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2017



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Sri Lanka Survey Department
இலங்கை நில அளவைத் திணைக்களம்

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Performance Report of the Surveyor General for the year - 2017

1.0 Introduction

Pioneering surveying and mapping activities in the fields such as Land Surveying, Mapping, Remote Sensing technological Methods, Global Positioning Systems (GPS), Geographical Information Systems (GIS), Land Information Systems (LIS) and Photogrammetric Activities and Geodetic Surveys, have been statutorily assigned to the Survey Department. The Department was able to make these fields to more information technology contributed fields with rapid development of technology.

Geographical Name Branch established in the Survey Department have taken steps to standardize and publish geographical names. The branch named “Geographical Names and National Spatial Data Infrastructure (NSDI)” accomplishes a great service for sharing of land related information cooperatively with other organizations who are interested in land information.

The Department made different kind of contribution in numerous ways for the government development projects. Preparation of plans, surveying the lands, a basic need for development programs such as high ways, expansion of roads, initiation of airport, harbor, tourist projects, power and energy projects, have been properly fulfilled.

Similarly, by fulfilling surveys and mapping activities required for implementation of recommendations of LLRC report, the department has made maximum contribution. Preparation of maps required for delimitation for election process has been completed. The map prepared in Grama Niladhari Division level was launched in this year.

Establishment of Geodetic Control Network and upgrading it to a higher accuracy introducing the Global Positioning System (GPS), and since the establishment of Sri Lanka Continuous Operation Reference System (SLCORS) network by Global Navigation Satellite System (GNSS) technology, fulfilling of geodetic requirements in western province and in nearby several districts has been made easy. Action has been taken to distribute this for the other districts also.

Preparation and update of the 1:50,000 Topographical Map series replacing the One Inch Topographical map series, preparation of 1 : 10,000 Topographical Map Series so as to cover the entire country, preparation of National Atlas in three languages, maintenance of data base relevant to preparation of Colombo and suburb, town maps in the scale of 1:2000, preparation and maintenance a Topographical Vector Databases in the scale of 1: 250,000, 1:50,000 and 1:10,000, introducing of LiDAR Technology to Sri Lanka, providing of data required for disaster management and preparation of maps are only the few of the great services which have been accomplished.

Further, the Department is actively contributing by carrying out surveys and preparation of ‘cadastral plans’ for the 'Bimsaviya' Program undertaken by Ministry of Land and Land Development with a view to issue title certificates.

Similarly, an expeditious program is being prepared for surveying of 1.1 million allotments for distribution of state lands under grants.

A web site named On line Surveying and Mapping Service (e-SAMA) has been created for providing of services promptly to the public and to purchase maps and digital data through the internet.

When requests are made by customers to obtain data in the scale of 1:10000 and 1:50000, facilities have been provided through the GI-Arcs software to download the required data through the internet.

Entering information about letters received to the Surveyor General Office, to the data system, a program has been created to follow up it and lunched to the internet through the department web site. The branches to which all these letters have been sent can be identified through this and information of action taken in that regard can be found.

Action has been taken for human resource development in this year too and officers have been referred for local and foreign trainings. Action has been taken to purchase 74 photocopiers, 44 computers, 93 computer printers, 193 laptop computers, 50 Total Stations, 30 GNSS receivers, 6 digital levels required for the departmental activities.

Institute of Surveying and Mapping, Diyatalawa, the training institute of the Department has accomplished the task of imparting of high quality educational experience in the subject of Surveying and Mapping so as to enable the students to fulfill total educational competencies. Degree courses, higher diploma courses, diploma courses and certificate courses are conducted by this department and training of officers as per departmental requirement also is fulfilled.

The North Western Province office of Survey Department won the third place and the Head Office and the Institute of Surveying and Mapping in Diyatalawa won special merit certificates. in the national productivity awards competition conducted by the National Productivity Secretariat in 2015. With the intention of creating more productive and public friendly service provided department, obtaining the active contribution of the field and office group of staff to continue and enhance this circumstance, the productivity program of the Survey Department is further continued.

The cases relating to the department is handled by the legal branch of the department and good progress has been achieved through this . Similarly, human rights and judicial activities which the department involves can be solved shortly.

1.1 Vision

Our Vision is to be “The Leader of Land Information Right through”.

1.2 Mission

“To provide high quality land information products and services through professionally qualified and dedicated personnel”.

1.3 Objectives

Arrangements have been made to provide the departmental service to the general public through an office network, which is dispersed island wide, consisting of provincial offices, district offices and Institute of Surveying and Mapping-Diyatalawa governed by the head office-Colombo. Functions of all these offices during the year under review were targeted for the following objectives.

- Completion of the annual program of survey training and surveying & mapping
- Training of the Staff.
- Construction and maintenance of the immovable and movable resources required for programs expected to complete during the year.
- Use of the government funds for each purpose which have to be completed during the year.
- Maintaining of discipline of the departmental staff and the welfare.
- Maintaining and controlling of standards of surveying profession.

1.4 Role

- Establishment of a Geodetic Control Network and conducting of it island wide.
- Providing of survey services for the all the statutory requirements.
- Providing of aerial photographs that require for mapping and development plans.
- Preparation and publishing of Topographical maps, Thematic Maps and Special purposes maps for national requirements.
- Preparation of a Geographical Information System so as to cover the entire Sri Lanka.
- Preparation of a land information system systematically so as to cover the entire Sri Lanka.
- Obtaining of geographical/ land information, using the satellite image technology.
- Maintaining of standards that require for the surveying profession systematically
- Training of the staff, required for the departmental requirements.
- Providing of consultancy services on surveying for the government institutions.
- Conducting of examinations relevant to the departmental staff.
- Conducting of researches that can be required for the matters relevant to surveying of lands.
- Issue of Certificates of Accreditation for the registered surveyors who wish to carry out surveys, under the Title Registration Act No, 21 of 1998.

2.0 Staff Organizational Structure

As the head of the department, the Surveyor General is responsible for maintaining of the performance levels that requires for carrying out the role of the department and his powers have been delegated to the officials in various levels (*Pl.see Annexure 01*).

3.0 Human Resources Management

Officers have been recruited to the Department in 2017 as follows.

Designation	Number of Officers recruited
Development officer	24
P.M.A.S.	10
Survey field assistant	291
Office Labourer	10

3.1 Staff

Full details of the Staff of the Department are given below. Shortages in approved cadre in different services in the department were existed in the year under review too as in the previous year. However, the functions planned for the year, as well as additional and urgent work that arouse due to government development projects were accomplished even amid difficulties.

Serial No.	Designation	Approved Cadre	Staff in 2006	Retirement	Transfers		Left the post to		Left the post to secure & other posts	Recruitments	Promotions	Staff at the end of the year
					Out	In						
1.	Surveyor General	01	01	-	-	-	-			-		01
2.	Addl. Surveyor General	03	03	02	-	-	-			-	02	03
3.	Senior Deputy Surveyor General	05	05	-	-	-	-			-		05
4.	Deputy Surveyor General/Provincial Surveyor General	15	15	02	-	-	-				02	15
5.	Snr. Supdt. of Surveys	60	57	-								57
6.	Supdt. of Surveys	139	22	7	-	-	-			-	82	97
7.	Asst. Supdt. of Surveys/Surveyors/ Apprentice Surveyors	850	849	15	-	-	-			-		834
8.	Chief Technical and Administrative Officer	01	0	01	-	-	-			-		0
9.	Map Production Officer	01	0	01	-	-	-			-		0
10.	Technical and Administrative Officer	45	26	04	-	-	-			-	01	23
11.	Snr. Map Technological Officer	56	43	03	-	-	-			-		40
12.	Map Technological Officer-I,11,111 & Training Grade	574	379	07	-	-	-		06	-	03	366

13.	Navigator	01	01	-	-	-	-	-	-	-	01
14.	Photogrammetrist	01	-	-	-	-	-	-	-	-	0
15.	Snr. Photogrammetric Technological Officer	04	03	01	-	-	-	-	-	-	02
16.	Photogrammetric Technological Officer – I, II, III & Training grade	26	21		01	-	-	-	-	-	22
17.	Snr. Remote Sensing Technological Officer	01	01	01	-	-	-	-	-	-	0
18.	Remote Sensing Technological Officer – I, II, III & Training Grade	13	11	01	-	-	-	-	-	-	10
19.	Snr. Air Photographic Technological Officer	01	01	-	-	-	-	-	-	-	01
20.	Air Photographic Technological Officer–I, II, III & Training Grade	06	05	-	-	-	-	-	-	-	05
21.	Snr.Litho Technological Officer	03	01	-	-	-	-	-	-	-	01
22.	Litho Technological Officer – I, II, III & Training Grade	15	09	-	-	-	-	-	-	-	09
23.	Snr.Plan Typographic Technological Officer	01	0	0	-	-	-	-	-	-	0
24.	Plan Typographic Technological Officer – I, II,	07	03	-	-	-	-	-	-	-	03
25.	Transport Officer	01	0	-	-	-	-	-	-	-	0
26.	Information Technology Assistant	01	01	-	-	-	-	-	-	-	01
27.	Programmer III	01	0	-	-	-	-	-	-	-	0
28.	Data Operator	01	01	-	-	-	-	-	-	-	01
29.	Legal Officer	01	01	-	-	-	-	-	-	-	01
30.	Legal Assistant	02	0	-	-	-	-	-	-	-	0
31.	Building Supervisor	01	0	-	-	-	-	-	-	-	0
32.	Survey Instrument Technician - Selection Grade	02	01	-	-	-	-	-	-	01	02
33.	Survey Instrument Technician – I, II, III	15	05	-	-	-	-	-	-	01	04
34.	Carpenter I,II	09	03	-	-	-	-	-	-	-	03
35.	Welder	01	01	-	-	-	-	-	-	-	01
36.	Tool Labourer	04	04	-	-	-	-	-	-	-	04
37.	Lorry Cleaner	07	06	-	-	-	-	-	-	-	06
38.	Map Mounter & Book Binder	04	03	-	-	-	-	-	-	-	03
39.	Plan Repairer	07	02	-	-	-	-	-	-	-	02
40.	A/C Technician	01	01	-	-	-	-	-	-	-	01
41.	Mason	01	0	-	-	-	-	-	-	-	0
42.	Circuit Bungalow Keeper	05	04	-	-	-	-	-	-	-	04
43.	Dark Room Assistant	04	03	-	-	-	-	-	-	-	03
44.	Photocopy Machine Operator	01	01	-	-	-	-	-	-	-	01
45.	Departmental Labourer	170	162	03	-	-	12	-	10	-	157
46.	Motor Mechanic	02	01	-	-	-	-	-	-	-	01
47.	Data Entry Operator	02	0	-	-	-	-	-	-	-	0
48.	Addl.SG.(Human Resources and Administration)	01	01	-	-	-	-	-	-	-	01
49.	Sri Lanka Administrative Service-1	01	01	-	-	-	-	-	-	-	01

50.	Sri Lanka Administrative Service-111/11	02	01	-	-	-	-	-	-	-	01
51.	Sri Lanka Accountant Service class 1	01	01	-	-	-	-	-	-	01	01
52.	Sri Lanka Accountant Service class 111/11	12	09	-	01	01	-	-	-	9	10
53.	Internal Auditor	01	01	-	-	-	-	-	-	01	01
54.	Translator	04	01	-	-	-	-	-	-	-	01
55.	Assistant Translator	01	-	-	-	-	-	-	-	-	-
56.	Administrative Officer	01	-	-	-	-	-	-	-	-	-
57.	P.M.A.S.1//11/111	488	406	15	56	43	03	-	10	08	393
58.	Development Officer	166	106	-	01	02	06	-	24	-	106
59.	Asst. Director / Information Technology and Communication	01	0	-	-	-	-	-	01	-	01
60.	Information and Communication officer	08	08	-	01	-	-	-	-	-	07
61.	Information and Communication Technological Assistant	22	18	-	01	-	-	-	-	-	17
62.	Combined services Drivers Service Sp./11/111	319	269	12	22	31	02	01	-	04	263
63.	Office Employees' Service I/11/111	207	135	04	04	09	-	-	-	-	135
64.	Survey Field Assistant grade 1,11,111	4154	3289	168	-	-	-	-	291	-	3412
65.	System Operator	02	-	-	-	-	-	-	-	-	0

3.2 Transfers

The annual transfers of Provincial Surveyor Generals, Snr. Deputy Surveyor Generals, Deputy Surveyor Generals, Snr. Supdts.of Surveys, Supdts.of Surveys, Government Surveyors, Technical and Administrative Officers, Map Technological Officers, Survey Field Assistants and Departmental Labours, were implemented in accordance with the prescribed procedure. Annual transfers of the officers of the Combined Services were also implemented within the department and in terms of the transfer orders of the Combined Service.

Accordingly, one person in Sri Lanka Accountant Service, 56 public management assistant officers, 01 development officer, 01 information and communication technology assistant, 01 information and communication technology assistant, 22 in combined driver's service and 04 in office employee service have transferred outside the department and, an accountant, 43 in public management assistant service, 02 development officers, 31 in combined drivers' service and 09 in office employee service have transferred to the department.

Similarly, 06 map technological officers and 12 departmental labours have left the posts.

10 in public management assistant service, 24 development officers, 291 Survey Field Assistants, 10 departmental labours, and an information and communication technology assistant director have been recruited during the year 2017.

3.3 Activities in Establishment Branch

Although the prescribed cadre in many services is not existed during the year under review, activities required for the completion of the targets planned, have been fulfilled.

