రామంలో రీ.స. నెం. నందు య \_\_\_\_\_ సెంట్లు భూమి కలదని, సదరు భూమిని \_\_\_\_\_

గ్రామ రీసర్వే టీం వారు 'వైఎస్ఆర్' జగనన్న శాశ్వత భూహక్కు భూరక్ష కార్యక్రమములో భాగంగా సర్వే చేయగా, సర్వే తదుపరి సదరు

భూమి రీ.స. నెం. \_\_\_\_\_ లో, య \_\_\_\_\_ సెంట్లు భూకమతం (LP) నెం. \_\_\_\_\_ గానూ విస్తీర్ణం య \_\_\_\_\_ సెంట్లు గానూ మార్పు

చెందియున్నట్లు చూకమతము తెల్పుచూ ఆంధ్రప్రదేశ్ సర్వే మరియు సరిహద్దులు చట్టం.1923 లోని సెక్షన్ 9 (2) ప్రకారం నోటీసు

ఇచ్చియున్నారు. దాని వలన అప్పీలు దారుకు గల భూమి విస్తీర్ణం తగ్గినదని/అప్పీలుదారు పేరుకు బదులు \_\_\_\_\_ గా నమోదు

అయినందున సదరు \_\_\_\_\_ అనువారు అభ్యంతరం తెల్పుచూ సెక్షన్-11 (1) ప్రకారం అప్పీలు దాఖలు చేసియున్నారు. సదరు

అప్పీలు పై విచారణ నిమిత్తం అప్పీలుదారుకు/సంబంధిత సరిహద్దుదారులకు మరియు సర్వే చేసిన అధికారులకు నోటీసు

తేదీ \_\_\_\_\_ జారీ చేసి విచారణ జరపడమైనది.

**క్షేత్ర మరియు రికార్డుల పరిశీలన:**

సదరు విషయమై వెబ్ ల్యాండ్ ఆడంగల్/గ్రామ రికార్డులను పరిశీలించగా \_\_\_\_\_ గ్రామ RSR/SFA/FLR



దాఖలా రీ నెం.\_\_\_\_\_పూరా విస్తీర్ణం య\_\_\_\_\_ సెంట్లు భూమి \_\_\_\_\_ అయివుండి పట్టా నెం\_\_\_\_\_తో\_\_\_\_\_పేరున నమోదు కాబడి వున్నది. సదరు భూమిలో య\_\_\_\_\_ సెంట్లు,రీస నెం\_\_\_\_\_గా\_\_\_\_\_ అనువారి పేరున ప్రస్తుత వెబ్ ల్యాండ్ అడంగల్ నందు నమోదు కాబడినది. సదరు భూమి వారికి రిజిస్టరు దస్తావేజు నెం.\_\_\_\_\_ తేది\_\_\_\_\_ద్వారా\_\_\_\_\_అనువారికి సంక్రమించియున్నది. సదరు భూమి వారికి కొనుగోలు/వారసత్వరీత్యా వారి తండ్రి గారైన \_\_\_\_\_నుండి సంక్రమించినట్లు వారు దాఖలు చేసిన\_\_\_\_\_ల ద్వారా తెలియుచున్నది. ప్రస్తుతం సదరు భూమి\_\_\_\_\_వారి స్వాధీన అనుభవములో కలదు. పై విషయమై సరిహద్దుదారులను విచారించగా సదరు రీ.స.నెం.\_\_\_\_\_లో య\_\_\_\_\_సెంట్లు భూమి \_\_\_\_\_ కు చెందినదని,వారికి \_\_\_\_\_రీత్యా నుండి సంక్రమించినదని, అనువారు సదరు భూమిని గత కొన్ని సంవత్సరముల నుండి సాగుచేయుచూ, స్వాధీనానుభవం కల్గిఉన్నారని నివేదిక ఇచ్చియున్నారు.

పై విషయమై సర్వే అధికారి మరియు రీసర్వే టీం వారు మరొకసారి సదరు భూమిని సర్వేచేసి \_\_\_\_\_యుక్క అనుభవములో వున్న భూమి అప్పీలుదారుడు చూపిన సరిహద్దులను LPM నెం.\_\_\_\_\_గా మరల సర్వే చేసి విస్తీర్ణము య\_\_\_\_\_ సెంట్లుగా నిర్ధారిస్తూ నివేదిక ఇచ్చియున్నారు.

