



LAMS Philippines

Land Administration & Management System



Updates on e-Survey Plan

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Club Royale Hotel, Malolos, Bulacan
February 27, 2016


Policy issuances related to LAMS

- **DAO 2007-29** issued on July 31, 2007 re “ Revised Regulations on Land Surveys” provides for the conversion into digital database of all approved land surveys in the country
- **DAO 2010-13** issued on June 23, 2010 re “Manual on Land Survey Procedures”



Policy issuances related to LAMS

- **Memo 2014-187** issued on April 2014 re



Republic of the Philippines
Department of Environment and Natural Resources
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Tel Nos. (832) 929-65-26 to 29 · (832) 929-62-52
929-66-20 · 929-66-33 to 35
929-70-41 to 43

MEMORANDUM

TO : All Regional Executive Directors

ATTENTION : All Regional Technical Directors for Lands
All PENR and CENR Officers

FROM : The Undersecretary for Field Operations

SUBJECT : **IMPLEMENTATION AND OPERATION OF THE LAMS PHILIPPINES**

DATE : 22 APR 2014

Policy issuances related to LAMS

Consistent with the objectives of the DENR Administrative Order (DAO) No. 2010 – 18 entitled “Improving Management of Land Information Through the Adoption of the Land Administration and Management System (LAMS)” dated June 23, 2010 in providing efficient and quality land services to the public, the Land Administration and Management System (LAMS) undergoes various improvements with the new enhanced version as the LAMS Philippines.

LAMS Philippines as the forefront platform in improving the land transaction processes in the land sector has features like the Transaction Tracking System (TTS) as well as the computerized Verification, and Approval of Surveys which will manage the efficiency of service delivery as well as ease of access to land information. Other operational benefits that can be derived using the system are the facilitation of on-line transactions to fast track request, queries and access to land records and information by the public. The system also prevents occurrence of double titling, and claims and conflict through the provision of accurate and ready information on land parcels.


To realize the benefits that the computerization of land transaction processes can provide, the full operation of the LAMS Philippines must be implemented by the Regional and Field Offices. With this, this office hereby requires the use of the LAMS Philippines in all land related transactions once the installation and roll out is finished in all Regions. Likewise, the Region is instructed to ready all facilities for the operation of the system.

For strict compliance.

DEMETRIO L. IGNACIO JR.

Policy issuances related to LAMS

- **Memo 2014-253** issued on June 5, 2014



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Department of Environment and Natural Resources
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Website: <http://www.denr.gov.ph> E-mail: web@denrgov.ph

MEMORANDUM FROM THE SECRETARY

TO : All Regional Executive Directors

ATTENTION : All Regional Technical Directors for Lands
All PENR and CENR Officers

SUBJECT : **NATIONWIDE IMPLEMENTATION AND OPERATION OF
THE LAMS PHILIPPINES**

DATE : 5 June 2014

Policy issuances related to LAMS

This refers to the DENR Administrative Order (DAO) No. 2010-18 dated June 23, 2010 entitled "Improving Management of Land Information through the Adoption of the Land Administration and Management System (LAMS)," which provides for the nationwide computerization of land records in all Regional and Field Offices.

You are hereby directed to strictly implement the LAMS in all land related transactions in your respective Region. No survey plans shall be approved without passing through the system. All survey plans to be approved under the LAMS shall undergo Digital Projection in the LAMS Inspection, Verification and Approval System (IVAS) after the completion of scanning of all the Cadastral Maps (CM) and Projection Maps (PM) within two (2) to three (3) months.


In cases where land conflicts or problems occur as a result of erroneous survey brought by manual verification despite the operation of LAMS, a report with corresponding explanation shall be submitted to this Office through the Land Management Bureau (LMB).

The Region shall submit compliance to this Order ten (10) days after receipt hereof.


RAMON J.P. PAJE
Secretary

Policy issuances related to LAMS

- **Memo 2015-598** issued on December 1, 2015



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Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City, 1100
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MEMORANDUM FROM THE SECRETARY

TO : All Regional Directors

ATTENTION : All Assistant Regional Director for Technical Services
All Assistant Regional Director for Management Services
All PENR and CENR Officers

SUBJECT : **FULL IMPLEMENTATION AND OPERATION OF THE LAMS
PHILIPPINES**

DATE : **DEC 01 2015**

Policy issuances related to LAMS

This refers to the DENR Administrative Order (DAO) No. 2010-18 dated June 23, 2010 entitled "Improving Management of Land Information through the Adoption of the Land Administration and Management System (LAMS)," which provides for the nationwide computerization of land records in all Regional and Field Offices.

In view of the full installation of LAMS Philippines in all the Regional and Field Offices and in order to improve monitoring of processing of land transactions, you are hereby directed to strictly implement the LAMS Philippines in all land related services in your respective Region. All new survey and patent/lease applications must pass through the system and must be regularly updated. LAMS Philippines will serve as the monitoring system for survey and public land application in all Regional Offices. Real time reports shall be generated from the system as basis for monitoring. The Land Management Bureau (LMB) as lead office for the implementation of the system shall regularly monitor and report status of compliance by the Regional Offices. Furthermore, all equipment such as computers, scanner, and printers provided to the Regional and Field Offices must be retrieved and used primarily for the LAMS Philippines related activities.

The Region shall submit compliance to this Order within fifteen (15) days after receipt hereof through the Land Management Bureau.

By Authority of the Secretary:


DEMETRIO L. IGNACIO, JR., *CESO I*
Undersecretary for Field Operations

MEMO NO. 2015 - 598

What is LAMS:

Land Administration and Management System



DAO 2010 – 18 dated June 23, 2011 entitled ***“Improving Management of Land Information Through the Adoption of the Land Administration and Management System (LAMS)”***



- **Provides for automated LAM Services**
- The standard system for the computer based land records management
- Provides immediate, consistent, secure and reliable analysis and reporting tools to aide all land related decisions / transactions