Serial No.	Description	Previous Year 2016			Current Year -2017		
		No. Received	Approved	Balance	No. Received	Approved	Balance
1	Recruitments	605	296	309	318	296	331
2	Examinations held@	121	121	0	01	01	0
3	Interviews held	72	01	09	09	09	01
4	Confirmation of service	182	105	77	361	410	28
5	Promotions	555	547	08	281	269	20
6	Payment of increments	2377	2109	268	2730	2377	621
7	Extension of service	02	02	0	0	0	0
8	Preparation of scheme of recruitment	01	01	0	02	01	01
9	Vacation of post	42	41	01	37	37	01
10	Interdictions	01	01	0	03	02	01
11	Reinstate	13	12	01	04	03	02
12	Disciplinary Inquiries	0	0	0	0	0	0
13	Approval of leave to go abroad	76	76	0	110	110	0
14	Foreign Scholarships#	01	01	0	0	0	0
15	Cabinet Papers	0	0	0	0	0	0
16	Commencing of bonds	73	73	0	0	0	0
17	Release of bonds	06	05	01	53	01	53
18	Grant of loans - Property	32	32	0	42	42	0

@ For exams please see para 12.0 # For foreign scholarships Please see para 3.4

3.4 Human Resource Development

Eighteen opportunities out of 20, received for foreign trainings were short term opportunities. Similarly, 93 officers participated for 33 local trainings. Also 10 workshops and awareness program organized by the department itself have been conducted. 2014 officers participated for them

Local Training (Short term course) – 2017

No	Course Title	Institute	Participated Category	No. of Officers participated
01	Fixed assets auditing	Prag Institute	P.M.A	02
02	Common problems encountered in local constructions.	CIDA	Snr.D.S.G./ Legal Officer	02
03	Lecture on human confidence	National Human Resources Development Council of Sri Lanka	Snr.S.S./T.A.O.	02
04	Administration on office instruments	SDFL	P.M.A	03
05	Maintaining of a personal file	SDFL	P.M.A	02
06	Lecture on Enhancement of accounting skills of the public sector	Ministry of national policies and economic affairs	Director (Finance)/Asst. Director Finance (Western)	02
07	Workshop on preparation of cabinet memorandums and submission	SDFL	Director(Finance)/ Snr.S.S.	05
08	Workshop on Vehicle fleet management	Prag Institute	Snr.S.S.	01
09	preparation of Advance accounts of government officers	SDFL	P.M.A	02
10	Workshop on I.T. procurement management	Distance Learning Centre LTD	Snr.S.S	01
11	Computerized government Payroll system	MILODA	P.M.A.	01
12	State property loss and damages	Prag Institute	Snr.D.S.G./ Director(Finance)	02
13	Seminar on Digital doors to trade	Sri Lanka Export Development Board	Snr.S.S/ Asst. Director (I.T)	03
14	Workshops in ICTer Conference 2017	University of Colombo	M.T.O.	01
15	Workshop on Audit Queries and performance auditing	Prag Institute	Snr. S.S.	01
16	Cyber security Nexus fundamentals	ICTA	M.T.O.	01
17	Lecture on good governance and role of the public service	National Human Resources Development Council of Sri Lanka	Snr.S.S./ S.S.	02

18	Workshop on Recruitment procedure	SDFL	P.M.A	01
19	Lecture on Cyber security talks	National Human Resources Development Council of Sri Lanka	Asst. Director(ICT)/ M.T.O.	02
20	Lecture on introducing the productive work methods for public sector	National Human Resources Development Council of Sri Lanka	Asst. Director (Administration)	01
21	Public speaking skills for senior managers	SLIDA	T.A.O.	02
22	Bid Evaluation	SLIDA	Snr. S.S.	01
23	Law for administrators	SLIDA	Snr. S.S.	01
24	Public financial management for non-financial managers	SLIDA	Snr. S.S.	01
25	Essence of public procurement	SLIDA	Snr. S.S./ T.A.O./ S.S.	04
26	Soft skills for decision makers	SLIDA	Snr. S.S.	02
27	E Government and security	SLIDA	Snr. S.S.	01

Local Training (Long term course) – 2017

No.	Course Title	Institute	Participated Category	No. of Officers participated
01	Java Training program	SLIIT	App.surveyor/ Govt.Surveyor/ M.T.O./A.P.T. O.	20
02	Postgree SQL + QGIS Program	University of Colombo	App.surveyor/ Govt.Surveyor/ M.T.O./I.C.T.O .	20
03	G.I.S. course	University of Colombo	S.S.	01
04	Certificate Course on Store Keeping	Construction Instrument Traning Center	P.M.A.	01
05	Advance certificate course in contract and procurement management	CIDA	Snr. S.S.	01
06	Higher national diploma in public procurement & contract administration	SLIDA	Snr. S.S.	01

Workshops organized by the Survey Department

No	Course Title	Participated Category	No. of Officers participated
01	Work shop on auditing	Ad.S.G./ Snr.D.S.G /D.S.G./P.S.G./Snr.S.S.	123
02	Work shop on BimSaviya Parcel Fabric and right to information act	S.G./Ad.S.G./Snr.D.S.G/D.S.G./ P.S.G. Snr.S.S./Ch.T.A.O./ Asst. Director (Finance)	92
03	Work shop of preparation of salary and salary conversion	Snr.D.S.G. (Administration) / Asst. Director (Administration)/D.O./P.M.A.	63
04	Workshop on CIGAS	C.A./Asst. Director (Finance)/D.O./ P.M.A.	49
05	Workshop on disciplinary procedure	Addl.S.G./C.A./ Snr.D.S.G./D.S.G./P.S.G./Snr.S.S./ Asst. Director (Finance)	74
06	Workshop on Mapping	M.T.O./A.P.T.O./ P.T.O./R.S.T.O.	102

In addition to this training programs in provincial level have been conducted to train the field officers and staff in primary grade.

No.	Course Title	Participated Category	No. of Officers participated
01	Making awareness about use of Hurims, Srims, Data system and Court Surveys	Govt. Surveyor	691
02	Making awareness about update of maps and duties relating to them	M.T.O.	280
03	Making awareness about duties and responsibilities of chief survey field assistants.	chief survey field assistants.	270
04	Making awareness about behavior and discipline of public servants	D.L./K.K.S	270

Foreign Training and Workshops

No.	Name of Scholarship/ Training/Workshop	Name	Designation	Country	Period	
					From	To
1	China satellite data sharing for Geospatial information technology applications	Mr. D.N.D. Hettiarachchi	Snr.Deputy Surveyor General	China	4-Jan	7-Jan
2		Mr. K.R. Sarath	Snr.S.S			
3	Anniversary Celebration of 250 th of Indian Surveys	Mr. P.M.P. Udayakantha	Surveyor General	India	23-Jan	25-Jan
4	JICA Young ladies training program- 2016 disaster management	Mr. S. B. Lankachandra	Govt Surveyor	Japan	30-Jan	17-Feb
5	Forum of cities in future	Mr. M.N.Amarasiri	Snr.S.S	China	10- May	12- May
6	KARI International space training program	Mr. O.G.W. Sunil	Snr.S.S	Korea	7-Mar	14-Mar
7		Mrs. P.A.T.S.Perera				
8	2016 ESRI User conference	Mr. S.D.P.J.Dampegama	Additional Surveyor General	USA-San Diago	8- July	14- July
9	Way forward in Surveying & Mapping practice	Mr. I.S. Siriwardane	Govt. Surveyor	Malayasia	6-Aug.	18- Aug
10		Mrs. S. Ranatunga				
11	22 nd Post graduate course in remote sensing	Ms. W. V. N. Sudarshanie	RSTO	India	1-July17	31-Mar18
12	7th session of the UN committee of experts on Global Geospatial Information Management (UNGGIM)	Mr. S.M.P.P.Sangakkara	Additional Surveyor General	NewYork	31-July.	4- Aug
13	Work shop on Land record management and information system	Mr. P.M.P. Udayakantha	Surveyor General	Thailand	12-Jun	13-Jun
14	UAV Training	Mr. W.C.L.C. Perera	Snr.S.S	India	12-Jun	16-Jun
15	Smart Geospatial Expo 2017	Mr. K.D.Paiakum Shantha	Diputy Surveyor General	Korea	30-Aug	1-Sep
16	CRS conference	Mr. P.M.P. Udayakantha	Surveyor General	India	23-Oct	27-Oct
17	Australian award scholarship	Mrs. A.C.S.C. Perera	Snr.Deputy Surveyor General	Australia	12-Nov.	9 Dec.
18		Mr. W.M.S.W. Madanayaka	Govt Surveyor			
19	International workshop on legal & policy frame work for Geospatial Information management	Mr. G.W. Chandraratne	Snr.S.S	China	7- Nov.	9- Nov.
20	HXGN Local 2017 Annual conference	Mr. Gamini Dharmapriya	Snr.S.S	India	13-Oct	

3.5 Information Technology

Information technology was continually used to obtain land information and to provide a public friendly service to the general public through the internet and for human resource management as a assistant service to the administrative work, storing of data and for obtaining of information promptly and systematically. Advance communication systems such as internet connections and electronic mail have been used for this. Information about data systems and software prepared by the Information Technology branch in 2017 are as follows.

Geo Sri Lanka

Geo Sri Lanka web site (<http://www.survey.gov.lk/nsdi>) has been created for providing of land information and geographical information to the general public, using the Land Information Systems and the Geographical Information Systems.

Land Information System

Linking all the land information owned by the department, this system has been created and facilities have been provided to public to obtain their land information promptly and easily. The following services and facilities can be obtained through this system.

Data obtained using the Cadastral Surveys

Information such as title certificate No of lands of which title certificates have been given, lot No, extent of land and name of the owner etc. can be obtained.

Search can be made according to the district, divisional secretariat division, Grama niladari division, Cadastral map No, lot No, ownership (government /private) and extent of the land.

Data relevant to sporadic surveys

Public can search and find statutory plans according to the district, type of plan, plan No and lot No, title (government or other) and the extent of the land.

Information about control points

Ability to obtain coordinates of control points established by the department and the sketches relevant to them.

Data relevant to parcel fabric

Information of old statutory plans, prepared by the survey Department which was converted to digital data can be searched according to district, divisional secretarial division, Grama niladhari division, type of plan, plan No and lot No, land use, title(government/private) and extent of the land.

Investor's Guide for reserves

This data base prepared on the request of Prime Minister's Office, helps to find out whether the land which expects to invest is situated in a government reservation forest, archaeological conservation place, reservoir, coastal conservation zone. Coordinates of the place where the land is situated or relevant KML can be used for this purpose.

Geographical Information (Geo –Spatial Data service and Meta Data Service)

With a view to provide a efficient public friendly service to the public, facilities have been provided through this data system to obtain information that required for clients through the internet without arriving to the Surveyor General's office. Basic information relevant to data, information about policies for data and prices can be obtained through this system.

10K, 50K Data Tiles

Sheet No, province, district, divisional secretariat division and name of the place relevant to 10K and 50K digital data can be searched here

LiDAR Data

Areas where LiDAR data is available and sheet No, province, district, divisional secretariat division and Grama niladhari division of 10K sheets relevant to them can be searched

Establishment of new Computer Network system for the Surveyor General's Office premises

A new computer network system has been established for the surveyor General office premise and 28 Wi-Fi Access Points to obtain internet facilities, 545 computers and printers have been linked to this network.

The following facilities have been provided for providing of efficient service to the public through this

- 1) Internet facility with 15Mbps speed has been provided for all computers in the surveyor General premises. Data exchange within the branches and between the branches can be done efficiently through this facility.
- 2) Since any computer can be linked to any printer, to which linked to this network, more service from the limited resources in the surveyor general office can be obtained.
- 3) Since identifying and settlement of software errors in computer linked to the network, update of operating system can be done at information technology branch itself, Information technology branch can provide a efficient service
- 4) Being confirmed the security of data systems in all computers because of the ability to update the Kaspersky anti –virus software installed in all the computers in the Surveyor General's office and scan them according to a prescribed time table by the Information Technology Branch.
- 5) Ability to provide internet facilities, required for duties relevant to each division, separately and to control the use of internet by the information technology.
- 6) Ability to store the data information which has to be transferred between each of branch for duties.

08 awareness programs have been conducted for 322 officers for giving awareness about use of this network systems and facilities which can be obtained from the system.

File sharing System (SGO share)

The software named SGO share has been produced for exchanging of data through all the computers linked to the new computer network established in the Surveyor General's Office premises. Maximum amount of 1.5 GB data can be exchanged at once through this facility.

Improvement of Mail Tracking System.

The mail tracking system used through the internet has been removed and it has been modernized so as to use through the computer network

Stores Management Data System (SMS)

The stores management data system which was prevailed as a basic need in the procurement and supply branch of Sri Lanka survey department has been modernized and uploaded to the internet through the website. Information about all the permanent assets owned by the offices and branches of the department has been entered to this data system. All activities on fixed assets namely purchasing of goods issuing and handing over them back, exchanging, condemning etc. can be done through on line. In addition to this the following facilities can be obtained through this data system.

- Any officer can obtained information about goods to be issued in the store in head office.
- Information about permanent assets belong to all stores ledgers can be obtained.
- Currently available amount of a certain item and information about the stores ledgers they belong can be obtained.
- Ability to prepare reports relevant to information about issue and condemning of fixed assets required for CIGAS software
- Ability to back-up the data system.
- Ability to aware to the applicant the current situation of the request in the process of requesting of goods
- Ability to obtain summary and reports about issuing and receiving of goods during any time frame.

Preparation of Office Management Data System for the North Western Provincial Surveyor General's Office

The inactive network system in the north western provincial office was modernized and internet facility was given to use according to the duty requirement and net-work system was established through that so as to use the office management system to all the officers. The following facilities have been provided through this data system.

- Ability to enter information about letters received to the north western provincial office and to follow up them.
- Ability to manage the non-durable goods and services in the provincial office.
- All the documents pertaining to provincial office have been entered to the data system and issue of any document, obtaining back, storing and obtaining of reports about them can be made through this.

Action has been taken to make aware all the officers in North Western provincial Office on use of this data system.

In addition to this the following services have been provided by the Information Technology branch in this year.

- Providing of advisory services required to make corrections in computer errors for computers and computer accessories in the head office.
- Update of human resource management data system and maintaining and improving of other data systems prepared by the Information Technology Branch.
- Maintaining of the daily attendance reporting system in the head office.
- Maintaining of Information data systems on departmental circulars, departmental telephones numbers and electronic mail address directories.

3.6 Issuance of certificate/license

3.6.1 Two persons have been qualified in this year for issuance of Surveyor General's Certificate as licensed draughtsman

3.6.2 Twenty Six (26) accreditation certificates have been issued in this year.

3.6.3 Licenses have been issued for 1004 licensed surveyors by the Land Survey Council under the Survey Act No. 17 of 2002.

3.7 Legal Branch

- **Cases pending in court**

Court	Existing number as at 01/01/2017	Number received in 2017	Number of completed in 2017	Further remaining number as at 31/12/2017
Supreme court	06	05	01	10
Appeal court	24	09	05	28
High court	03	00	02	01
District court	18	06	03	21

- **Files which preliminary action carried out**

Existing number as at 01/01/2017	Number received in 2017	Completed number in the year 2017 (referring for money recovered or written off)	Files submitted to the attorney general in 2017	Further remaining number as at 31/12/2017
34	10	14	02	28

- **Files submitted to the Attorney General for legal action**

Files submitted as at 01/01/2017	Files submitted in the year 2017	Number completed in 2017 on attorney general instructions	Number of files continuing relevant for taking legal action as at 31/12/2017
24	02	01	25

- **Files submitted to the Human Rights Commission**

Existing number to the date of 01/01/2017	Number received in 2017	Number completed in 2017	Further existing number as at 31/12/2017
03	08	02	09

4.0 Financial Management

The Departmental accounting system is comprised of 33 paying offices, namely Head Office, 09 Provincial Offices, 23 District Offices and Institute of Surveying & Mapping, Diyatalawa. The financial affairs of the Department during the year under review have been indicated as follows.