అప్పీలుదారు తన భూమిని వేరెవ్వరి సరిహద్దుదారుల ఆక్రమణలో లేదని తెలిపియున్నారు. అనుభవదారుడు చూపిన సరిహద్దులను నిర్ధారించి సర్వే చేసివున్నారు.

#### ఉత్తర్వు:

సదరు సర్వే అధికారి నివేదిక, అప్పీలుదారు మరియు సరిహద్దు రైతుల వాంగ్మూలములు మరియు వెబ్ ల్యాండ్ రికార్డులను పరిశీలించిన తదుపరి \_\_\_\_\_ గ్రామ రీ.సి. నెం.\_\_\_\_\_ లో పూరా విస్తీర్ణము \_\_\_\_\_లోయ\_\_\_\_\_సెంట్లు భూమి అప్పీలుదారు \_\_\_\_\_అనువారికి దస్తావేజు నెం \_\_\_\_\_తేది.\_\_\_\_\_కొనుగోలు/అనువంశికం ద్వారా సంక్రమించినదై వుండి, అనుభవములో రీస.నెం. \_\_\_\_\_లోయ\_\_\_\_\_ సెంట్లు భూమి ప్రస్తుతం LP నెం. గా విస్తీర్ణము \_\_\_\_\_సెంట్లుగా మార్పు చెందినట్లు నిర్ధారణ చేస్తూ ఉత్తర్వులు జారీచేయడమైనది. ఈ ఉత్తర్వుల ప్రకారం రీసర్వే రికార్డులలో మార్పు చేయవలసినదిగా సర్వే అధికారి వారికి ఆదేశాలు జారీ చేయడమైనది.

ఇందుపై నా చేత్రాలు ది\_\_\_\_\_ వ తేది\_\_\_\_\_నెల\_\_\_\_\_న సంవత్సరమున వేయడమైనది. ఆంధ్రప్రదేశ్ సర్వే & సరిహద్దుల చట్టము 1923, సెక్షన్ 11 (2) ప్రకారం ఈ ఉత్తర్వులను సంబంధిత అందరికి అందచేయడమైనది.

మండల మొబైల్ మేజిస్ట్రేట్  
మరియు డిప్యూటీ తహశీల్దార్ (రీసర్వే)  
\_\_\_\_\_మండలం

1. ఇందలి నకలు అప్పీలుదారు\_\_\_\_\_ అనువారికి అందచేయడమైనది.
2. ఇందలి నకలు\_\_\_\_\_ అనువారికి అందచేయడమైనది.
3. ఇందలి నకలు సర్వే అధికారి\_\_\_\_\_వారికి అందచేయడమైనది.

ముగింపు

సిఫార్సు చేయబడింది

**Form - 55**

**DECISION OF SURVEY ON APPEALS u/s 11 BY MOBILE MEGISTRATE TEAM**

District maintenance unit, \_\_\_\_\_ District.

- 1 Register no. of complaint/appeal: \_\_\_\_\_
- 2 Date of complaint/appeal : \_\_\_\_\_
- 3 Nature of dispute village boundary/field boundary: \_\_\_\_\_
- 4 Section of the act under which complaint or appeal is disposed of : \_\_\_\_\_
- 5 Name of Survey Officer: \_\_\_\_\_
- 6 Designation: \_\_\_\_\_
- 7 Date of disposal : \_\_\_\_\_
- 8 Date of purport of decision communicated: \_\_\_\_\_
- 9 Date of decision carried out in the field: \_\_\_\_\_
- 10 Date of decision carried out in the records: \_\_\_\_\_

(page.2)

**Report of the surveyor who prepares sketch on page.3**

This report should state clearly the nature of the complaint of both parties

**N.B-**The surveyor making the above report should prepare a true copy of the field register for the survey fields in which the dispute lies and for all its adjoining survey fields and insert the copy of the register between pages 2 and 3 of this Form

(Page-3)  
**Detailed map**

**Scale: 1: .....**

**Note:** Blue Colour marked -area in dispute, area of disputed land hectares-Ares / Ac.-cents.

Black line denotes boundary claimed by:

Red line denotes boundary claimed by

(Page-4)

1. Petitioner/Appellant :

Name:

Represented by:

2. Defendant/Respondent :

Name:

Represented by:

3. Nature of complaint or appeal:

II. Description of documents filed by both parties with exhibit letters or numbers should be stated here; also number of witnesses examined by each party to the dispute.