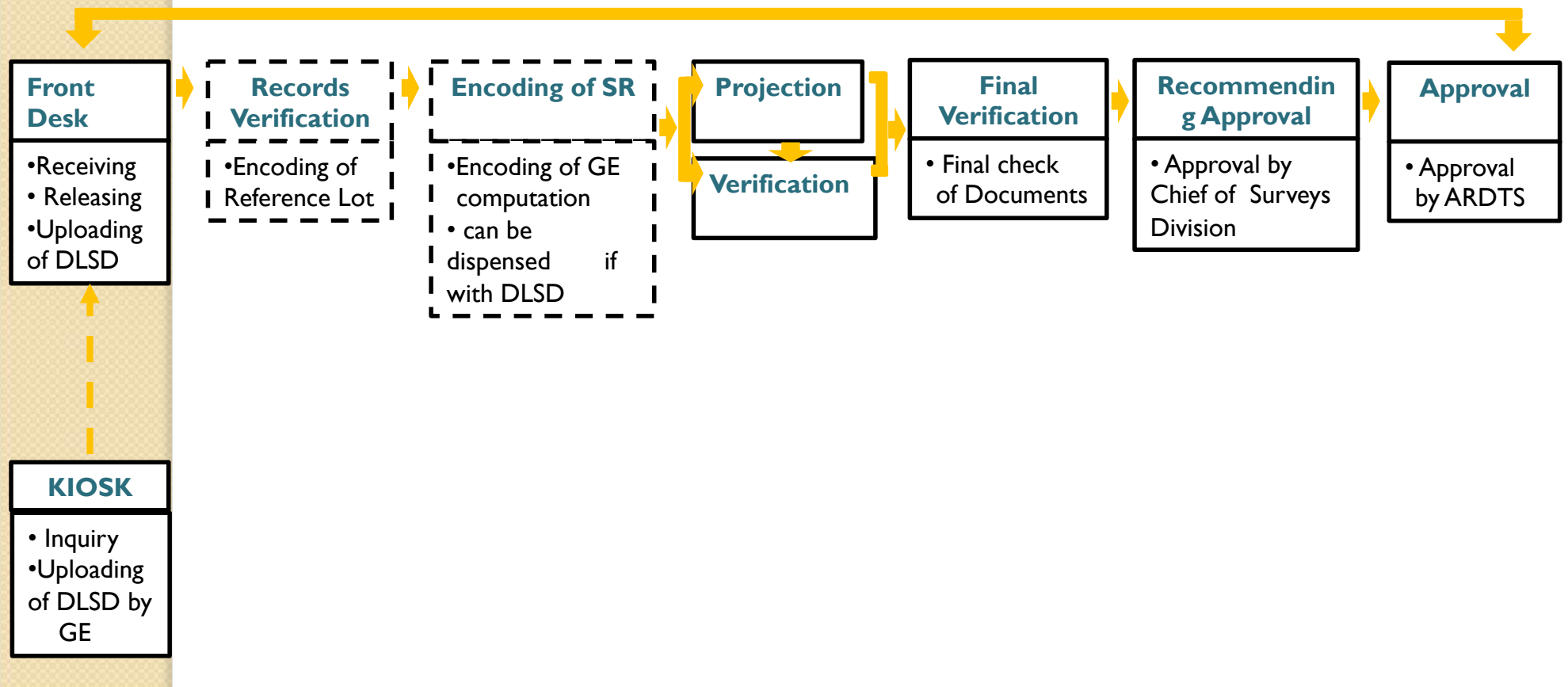


LAMS computerized Inspection, Verification and Approval of Surveys

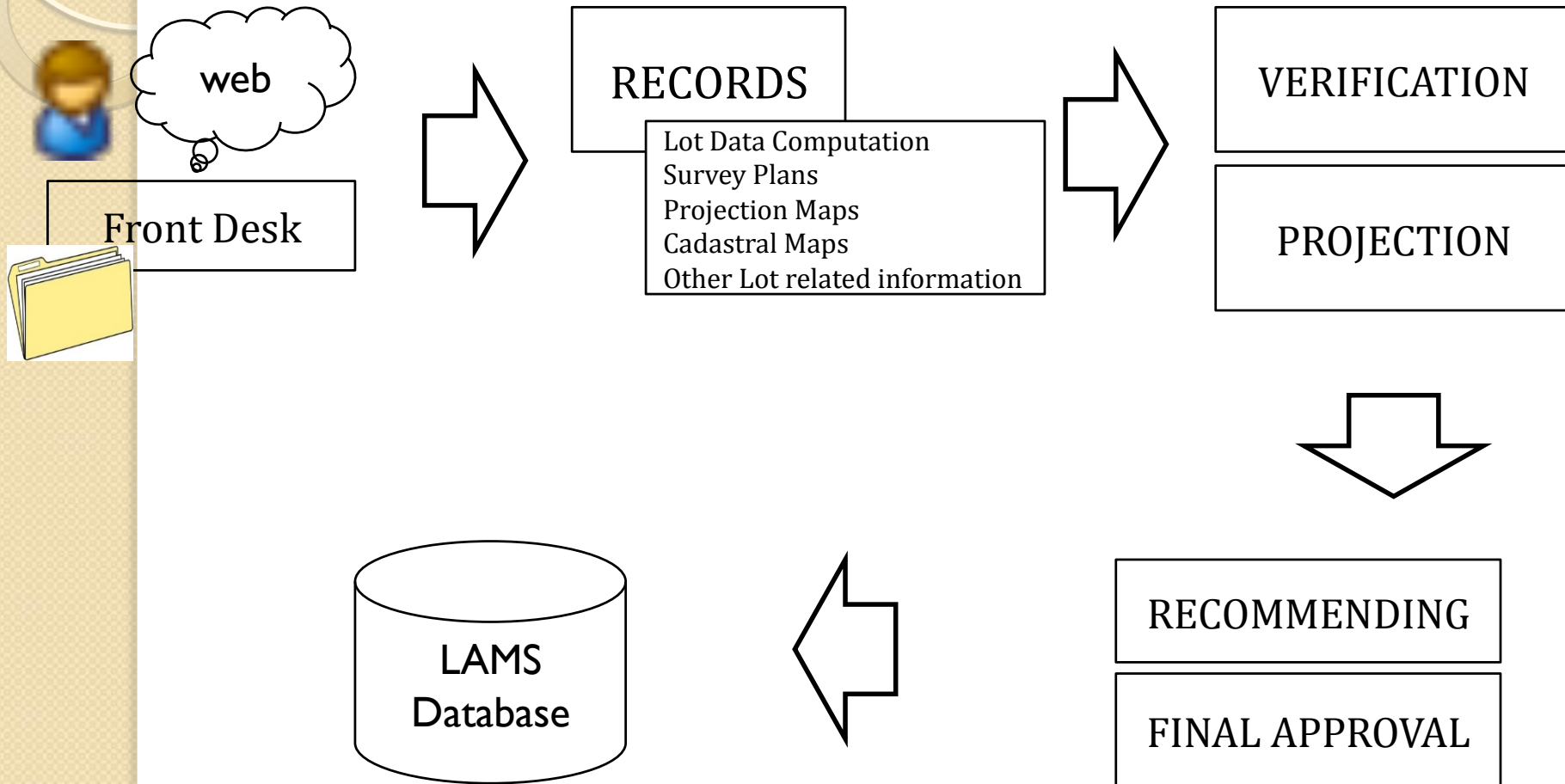
MANUAL IVAS



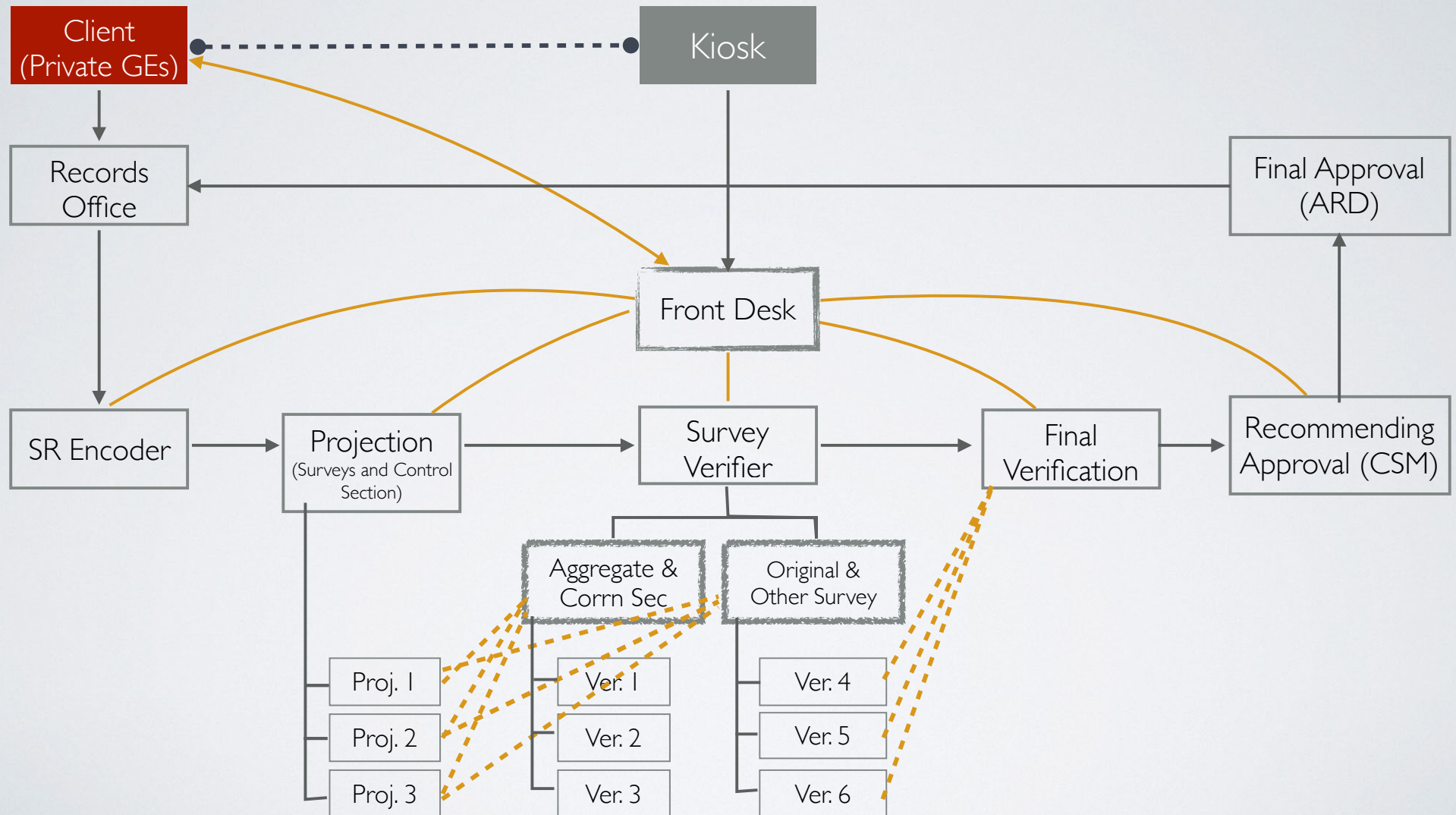
LAMS PHILIPPINES IVAS



Paperless Verification (IVAS)



IVAS: First-in First-out (FIFO)



First In First Out – IVAS Transaction

Transaction Tracking System Console

Trans ID	Create Date	Client	Transaction Type	Location	Lot	Current Unit	Status	Action
21422	21 Jan 15	FRED DELA CRUZ	IVAS	AGLIPAY, QUIRINO	LOT 527, PLS 628	Encoder of Survey Returns	Active	
19469	06 Aug 14	FREDERICK PASCUA	IVAS	SAN AGUSTIN, ISABELA	2294-E-3-B-2-A,LRC,PSD-249666	Records Section	Transmitted	
20299	14 Oct 14	FREDERICK PASCUA	IVAS	JONES, ISABELA	4322 CAD 253	Encoder of Survey Returns	Pending	
18484	03 Mar 14	GALAPON, JESUSA. JR.	IVAS	SANTIAGO CITY, ISABELA		Encoder of Survey Returns	Active	
18981	10 Jun 14	GERRY BAATAN	IVAS	KASIBU, NUEVA VIZCAYA	5006-1 CSSD-AF-02-008141	Records Section	Transmitted	
21281	06 Jan 15	GIL MANANTAN	IVAS	NAGTIPUNAN, QUIRINO	79 GSS-AF-02-000279	Encoder of Survey Returns	Active	
20804	24 Nov 14	GILBERT GUZMAN AGUSTIN	IVAS	CABATUAN, ISABELA	97 SWO 8316	Encoder of Survey Returns	Active	
20798	21 Nov 14	GIOVANNIE M. MAGAT	IVAS	KAYAPA, NUEVA VIZCAYA	OFLAND	Records Section	Transmitted	
20799	21 Nov 14	GIOVANNIE M. MAGAT	IVAS			Records Section	Transmitted	
20800	21 Nov 14	GIOVANNIE M. MAGAT	IVAS			Records Section	Transmitted	
21692	12 Feb 15	GIOVANNIE M. MAGAT	IVAS			Records Section	Transmitted	
21060	16 Dec 14	HERMOGENES DEL ROSARIO	IVAS	CONDON, ISABELA	187 CAD-AF-02-000000	Encoder of Survey Returns	Pending	
18945	06 May 14	HILARIO ANTOLIN JR.	IVAS	ECHAGUE, ISABELA	2918-A(LRC) PSD-269830	Encoder of Survey Returns	Pending	
21705	12 Feb 15	HONESTO D. KIMAYONG	IVAS	CABBARROGUIS (CAPITAL), QUIRINO	F-2-08-000330-D	Encoder of Survey Returns	Active	Process
21703	12 Feb 15	IRINEO M. ABIG	IVAS	Amulung, CAGAYAN	2349, PLS 567	Records Section	Transmitted	
20959	03 Dec 14	ISRAEL JAN T. QUINA	IVAS	Allacapan, CAGAYAN	656, PLS 64	Records Section	Transmitted	
20961	04 Dec 14	ISRAEL JAN QUINA	IVAS	SANCHEZ MIRA, CAGAYAN	8542-A, PSD-2-04-008627	Records Section	Transmitted	
20962	04 Dec 14	ISRAEL JAN QUINA	IVAS	Pamplona, CAGAYAN	1992-A-10, PSD-129770	Records Section	Transmitted	
20963	04 Dec 14	ISRAEL JAN QUINA	IVAS	Claveria, CAGAYAN	15690-C, PSD 416702	Records Section	Transmitted	
20964	04 Dec 14	ISRAEL JAN QUINA	IVAS	Claveria, CAGAYAN	668-B-2, PSD-(AF)-02-056727	Records Section	Transmitted	
20965	04 Dec 14	ISRAEL JAN QUINA	IVAS	SANCHEZ MIRA, CAGAYAN	685-B, PSD-(AF)-02-054193	Encoder of Survey Returns	Pending	
19468	05 Aug 14	J.BULAQUI	IVAS	TUGUEGARAO CITY (CAPITAL), ...	4117-C-6-G	Verification	Transmitted	
21740	16 Feb 15	JAIME P. COSTALES JR.	IVAS	Buguey, CAGAYAN	7267, PLS 750	Records Section	Transmitted	
19897	16 Sep 14	JAMES CAUILAN	IVAS	Lasam, CAGAYAN	3-B PSD-2-01-027566	Encoder of Survey Returns	Pending	
21567	30 Jan 15	JAY CAPILI	IVAS	SANTAANA, CAGAYAN	744 PLS 115	Encoder of Survey Returns	Pending	
21274	05 Jan 15	JAYCEE PAMITTAN	IVAS	TUGUEGARAO CITY (CAPITAL), ...	1302-A, (LRC) PSD-43705	Encoder of Survey Returns	Active	
20562	04 Nov 14	JAYSON CAFIRMA	IVAS	SAN MANUEL, ISABELA	H-12 PSD-2-021618 OLT	Encoder of Survey Returns	Pending	
20654	11 Nov 14	JAYSON CAFIRMA	IVAS	AURORA, ISABELA	4137-G-I PSD-02-050985	Encoder of Survey Returns	Pending	
20929	02 Dec 14	JEFFLENCE ESTRELLON	IVAS	SOLANA, CAGAYAN	5091, CAD 293	Encoder of Survey Returns	Active	
20925	09 Dec 14	JEFFREY BULAGUI	IVAS	BOVAS, ISABELA	F PSD AF 02 078450	Records Section	Transmitted	