4.1 Expenditure Estimate

	Previous Year (2016)			Percentage of Expenditure	Current Year (2017)			Percentage of Expenditure
	Allocations	Expenditure	Balance		Allocations	Expenditure	Balance	
Program 1								
Project 1								
Personal Emoluments	158,500,000	156,500,194	1,949,806	99%	158,355,000	153,133,375	5,221,625	97%
Other Recurrent	79,105,836	73,362,533	5,743,303	93%	79,413,000	73,962,991	5,450,009	93%
Capital-								
2001	19,000,000	15,727,491	3,272,509	83%	16,000,000	7,003,547	8,996,453	44%
2002	2,960,000	2,713,943	246,057	92%	3,000,000	1,051,599	1,948,401	35%
2003	2,500,000	1,489,305	1,010,695	60%	2,750,000	714,266	2,035,734	26%
2102	1,000,000	996,487	3,513	100%	1,500,000	1,209,058	290,942	81%
2103	4,000,000	3,971,300	28,701	99%	4,000,000	3,988,200	11,800	100%
2104	75,000,000	55,464,024	19,535,976	74%	25,000,000	18,031,553	6,968,447	72%
2401	450,000	444,805	5,195	99%	400,000	387,558	12,442	97%
Program 2								
Project 2								
Personal Emoluments	2,771,701,463	2,763,434,123	8,267,340	100%	3,074,885,000	2,803,253,686	271,631,314	91%
Other Recurrent	226,504,356	217,055,313	9,449,043	96%	250,350,000	244,127,717	6,222,283	98%
Capital -								
2001	21,000,000	20,723,285	276,715	99%	22,000,000	21,852,266	147,734	99%
2002	16,000,000	11,557,410	4,442,590	72%	15,000,000	10,827,769	4,172,231	72%
2003	17,000,000	16,462,818	537,182	97%	17,000,000	16,920,184	79,816	100%

2102	5,000,000	4,964,650	35,350	99%	5,000,000	4,991,598	8,402	100%
2103	60,000,000	52,423,587	7,576,413	87%	100,000,000	41,382,739	58,617,261	41%
2401	800,000	748,249	51,751	94%	800,000	636,331	163,669	80%
2501	18,000,000	9,833,726	8,166,274	55%	5,000,000	3,129,865	1,870,135	63%
Program 2								
<i>Project 3</i>								
Personal Emolument	111,100,000	104,154,486	6,945,514	94%	120,771,000	93,490,697	27,280,303	77%
Other Recurrent Capital -	13,281,240	12,303,108	978,132	93%	11,490,000	9,763,607	1,726,393	85%
2001	1,400,000	1,399,863	137	100%	1,400,000	1,391,557	8,443	99%
2002	800,000	730,832	69,168	91%	800,000	799,977	23	100%
2003	1,400,000	1,110,025	289,975	79%	1,400,000	1,338,074	61,926	96%
2102	400,000	398,740	1,260	100%	400,000	317,540	82,460	79%
2103	400,000	355,700	44,300	89%	400,000	377,833	22,167	94%
2401	550,000	486,380	63,620	88%	550,000	513,458	36,542	93%
Total	3,607,852,895	3,528,862,377	78,990,518	98%	3,917,664,000	3,514,597,045	403,066,955	90%

4.2 Government officers' Advance 'B' Account

<i>Limits</i>	<i>Previous Year 2016</i>		<i>Current Year 2017</i>	
	<i>Estimate</i>	<i>Actual</i>	<i>Estimate</i>	<i>Actual</i>
Maximum Limit of the Expenditure	148,000,000	159,642,259	166,000,000	174,166,257
Minimum Credit Limit	105,000,000	143,141,339	110,000,000	132,917,138
Maximum Debit Limit	400,000,000	334,258,261	400,000,000	375,507,382

	Year 2016	Year 2017
Cash Debit	143,960,608	163,324,846
Other Departmental Debit	15,681,651	10,841,411
Cash Credit	123,320,206	121,518,120
Other Departmental Credit	19,821,133	11,399,018

4.3 Revenue Account

	<i>Previous Year - 2016</i>	<i>Current Year - 2017</i>
Estimate	320,000,000	340,000,000
Revenue of the year	465,176,321	437,934,356
Difference (+/-)	145,176,321	97,934,356

4.4 Physical Resource Management

The Head Office of the Survey Department, Institute of Surveying and Mapping at Diyatalawa, 09 Provincial Surveyor Generals' Offices, 23 District Survey Offices are available as the physical resources of the Department and 38 Divisional Offices are being housed in Departmental and Government buildings. 49 Divisional Offices are being housed in leased buildings and the task of construction of new buildings for these places should be achieved by the department. In addition to that 15 circuit bungalows and quarters are owned by the department.

4.4.1 Immovable and movable resource development

The constructions and repairs over Rs. 50,000.00 carried out in the year 2017 are as follows.

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>
1.	Western Province	Repair of Pre – fab hut at D.S.O. - Kalutara	89,000.00
2.		Repairs in record room at D.S.O. - Kalutara	224,850.00
3.		Updating of Computers at D.S.O. - Kalutara	68,200.00
4.		Construction of stone wall with wire fence, at rear boundary of the D.S.O. - Gampaha	447,820.00
5.		Purchase of 2x2 tiles for D.S.O. - Gampaha	73,920.00
6.		Repair of Canon 24810 photo copier in Divi..S. O. - Jaela	95,837.00
7.		Repair of Canon 24725 photo copier in D.S. O. - Gampaha	68,401.00
8.		Repair of Conica Minolta photo copier in Divi..S. O. - Gampaha	5807500.00
9.	Sabaragamuwa Province	Fixing of racks using steel and wood for the record room in D.S.O. - Ratnapura	26595000.00
10.		Repair of toilet of M.T.O. quarters	68,39000.00
11.		Repair of Building, Floor concreting of Garage & Repair of Pavement of Divi. S.O. - Ambilipitiya	86,585.00
12.		Construction of garage for Divi. S.O - Ratnapura	250,000.00
13.		Construction of drainage system around the land of D.S.O. - Kegalle	127,50000.00
14.		Construction of ladies rest room & Toilets in provincial office - Sabaragamuwa	527,961.25

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>
15	North Central Province	Paving interlocks around the Provincial office	922,998.75
16		Repair of roof using Amano sheets in rest house - Anuradhapura	232,900.00
17		Construction of 02 bathrooms in rest house - Anuradhapura	357,000.00
18.		Purchasing of bed sheets, pillow cases & curtains for Circuit Bungalow - Anuradhapura	50,300.00
19		Partition and preparation of official rooms of Snr.S.S distinct survey office (Anuradhapura), Snr.S.S.(Bimsaviya), S.S (Headquarters),	175,300.00
20.		Floor tiling of quarters of .Snr.S.S distinct survey office (Anuradhapura), Snr.S.S.(Bimsaviya), Superintendent of surveys	88,650.00
21		Construction of two outside toilets for the outsiders at D.S.O - Anuradhapura	75,450.00
22		Preparation of fence using wire nets in front of the Divisional S.O.- Anuradhapura	99,870.00
23		Construction of a kitchen for the driver's rest room, Anuradhapura	116,622.00
24		Repair of prefab No.38 in district survey office, Anuradhapura	94,600.00
25		Paving interlocks in front of the D..S.O.- Anuradhapura	269,610.00
26		Repair of a part of decayed roof using Asbestos roofing sheets in Div.S.O.- Thambuttegama	63,020.00
27		Removing the roofing sheets in roof of Divi.S.O, Madawachchiya , Preparation of roof using i-roof roofing sheets	463,000.00
28		Making of boulder fence using barbed wire with concrete columns in Div.S.O.- Kekirawa	152,435.00
29		Fixing of ceiling in rooms of Snr.S.S. , S.S and T.A.O in D.S.O.- Polonnaruwa	143,512.10
30		Fixing of racks in record room in D.S.O Polonnaruwa	180,000.00
31		Repair of prefab hut No.47 in D.S.O.- Polonnaruwa	122,368.00
32		Repair of old building of D.S.O.- Polonnaruwa & Painting of the Circuit Bungalow & the quarters of Snr. S.S, (Polonnaruwa)	113,530.00
33.		Making of fence of D. S.O.- Polonnaruwa	271,660.00
34.		Purchasing of 02 work stations, to be used Kaduruwela Div. S.O as a model office.	264,906.25

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>	
35.	Northern Province	Painting of Divisional S.O.	199,600.00	
36.		Wiring work of Div. S.O.	108,57000.	
37.		Purchasing of materials required for floor tiling in Div. S.O	55,76000.	
38.		Floor tiling of Div. S.O. & D.S.O Jaffna	99,695.40	
39.		Purchase of roof items required for making of roof of circuit room	315,77200.	
40.		Stage 1 Labour cost - Circuit room	535,0000.	
41.		Repair of Bicycle Garage of D.S.O. - Kilinochchi	148,74400.	
42.		Repair of roof	63,50000.	
43.		Cubical work of Poonagari	78,60000.	
44.		Balance Cubical work	62,88800.	
45.		Filling of soil at District survey office -Mullative	51,00000.	
46.		Repair of Prefab hut - Mullative	60,29200.	
47.		Electric supply & pipe line for Mankulam Prefab camp.	59,751.76	
48.		New Prefab camp	1439,6000.	
49.		Purchase of Doors/windows for Circuit room	263,06600.	
50.		Purchase of items required for the circuit room	256,900.00	
51.		North Western Province	Painting of the provincial surveyor general's office	57,83350.
52.			Repair of Bathroom in Geodetic unit of P.O. (NWP)	7816800.
53.			Construction of garage for Div. S.O. - Mahawa	104480.00
54.			Construction of garage for Div. S.O. - Wariyapola	104480.00
55.	Repair of roof of quarters for Snr. S.S, Puttalam		146608.07	
56.	Repair of 02 toilets for Snr. S.S quarters, Puttalam		57,450.00	
57.	Repair and painting a part of boundary wall in D.S.O. - Puttalam		99,870.00	
58.	Painting of Div. S.O. - Anamaduwa		69,185.00	
59.	Repair of Bath room for S.S (Headquarters), Puttalam		146,00000.	

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>	
60	Central Province	Floor tiling of D.S.O - Matale – Phase 1	327079.31	
61		Floor tiling of D.S.O - Matale – Phase 2	96148.31	
62.		Preparation of conference hall to D.S.O - Kandy	135,626.40	
63.		Curtaining for the D.S.O - Kandy	106,150.00	
64.		Curtaining for the quarters of Snr.S.S. - Kandy	63,63500.	
65.		Painting of quarters of Snr.S.S & D.S.O - Kandy	64,25100.	
66.		Repair of Divisional S.O. - Doluwa	141,69000.	
67.		Using of Canopy roof for the D.S.O - Kandy	65,204.20	
68		Removing old overhead water tank at D.S.O.	120,000.00	
69.		Construction of new overhead tank for the D.S.O - Kandy	325,63700.	
70.		Fixing of air-conditioner for the room of Snr.S.S (Bimsaviya)	119,000.00	
71.		Obtaining of new intercom system for the D.S.O - Kandy	92,700.00	
72		Repair of quarters of Snr.S.S (Nuwaraeliya)	143,844.54	
73		Painting of Div. S.O.- Nuwaraeliya	104,992.00	
74		Southern Province	Repair of the Pavement of P.S.G quarters	54,465.00
75			Making of a Canopy roof in front of the P.S.G.office	128,070.00
76	Repair of quarters of Snr.S.S. - Galle		63,750.00	
77	Construction of boundary wall of Div. S.O. Elpitiya		60,000.00	
78	Construction of access road & new garage for the new building in D.S.O. - Matara		808330.00	
79	Making of the record room in new building at D.S.O. - Matara		133970.00	
80	Making of intercom & network system in new building in D.S.O. - Matara		297730.00	
81	Curtaining of new building in D.S.O. - Matara		187327.61	
82	Fixing racks using margosa wood for the record room in D.S.O. - Matara		63312.00	
83	Construction of a main gate in D.S.O. - Hambantota		66,500.00	
84	Construction of a new garage at D.S.O. - Hambantota		98,500.00	
85	Fixing a 120x114x36 rack for a record room in D.S.O. - Hambantota		68,500.00	

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>
86	Eastern Province	Purchase of floor tiles for P.S.G.O. .(East)	186,000.00
87		Repair of roof of PSG room in P.S.G.O	7350000.
88		Construction of floor of the hut	170,200.00
89		Purchase of wiring items	63,74000.
90		Purchase of painting items	72,19000.
91		Improvement of D.S.O garden – stage 01	195000.00,
92		Improvement of D.S.O garden – stage 02	186,98500.
93		Improvement of D.S.O garden – stage 03	349,400.00
94		Construction of columns for making of permanent gate	130,00000.
95		Purchase of building material for proposed prefab hut(30x20)	84,05000.
96		Purchase of wiring items required for electrical supply for the Pasikudah land	5702000.
97		Improvement of D.S.O garden – stage 04	5271500.
98		Construction of left side boundary wall of D.S.O. - Ampara	159,03000.
99		Construction of new toilet	130,980.00
100		Construction of new garage & repair of a prefab hut in Div.S.O. - Mahaoya	193,38000.
101		Repair of TAO temporary quarters in D.S.O. - Ampara	84,36000.
102		Painting, Repair of roof & Curtaining for D.S.O Ampara	386,275.00
103		Water supply & plumbing work	144,000.00
104		Construction of vehicle park at Div.S.O. - Trincomalee	243,145.08
105		Repair of Wash Room in circuit bungalow - Kuchchaweli	128,784.27
106	Construction of ground surface water tank at circuit bungalow - Kuchchaweli	171,210.00	
107	Purchase of Asbestos sheets for repair of the roof of circuit bungalow - Ampara	272,625. 00	
108	Uva Province	Repair and Painting of quarters of Snr.S.S. (Monaragala)	123,51600.
109		Painting of D.S.O (Monaragala)	80,16400.
110		Curtaining	53,21000.
111		Repair of Bath Room in Div.S.O (Tanamalvila)	884,70.00
112		Painting of Div.S.O (Monaragala)	75,97000.
113		Cementing of floor of 445/11 quarters	100,110.00
114		Labour cost for the cement work	53,550.00

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>	
115	S.G. Office Colombo	Partition of Map library	146,420.00	
116		Partition of Air survey Branch	176,700.00	
117		Partition of Procumbent & supply Branch	86,520.00	
118		Fixing of two aluminum windows for the telephone exchange	56,610.00	
119		Fixing of roller doors for two corridors	92,300.00	
120		Joining of Building Branch and Instrument Branch	315,230.22	
121		Repair of toilet system (2016)	1,808,592.71	
122		Repair of toilet system (2017)	4,357,210.30	
123		Painting of external walls of S.G.O.	2,833,600.00	
124		Extra work of toilet system	652,785.53	
125		Settlement of Bills for Construction of D.S.O (Trincomalee)	1,585,547.40	
126		Settlement of Bills for Construction of D.S.O (Matara)	2,853,060.68	
127		Construction of bed room building of S.G.O.	3,144,758.91	
128		Construction of quarters and Div.S.O – Giritale (stage1)	9,729,756.84	
129		Institute of Surveying and Mapping	Computer Maintenance	159,400.00
130			Preparation of water tank and road to CB – 02	521,409.87
131			Making of badminton court	64,800.00
132			Construction of a new garage for Quarters No. 88, 91, 92 & 94	51,480.00
133	Repair of culverts of road to CB – 02		54,050.00	
134	Painting of ISM		229,930.89	
135	Repair of quarters No. 87, 51, 90, 50, 44, roofs of class rooms, windows of class room No. 22, 23, 24 & Stores No 14		126,284.00	
136	Computer maintenance		368,000.00	
137	Purchase of hot water showers for Circuit Bungalows		140,394.00	
138	Purchase of a Drum Unit for Canon IR 2520 photocopy machine.		57,338.10	
139	Repair of two bathrooms of CB – 02 circuit bunbalow.		536,629.93	
140	Repair of roof of 69 Office		110,705.00	
141	Purchase of TV for Boys Hostel & Circuit Bungalows		124,995.00	

4.4.2 Instrument Branch

The key function of the instrument branch is service / repair of 272 of total stations, used for survey activities in the department, so as to use in service in proper condition. Among various difficulties, we fulfilled this activity successfully and since 50 of modern instruments have been collected to the collection, action was taken to remove the Nikon and Topcon types of instruments

which are in less operation due to long term use. In addition to Rs. 1.6 million allocated to the branch for the purpose of service/ repair of total stations and to purchase necessary accessories, the entire operational cost with Rs. 266,150.00 granted by the Bimsaviya project was Rs. 1.86 million.

Accessories damaged in the field and accessories sent for repair were repaired using the parts obtained from the condemned instruments.

Removing/fixing of prefab camps situated at Pasikudah, Kanthale, Pelawatta, Kalutara, Kahatagasdigiya, Mankulam and Icepeella (Monaragala) etc. have been carried out.

4600 bolts in A and C types required for survey control points were produced.

244 identity cards for the departmental staff were issued and fulfilling the requirements of outside parties (instrument numbering, number correction of Total stations etc) and , Rs. 46,650,000 of revenue has been earned.

Duties have been accomplished by the carpentry branch and welding unit, under the supervision of this branch, on requests, they received.

The main issue prevailed as a obstruction in the year 2016 & 2017.was Shortage of instrumental technicians

4.4.3 Maintenance of Vehicles and Machinery & Equipment

Repairs of **108** vehicles, costing over Rs. 50,000.00 have been done as follows.