(Page-5)

**Deposition**

Before

- 1 Name :
- 2 Father's name :
- 3 Age in years :
- 4 Place of Residence :
- 5 Mobile Number :
- 6 Email ID :
- 7 Occupation :
- 8 Sworn Deposition :

**Signature of the witness**

Taken down before me, read over to the party in \_\_\_\_\_ language,  
and accepted by him to be correct.

**Station :**

**Date :**

**Signature of Survey  
Officer**

(Page-6)

III. Evidence, documentary, or oral discussed.

IV. Decision

**Station  
Date**

**Signature:  
Designation:**

i) Certified that the purport of the above decision has been communicated  
to the parties concerned on

**Signature of Survey  
Officer**

ii) Certified that the decision has been carried out in the field on

**Signature of Survey  
Officer**

iii) Certified that the necessary corrections according to the decision have  
been carried out in the records (From Database).

**Signature of Survey  
Officer**

**FORM-56**  
**APPLICATION TO OBTAIN COPY OF DECISION / ORDER**  
**BY SURVEY OFFICER**

Request to furnish a copy of orders dated: \_\_\_\_\_, (file No. \_\_\_\_\_)  
issued u/s 9, 10 & 11 of Survey & Boundaries Act, 1923 in respect of L.P. No.  
\_\_\_\_\_ (Old Survey No \_\_\_\_\_) Village \_\_\_\_\_, Mandal  
\_\_\_\_\_, District \_\_\_\_\_.

Yours Sincerely ,

Signature of the

landholder

**Address:**

**Name:**

.....  
.....  
.....  
.....

**Phone No.:**

**Email ID:**

-----  
-

**FORM-56(a)**  
**Acknowledgement**

I acknowledge the receipt of the copy of orders dated: \_\_\_\_\_ received from  
\_\_\_\_\_ as requested in Ref. No \_\_\_\_\_ for L.P. No.  
\_\_\_\_\_ (Old Survey No \_\_\_\_\_) Village \_\_\_\_\_,  
Mandal \_\_\_\_\_, District \_\_\_\_\_.

**Signature**

**Place :**

**Name:**

**Date :**

**Designation :**

## Form - 57

## Resurvey Land Register (RLR)

**u/s 26- Rules Under Clause - 2(b) Para 3(1)**

**District:**

**Mandal:**

**Village & Code:**

[illegible]

## Form-58

### **FINAL CHECK MEMO**

District:

Mandal:

Village :

Sl.No.	Subject
<b>A.</b>	
<b>1</b>	<b>Legacy data details</b> a). Year of Initial/Resurvey: b). Total Area of Village: Ac. cts. Hts.: Ares. c). Total Sy.Nos.: d).Total Sy.Nos. as per Adangal Fasli e). Total Land holdings as per Adangal Fasli
<b>2</b>	<b>Status of Survey Records:</b> a).Availability of Village Map(Yes/No): b).No. of Map Sheets c).No.of FMBs available: d).If Missing Survey No's: e).Availability of RSR/SFA/MDR(Yes/No): f).Scanning of survey records i.e.,FMBs,VillageMaps,RSR (Yes/No):
<b>B.</b>	<b><u>Resurvey details:</u></b>
<b>1</b>	Statutory Notifications under A.P. S&B Act, 1923 a). Details of Govt. orders: b). Details of Notification u/s 5 c). Details of Notification u/s 6(1) d). Details of Notification u/s 13 <i>Exceptions, if any</i> e). Whether Resurvey notices served upon each individual requesting their attendance (Yes/No)
<b>2</b>	No. of Ortho Rectified Image(ORI) Tiles:
<b>3</b>	Whether the ORI passed the quality check as per norms (Yes/No)
<b>4</b>	If not passed, whether it was further processed or Drone flown by Sol/Agency