User cannot choose transaction to process. System will only allow to process record from the FIFO queue controlled by the Transaction Tracking System.

Receive New Details Inquiry Search Refresh Close



E-SURVEY PLAN

DLSLD policy:
DENR Admin. Order No. 2016-01
dated Jan 22, 2016

*Adoption of Digital Land
Survey Data (DLSLD)
Lodgement as a Standard
Format for the submission and
exchange of Survey Data in
Digital Form under the Land
Administration and
Management System (LAMS)*



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LAND MEMORANDUM CIRCULAR
NO. _____

SUBJECT : Adoption of Digital Land Survey Data (DLSLD) Lodgment as a standard format for the submission and exchange of survey data in digital form under the Land Administration and Management System (LAMS)

Consistent with Republic Act 8792 "The Electronic Commerce Act of 2000" recognizing the vital role of information and communications technology (ICT) in nation building and pursuant to the objectives of Department Administrative Order No. 2010-18 enforcing the use of LAMS application software in the Land Management Bureau (LMB) and Regional Offices specifically on Section 6 paragraph 3 of the said Order, this Memorandum Circular is hereby issued in setting the digital format for sharing land information throughout the Department with the use of the e-Survey Plan program under the LAMS. This will also help harmonize and facilitate the data exchange within the DENR and other stakeholders in the integration of the different land information systems.

Section 1. Objectives The use of DLSLD aims to improve the services of DENR Central Office, LMB and all Regional Offices through the adoption of the following:

1. Provision of a uniform format in the submission of Survey data as input to LAMS.
2. Improvement in the turnaround time particularly in the submission and processing of Survey plan applications.
3. Establishment of a standard format for use in data exchange with other government agencies requiring land information.
4. Pre-requisite as interim phase towards paperless submission of Survey application for Inspection, Verification and Approval of Surveys (IVAS) using the web application module of LAMS Philippines. (See Annex B)

Section 2. Scope This Order covers the use of DLSLD through the e-Survey Plan in LMB and all Regional Offices using LAMS. This would provide standard digital data exchange format from LMB/DENR Regional Offices that can be shared to national and local government offices as well as other stakeholders.

Digital Land Survey Data (DLSD)

Objectives :

- ✓ Provision of a **uniform format in the submission** of survey data as input to LAMS.
- ✓ Improvement in the **processing time** particularly in the submission and approval of survey returns.
- ✓ Establishment of a **standard format for use in data exchange** with other government agencies and other stakeholders
- ✓ Pre-requisite as interim phase towards **paperless submission** of survey returns for computerized verification and approval of surveys.

Salient provisions:

- Section 4:
 - **LAMS Philippines** shall be the *main* platform in the computerized land transaction services of the DENR. It shall serve as the Land Information System (LIS) designed to computerize *land survey verification and approval, public land titling, land records management*, and as a *tool for land resources/asset management*.

Salient provisions:

- Section 5:
 - The use of DLSD shall be *mandatory for all types of surveys submitted for verification and approval* by the Regional Offices.
 - Assumed reference coordinates should not be considered in the data submission using the DLSD.

Salient provisions:

- Section 6:
 - In order to standardize the submission of digital survey returns following the DLSD, the **e-Survey plan under LAMS shall be used.**
 - Each private or government geodetic engineer submitting digital data must submit **ALL** survey returns **through e-Survey Plan** and conform to the standards set under this Order.

Salient provisions:

- Section 6:

- The LMB shall distribute the e-Survey Plan software to the accredited GEs in the Regional Offices. A GE information database shall be created in accordance with the LAMS Philippines with the following information:

Name of the Geodetic Engineer:

PRC ID No.:

Valid Until:

PTR No.:

Valid Until:

TIN:

GE Information database

Geodetic Engineers

GE License: 9656052 InActive

GE Name: ROMEO D. SANCHEZ

Address: ST. CHARBEL, EXEC. VILLAGE,
MINDANAO AVENUE, T. SORA, Q.C.

Phone: _____

	PRC	PTR
PRC Number	3247	3722075
Date Issued	05/09/1977	07/24/2013
Expiry	04/30/2016	/ /

Photo:

Specimen:

Buttons: Save, Delete, Clear, Close

This program is licensed to :

License: SAN BUENAVENTURA, AVELINO L., IV-

GE License: 2086

GE Name: SAN BUENAVENTURA, AVELINO L.

Region: IV-A

Host: -----

Port: ----

- Load license file. The license files contain GE information and regional settings
- You may load many license files to connect to different regional office
- License files can be obtained from the regional offices

Salient provisions:

- Section 6:
 - The submission of DLSD can be through the internet or any external storage device (such as USB, CD, DVD, etc.) at the LAMS Kiosks or Front Desks in the Regional Offices.

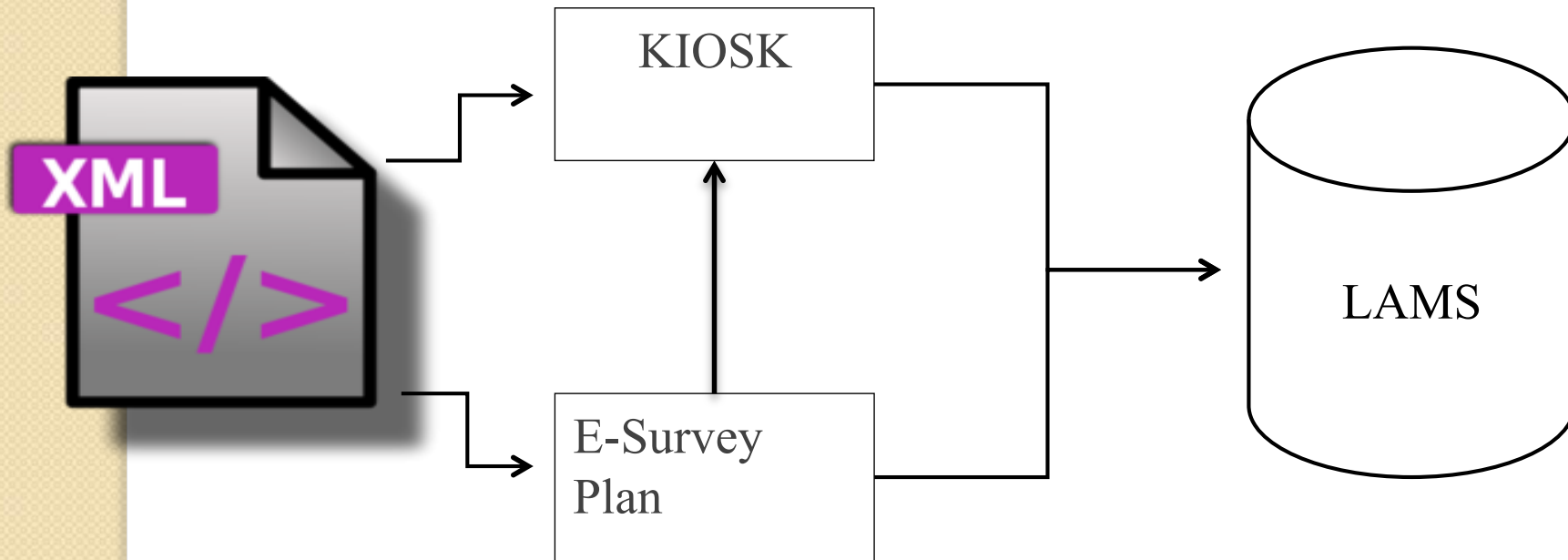
Salient provisions:

- Section 6:
 - The LMB and the Regional Survey and Mapping Division, in cooperation with **Geodetic Engineers of the Philippines, Incorporated (GEP)** shall conduct *orientation and training* to its personnel and private GEs for the use and adoption of the DLSD lodgment through **e-Survey Plan**.