<i>Province/ Section</i>	<i>No. of vehicles maintained</i>	<i>Total cost (Rupees)</i>
Surveyor General's Office	05	491,967.27
Western Province	09	1,314,962.84
Central Province	13	2,666,331.05
Sabaragamuwa Province	09	1,113,090.00
North Central Province	15	1,170,114.14
North -Western Province	11	2,178,367.50
Uva Province	10	1,157,930.00
Southern Province	11	4,938,463.15
Northern Province	11	2,085,357.96
Eastern Province	09	1,190,033.61
I.S.M. Diyatalawa	04	1,106,400.00
Total	108	19,413,018.27

4.4.4 Procurement and Supplies Branch

Board of surveys relevant to miscellaneous branches in Surveyor General's office, provincial surveyor General's offices, district survey offices and divisional survey offices and 873 ledgers maintained by the surveyor's scattered all over the country, have been completed.

02. By this perfect certificates have been given for all the government surveyors, provincial surveyor general's offices, all the district survey offices, all the divisional survey offices, for all the stores units in the Institute of Surveying and Mapping – Diyathalawa. all the circuit bungalows and holiday resorts, all the branches of the surveyor general's office.

03. Permanent clearances for 02 retired officers, 05 resigned officers and temporary clearances for 20 officers have been issued.

04. Over Rs. 8.6 million capital purchasing, over Rs. 4.5 million recurrent purchasing, over Rs.1.4 million capital purchasing and approximately Rs. 1 million recurrent purchasing for the Bimsaviya project, over Rs. 38.2 million purchasing under the land banking project have made .

05. Movable property list for the year 2017 is as follows.

Serial No.	Type of Assets	Position at the beginning of the year	Changes taken place during the year				Position at the end of the year
			Acquisition	Purchasing	Auction	Disposal	
1	Motor Lorry	07	-	-	-	-	07
2	Motor Lorry (Single Cab)	42	-	-	-	-	42
3	Motor Cars	06	-	-	-	-	06
4	Jeeps	54	-	-	-	-	54
5	Double Cab	154	-	-	-	-	154
6	Vans	35	-	-	-	-	35
7	Three Wheelers	01	-	-	-	-	01
8	Tractors	05	-	-	-	-	05
9	Browsers	04	-	-	-	-	04
10	Push Bicycles	40	-	-	-	-	40
11	Duplicator Machines	25	-	01	-	-	26
12	Photo Copiers	219	-	07	-	-	226
13	Computers	1049	-	44	-	-	1093
14	Computer Printers	459	-	76	-	-	535
15	Laptop Computers	259	-	193	-	-	452
16	Fax Machines	121	-	14	-	-	135
17	Type Writers (Manual)	60	-	-	-	04	56
18	Safes	51	-	-	-	-	51
19	Camera (Process & Aerial)	02	-	-	-	-	02
20	Litho Printing Machines	16	-	01	-	02	15
21	Television Sets	15	-	01	-	-	16
22	Refrigerators	17	-	01	-	01	17
23	Guillotines	3	-	-	-	-	3
24	Photogrammetric Plotters	10	-	-	-	-	10
25	Total Stations Survey Instruments	369	-	50	-	64	355
26	Theodolite Survey Instruments	650	-	-	-	-	650
27	Programmable Calculators	592	-	-	-	-	592
28	Large Scanners	55	-	5	-	-	60
29	Photogrammetric Plotters (Digital)	02	-	-	-	-	02
30	Steel Tapes	958	-	22	-	-	980
31	Computer Server	02	-	-	-	-	02
32	Multi Media System	01	-	-	-	-	01
33	Multi Media Projector	48	-	-	-	-	48
34	Digital Levels	11	-	6	-	-	17
35	60" solvent Printers	01	-	-	-	-	01
36	Digital Photogrammetric Workstation	02	-	-	-	-	02
37	Unman Aerial Vehicle (UAV)	01	-	-	-	-	01
38	A zero Plotter	2	-	-	-	-	2
39	Handheld GPS	339	-	-	-	-	339
40	GNSS Receivers	44	-	30	-	-	74

41	A3 color Photocopier	1	-	-	-	-	1
42	High Capacity Storage devices	9		05			14

Immovable Assets (2017)

Serial No.	Type of Assets	Position at the beginning of the year	Changes taken place during the year				Position at the end of the year
			Acquisitions	Purchasing	Auctions	Removals	
1.	Land (Hectares)	73.9542	-	-	-	-	73.9542
2.	Buildings	189	-	-	-	-	189
3.	Constructions	01	-	-	-	-	-

4.5 Auditing

The Internal Audit Branch is functioning under the direct supervision of the Surveyor General. Accordingly, all the audit inspections were carried out based on the audit program planned for the year 2017, according to the guidance of the Director General (Management Audit Department) on the concurrence of the Surveyor General, and the Auditor General.

In this connection, special attention was paid to the treasury circular No. IA/2001/1, Management Department circular No DMA/2009(1) and Public Accounting circular No 243/2015 and special attention was paid to the system analysis and performance analysis rather than the usual financial auditing, so as to increase productivity and performance of the Department thereby.

Accordingly, 16 reports relevant to district survey officers, 03 reports relevant to Provincial Surveyor General's Offices, 09 reports relevant to branch offices in the head office, 02 special examinations were completed successfully in 2017. Examining evidence assisting to the values and reveals mentioned in financial statements on the guidance of the internal auditor, assessing of accounting theories, and important estimates and conclusions followed in preparation of financial statements, evaluation about the overall presentation of financial statements and concluding whether the accounting policies used are correct, were they followed consistently and were they revealed sufficiently, were included for the auditing and as a result of that strict financial discipline in the department and development in the institutional management have been observed.

5.0 Development Activities

Since massive development projects were implemented by the government also during the year under review, as a forerunner among the initiators, the survey department performed their duty.

5.1 Land Surveys

Type of survey	Physical Performance								
	Annual target.		Cumulative target		Cumulative progress			Progress achieved	
	Survey Months	Lots	Survey Months	Lots	Survey Months	Lots	Survey requisit ion	Survey Months	Lots
Land Marking Surveys	3200	63000	3264	69608	3657	87278	5693	112	125
Miscellaneous Surveys	1000	30000	1212	28160	1881	51479	3321	155	183
Land Acquisition Surveys	650	18000	720	17582	1197	40804	1034	166	232
Engineering Surveys	100	2000 ha	106	767 ha	108	1100 ha	72	102	
Setting out of control points for mapping	350		300		281		494	94	
Court Commission Surveys	450	8700	475	8924	449	8615	633	95	97
Cadastral Surveys	1200	36000	1306	39047	1633	44114	1646	125	113
Setting out of Global Positioning points	360	10800 pt	356	10665 pt	457	13697 pt		128	
Sub Total	7310	155700	7737	163321	9664	232290	12893	125	142

The progress achieved from various types of surveys carried out during the year under review is as follows.

Special survey works carried out in the year 2017 are as follows.

- Surveying of Bolgoda river
- Survey work of Ruwanpura highway
- Acquisition Survey of Badulla-Chenkaladi road.
- Detail Survey and acquisition survey of Southern highway from Matara to Hambantota.
- Detail survey and acquisition survey of central highway.
- Acquisition Survey of Yan Oya
- Surveys at Ceylon Electricity Board
- Survey activities of Deduru Oya
- Survey activities of north western channel
- Engineering Survey of Brahmanayagama turning dam
- IhalaElahera project.
- Supervision of Mahaweli Survey of licensed surveyors
- Estate Survey of Nuwaraeliya, Badulla, Ratnapura, Galle, Kegalle, Kurunegala
- Acquisition Survey of New Kelani bridge
- Proposed Town Surveys of Mankulam

- Katunayaka airport Surveys
- Surveys for Moragolla hydro-electric project.
- Surveys of Proposed Kandy tunnel.
- Survey for widening of Sinharaja forest.
- Survey work and contour survey of 91 acres relevant to the establishment of Industrial and Technical high zone – Millaniya
- Survey work of 22 acres for Kadolana forest plantation at Beruwala, Kaluwamodara, Moragolla areas
- Surveying of areas damaged by flood associated with Kelani river.
- Surveying of Iranawila tourist Zone .
- Surveying of garbage disposal site Aruwakkadu.
- Surveying of garbage exchange site Kelaniya.
- Examine of stability of the land at which garbage disposal site Meethotamulla
- Surveying of Industrial Zone.
- Surveying of railway track kurunegala – Habarana.
- Maximum water level and reservation areas relevant to construction of Basnagoda Reservoir.
- Special Surveys for making of a Bingiriya Industrial Zone.
- Development of Kalpitiya tourist Zone.
- Land acquisition surveys for development of Bellana – Maragala road
- Land acquisition surveys for development of WadduwMoronthuduwa road
- Land acquisition surveys under section 6 for development of Kottawa – Thalagala road
- Widning of Kelaniya – Mudungoda road
- Widning of Yakkala - Gampaha road
- Carring out of survey for the bridge constructed on pillars at Rajagiriya – Kelaniya
- Carring out of acquisition surveys both sides of Kiththampahuwa channel
- Repair of basic bench marks at Awissawella and Modara
- Town plan of Mahaweli c / zone
- Identifying of reservations in Gin ganga
- Land acquisition for Bentota – Dedduwa tourist project
- Survey activities of Dediyaigala reserve

Particulars of diagrams issued to produce grants, carrying out surveys, under Land Development Ordinance, are as follows.

District	Number of Diagrams Issued	
	2016	2017
Kandy	503	365
Matale	149	908
NuwaraEliya	241	409
Anuradhapura	1922	5039
Polonnaruwa	2111	1516
Vavuniya	1855	56
Jaffna	321	69
Kilinochchi	1400	1256
Mullativu	1688	182

District	Number of Diagrams Issued	
	2016	2017
Mannar	1527	0
Batticaloa	833	2469
Trincomalee	1037	2125
Kurunegala	1722	1927
Puttalam	1397	729
Ratnapura	1236	1339
Kegalla	274	161
Galle	655	2162
Matara	328	304
Hambantota	1039	606
Badulla	121	285
Monaragala	34	856
Ampara	4287	4334
Colombo	188	0
Gampaha	94	146
Kalutara	413	428
Total	25375	25517

5.1.1 Special Survey and Quality Control branch

The Special Survey and Quality Control branch was established for the purpose of expeditiously completion of special survey activities received to this department from the other institution. The following activities have been carried out by this branch in the year 2017.

No.	Task
01.	Carrying out of jig calibration survey work in the Air Force camp - Katunayake under the jig calibration surveys.
02.	Detail and contour surveys of radio transmission center of Iranawila in Puttalam district.
03.	Surveys about quantity of soil, which was cut in Ihala Madampella area in Gampaha district.
04.	Surveys on short term monitoring and evaluation of the waste disposal center, Meethotamulla.
05.	Detail and contour surveys of garbage recycling place in the area of Kelaniya - Wedamulla in Gampaha district.
06.	Obtaining of information about properties and houses damaged due to slip of Meethotamulla waste dump.
07.	Mapping the place where the dead people found due to slip of Meethotamulla wasted dump.
08.	Carrying out of survey in Karolina Estate of Watawala estate in Nuwara Eliya district.
09.	Carrying out of surveys in Lonak estate of Watawala plantation in Nuwara Eliya district.
10.	Carrying out of surveys in Wigton estate of Watala Plantation in Nuwara Eliya district.
11.	Carrying out of Maradana - Dematagoda railway track widening survey works.

12.	Surveys on short term monitoring and evaluation the waste disposal center - Meethotamulla (Special phase)
13.	Detail and contour surveys for the construction of biotechnology faculty at Homagama - Pitipana in Colombo district.

5.1.2 Geodetic Survey Branch Functions performed by the Geodetic Survey Branch in 2017

This branch is being maintained in the Head office as a separate branch under a deputy surveyor general. Progress of setting out of control points and other special surveys carried out by IMS-Diyathalawa, north western, central, northern, southern geodetic branches, under the supervision of the Geodetic survey branch and Surveying work using unmanned aerial vehicle, carried out by the Geodetic Survey branch established in the head office have been shown as follows.

5.1.3 Progress of setting out of control points

<i>Task</i>	ISM	N.W.P	S.P.	C.P.	N.P.	S.G.O.	Total
Setting out of GPS control points	914	1008	788	776	682	199	4367
Number of equivalent GPS control points for other surveys	3151	1452	745	1855	570	1558	9331
Total number of Control points completed.	4065	2460	1533	2537	1346	1757	13698
Equivalent survey months for the control points completed	135.5	52.0	51.1	54.55	44.8	55.58	456
Total survey months completed in the year 2017	187.60	174.1	94.91	170.72	173.33	-	161.12
Progress of the year 2017	156	137	91	119	132	123	128

Special Surveys carried out during the year (Geodetic Survey Unit- SGO)

Special Surveys carried out by UAV during the year

<i>Serial No.</i>	<i>Task</i>
1	Kurunegala Habarana Railway Line Extension line project
2	Surveying of Katunayaka Bandaranayaka International Airport
3	Surveying of Meethotamulla garbage dump

Special Survey activities carried out during the year (SGO)

<i>Serial No.</i>	<i>Task</i>
1.	Setting out of geo control points for the Rajagiriya new flyover
2.	Additional surveys Kurunegala –Habarana railway line extension project
3.	Setting out of geo control points for Bimsaviya Surveys in Jaela - Minuwangoda divisional secretariat
4.	Setting out of geo control points at Bangalawatta and Hevelock town for a proposed project.
5.	Setting out of geo control points for Bimsaviya surveys in Kesbewa divisional secretariat division.

Special Survey activities carried out during the year (Geodetic Branch – Diyatalawa)

<i>Serial No.</i>	<i>Task</i>
1.	Setting out of secondary level monuments (Badulla district)
2.	Setting out of Haliela geo control points.
3.	Setting out of tertiary level geo control points (Badulla district).
4.	Setting out of control points under the Uma oya project.
5.	Setting out of control points under the Jayabumi project.
6.	Ruwanpura highway project (block from Ratnapura to Pelmadulla)
7.	Setting out of control points under irrigation project (Sapugoda).
8.	Setting out of control points under irrigation project (Moragaswewa).
9.	Setting out of geo control points (Badulla district).
10.	Setting out of control points under Hikkaduwa tourism zone development project.
11.	Setting out of control points under the coastal development project.
12.	Setting out of control points under Seethawaka ganga project.
13.	Setting out of control points Wilakandiya tank project.
14.	Forest surveys under FAO project.

Precise leveling – Geodetic Branch – Diyatalawa

<i>Serial No.</i>	<i>Task</i>
1.	Wellawaya – Monaragala level line
2.	Trincomalee - Wappiya level line
3.	Pothuvil - Monaragala level line
4.	Kurunegala - Ginigathhena level line.
5.	Mahaoya - Tampitiya level line.
6.	Nuwaraeliya - Haliela level line.
7.	Welimada - Udapussellawa level line.
8.	Batticaloa - Kodduwamadu level line.
9.	Kodduwamadu – Nasawanthiv level line.
10.	Pelmadulla - Madampe level line.
11.	Monaragala - Pothuvil level line
12.	Imbulpe - Pelmadulla level line

Special Surveys carried out in the year (North Western Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Setting out of control points under industrial zone surveys
2.	Setting out of control points under tourism industry development surveys (Kalpitiya)
3.	Setting out of control points under OFID road development project.
4.	Surveys under Anuradhapura - Kurunegala road, development project.
5.	Forest surveys under FAO project.
6.	Kagalle-Polgahawela road surveys
7.	Setting out of geo control points (Puttalam district)
8.	Additional surveys (Surveying of railway track from Kurunegala to Habarana)
9.	Surveying of railway tracks from Anuradhapura to Kurunegla
10.	Surveying of railway tracks from Kurunegala to Habarana
11.	Setting out of control points under Bimsaviya Surveys.