5	Whether the quality check certificate was signed by the Survey & Land Records Dept. & Sol Officials:
6	Field Survey conducted <i>from: To:</i>
7	What is the GNSS Receiver Models& Nos. used for data collection:
8	Whether the GNSS Receiver was synchronized to CORS Network before starting data collection
9	Is there any alteration/s in village boundaries, if Yes, Details and reasons thereof:
10	Whether procedure was followed while surveying Village boundary and approved by VROs of all adjacent villages .
11	Total Area of Village: Ac. cts. Hts.: Ares.
12	No. of land parcel maps (LPMs): From: To:
13	No. of Pattadars recorded in Adangal differed with Lawful enjoyment on ground:
14	Whether all the existing survey numbers are resurveyed (Yes/No).
15	Whether all the land holdings within the revenue village are surveyed (Yes/No).
16	Whether all the Government lands are surveyed with reference to existing land records. If any deviation found mention the remarks with justification.
17	Whether all the required survey stones are planted and recorded in the stone register.
18	Whether all important <i>Topo</i> -details are surveyed (Yes/No)
19	How many objection petitions filed & disposed of u/s 10 <i>Details of LP Nos.:</i>



20	Whether all the 9(2) notices are served upon the land holders with proper acknowledgement. (Yes/No)
21	How many Appeals filed and disposed of u/s 11 <i>Details of LP Nos.:</i>
22	Whether all corrections due to field inspections and disposal of objections and appeals have been carried out in survey records with due attestation by the appropriate authorities(Yes/No).
C	<b><u>Records and Registers:</u></b>
1	Whether the latest updated Adangal with authorised signature was received or not from the Tahsildar(Yes/No.)
2	Whether Filed Register is written in the prescribed format and filled in without omission (Yes/No).
3	Whether the Land Register is written in the prescribed format and filled in without omission (Yes/No).
4	Whether the stone registers were prepared (Yes/No).
5	Whether the correlation cum Area statement was prepared (Yes/No).
6	a). Whether the village boundary Traverse data sheet was prepared (Yes/No) b). Whether the village Traverse map was prepared (Yes/No)
7	a). Whether the Village Site Traverse boundary data sheet was prepared (Yes/No) b). Whether the Village Site boundary map was prepared (Yes/No)
8	Whether all the GCPs in the Village are listed and shown in village map (Yes/No)
9	a) Whether all the land parcel maps are plotted as per specifications & scale (Yes/No)
10	Whether the Village map was plotted to prescribed standards (Yes/No).

D	<b>Revenue &amp; Survey Officers participated:</b>
	a). Village Surveyor:
	Name: Signature:
	b). Village Revenue Officer:
	Name: Signature:
	c). Mandal Magistrate Team:
	i) Mandal Surveyor:
	Name: Signature:
	ii). Revenue Inspector:
	Name: Signature:
	iii) Deputy Tahsildar:
	Name: Signature:
	d). Tahsildar:
	Name: Signature:
e). Deputy Inspector of Survey O/o -----	
Name: Signature:	
f). Inspector of Survey	
Name: Signature:	
g). Assistant Director of Survey & Land Records:	
Name: Signature:	

**FORM - 59****RESURVEY NOTIFICATION u/s 13 of SURVEY & BOUNDARIES ACT, 1923.**

In continuation of the notification published u/s 6 of A.P.S&B Act, 1923, at page No \_\_\_\_\_ of the District Gazette No. \_\_\_\_\_ Dated \_\_\_\_\_ (Ref.No. \_\_\_\_\_ of the Assistant Director, S&LR \_\_\_\_\_ District) the under signed hereby notifies under section 13 of the Andhra Pradesh Survey & Boundaries Act, 1923 that the survey operations are concluded in respect of lands in the given schedule

2. The survey operations concluded as per schedule in respect of boundary demarcation and recorded measurements are conclusive and can be altered only with the decree of any Civil Court u/s. 14 of Survey and Boundaries Act, 1923.

**SCHEDULE****District :****Mandal :**

Sl.No	Village		Land Parcel Numbers
	No.	Name	
1			
2			
3			

**Place:****Signature :****Date :****Name :****Designation :**