Salient provisions:

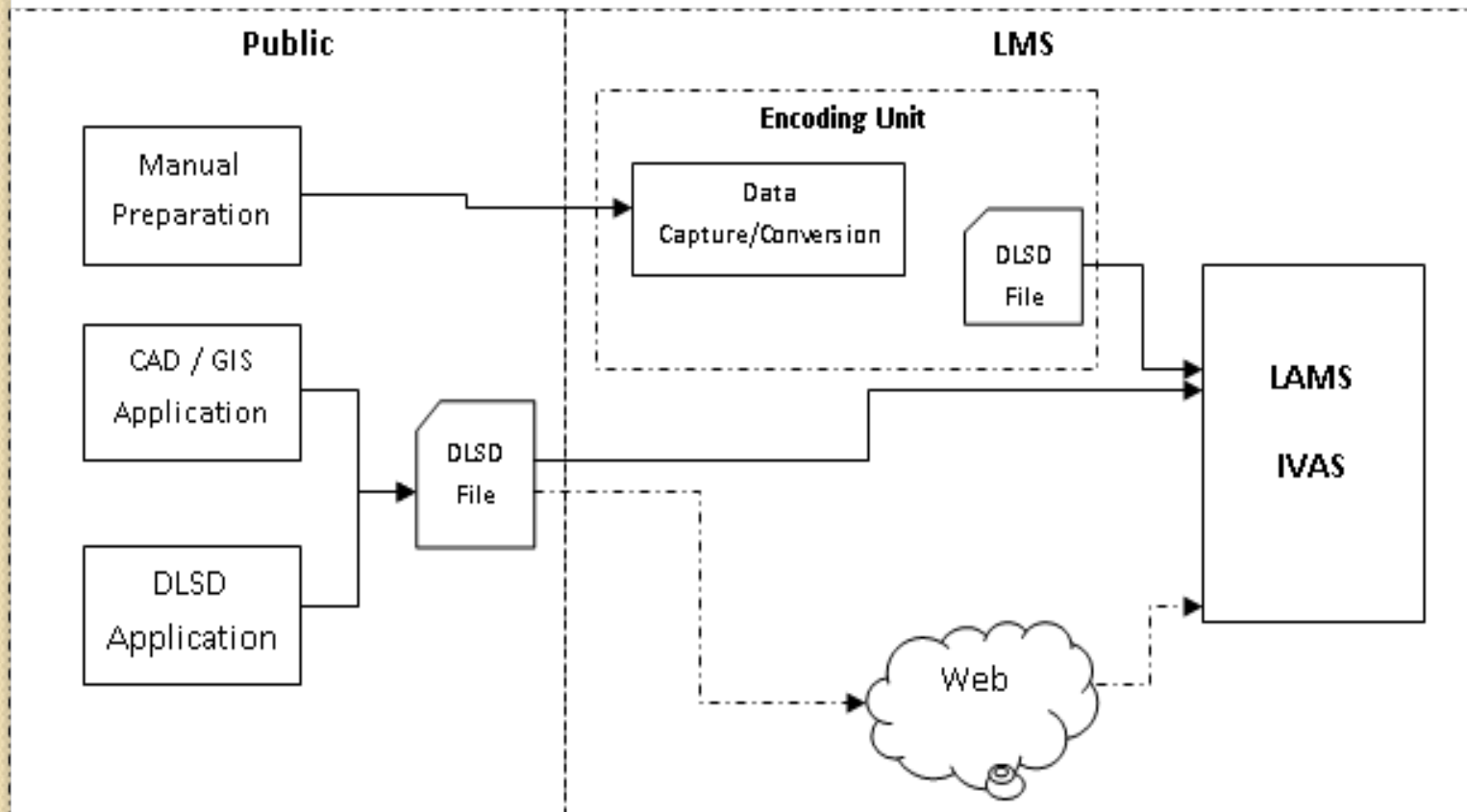
- Section 8: *Transitory Provision*
 - The Regional Offices shall continue accepting survey returns submitted manually **within the transition period of one (1) year after the effectivity of this Order.** After which, all surveys submitted manually shall be accompanied with the DLSD file.

Uploading of DLSD



Digital Land Survey Data

The Digital Land Survey Data is a file for online lodgement of survey plans. This shall allow for faster verification and approval of plans



Paperless Digital Submission

Submission of Survey Plan

Copy of lot data
Copy of Survey Plan
V-37
Tabular Technical Description
Other research

IVAS

LAMS
Database

eSurveyPlan

Transaction Tracking System Console

CURRENT TRANSACTIONS								
Trans ID	Create Date	Client	Transaction Type	Location	Lot	Current Unit	Status	Action
13141	23 Nov 10	Juan Dela Cruz	DLSD of Lot Data	KIBAWE, BUKIDNON	CAD 101 Lot 501	Front Desk	Open	Download
15622	09 Oct 12	Pedro Reyes	IVAS	Valencia City	CAD 204, Lot 6001	Front Desk	Open	

PREVIOUS TRANSACTIONS								
Trans ID	Create Date	Client	Transaction Type	Location	Lot	Current Unit	Status	Action
13141	23 Nov 10	ARNOLFO B. MAGADAN	Certified Technical Description	Iligan City	CAD 305, Lot 5678	Front Desk	Open	View

Workgroup Transactions • New Details Inquiry Search Refresh Close

Paperless Digital Submission

Transaction Tracking System Console

CURRENT TRANSACTIONS

Trans ID	Create Date	Client	Transaction Type	Location	Lot	Current Unit	Status	Action
13141	23 Nov 10	Juan Dela Cruz	DLSD of Lot Data	KIBAWE, BUKIDNON	CAD 101 Lot 501	Front Desk	Open	Download
15622	09 Oct 12	Pedro Reyes	IVAS	Valencia City	CAD 204, Lot 6001	Front Desk	Open	

PREVIOUS TRANSACTIONS

Trans ID	Create Date	Client	Transaction Type	Location	Lot	Current Unit	Status	Action
13141	23 Nov 10	ARNOLFO B. MAGADAN	Certified Technical Description	Iligan City	CAD 305, Lot 5678	Front Desk	Open	View

New Details Inquiry Search Refresh Close

Online transactions

TransactionId	CreateDate	ClientName	TrxTypeDescription	RequestedLocation	RequestedLot	WorkgroupDescription	TrxStatusDescription
402	01/07/2014	Test Subscriber	Request to update Lot Data	QUEZON, TAGKAWAYAN	CAD 1120 Lot 41	Records Section	Rejected
399	01/07/2014	Test Subscriber	Request to update Lot Data	QUEZON, TAGKAWAYAN	CAD 1120 Lot 41	Records Section	Active
1865	03/11/2014	Test				Subscriber Workgroup	Active
1397	03/10/2014	Test					
1396	03/10/2014	Test					
1395	03/10/2014	Test					
1394	03/10/2014	Test					
1393	03/10/2014	Test					
1392	03/10/2014	Test					
1391	03/10/2014	Test					
1390	03/10/2014	Test					
1389	03/10/2014	Test					
1388	03/10/2014	Test					
1386	03/10/2014	Test					
1387	03/10/2014	Test					
1385	03/10/2014	Test					
1383	03/10/2014	Test					
1384	03/10/2014	Test					
1382	03/10/2014	Test					
1398	03/10/2014	JOSE					
1399	03/10/2014	ASTR					

Download Lot data

Province:

Municipality:

Survey Plan: Lot #:

Survey Claimant:

Northing: Easting:

SurveyPlan	LotNumber	Area	Claimant

LOT DATA COMPUTATION

Lot No.: 8088- B Date Surveyed: July 20, 2012 Sheet

Owner: SPS. RESTITUTO P. ZALDUA and LOTIS L. ZANDUA ANGEL T. PORMAL
Geodetic Engin

Location: SALOGON, SAN JOSE, CAMARINES SUR

Inv. Sym. & No.: _____

STATION	AZIMUTH	COORDINATES		LINE	BEARING
CORNER	DISTANCE	NORTHING	EASTING	DESC	DISTANCE
Reference: BLLM No.1, Cad-47, SAN JOSE CADASTRE		20,000.000	20,000.000	TP-1	S 04-4 4,796
1=1/Lot 8088-A		15,220.631	20,400.859	1-2 P.S.	S 78-1 23
2=6/Lot 8088-A		15,215.797	20,424.085	2-3 P.S.	S 09-0 10
2	327°01'	15,209.700	20,419.740		
3	4.99	15,205.514	20,422.457	3-4 P.S.	N 78-1 25
3	226°12'	15,205.230	20,391.770		
4	7.92	15,210.710	20,397.485	4-1 P.S.	N 18-4 10

= 256.00
Area (Sq.m.) - 256

Prepared _____ Input Data Checked by _____ Date _____ Date Approved _____

Printing of LDCs

Parcel Entry

Province: LAGUNA Municipality: NAGCARLAN Barangay: ABO Parcel ID: 187936

Lot Number: 16363 Block: GE Name: E. Marquez Tie Point ID: 6984 CAD 535, BLLM 1

Survey Plan: CAD 535 Claimant: MONREAL RUFINO Case: Module: Date Surveyed: 08/0

Parcel Source: Coordinates Bearing and Distance

F...	To	Northing	Easting	NS	Deg	Min	EW	Distance
0	1	1563414.260	544873.260	S	29	10	E	3828.15
1	2	1560071.620	546739.130	S	10	14	W	12.04
2	3	1560059.770	546736.990	S	09	57	E	28.99
3	4	1560031.220	546742.000	S	75	41	W	52.91
4	5	1560018.140	546690.730	N	22	44	W	21.81
5	6	1560038.260	546682.300	N	19	30	W	23.83
6	7	1560060.720	546674.350	N	75	49	E	34.15
7	1	1560069.090	546707.460	N	85	26	E	31.77