Precise leveling (North Western Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Preliminary leveling from Dambulla to Anuradhapura
2.	Surveying of Primary Level line from Nikaweratiya to Kallady
3.	Priliminary Level line from Kegalle to Karawanella
4.	Leveling line from Kurunegala to Nikaweratiya
5.	Leveling line from Nikaweratiya to Kalaoya
6.	Surveying in Level line from Karawanella Avissawella
7.	leveling from Ambatale to Dehiwala

Special Surveys carried out in the year (Southern Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Surveying of forests under FAO project
2.	Setting out of control points under Bimsaviya surveys
3.	Preliminary Setting out of geo control points (Galle district)
4.	Setting out of control points under the coast conservation project.
5.	Setting out of standard bench marks
6.	Setting out of geo control points for Walawe reservoir project.

Precise leveling (Southern Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Preliminary level line from Dewundara to Morawaka
2.	level line from Galle to Dewundra.
3.	level line of Paibokka to Pannegamuwa

Special Surveys carried out in the year (Central Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Setting out of control points under Bimsaviya surveys
2.	Surveying of forests under FAO project
3.	Setting out of control points under Minipe project
4.	Setting out of geo control points (Railway track from Kandy to Katugastota)
5.	Setting out of geo control points under Kandy tunnel project.
6.	Setting out of geo control points (leveling line from Katugastota to Galagedara)
7.	Setting out of control points under Moragahakanda project.
8.	Geodetic surveys (Harispaththuwa area)
9.	Estate surveys for the Ministry of Plantation Development.

Precise leveling (Central Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Tertiary level leveling line from Narmthalawa to Nuwara Eliya
2.	Primary Level leveling line from Dambulla to Anuradhapura
3.	Leveling line from Kandy to Kiwlinda
4.	Leveling line from Katugastota to Galagedara
5.	Leveling line from Katugastota to Kurunegala
6.	Primary level leveling line from Habarana to Thopawewa
7.	Secondary level leveling line from Katugastota to Allawwa Junction
8.	Trincomalee - Wappiya leveling line.
9.	Primary Leveling up to standard bench mark - Kekirawa.

Special Surveys carried out in the year (Northern Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Setting out of tertiary geo control points (Northern Province)
2.	Setting out of horizontal control points (Jaffna town)
3.	Carrying out of surveys at Vavuniya block.
4.	Surveying of forests under FAO project
5.	Setting out of special surveys at Yapahuwa
6.	Setting out of control points under drinking water project (Jaffna)
7.	Setting out of control points and bench marks under irrigation project - Wadamarachchi lagoon.
8.	Setting out of control points under solar heat project (Poonakar)
9.	Setting out of control points under Mahaweli project

Precise leveling (Northern Province Geodetic Unit)

<i>Serial No.</i>	<i>Activity</i>
1.	Mankulam - Mulathive leveling line.



Surveying of Katunayaka Bandaranayake International Airport



Establishment of 55.5 m contour line of Malwatu oya



Conducting of POSON MAHA RICE DANSALA throughout 02 days at D.S.O. premises - Anuradhapura

5.2 Mapping

Another important task of the departmental role is production of topographical maps and thematic maps that required for developmental activities. In addition to preparation of maps relevant to national atlas, maps are prepared also for clients' requests. The customer care service center in the head office at Narahenpita is provided all the products in relation to maps in both printed and digital manner. In addition to that all the printed maps can be obtained from the Institute of Surveying and Mapping at Diyatalawa and from all the district offices.

Revenue reigned from the Sale of maps

Revenue as follows has been earned in this year by sale of printed maps, digital maps and digital data and payment of royalty.

Surveyor General's Office

Sale of printed maps	-	Rs. 7,439,434.00
Sale of Special maps for customer requirements	-	Rs. 4,025,730.00
Digital data revenue	-	Rs. 21,753,666.04
Recovery of royalty	-	Rs. 362,000.00
Sale of printed maps	-	Rs. 2,596,820.00

(Institute of Surveying and Mapping and district survey offices)

Total revenue of maps, digital maps and digital data in 2017 - Rs. 36,174,650.04

Rs. 741,154.00 of recorded revenue could be obtained from sale of maps in the international book exhibition held in 2017.

01. Works completed by the Topographical Map Drawing Branch

1.1. 27 maps have been prepared under the second edition of the 1: 50,000 map series and sent for printing. They are,

4 - Chavakachcheri	36- Kekirawa	85-Balapitiya
6-Delft	37-Polonaruwa	89-Tissamaharama
12-Thunnkkai	38-Wakaneri	90-Galle
13-Mankulam	41-Nikaweratiya	91-Matara
15-Mannar	43-Elahera	92-Tangalle
20-Madu Road	44-Aralaganwila	
21-Vavuniya	45-Batticaloa	
25-Tantirimale	46-Chilaw	
27-Horowpothana	51-Paddirippu	
33-Kathiraveli	52-Kochchikade	
34-Puttalam	84-Yala	

1.2. Four (04) maps were printed by reprinting of 1: 50,000 scale (digital data)

1.3. Ninety seven (97) maps of 1:10,000 have been completed and issued on customer requirements.

02. Works completed by the Thematic Mapping Branch.

2.1. Twenty (20) Town maps and 4 District maps have been completed up to final stage in 2017 by the Thematic Mapping Branch.

2.2. Thirteen (13) customer maps have been prepared by this Branch.

2.3 Yala national park map has been updated at the request of Department of Wildlife and 8000 copies have been reprinted.

2.4 Udawalawe park map has also been updated and completed.

03. Works completed by the Topographical Map Preparation Branch.

3.1. Forty (40) topographical map sheets in 1:10,000 scale have been sent to the field for revision and data system of 62 map sheets have been updated.

3.2. Twenty five (25) customer maps in the scale of 1:10,000 have been completed by this branch.

04. Duties performed by the Special Mapping Branch

4.1 Considerable income is earned by the department by the sale of maps prepared on the customer requests and about 673 maps were prepared in 2017 for this purpose.

4.2 In activities of demarcation of boundaries, a series of map entering boundaries for the grama niladhari divisions in all districts was prepared and handed over to the Committee for Demarcation of Boundaries.

4.3. The domestic VFR Navigation map re updated on a requirement of Civil Aviation Authority and 500 copies were printed by the Litho branch of the department.

4.4. Tour guide map was updated and completed by new digital data.

05. Progress of Map production in years 2016 and 2017 is as follows

Progress in the year 2016

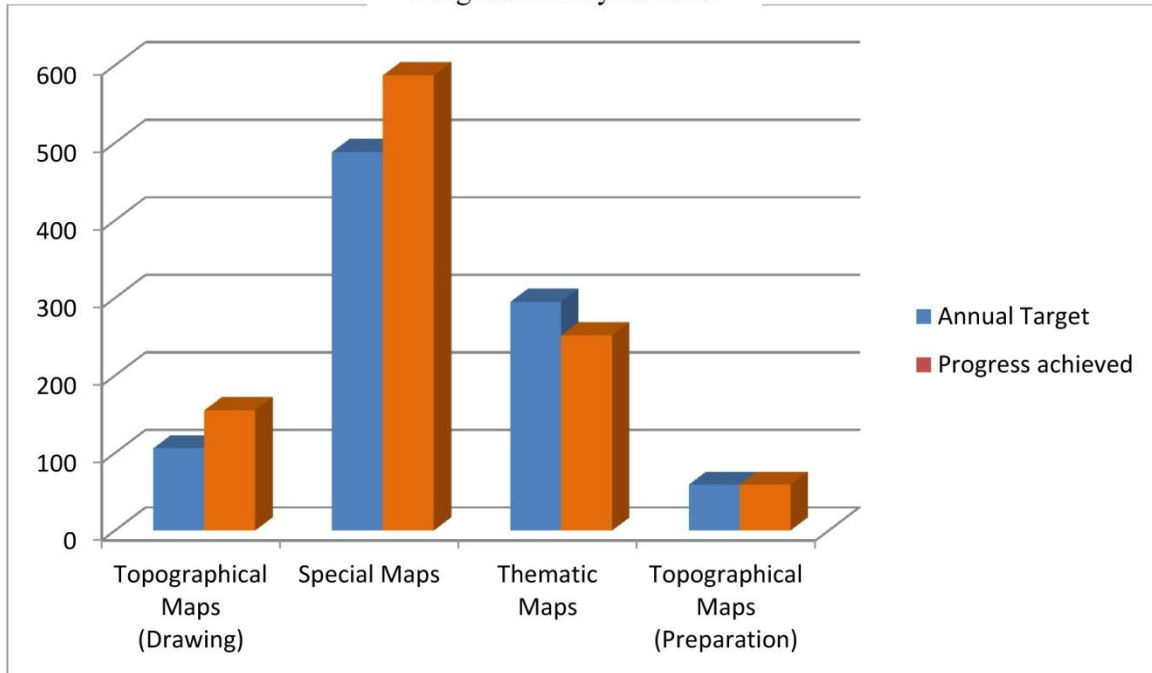
<i>Type of Map</i>	<i>Unit</i>	<i>Physical Progress</i>		
		<i>2016</i>		
		<i>Annual Target</i>	<i>Progress achieved</i>	<i>Percentage according to the target %</i>
Topographical Maps (Drawing)	No. of Maps	106	155	146.23
Special Maps	No. of Maps	488	587	120.29
Thematic Maps	No. of Maps	295	252	85.42
Topographical Maps (Preparation)	No. of Maps	59	59	100.00

Progress in the year 2017

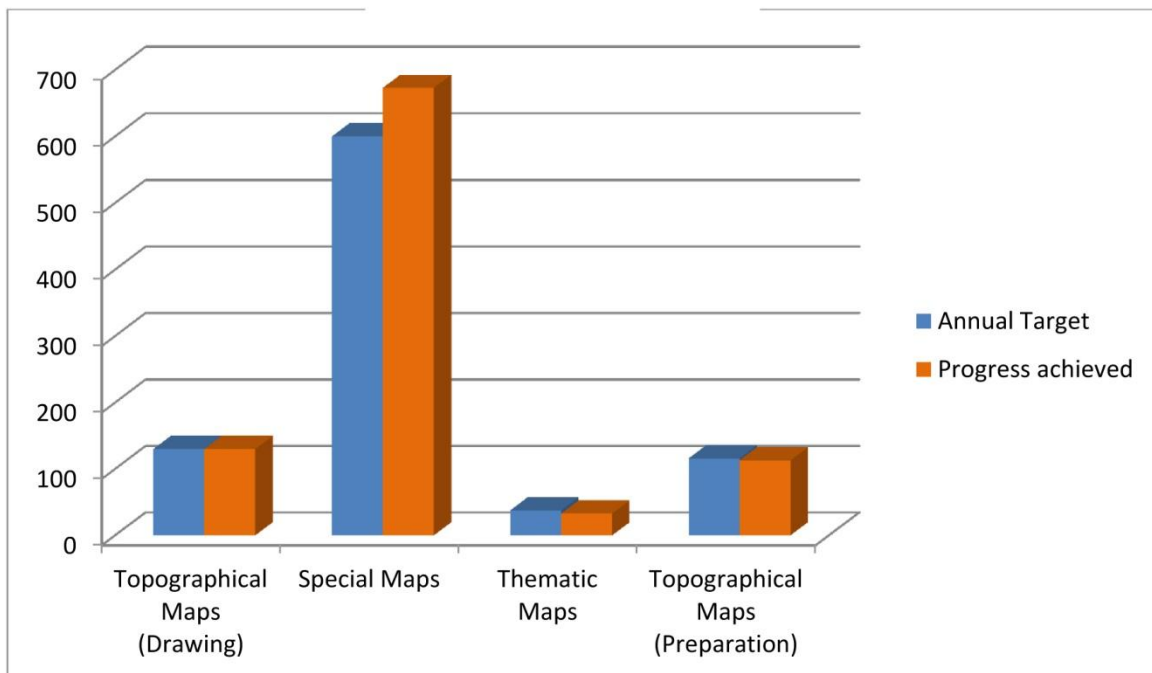
<i>Type of Map</i>	<i>Unit</i>	<i>Physical Progress</i>		
		<i>2017</i>		
		<i>Annual Target</i>	<i>Progress achieved</i>	<i>Percentage according to target %</i>
Topographical Maps (Drawing)	No. of Maps	130	130	100.8
Special Maps	No. of Maps	600	673	112.2
Thematic Maps	No. of Maps	38	33	86.8
Topographical Maps (Preparation)	No. of Maps	116	113	97.4

Progress of Map production in years 2016 and 2017 is as follows

Progress in the year 2016



Progress in the year 2017



Special work carried out by the mapping branch

1. 85% progress has been achieved by making layouts, printing of EDM books, work carried out by the Plan Typographical Branch and from work done on other departmental requirements,.
2. EDM book binding is a main work out of the work carried out by the map preparation branch and 72% progress has been achieved according to the work tickets.

Out of the special work carried out in 2017, the following book and ledger bindings are included.

A-Z books	-	460
Computer books	-	253
Demarcation of boundary books	-	54
School atlas (Tamil) books	-	2000
Circuit bungalow books	-	50
Permanent Stores ledger books	-	100
Survey requisition note registers	-	100
Salary ledgers	-	100

3. Through the administrative changes made in 2016, litho branch retained a higher progress also in the year 2017. Accordingly, new map series of 1:50000, reprinting of old maps, printing of forms and magazines also were carried out in a higher level also in the year 2017. In addition to that, it was started to print 32 types of miscellaneous forms, which printed by the Government Printing Department, in the Litho Branch itself and it was a saving lot of money to the department.

Litho branch was able to earn a large income to the department by printing maps such as grid maps, road maps that required for the army. Reprinting of School atlas Tamil, was started and printing of survey field books that required for the field were also carried out. Planning of previous printing preparation of printing plates according to them were carried out in a new style. Keeping the 3 machines out of 4 available in the department in working condition is a great help for this progress and the Litho Branch was able to maintain the progress of the year up to 131.5%, a highest progress. Printing work specially carried out in 2017 are as follows.

4. Considerable amount of digital data has been purchased for the following institutions in 2017.

* Agriculture Department – 23-01-2017	Rs. 5,601,846.36
* Water Supply and Sanitary facilities improvement project, 02-02-2017	Rs. 3,142,902.38
* Sri Lanka Land Reclamation and Development Corporation 10-07-2017	Rs. 1,179,880.00
* Hachinson Telecommunication Lanka (Private) Limited . 23-10-2017	Rs. 1,353,375.75
* Airport Airline Authority (LIDAR) – 08-11-2017	Rs. 1,734,503.00
* Gem and Jewelry Authority –21-11-2017	Rs. 1,195,798.00

6.0 Geographic Name Branch

Role

Introducing of accurate and conclusive geographical name and data system, which supportive to the national harmony which linked to the cultural heritage of Sri Lankan people.

Performance

National level committee appointed by the cabinet for preparation of geographic name standardizing and Romanizing methodologies has been held 07 sessions of meeting in the year.

According to the procedure of principles and policies of standardizing of geographic names prepared by the relevant committee.