Computed Area = 2,567.97

Remarks: 0 Record Error

Length: 4,033.65

Buttons: LDC, Print, Save, Delete, Clear, Close

Job No.: 187936 Job Name: 16363

Owner: MONREAL RUFINO E. Marquez

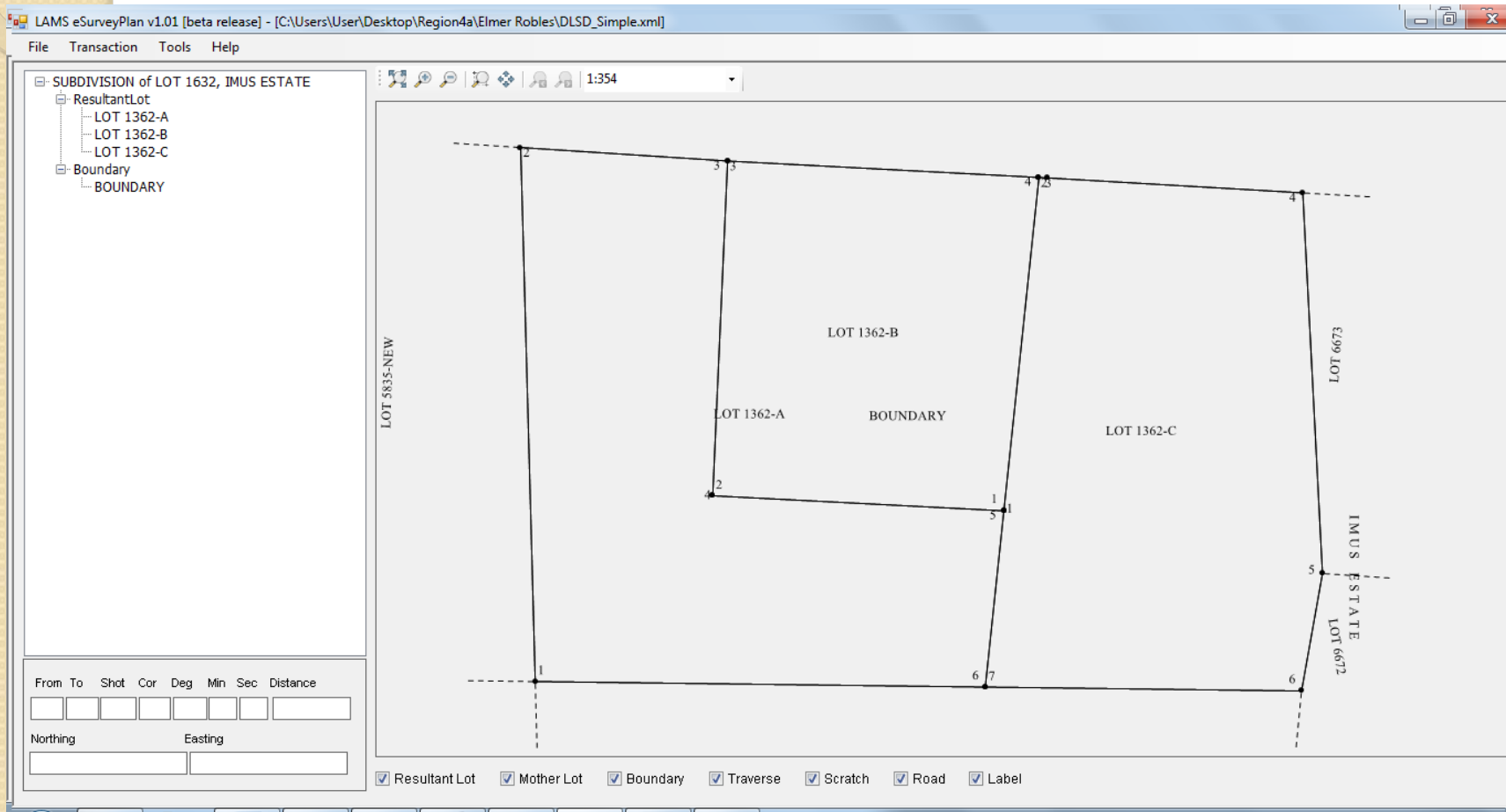
Location: ABO, NAGCARLAN, LAGUNA

Scale: 1:1000

LINE NO.	START POINT	END POINT	LENGTH	BEARING	AREA
1	1	2	12.04	S 10° 14' W	0.00
2	2	3	28.99	S 09° 57' E	0.00
3	3	4	52.91	S 75° 41' W	0.00
4	4	5	21.81	N 22° 44' W	0.00
5	5	6	23.83	N 19° 30' W	0.00
6	6	7	34.15	N 75° 49' E	0.00
7	7	1	31.77	N 85° 26' E	0.00

Prepared By: Input Data Checked By: Date: Date Approved:

Generation of Survey Plan



TTS of e-Survey Plan

The screenshot displays the LAMS eSurveyPlan v1.10 [beta release] interface. The main window shows a table of transactions with columns: TransactionId, CreateDate, ClientName, TrxTypeDescription, RequestedLocation, RequestedLot, WorkgroupDescription, and TrxStatusDescription. A secondary window is open, showing details for a transaction on 10/30/2014. This window includes a sub-table with columns: CreateDate, WorkgroupDescription, AssignWorkGroupDescription, UserName, and TrxStatusDescription. At the bottom of the console, there are buttons for 'View Details', 'Refresh', and 'Close'. Red callout boxes with arrows point to these buttons and the detailed transaction window.

TransactionId	CreateDate	ClientName	TrxTypeDescription	RequestedLocation	RequestedLot	WorkgroupDescription	TrxStatusDescription
3253	10/27/2014	Juan Dela Cruz	IVAS		subdivision of lot	Subscriber Workgroup	Active
3254	10/27/2014	Juan Dela Cruz	IVAS		subdivision of lot	Subscriber Workgroup	Active
3255	10/27/2014	Juan Dela Cruz	IVAS		subdivision of lot	Front Desk	Active
3256	10/27/2014	Juan Dela Cruz	Request to update Lot Data	90000		Subscriber Workgroup	Active
3291	10/30/2014	Juan Dela Cruz	Request to update Lot Data	CAVITE, AMADEO	CAD 482-D Lot 1000	Subscriber Workgroup	Active
3292	10/30/2014	Juan Dela Cruz	Request to update Lot Data	CAVITE, AMADEO	CAD 482-D Lot 1000	Subscriber Workgroup	Active
3288	10/30/2014	Juan Dela Cruz	IVAS	BATANGAS, AGONCILLO	subdivision of lot	Subscriber Workgroup	Active
3289	10/30/2014	Juan Dela Cruz	IVAS	BATANGAS, AGONCILLO	subdivision of lot	Subscriber Workgroup	Active

CreateDate	WorkgroupDescription	AssignWorkGroupDescription	UserName	TrxStatusDescription
14 May 14 3:55 PM	Front Desk	Encoding of Surve...	Gendy Evangelista	Transmitted
19 May 14 4:25 PM	Encoding of Survey Records	Front Desk	Julius Michael Otayde	Pending

console program showing list of transactions accessed thru the internet

refresh current list of transactions

view the routing details and status of a particular transaction

View Details Refresh Close

TRANSACTION CONSOLE

TP Inquiry @ Kiosk

The screenshot displays the LAMS KIOSK application interface. At the top, there is a search criteria section with fields for Transaction ID, Province, Municipality, GE, Claimant, and Lot, along with a 'Search >>>' button. Below this is a search result table with columns for ID, Location, Lot, Date, Claimant, and Status. A 'Select Reference Point' dialog box is open in the foreground, showing a list of municipalities on the left and a table of tie points on the right. A red arrow points to the 'Point Name' field in the dialog box. The dialog box also includes 'Select' and 'Close' buttons at the bottom right.

Select Reference Point

Point Name	Northing	0.000	Easting	0.000
Municipality				
SANTA CRUZ, LAGUNA	CAD 168, BBM 1	27620.950	11272.850	
SANTA MARIA, LAGUNA	CAD 168, BBM 12	23109.920	16955.100	
SANTA ROSA, LAGUNA	CAD 168, BBM 16	22025.330	11987.170	
SANTA TERESITA, BATANGAS	CAD 168, BBM 23	21452.340	14632.990	
SANTO TOMAS, BATANGAS	CAD 168, BBM 27	21350.100	17026.250	
SARIAAYA, QUEZON	CAD 168, BBM 28	20269.570	17061.030	
SILANG, CAVITE	CAD 168, BBM 29	20160.390	18489.650	
SINILOAN, LAGUNA	CAD 168, BBM 3	25540.760	10422.950	
TAAL, BATANGAS	CAD 168, BBM 32	19869.320	19411.520	
TAGAYTAY CITY, CAVITE	CAD 168, BBM 33	19884.060	19038.700	
TAGKAWAYAN, QUEZON	CAD 168, BBM 34	19823.210	19022.890	
TALISAY, BATANGAS	CAD 168, BBM 37	19272.230	19768.150	
TANAUAN CITY, BATANGAS	CAD 168, BBM 41	15998.550	16015.540	
TANAY, RIZAL	CAD 168, BBM 42	17282.750	16054.790	
TANZA, CAVITE	CAD 168, BBM 43	18245.460	15553.730	
TAYABAS, QUEZON	CAD 168, BBM 44	18726.810	16647.870	
TAYSAN, BATANGAS	CAD 168, BBM 45	19232.250	15538.990	
TAYTAY, RIZAL	CAD 168, BBM 47	18828.420	13475.100	

Upload DLSD Control Points Lot Inquiry View Details Close

TTS Inquiry @ Kiosk

LAMS KIOSK

Search Criteria

Transaction ID Province Municipality GE CO, JEANETTE

Claimant Lot Search >>>

Search Result

ID	Location	Lot	Date	Claimant	Status
151	GENERAL TRIAS, CAVITE	27 TO 46, BLK. 83, PCS-04-017962	10 Dec 2013	BDO STRATEGIC HOL...	Final Approval
152	GENERAL TRIAS, CAVITE	1 TO 26, BLK. 83, PCS-04-017962	10 Dec 2013	BDO STRATEGIC HOL...	Final Approval
153	GENERAL TRIAS, CAVITE				
154	GENERAL TRIAS, CAVITE				
237	GENERAL TRIAS, CAVITE				
238	GENERAL TRIAS, CAVITE				
239	GENERAL TRIAS, CAVITE				
595	GENERAL TRIAS, CAVITE				
757	DASMARIÑAS, CAVITE				
1390	GENERAL TRIAS, CAVITE				
1391	GENERAL TRIAS, CAVITE				
1393	GENERAL TRIAS, CAVITE				
1395	GENERAL TRIAS, CAVITE				
1396	GENERAL TRIAS, CAVITE				
1397	GENERAL TRIAS, CAVITE				
1398	GENERAL TRIAS, CAVITE				
1399	GENERAL TRIAS, CAVITE				
1400	GENERAL TRIAS, CAVITE				
1401	GENERAL TRIAS, CAVITE				
1402	GENERAL TRIAS, CAVITE				
1403	GENERAL TRIAS, CAVITE				
1404	GENERAL TRIAS, CAVITE				
1577	GENERAL TRIAS, CAVITE				
1586	GENERAL TRIAS, CAVITE				
1587	GENERAL TRIAS, CAVITE				
1588	GENERAL TRIAS, CAVITE				
1589	GENERAL TRIAS, CAVITE				
1590	GENERAL TRIAS, CAVITE				
1591	GENERAL TRIAS, CAVITE				
1592	GENERAL TRIAS, CAVITE	13 TO 18 BLK. 6, PCS-04-017962	25 Feb 2014	BDO STRATEGIC HOL...	Final Approval

Transaction Information

Transaction Info

Date / / Date Appr 03/31/2014 GE Name CO, JEANETTE

Survey Plan PCS 04-028874 Projection Local PTM PRS

Claimant BDO STRATEGIC HOLDINGS, INC. (FORMERLY PCIB PRO

Province CAVITE Survey Plan PCS-04-017962 Block Lot Number

Municipality GENERAL TRIAS PCS-04-017962 91 1

Barangay SANTIAGO PCS-04-017962 91 2

PCS-04-017962 91 3

Routing Details

Date	Current Unit	User	Last Entry on	Assigned To	Status
20 Mar 14 4:24 PM	Verification Unit	Nelayda Averion	27 Mar 14 7:12 AM	Cartographic Unit	Trans...
27 Mar 14 7:12 AM	Cartographic Unit	Manolito A. Jacinto	31 Mar 14 12:04 PM	Final Verification	Trans...
31 Mar 14 12:04 ...	Final Verification	Editha Lumaoang	31 Mar 14 12:41 PM	Verification Unit	Trans...
31 Mar 14 12:41 ...	Verification Unit	Nelayda Averion	31 Mar 14 1:32 PM	Final Verification	Trans...
31 Mar 14 1:32 PM	Final Verification	Editha Lumaoang	31 Mar 14 2:46 PM	OOSS-FD	Trans...
31 Mar 14 2:46 PM	OOSS-FD	Luz B. Dumon	31 Mar 14 2:46 PM	Recommending Approval	Trans...
31 Mar 14 2:46 PM	Recommending Approval	EDGAR S. BARRACA	31 Mar 14 3:34 PM	Final Approval	Trans...
31 Mar 14 3:34 PM	Final Approval	Eden Natividad Daliva	31 Mar 14 6:53 PM	Records Section	Appro...

Action Create new IVAS

Remarks

Close

Upload DLSD Control Points Lot Inquiry View Details Close

DLSD uploading @ Kiosk

LAMS KIOSK

Search Criteria

Transaction ID Province Municipality GE
Claimant Lot Search >>>

Uploading of DLSD file

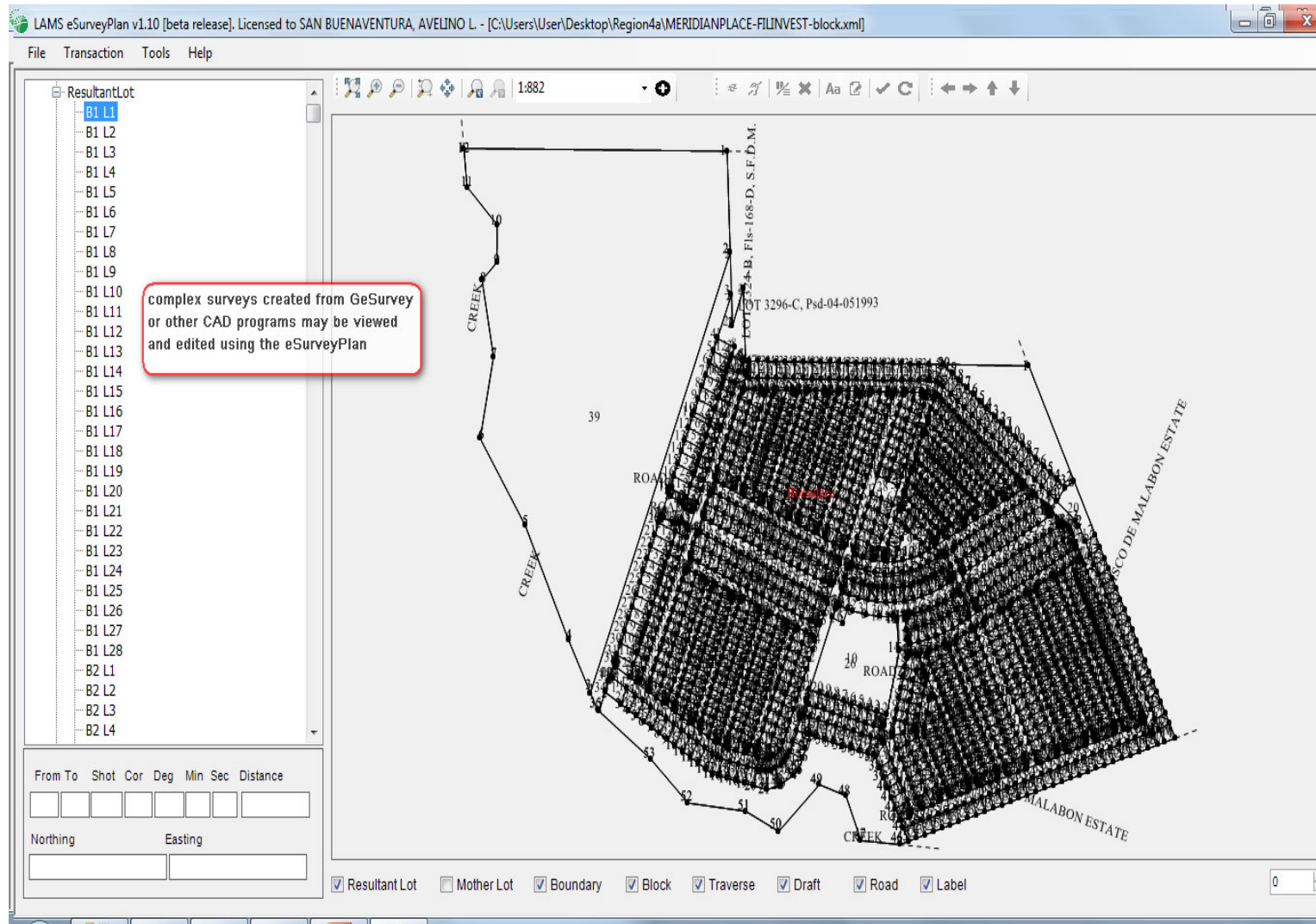
Province	BATANGAS	Date Surveyed	01/17/2014	Survey Ended	01/17/2014
Municipality	TANAUAN CITY	Tie Point ID	3185	CAD 168, BBM 1	
Barangay	DARASA	Projection	<input checked="" type="radio"/> Local <input type="radio"/> PTM <input type="radio"/> PRS		
Location	DARASA, TANAUAN CITY BATANGAS		GE License	487 MAMARIL, OLIVER	
Lot	SUBDIVISION PLAN AMARE				

1:204

Upload Cancel

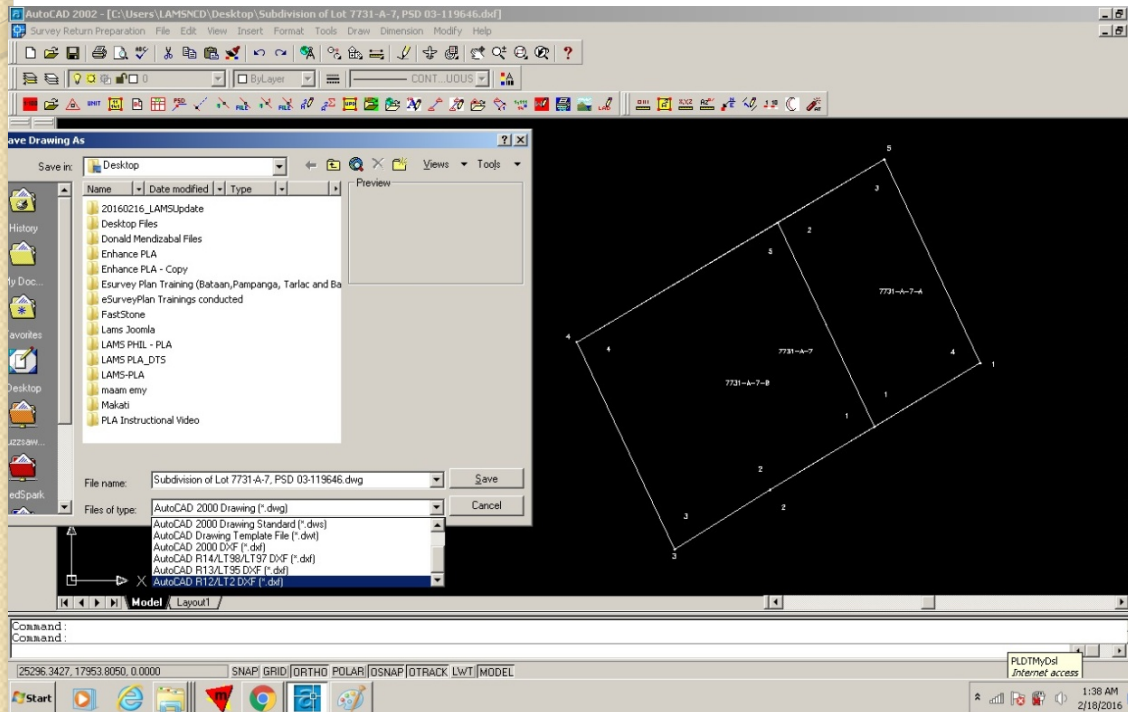
Upload DLSD Control Points Lot Inquiry View Details Close