- A Romanize methodology has been proposed and sent for the approval of Sri Lanka institute of Standardization and by now it has come to an oral agreement.
- Collecting of field information in this year has been completed in 09 districts and according to that collecting of information so as to cover the entire island has been completed.
- Standardization of geographic names in 12083 grama niladhari divisions has been completed and approved by the geographic name standardizing committee. According to that standardizing of all grama niladhari divisions in the whole island (first step) has been completed.
- Entering of corrections of roads, water course and place names as per the field information obtained from grama niladhari and new entries to the GIS data system has been completed in 5635 grama niladhari divisions,
- Maps included standardized geographic names relevant to 34 divisional secretariat divisions in Kaluthara and Kandy districts have been prepared in divisional secretariat level and sent to divisional secretariats, municipal councils, urban councils, pradeshiya sabha in Kaluthara and Kandy districts and referred for reconfirmation of information.
- Names ,made corrections and newly entered in 141 grama niladhari divisions at Beruwila and Bandaragama divisional secretariat divisions in Kaluthara district which information has been confirmed and resent , have been entered to the land information system.
- Website prototype prepared to obtain public views and local government views for geographic names standardized under the first stage has been completed.
- Category directory required for standardizing of geographic names has been prepared in Sinhala and Tamil languages and submitted to the committee and approval was obtained.

7.0 National Spatial Data Infrastructure

Role

Preparation of a formal national program for commonly use and exchange the spatial data and information

Performance

This program is implemented by the Institute of Sri Lanka Information and Communication Technology and the Survey Department provides the technical assistance that required for the implementation of this program and the assistance required in preparing of policies, as a major counterpart.

Sri Lanka National Spatial data Infrastructure program Progress

The Work Plan to setup & develop NSDI system is as follows. This work Plan is conducted by ICTA with the collaboration of Survey Dept.

	Activity	Status
1	<p>Conduct a baseline survey on NSDI Comprehensive baseline study to assess the present situation of collection, storing and usage of National Spatial data , across the organizations and overall readiness of the staff and organization to adopt and effective use of the system.</p>	<p>Start Date : August 2016 End Date : March 2017 Consultancy Firm: GreenTech Consultancies Private Limited Report Published</p>
2	<p>Requirement study of the NSDI</p> <ul style="list-style-type: none"> a) study the requirements such as Meta data Portal, National Map Portal, data exchanging format etc. b) Prepare a detail system requirement specification c) Prepare an information & service classification d) Develop a system prototype <p>Date : March 2017</p>	<p>Start Date : August 2016 End Date : March 2017 Individual Contractor: Mr. Mark Sorensen Report Published</p>
3	<p>Development of National Spatial Data policy, Processes, Governance Model & Roles and Responsibilities of NSDI The objective of this study are to develop</p> <ul style="list-style-type: none"> a) National Spatial Data policy & Guidelines for NSDI b) Standards to be followed by NSDI c) Functionality & Processes of NSDI d) Governance Model for the NSDI e) Roles & Responsibilities of the Governance Model 	<p>Start Date : November 2017 End Date : March 2017 Individual Contractor: Mr. Mark Sorensen Report Published</p>
4	<p>Establishment of Geo Portal- Phase 1 Establishment of the spatial data content management system which handles import data, upload data, export data, sear and query, view, analysis, publish and printing data</p>	<p>Start Date : November 2017 End Date : May 2018 Contractor : Comprising of Avineon India Private Limited and Science Land Information Technologies Establishment is in Progress</p>

8.0 Document Management and Professional Standards Branch

Numerous old plans have been preserved in this branch and extracts of them are issued at the request of the public. Similarly, certified copies of statutory plans prepared for surveys carried out in fields are filed in this branch and such plans are updated and maintained on subsequent surveys. Similarly, preparations of Final Village Plans for land settlement activities are carried out by this branch. Issuing of accreditation certificates for the licensed surveyors relevant to professional standard in terms of land title registration act is also carried out. The progress of this branch in 2017 is as follows.

8.1 Issuance of Copies of Title Plans

Number of copies of Title and other Plans issued - 2897
A sum of Rs. 2,112,227.00 has been earned by issuing these copies.

8.2 Plan Tracings and Diagrams issued by the District Survey Offices

Number of Settlement Diagrams issued	-	553
Number of diagrams issued (O and V)	-	1041
Lease Diagrams (L Diagram)	-	407
Number . of tracings issued to Public	-	5419
Number. of true copies issued to the Public	-	32,007
Number of diagrams issued under the Land Development Ordinance	-	22,506

8.3 Court Commission Surveys

Balance brought forward from last year	-	466
Number of court commissions received in the year	-	417
Number which completed and sent to the courts	-	392
Balance at the end of the year	-	491

8.4 Preparation of Final Village Plans and Final Topographical Plans under the Land Settlement Ordinance.

Balance, at the end of the last year	-	03
The number received in the year 2017	-	18
Number of Final Village Plans and Final Topographical Plans prepared and issued in year 2017	-	17
Balance, at the end of the year	-	04

8.5 Update of Old Records as per newly prepared Plans

Balance brought forward from last year	-	159
The number received in the year 2017	-	8466
Number of old Preliminary Plans, updated in 2017	-	1305
Number of Final Village Plans and Final Topographical Plans	-	2291
Village Plans and Topographical Preliminary Plans	-	273
Number of Cadastral Maps	-	4150

8.6 Preservation of Old Plans

Scanning of maps and storing of them as compact disks under the old map preservation program was initiated in the year 2004. After that entering of such data to the plan\ document management system was initiated in the year 2015

Accordingly, the progress is as follows.

Number of plan sheet to be scanned	Number of plan sheets completed before 2017	Number of plan sheets completed in 2017	Balance
1,652,000	457,480	894,520	300,000

8.7 Providing details required for Surveys (L96) – 4374 lots.

8.8 Issuance of Certificate of Accreditation

Under the Title Registration Act 1998, an accreditation certificate is issued to the registered surveyor who wishes to carry out Cadastral Surveys, with regard to the competency of each surveyor on carrying out of the Cadastral Surveys.

Number of Registered Surveyors as at 31.12.2017	-	2098
Number, which Accreditation Certificates have been obtained as at 31.12.2017	} -	1613
Number, obtained in 2017	-	26
Total number, which accreditation Certificates have been obtained as at 31.12.2017	} -	1639

9.0 Geo Informatics Branch

9.1 Air survey Branch (Photogrammetric branch & Photo lab)

Role

Extraction of data required for mapping and development plans, using the air-photographs.

The progress of the year 2017 has been indicated as follows.

Serial No.	Category	Progress
.1	Preparation of DEM using LiDAR leveling data	2108.5 Sq.km
2.	Collecting of two- dimensional data to the scale of 1:10000 using LiDAR/CRIP data	1247.8 Sq.km
.3	Development of photographs contact printing and positive printing	1080

9.2 Remote Sensing Branch

Role

Preparation of 1:50,000 topographical digital data system so as to cover entire Sri Lanka using the satellite photographs and update, providing of digital data for the 1:50,000 map series and providing of digital data, analyzing the photographs according to the requirements of other institutions.

Performance

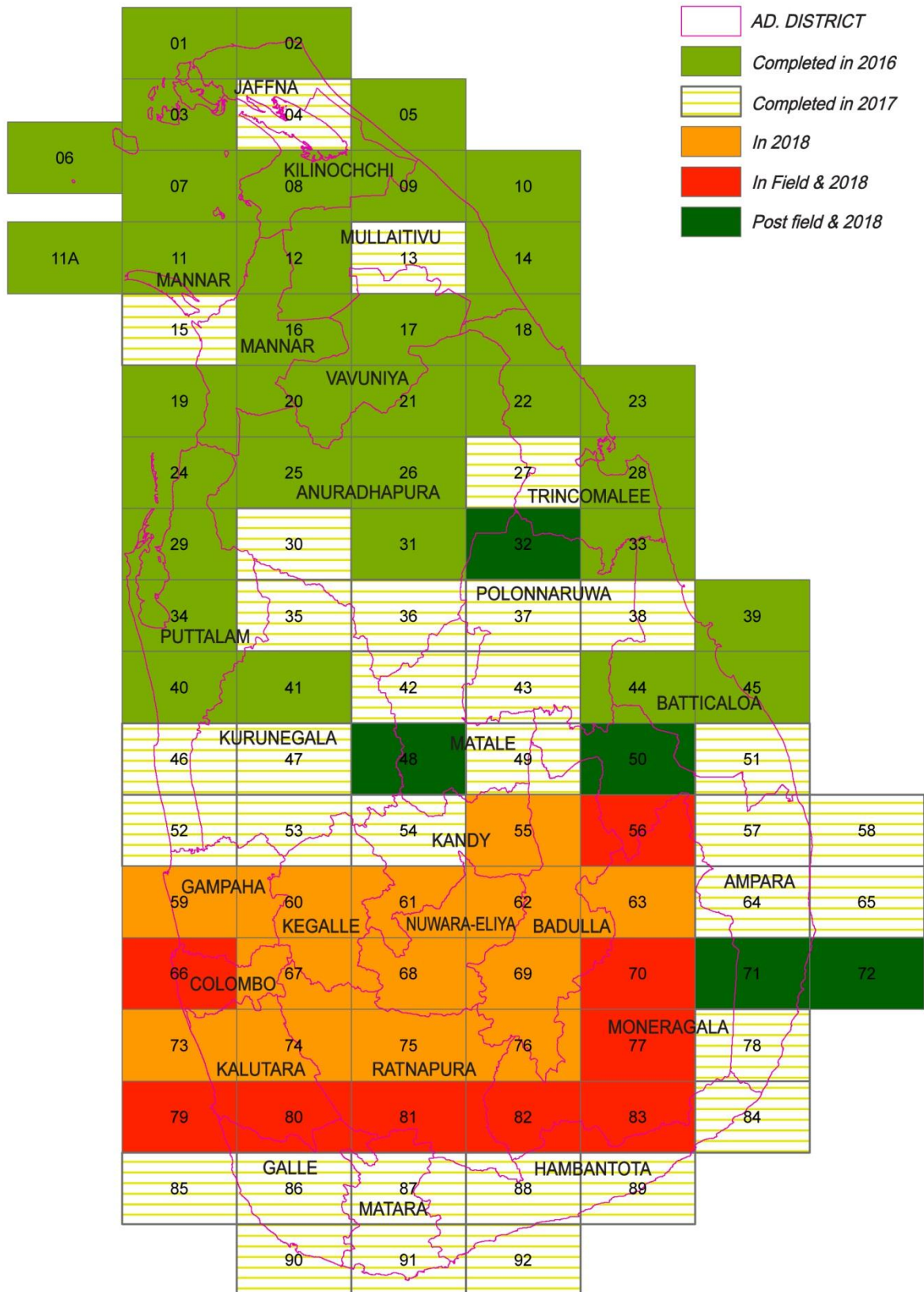
- Work of 33 sheets has been completed using the high resolution satellite photographs for the 1:50,000 map series.

9.3 Geographical Information System Branch

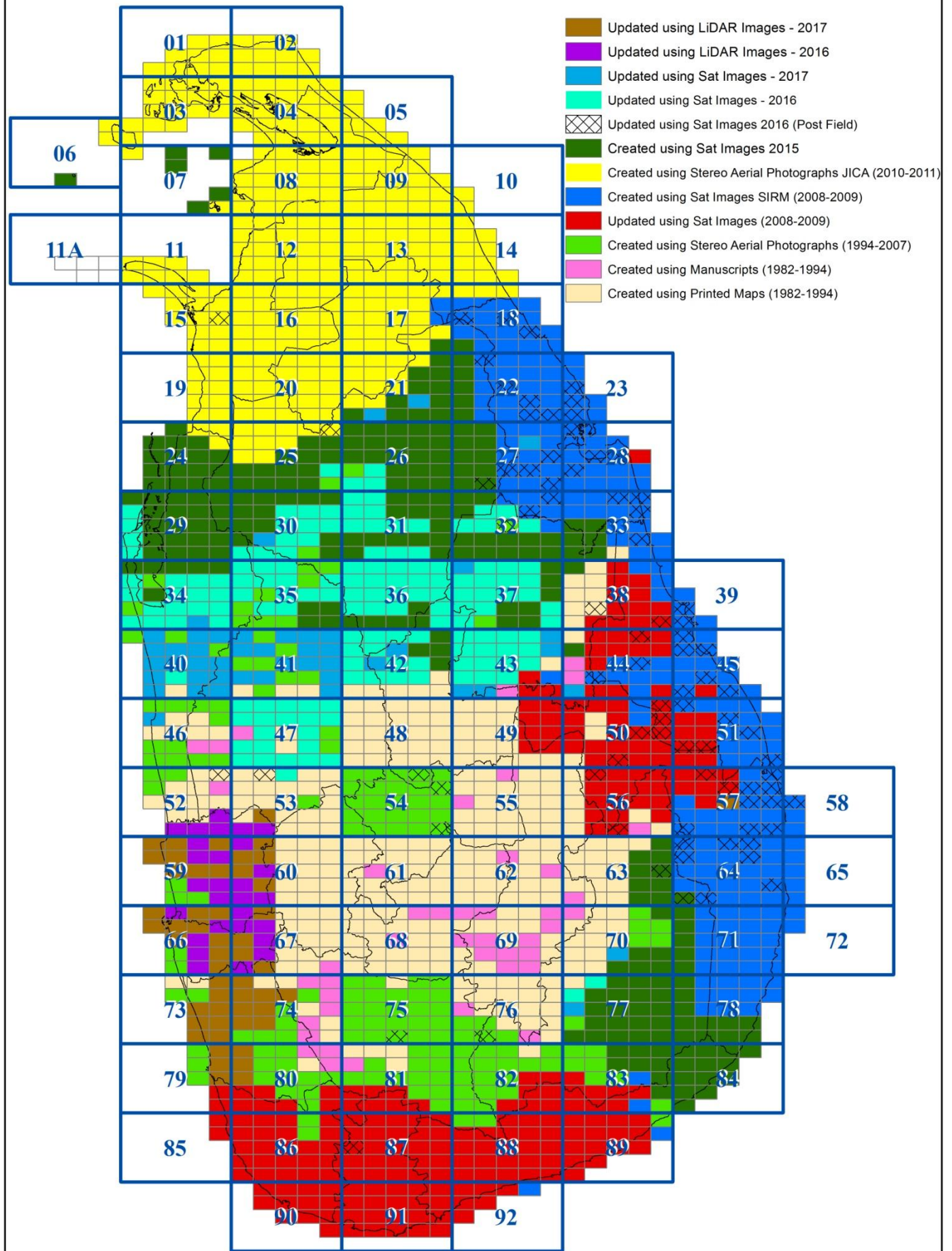
Preparation of 1:10,000 digital topographical data for an area of 5600 square meters by Geographical Information System Branch has been carried out in 2017. Apart from that following services also performed by this section.

1. Preparation of maps for 2500 Grama Niladhari divisions
2. Preparation of Topographical digital data in the scale of 1:1000 relevant to 16 towns for the Ministry of Disaster Management.
3. Preparation of Topographic data in the scale of 1:10,000 relevant to two river valleys for the Ministry of Disaster Management
4. Creating and releasing of a program through the internet so as to find Grama Niladhari maps in Sri Lanka by them

NEW 1:50,000 TOPOGRAPHICAL DATABASE



1:10,000 Sheet Updating Progress Year 2017 GIS Branch



10.0 Land Information System Branch

The progress of this branch for the year 2017 is as follows.

Progress	Cadastral Surveys		Sprodic Surveys		Land Parcel Fabric		Estate and Forest Surveys	
	Lots	Sheets	Lots	Sheets	Lots	Sheets	Lots	Sheets
Up to 2016	1,007,393	5,410	28,775	1,749	-	-	-	-
2017	69,175	1,886	97,604	4,757	47,363	16,046	16,046	7,064
2017.12.31	1,076,568	7,296	126,379	6,506	47,363	16,046	16,046	7,064

1. Caring out the preparation of digital data for the land information system in relevant districts themselves and conducting of workshops to make aware the staff in the 25 districts for update of L.I.S. computer data base under the internet facilities.
2. Conducting of workshops in relation to perpetuation of data for land parcel fabric for the technical officers, in district offices.
3. Preparation of maps for the purpose of guidance for investors.
4. Supervising of preparation of Land parcel fabric in Polonnaruwa district by a private institution.