CAD application uploaded in e-Survey Plan

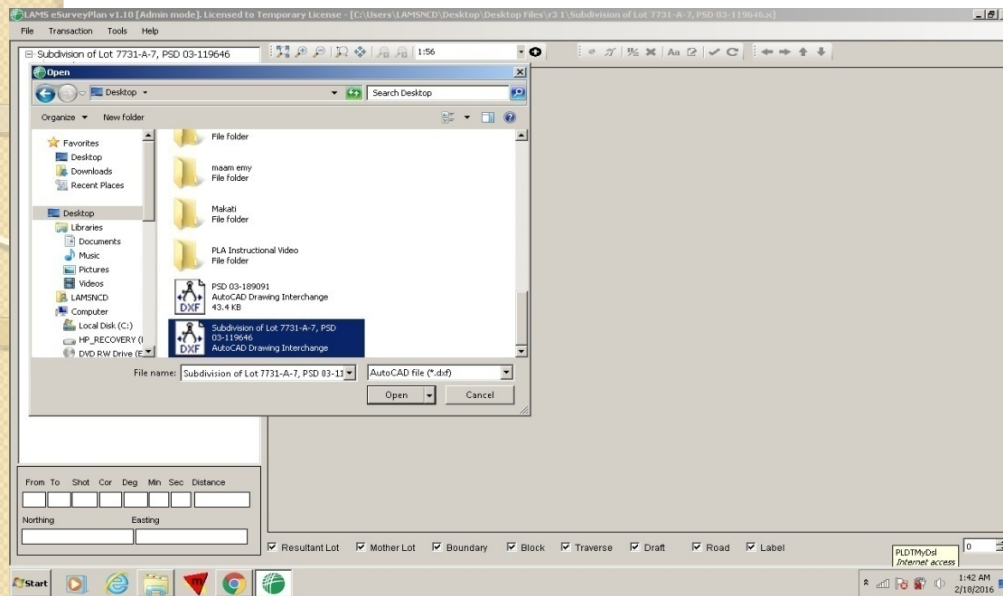


COMPLEX SUBDIVISION CREATED FROM OTHER APPLICATION

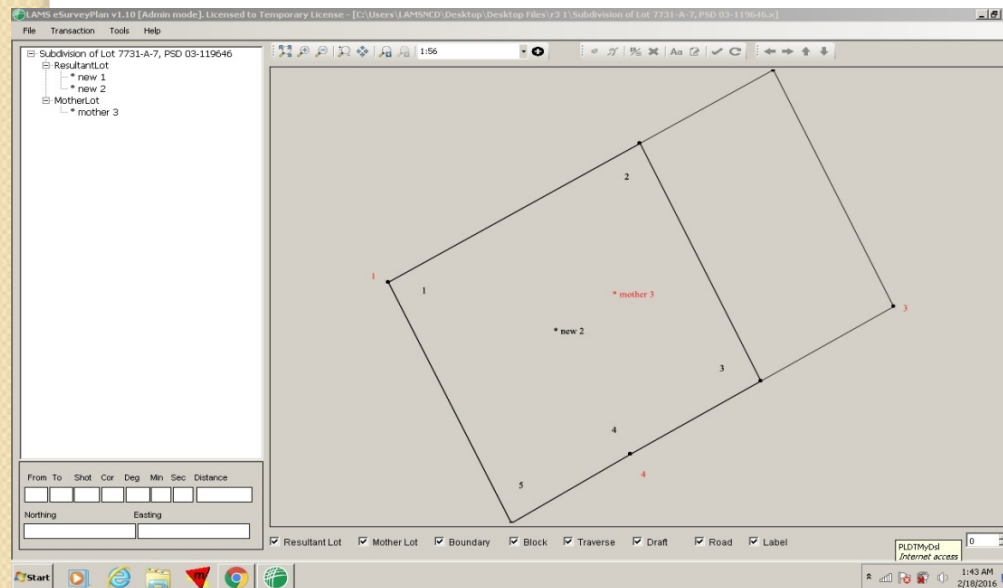
Importing Autocad files to E-survey Plan



From AutoCad



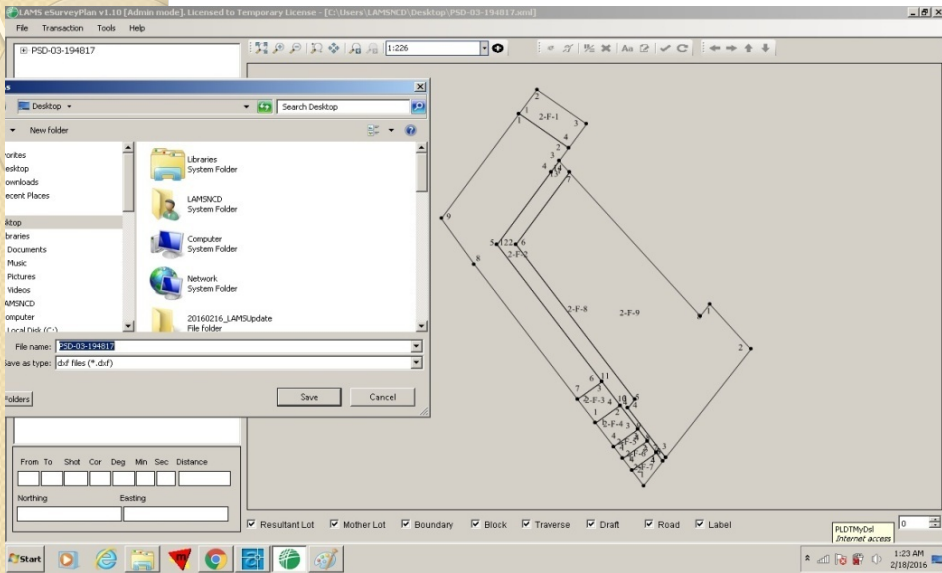
Open the dxf file in
E-survey plan



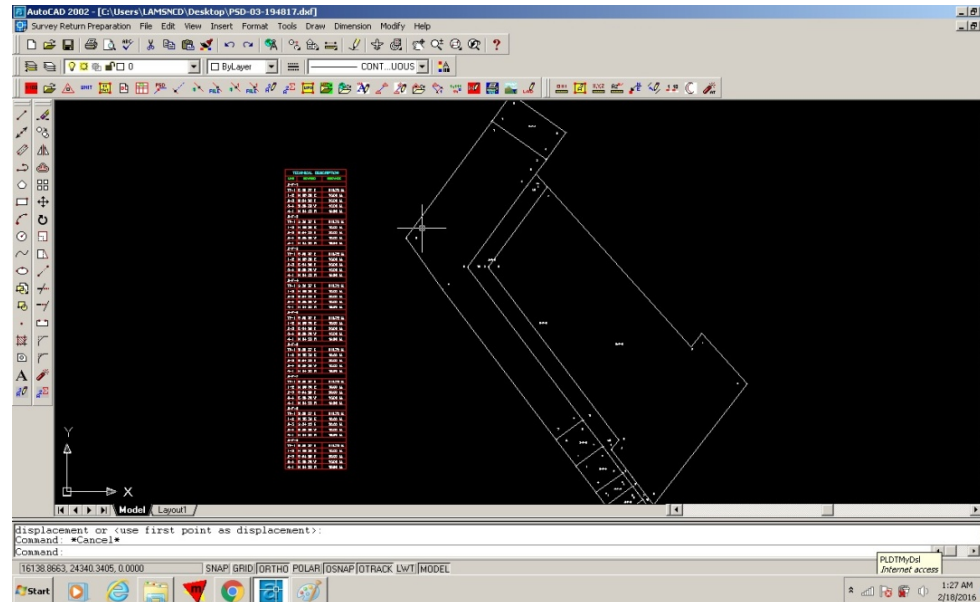
Output from autocad

Exporting E-survey plan to Autocad

Export file to autocad
from E-surveyplan



From E-survey plan to
Autocad



E-Survey Plan Windows Application



❑ ADVANTAGES

1. can control who uses the app by distributing the program with registration keys (PKI, GE license number)
 - we can/need to identify who accesses the LAMS database
 - can meet the requirement of eCommerce Law by identifying the origin or recipient of data
2. user responsive application
3. can work offline, connection to regional office can be established on demand
4. ClickOnce deployment
5. GIS enabled (open source GIS)

❑ DISADVANTAGE

1. require app to be installed on a personal computer/laptop

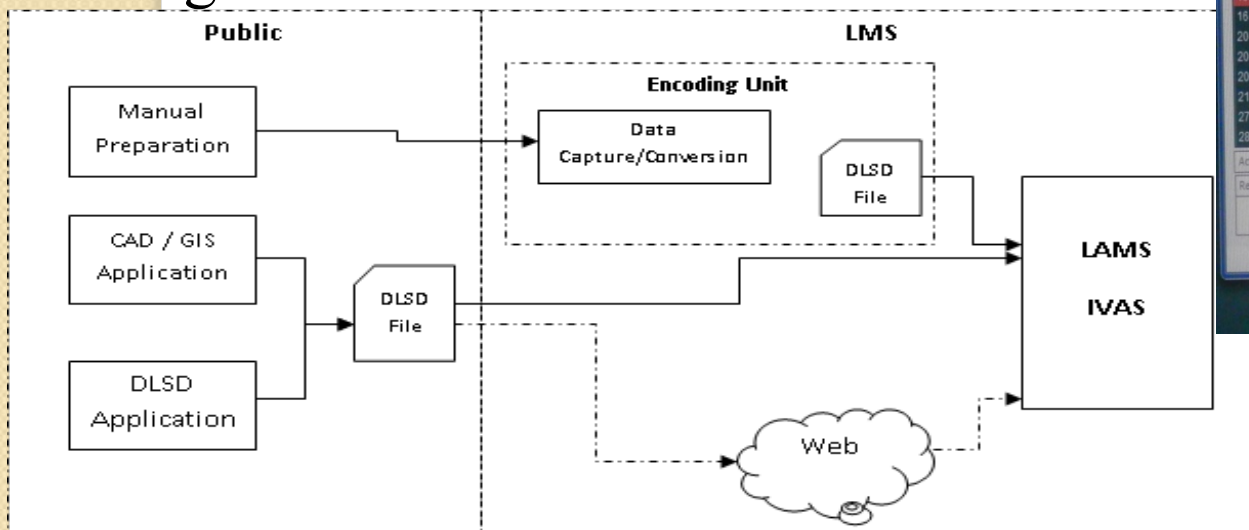
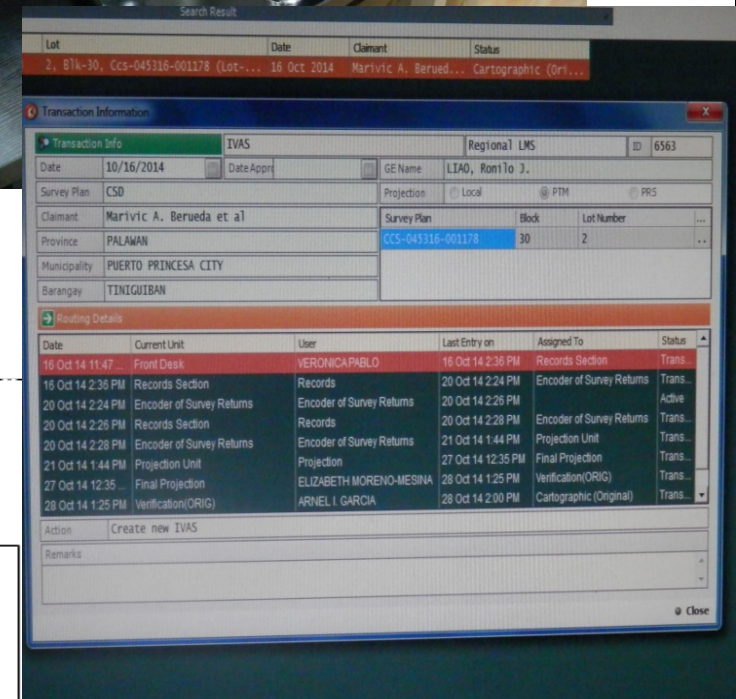
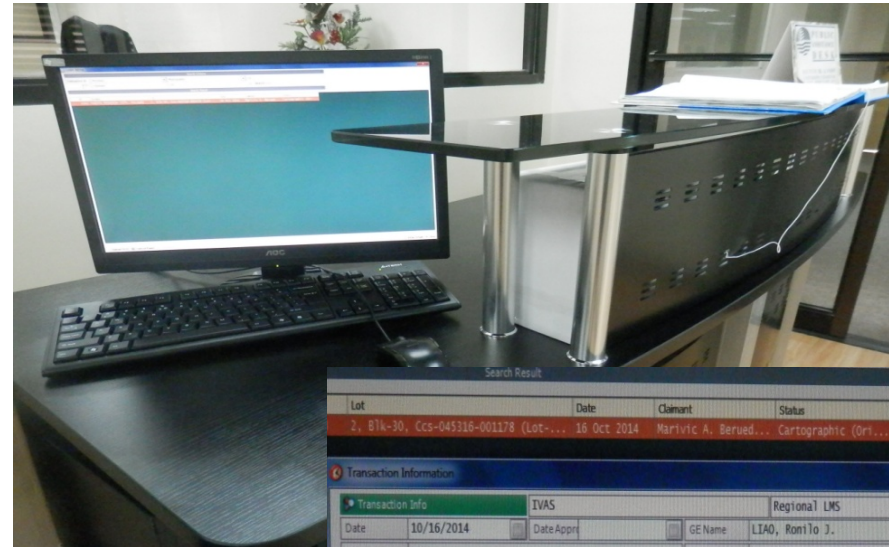
E-Survey Plan Subscribers

1. Geodetic Engineers
 - Submit DLSD file
 - Download LDC, Survey Plan, Supporting Docs
 - Download Narrative TD, V-37, DLSD of lots, Sketch Plans, etc.
 - Inquire on the status of transactions
2. Local Government Units [Assessor]
 - Inquire on Lot Data Computation, Survey Plan
 - Download DLSD of lots
3. Other Government Agencies
 - DAR
 - LRA
4. Real Estate Companies

LAMS Philippines Operational Benefits

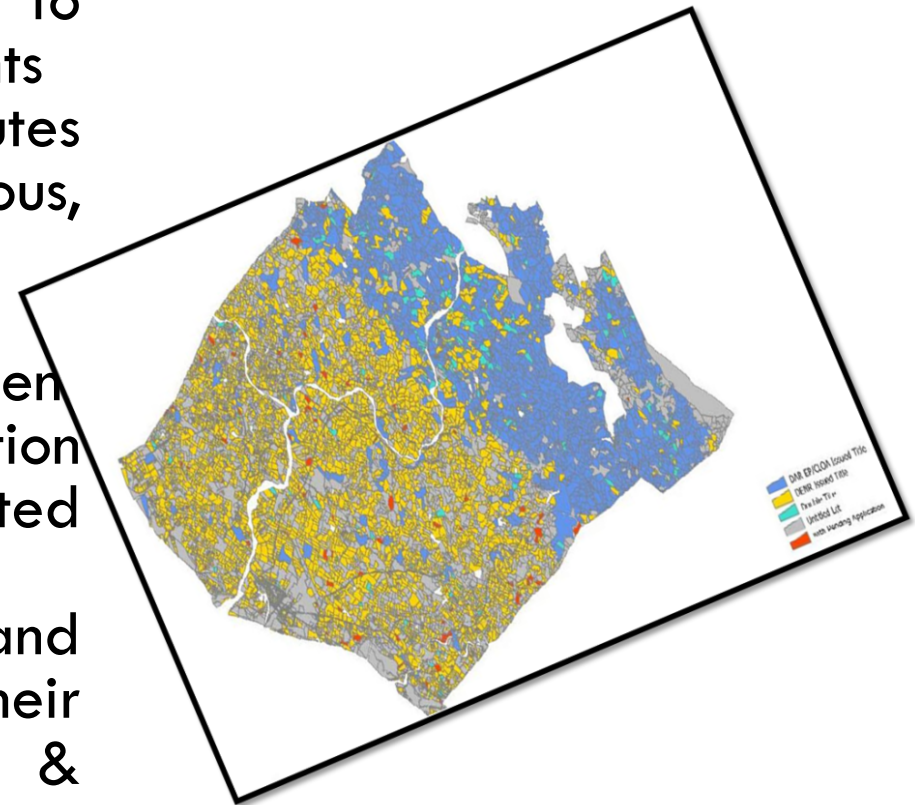
❖ Digital submission of survey returns through Digital Land Survey Data(DLSD) generated under the E-survey Plan;

❖ Inquiry and lodgment at Kiosk located in the DENR Regional Offices

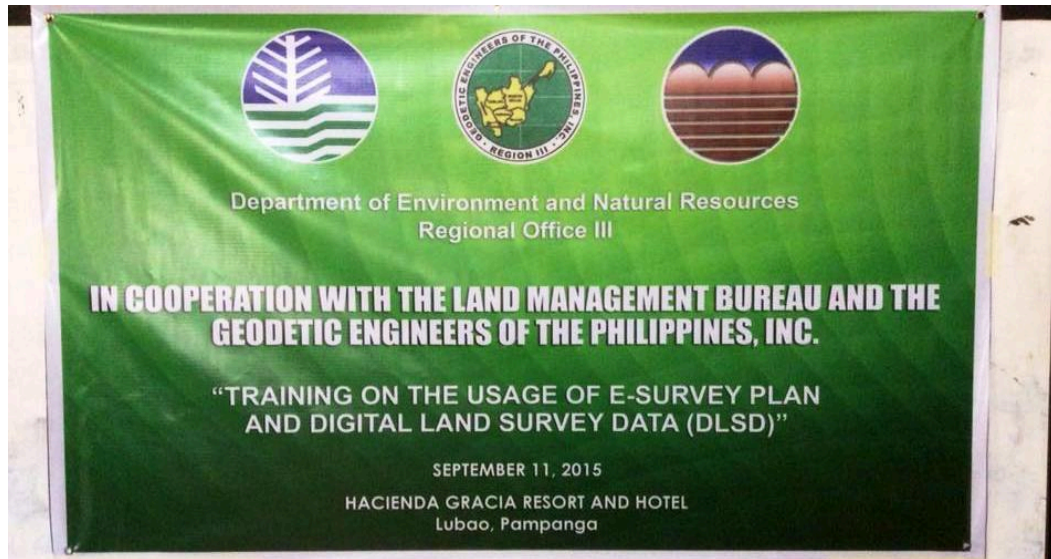


LAMS Philippines Operational Benefits

1. Improved access to land records & information at reduced costs to government, private & public clients
2. Reduced land conflicts/disputes brought about by erroneous, overlapping or missing records
3. Double titling are avoided
4. Improved land records management & maintain up-to-date information through linkage with other related systems
5. Provision of accurate land information to LGUs to support their resource/development planning & tax mapping



E-Survey Plan Trainings





Geodetic Engineers of the Philippines, Inc.
Regional Division III
Nueva Ecija – Aurora Chapters

**TRAINING IN THE USAGE OF E-SURVEY PLAN
AND DIGITAL LAND SURVEY DATA (DLSD)**

In cooperation with the Land Management Bureau and
Department of Environment and Natural Resources

January 29, 2016
De Luxe Hotel, Cabanatuan City



 **GEODETIC ENGINEERS of the PHILIPPINES, INC.**
REGIONAL DIVISION III
Bataan, Pampanga, Tarlac and Zambales Chapters 

**TRAINING IN THE USAGE OF E-SURVEY PLAN
AND DIGITAL LAND SURVEY DATA (DLSD)**
in cooperation with
**THE LAND MANAGEMENT BUREAU AND DEPARTMENT
OF ENVIRONMENT AND NATURAL RESOURCES**

February 12, 2016
City Belt Event Center, City of San Fernando, Pampanga



***THANK YOU
FOR YOUR
ATTENTION!***



Venus and Nymphs Bathing by Louis Jean-François Lagrenée. Picture: KARIM SAHIB/AFP/Getty Images