11.0 Institute of Surveying and Mapping- Diyatalawa

Introduction

The Institute of Surveying and Mapping as a training Institute operating under this department has accomplished its target for the year 2017 in accordance with annual academic program. This Institute is the only government institute in the country which house facilities are available to conduct practical training in fundamental and modern Land Survey techniques. Accordingly it is devoted in fulfilling its mission by providing a high quality education and experience in the field of Surveying and Mapping, to the students enabling them to achieve their full academic potential. Furthermore, the institute conducts Degree Course and Higher Diploma Course in surveying sciences in addition to Diploma courses for Map Technological Officers, Photogrammetric Technological Officers, Air Photographic Technological Officers, Remote Sensing Technological Officers in the Department and practical trainings for outside Civil engineering courses. Apart from that Continues Professional Development (CPD) programs are conducted by this institute for the departmental technical cadre to enhance their skills and knowledge for the purpose of providing of an excellent services to the nation.

This institute, which is consisted of nearly 175 of personnel with professionally qualified academic staff and non-academic staff, operates under the Senior Deputy Surveyor General (Training)/Director (I.S.M.)

11.1 Courses conducted by the Institute during the year

11.1.1 Regular courses conducted during the year

Serial Number	Name of the Course	Duration	Date commenced	Date Completed / Due to be completed	Number of participants
1	Bachelor's Degree Course in Surveying Science	4 years	07.10.2014	06.10.2018	91

11.1.2 Short Term Courses conducted for the Survey Department

Serial Number	Name of the Course	Name of dates	Date conducted
1	Senior superintendant of survey seminar	2	02/03-02-2017
2	Cigas training work shop	2	10/11-02-2017
3	Technical and administration officers and senior map technological officers vocational development program	3	24/ 26 -07-2017
4	Vocational development program-01 for the superintendant of surveys	5	21/25-08-2017
5	Vocational development program-02 for the superintendant of surveys	5	11/15-09-2017
6	Vocational development program-03 for the superintendant of surveys	5	18/22-09-2017
7	Vocational development program for the senior superintendant of surveys	2	13/14-12-2017

11.1.3 Short Term Courses conducted for the Other Institutions

Serial No	Course description	No. of participants	Duration	Organization
1	Education Visit	91	2017.01.10	Commando Regiment Training School - Uva Kuda oya
2	Education Visit	90	2017.01.17	Volunteer Force Training School - Diyatalawa
3	Total Station Work program	25	01.17.2017. 01.19.2017	Provincial Road Development Uthority Badulla
4	Education Visit	91	20.01.2017	Sri Lanka Navy Headquarters - Colombo
5	Induction training program	40	23.01.2017 .25.01.2017	SLAS Group 02
6	Education Visit	90	27.01.2017	Commando Regiment Training School - Uva Kuda oya
7	Survey Field Assistant training program -2016 (NVQ Level 2/3/4) - Group 5	132	09.01.2017 20.01.2017	Vocational Training Authority
8	Education Visit	91	10.02.2017	Commando Regiment Training School - Uva Kuda oya
9	Survey Field Assistant training program -2016 (NVQ Level 2/3/4) - Group 7	119	30.01.2017 09.02.2017	Vocational Training Authority
10	GPS And GIS Program	40	21.02.2017 23.02.2017	Department Of Local Government - Anuradhapura
11	Education Visit	31	16.02.2017	Naval & Maritime Academy - Trincomalee
12	Theodolite Survey Program	31	13.02.2017 02.03.2017	North Western Province - RDA
13	Survey Field Assistant training program -2016 (NVQ Level 2/3/4) - Group 6	122	20.02.2017 02.03.2017	Vocational Training Authority
14	Education Visit	25	01.02.2017	Air Force - Diyatalawa
15	Education Visit	91	14.03.2017	Commando Regiment Training School - Uva Kuda oya
16	Education Visit	59	31.03.2017	Sri Lanka Navy Headquarters - Colombo
17	Education Visit	83	31.03.2017	Siyane Educational Training Collage
18	Induction Training program	42	03.04.2017 05.04.2017	SLAS Group 04
19	Education Visit	87	06.04.2017	Air Force - Diyatalawa
20	Education Visit	91	07.04.2017	Commando Regiment Training School - Uva Kuda oya
21	Induction Training program	42	17.04.2017 19.04.2017	SLAS Group 03
22	Induction Traing programme	42	24.04.2017 27.04.2017	SLAS Group 05
23	Education Visit	70	27.04.2017	Sri Sumangala Central Collage
24	Education Visit	70	28.04.2017	Kuda Kusum Balaika Viddayalaya
25	Annual Survey Camp	57	15.05.2017 19.05.2017	Advanced Technological Institute - Galle
26	Education Visit	78	16.05.2017	Volunteer force Training school
27	Induction Training program	28	22.05.2017 23.05.2017	SLAS Group 01
28	Induction Training program and Survey Camp	47	22.05.2017 26.05.2017	Southern Province Irrigation Department - Galle

29	Education Visit	17	26.05.2017	Sri Lanka Navy - Trincomalee
30	Education Visit	79	29.05.2017	Sri Lanka Artillery Camp Minnariya
31	Education Visit	40	30.05.2017	Commando Regiment Training School - Uva Kuda oya
32	Education Visit	42	01.06.2017	B/Darmapala Maha Viddyalaya
33	Education Visit	25	12.06.2017	B/Piyatissa piriwana
34	Education Visit	35	13.06.2017	CP/W/TBM herath Viddyalaya
35	Education Visit	35	16.06.2017	CH/We/Josep Vaz Collage
36	Education Visit	32	22.06.2017	B/Ananda Central Collage
37	Education Visit	34	22.06.2017	Navigation School Trincomalee
38	Education Visit	72	28.06.2017	University of Sabaragamuwa
39	GIS & GPS Surveying Program	36	29.06.2017 30.06.2017	Coast & Coastal Conservation Resource Management Department
40	Survey & Leveling Program	34	04.07.2017 07.07.2017	District Secretariat Office- Kurunagala
41	Education Visit	40	07.07.2017	Technical Collage Matara
42	Education Visit	59	17.07.2017	Sri Lanaka Navy
43	Annual Survey Camp	92	17.07.2017 21.07.2017	Advanced Technological Institute - Colombo
44	Survey & Leveling Program	25	26.07.2017 28.07.2017	District Sectatary Office- Matale
45	Education Visit	24	01.08.2017	H /Dutugamunu M.V
46	Education Visit	38	03.08.2017	Zonal Education Office - Hambantota
47	Geography , GIS & GPS Surveying Program	60	03.08.2017 04.08.2017	Zonal Education Office - Matale
48	Education Visit	59	07.08.2017	Sri Lanka Air Force
49	Education Visit	67	08.08.2017	Sri Lanka Air Force
50	Survey Camp	22	14.08.2017 18.08.2017	University Collage of Kuliypitiya
51	Survey Camp	10	14.08.2017 25.08.2017	Sri Lanka Navy
52	Education Visit	22	29.08.2017 30.08.2017	Sir John Kotalawala Defence University
53	Education Visit	57	18.09.2017	Volunteer Force Training - Diyatalawa
54	Training Program For Teachers	50	25.09.2017 27.09.2017	Education Department Of Uva Province
55	Education Visit	52	29.09.2017	B/Gampaha Bandaranayake M.M.V. - Maspenna
56	Education Visit	18	03.10.2017	B/Vishaka M.M.V
57	Education Visit	68	12.10.2017	Sri Lanka Navy
58	Education Visit	45	16.10.2017	Naval & Maritime Academy - Trincomalee
59	Education Visit	50	19.10.2017	Technical Collage Ambilipitiya
60	Education Visit	29	23.10.2017	B/Saraswathi C.C - Badulla
61	Education Visit	29	30.10.2017	Naval & Maritime Academy - Trincomalee
62	Education Visit	19	06.11.2017	B/Seevalee M.M.V
63	Training Program	50	08/10.11.2017	Land Commissioner Department - Southern Province
64	Training Program	27	13/16.11.2017	District Secretariat office - Kagalle
65	Education Visit	24	24/11/2017	Sri Lanka Navy
66	Training Program	41	29/30.11.2017	Land Commissioner Department - Southern Province
67	Training Program	7	04/08.12.2017	Land Commissioner Department - Uva Province

68	Education Visit	33	17.12.2017	B/Janadhipati vidyalaya
69	Education Visit	29	17.12.2017	B/Kappetipola M.V
70	Survey Camp	58	18/23.12.2017	IET-Katunayaka

12.0 Examination Branch

Annually conducted examinations by the department, are accomplished by the Examination Branch under the Deputy Surveyor General (Academic)

No .	Name of Examination	No. of Applications Received	No. of Applications eligible	Exam held on/to be held on (Date)	No. of Candidates Present	Closing Date for Applications	Results Issued on	No. of Passes	No. of Referred	Total Expenditure (Rupees)	Expenditure Per Candidate (Rupees)
1	1 st EB of PL- 01-2006A (Departmental Labors)	11	10	2017/03/21-22	10	2017/01/31	2017/05/03	09	01 (Fail)	4380.00	219.00
2	1 st EB of PL- 01-2006A (Circuit Bungalow Keeper)	03	03		03			03	00		
3	1 st EB of PL- 01-2006A (Tools Labors)	04	04		04			04	00		
4	1 st EB of PL- 01-2006A (Vehicle Assistants)	03	03		03			03	00		
5	2 nd EB of PL- 01-2006A (Departmental Labors)	97	97	2017/03/22-23	95	2017/01/31	2017/05/03	94	01 (Fail)	-	-
6	1 st EB of SFAA	67	66	2017/05/15-19	62	2017/02/28	2017/07/06	61	01 (Fail)	-	-
7	2 nd EB of SFAA	54	47	2017/05/20	22		2017/07/28	14	08 (Fail)	5440.00	116.00
8	3 rd EB of SFAA	119	116	2017/05/22-26	113		2017/07/06	107	06 (Fail)	-	-
9	First Departmental Examination of IIB of SLTS (Map Technological Officers)	13	02	2017/06/17-18	02	2017/04/28	2017/08/29	02	00 (Fail)	3930.00	1965.00
10	Examination for issue of Surveyor General's Certificate as Authorized Draughtsman (Part I) ; Gazette on April 2017	207	182	2017/07/22	108	2017/05/19	2017/10/02	# 27	81 (Fail)	37413.80	205.00

11	Second Departmental Examination of IIA of SLTS (Map Technological Officer)	42	01	2017/09/28-29	01	2017/06/30	2017/11/21	00	01	11625.00	11625.00
12	First EB for officers of Class II Grade II of SLSS	85	54	2017/09/10		2017/05/26	2017/12/18	22	15 (Referred) 03 (Fail)		
13	1 st EB of PL- 01-2006A (Departmental Labors)	01	01		01			01	00	-	-
14	2 nd EB of PL- 01-2006A (Departmental Labors)	24	24	2017/09/18-22	24	2017/07/31	2017/10/06	22	02 (Fail)	-	-
15	Examination for issue of Surveyor General's Certificate as Authorized Draughtsman (Part II) ;Gazette on April 2017	# 27	27	2017/10/21-22	22	Candidates pass the part I.	2017/11/21	08	14 (Fail)	19454.00	720.50
16	1 st EB of SFAA	29	29	2017/11/06-10	26		2017/11/30	26	00 (Fail)	-	-
17	2 nd EB of SFAA	52	52	2017/11/11	27	2017/08/31	2017/11/30	19	08 (Fail)	5550.00	106.00
18	3 rd EB of SFAA	57	56	2017/11/13-17	54		2017/11/30	51	03 (Fail)	-	-
19	1 st EB of SFAA	1218	295	2017/06/03	294	2017/05/15	2017/06/23	294	00	49002.00	166.00
20	2 nd EB for officers of class II grade II of SLSS	205	205	2 nd EB Exam for officers of class II grade II of SLSS is to be held on January 2018							

13.0 Research and Development Branch

Identifying the weak points, influenced for the progress of the department and submission of relevant proposals to settle them, identifying of new methodologies required for surveying and mapping and introducing them for “improvements of productivity and efficiency of the department, introducing of new technological methodologies through researches; training of officers for use of new technology, preserving of the quality specification of the departmental maps and plans etc. are the main role of this branch.

It is expected to properly fulfill the procedure of conversion of substitution of transition technology to the departmental role through this. Revision of Departmental regulations/Standing orders as appropriate and publish of survey journal are the other tasks which accomplished by this branch.

The following activities, projects have been carried out to complete the aforesaid requirements in year 2017.

1. Making arrangement for use of SDCAD software to government surveyors and licensed surveyors

2. Selecting the unused old instruments available in the procurement and supply branch in the survey General's Office, and distributing of them to the selected schools in the island and to the technical colleges.
3. Creation of stores data system for stores management and improvement of the system.
4. Preparation of specifications required for purchasing of computer software and hardware and automatic instruments required to enhance the efficiency of the departmental duties.
5. Arranging the departmental technical library systematically and computerizing.

14.0 Title Registration Survey Branch

In terms of the Title Registration Act No 21 of 1988, in view of issuing titles for all government and private lands situated in Island, the cadastral maps and cadastral plans that require under the Bimsaviya Program, implemented by the Ministry of Lands and Land Development, are prepared by the department. These activities are carried out by the field staff of the department and co-ordination of them is carried out by the Title Registration Survey Branch of the Surveyor General's office.

Survey department was capable to carry out surveys in 45 divisional secretariat divisions under the Bimsaviya program in year 2017, in addition to that state lands, due to be divide in 37 divisional secretariat including northern and eastern, were surveyed on the request of divisional secretariats so as to be able to register under the Title Registration Act.

Bimsaviya program was implemented through the government and likened surveyors under 103 million of provision in year 2017. Accordingly surveys have been carried in 66,891 allotments through the government surveyors who made contribution in this year, 38504 allotments through the licensed surveyors and the cadastral map in 105,395 total allotments have been prepared.

In addition to that, prior to preparation of the cadastral map in the Colombo municipal council limit, as a pre preparation, sketches /parcel fabric for all the allotments relevant to 47 divisions belong to it, have been prepared so as to cover the Colombo municipal council limits.. The map which the current progress of the Bimsaviya program indicated is as follows.

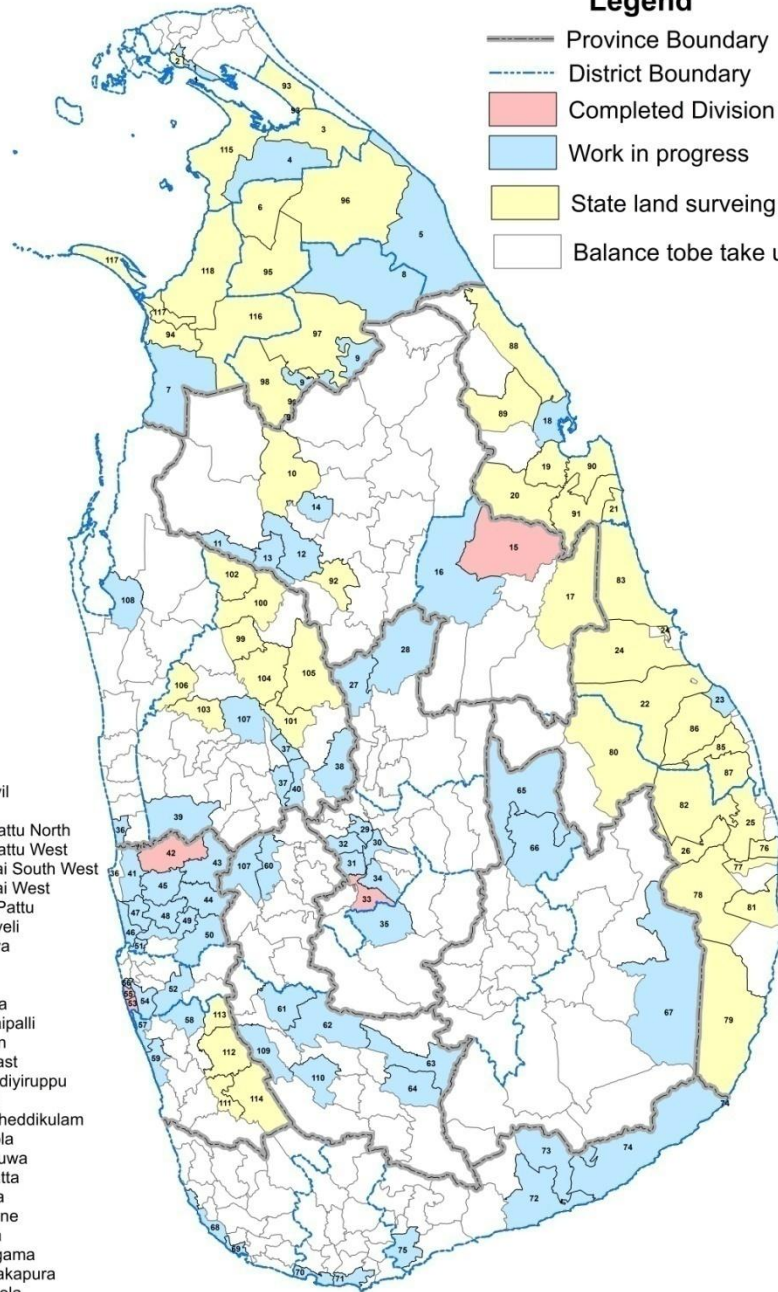
Bimsaviya Programme 2017 (Divisional Secretariat wise status of Cadastral Surveys)



- 1 Nallur
- 2 Jaffna
- 3 Kandavalai
- 4 Karachchi
- 5 Maritime Pattu
- 6 Tunukkai
- 7 Musali
- 8 Vavuniya North
- 9 Vavuniya South
- 10 Nuwaragampalatha Central
- 11 Rajaganaya
- 12 Thalawa
- 13 Tambuttegama
- 14 Nuwaragampalata East
- 15 Medirigiriya
- 16 Hingurakgoda
- 17 Welikanda
- 18 Trincomalee Town & Four Gravet
- 19 Kinniya
- 20 Kantale
- 21 Eachchilampattu (Verugal)
- 22 Eravur Pattu (Chenkalady)
- 23 Manmunai North (Batticaloa Town)
- 24 Koralai Pattu South & Central
- 25 Sammanthurai
- 26 Ampara (Namal Oya)
- 27 Galewela
- 28 Dambulla
- 29 Harispattuwa
- 30 Kandy Four Gravets
- 31 Udunuwara
- 32 Yatinuwara
- 33 Udapalatha
- 34 Doluwa
- 35 Kotmale
- 36 Wennappuwa
- 37 Kurunegala
- 38 Rideegama
- 39 Pannaia
- 40 Mallawapitiya
- 41 Katana
- 42 Divulapitiya
- 43 Mirigama
- 44 Attanagalla
- 45 Minuwangoda
- 46 Wattala
- 47 Ja-Ela
- 48 Gampaha
- 49 Mahara/Kadawata
- 50 Dompe (Weke)
- 51 Kelaniya
- 52 Homagama
- 53 Moratuwa
- 54 Kesbewa
- 55 Ratmalana
- 56 Dehiwala
- 57 Panadura
- 58 Horana
- 59 Kalutara
- 60 Galigamuwa
- 61 Kuruwita
- 62 Ratnapura
- 63 Balangoda
- 64 Weligepola
- 65 Mahiyanganaya
- 66 Ridimaliyadda
- 67 Siyambalanduwa
- 68 Hikkaduwa
- 69 Galle Four Gravets
- 70 Weligama
- 71 Matara Four Gravets
- 72 Hambantota
- 73 Lunugamwehera
- 74 Tissamaharama
- 75 Beliatta
- 76 Addalaichchenai
- 77 Akkaraipattu
- 78 Damana
- 79 Lahugala
- 80 Maha Oya

- 81 Thirukkovil
- 82 Uhana
- 83 Koralai Pattu North
- 84 Koralai Pattu West
- 85 Manmunai South West
- 86 Manmunai West
- 87 Porativu Pattu
- 88 Kuchchaveli
- 89 Morawewa
- 90 Mutur
- 91 Seruvila
- 92 Ipalogama
- 93 Pachchilaipalli
- 94 Nanaddan
- 95 Mantai East
- 96 Puthukkudiyiruppu
- 97 Vavuniya
- 98 Vengalcheddikulam
- 99 Ambanpola
- 100 Galgamuwa
- 101 Ganewatta
- 102 Giribawa
- 103 Kobeigane
- 104 Mahawa
- 105 Polpithigama
- 106 Rasnayakapura
- 107 Wariyapola
- 108 Puttalam
- 109 Ayagama
- 110 Nivithigala
- 111 Agalawatta
- 112 Bulathsinhala
- 113 Ingiriya
- 114 Palinda-Nuwara
- 115 Poonakary
- 116 Madhu
- 117 Mannar
- 118 Mantai West

- Legend**
- Province Boundary
 - District Boundary
 - Completed Division
 - Work in progress
 - State land surveing
 - Balance to be take up



Scale : 1:2,000,000

**The National Land Title Registration Programme
Ministry of Land Development
Sri Lanka Survey Department**

15.0 Progress Branch

Mainly the following functions are carried by this branch.

15.1 Performance Report

Performance Report of Surveyor General's for the year 2016 has been prepared and distributed as appropriately.

15.2 Report for the opportunity of the budget committees

Progress Report submitted for the opportunity of the budget committee for the year 2018, has been duly completed and submitted.

15.3 Distribution of daily mail

Distribution of daily mail is regularly and properly carried out throughout the year. Implementation of administrative work is facilitated thereby. Letters received to the department have been entered to the mail tracking system. Accordingly, **42476** letters have been entered in this year.

15.4 Circulation of the circulars

A change in the classification of circulars issued by the Surveyor General relevant to each section has been made at the beginning of the year. Accordingly, circulars which had been separated as supervising, superintendent and administration brought into one category and named as "Departmental management circulars." The following circulars have been printed and circulated among the departmental staff and they have been posted by this section to the field officers who were in different places in the Island.

Since internet facilities have been provided it has been planned to publish all the circulars in the web site and to send them by e-mail.

<i>Type of the Circular</i>	<i>Number of Circulars</i>
Departmental management circulars	06
Departmental management Circular Letters	13
Field Staff Circulars	08
Field Staff Circular Letters	20
Office Staff Circular	02
Office Staff Circular Letters	30

15.5 Translations

Translation requirements in all the branches in the department are fulfilled by this branch and Sinhala – English translations are made by the Sinhala-English translator. Since a Tamil translator is not available in the office, it should have to get Tamil translations done by outside translators on payments. Rs.78035.00 has been paid for Sinhala- Tamil translations in the year 2017.

15.6 Study Sessions

Facilities required for university students and officers in security forces who come to the department to study the departmental role and to visit various branches in the department, are provided by the progress branch and study session for **13** groups of university students and **559** officers in security forces have been held during the year under review.

15.7 Approval of Over Time & Holiday Pay

Getting approval for the requests received for over time and holiday pay of all officers in the department, from Surveyor General and Secretary to the Ministry of Land and granting approval to each officer as appropriate is another duty, performed by the Progress branch. Accordingly, a basic approval for over time was obtained at the beginning of the year as per the instructions of the ministry and payments were made so as not to exceed it. 1344 approvals of overtime and holiday pay including above approvals and approvals made subsequently for special duties have been made in the year.

16.0 Security and Janitorial Services

These services have been provided by the private sector under the supervision of the department throughout the year under review. Sirakma Security Services (private) Company engaged for the security services and the Filter Environment Service (private) company properly maintained the cleanliness of the department and attractiveness of the office premises. However, because of weakness in their service quotations were recalled in the middle of the year and janitorial services were granted to the institute of Nipuni cleaning services from 01-08-2017.

17.0 Welfare of the staff

Welfare activities are carried out by the Welfare Officer who appointed for the departmental welfare and in addition to the general welfare activities, the following special activities have been accomplished in the year review.

- i. A Pirith Chanting to obtain blessings for the staff prior to beginning duties and tea ceremony for all the staff was held on January 02.
- ii. Sinhala and Tamil Avurudu Uthsawaya was held and officers in the department and their children participated to it. Prizes were given to the winners.
- iii. Providing of electric items, shoes, clothes and books on concessionary prices on behalf of Sinhala and Hindu New Year and at the end of the year.
- iv. Improving the facilities, maintenance of the day care center which provides care for the children of the staff.
- v. Maintenance of a shop for sale an essential items on concessionary prices in lunch break and properly maintenance of the welfare canteen
- vi. Improving of emotional sense of the departmental officers holding the Vesak, Nawarathri festivals,
- vii. Conducting of various medical clinics and instruction programs for the welfare of the employees.

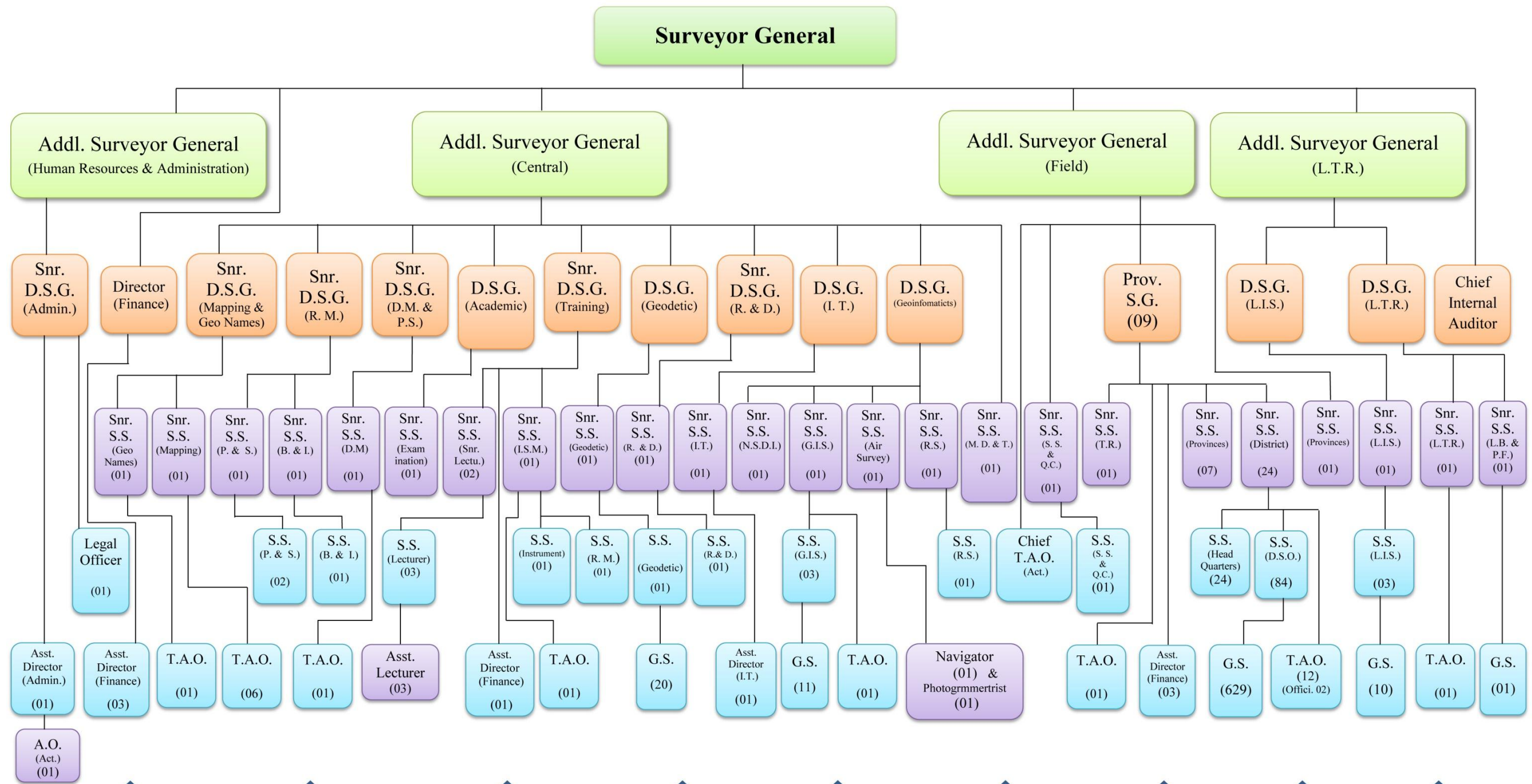
In addition to that, a Co-operative Thrift and Credit Society, a Sports Club, a Reading Room and a Library are successfully implemented with the help of the staff. Further, common activities are fulfilled by the Buddhist Association and Music Circle.

18.0 Conclusion

In addition to fulfilling of the targeted tasks, as planned for the year under review, the department was able to carry out the emergency surveys and map requirements that required for the government development projects and the social welfare activities. It was possible to enhance the new technological knowledge that required for that, to introduce new technological instruments and to achieve the progress of the surveying work up to 135%. It should be marked that the service received from the members of the staff in all services and all levels in the Department to achieve such performance in this year, is highly appreciated. The cooperation received for this task from the officers of the Ministry of Lands and Land Development, departmental unions also is appreciated.

P.M.P. Udayakantha
Surveyor General

Administrative Structure of Survey Department - 2017



Other Staff (M.T.O./R.S.T.O./P.T.O./L.T.O/P.T.T.O./A.P.T.O./M.A./S.I.T./S.F.A./D.L.)			
Addl. S.G. - Additional Surveyor General	G.S. - Government Surveyor	L.I.S. - Land Information System	A.P.T.O. - Aerial Photographic Technological Officer
Snr. D.S.G. - Senior Deputy Surveyor General	A.O. - Administrative Officer	I.T. - Information Technology	L.T.O. - Litho Technological Officer
D. S.G. - Deputy Surveyor General	R.M. - Resource Management	R.S. - Remote Sensing	P.T.T.O. - Plan Typographic Technological Officer
Prov. S.G. - Provincial Surveyor General	B. & I. - Building & Instrument	S.S. & Q.C. - Special Survey & Quality Control	P.M.A. - Public Management Assistant
Snr. S.S. - Senior Superintendent of Surveys	P. & S. - Procurement & Supplies	L.B. & P.F. - Land Bank & Parcel Fabric	S.I.T. - Survey Instrument Technician
Snr. Lectu. - Senior Lecturer	D.M. & P.S. - Document Management & Professional Standards	D.S.O. - Divisional Survey Office	S.F.A. - Survey Field Assistant
S.S. - Superintendent of Surveys	R. & D. - Research & Development	M.T.O. - Map Technological Officer	D.L. - Departmental Labour
Chief T.A.O. - Chief Technical & Administrative Officer	L.T.R. - Land Titling Registration	R.S.T.O. - Remote Sensing Technological Officer	Act. - Acting
T.A.O. - Technical & Administrative Officer	M.D. & T. - Management Development & Training	P.T.O. - Photogrammetric Technological Officer	Offici. - Officiating