



කාර්යසාධන වාර්තාව செயலாற்றுகை அறிக்கை **Performance Report**



2018

ශ්‍රී ලංකා මිනින්දෝරු දෙපාර්තමේන්තුව
இலங்கை நில அளவதைத் திணைக்களம்
Sri Lanka Survey Department

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Performance Report of the Surveyor General for the year - 2018

1.0 Introduction

Activities of human beings are mostly remaining linked with the land. Acquiring a piece of land to put up a house is a big expectation of a person. Among the basic factors of production, the first place goes to land. Although there are many of such human needs, entire country cannot be allocated only for human activities. Lands should be allocated for the purposes of prevention of extinction of animal species, protecting of environment balance and the natural beauty of the country etc. Data system, which accurate data on land has been entered should be available for making decision for carrying out of such matter in proper management. The Survey Department is consisted of personnel who show loyalty to the service and have professional skills that empower the department mission for the purpose of achieving of vision of being pioneer who fulfills these functions.

All the provincial offices, district offices, divisional offices, branches of the head office belong to the department are implemented on the concept of providing of public friendly service and assistance has been provided in different way for the fulfillment of government requirements in year 2018 also. Providing pioneer participation for the program of granting of 1.1 million land lots to the public under the Land Development Ordinance identified as a prominent function of the government, 60,000 of land lots have been surveyed in year 2018 under surveying of land which is a basic function of said program and 36,808 of diagram concerning of that have been issued.

National spatial data infrastructure branch, initiated for providing of all types of data from one institution that required for the other institutions that help to the development process of the country, has achieved their expected goals during the year.

Different types of requisitions required for development activities such as roads, improvements on railway track systems, construction of new reservoirs, establishment of new industrial estate as well as surveying required for development of tourism activities, forest and reservation survey's, surveys required for current needs etc. have been carried out in this year.

30 maps in the scale of 1: 50,000, used for planning of development activities have been completed during this year. Accordingly, preparation activities in 80 maps in second edition of topographical maps in the scale of 1:50,000 have been completed and 72 maps of them have been printed.

Entering of roads, water courses and place names in 8,275 Grama Niladhari Divisions have been carried out by the Geographical Names Branch in 2018 and accordingly data system in all Grama Niladhari Divisions (14,022) has been prepared by now as planned.

Information technology has been properly used for departmental activities and raising the reputation of the island and marking a significant turning point in the journey towards using information technology of the department, Investor's guide for reserves data base prepared by the information technology branch for purpose of obtaining of land information that support to encourage the investors who contribute for the local economic development was won the merit award in the competition of e-Swabhimani held by Information Communication and Technology Agency (ICTA) to make digital investors of the nation win and give them to recognition.

Degree courses, short term courses have been conducted for departmental officers by the Institute of Surveying and Mapping – Diyatalawa and officers have been trained through that for the requirement of the department.

Workshops have been conducted by the department for the purpose of uplifting of duty level of officers in the department and officers have been referred for the workshops conducted by outside institutions and in foreign countries.

Activities such as fulfillment of Geodetic requirement by establishment of Geodetic control network initiated in previous years and carrying out of surveys in high accuracy introducing Global Navigation Satellite System (GNSS), establishment of Sri Lanka Continuously Operated Reference System (SLCORS) using said technology and collecting of data by Light Detection And Ranging (LiDAR) technology were maintained with further developments.

If shortage of the staff that most affected for the efficiency of the department were not completed by new recruitments, shortage has been able to somewhat avoid.

Action has been taken to uplift the departmental activities further, with the participation of the productivity circles, implemented in all the offices in the department and all the branches of the head office and the Survey Department, North Western Provincial Surveyor General's and Divisional Survey Office Anuradhapura participated to the National productivity award competition held by the national productivity secretariat for the year 2018 and the Survey Department won a merit award and North Western Provincial Surveyor General's Office and District Survey Office Anuradhapura won the third place.

In addition to the official duties, the members of the sport club won the public services indoor sport competitions and cricket tournaments.

1.1 Vision

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 surveying 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 the government funds for each purpose which have to be completed during the year.
- Maintaining of discipline of the departmental staff and the welfare activities
- Maintaining and controlling of standards of surveying profession.

1.4 Role

- Facilitating of fulfillment of geodetic requirement through establishment geodetic control network and carrying out of surveys in high accuracy introducing Global Navigation Satellite System (GNSS) technology and establishment of Sri Lanka Continuously Operated Reference System (SLCORS) network by GNSS technology.
- A basic requirement, Surveying of lands and preparation of plans, for giant development schemes such as Highways, widening of roads, beginning of air ports, harbors, tourism projects, power projects.
- Implementation of the program of granting of 1.1 million land lots in state lands to the public, for the activities of issue of diagrams for the purpose of surveying under L.D.O. and providing grants.
- Carrying out of surveys as per survey requisitions received from divisional secretaries on different kinds of requirements and submission of relevant plans, supplying of survey services for all statutory requirements and providing of copies of them for relevant institutions.
- Carrying out of court commission surveys as per court requirements, submission of relevant tracings and appearing in the court and answering when necessary.
- Issue of aerial photographs taken by the department during the period of 1952-2014 so as to be able to use for mapping, development plans, customer requirements etc.
- Preparation and update 1:50,000 topographical map series, reinstating the mile per inch topographical map series that was available at the beginning of the department, preparation of 1:10,000 topographical map series so as to cover the whole the island, preparation of maps for thematic and special matters.
- Preparation of National Atlas in three languages.
- Preparation of Geographical data base system so as to cover whole island using aerial photography and satellite images and update
- Preparation of land information system properly so as to cover the Island.
- Obtaining of geographical / land information using the technology on satellite images.
- Properly maintaining of standers required for survey profession.
- Training of officers as per the departmental requirements by conducting of degree courses, high diploma courses, diploma courses, certificate courses by the institute of Surveying and Mapping under the department and conducting of practical training courses for the officers at the requests of other institute.
- Providing of advices and Services on Survey activities for government institution.

- Conduction of examinations relevant to departmental staff.
- Conduction of researches that can be required for the matters related to surveying of land and mapping.
- Issue of accreditation certificates regarding of skill of the surveyor on cadastral surveying of registered surveyors under the title registration act.
- Preparation of Final Village plan and final topographical map under the Land Settlement act.
- Implementation of Bim Saviya program which carrying out surveying of all state and private lands situated in the island in free of charge in terms of the Title Registration of the Title Registration Act and preparation of cadastral maps and providing them to the department of Land Registrar General to issue the title registration certification.
- Keeping safe the old plans prepared from the beginning of the department and providing facilities for the public for obtaining of their own title plan quickly and easily for public requirements.
- Providing of technical assistance that required for implementation of formal national program for use and transferring of spatial data and information in common and assistance required for policy making, to the institute of Sri Lanka information and communication Technology.
- Introducing of an accurate and explicit geo name and data system through the standardization, that support to the national peace linked with the heritage of Sri Lankan people.
- Introducing of Light Detection And Ranging (LiDAR) technology to Sri Lanka .Providing of facilities of obtaining of data required thereby.
- Conducting of academic sessions for studying of the role and different bodies of the department for university students and officers in security forces.

2.0 Staff Organizational Structure

As the head of the department, the Surveyor General is responsible for maintaining of the performance levels that require to perform 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 2018 as mentioned below.

Designation	Number of Officers recruited
Asst. Supdt. of Surveys/Surveyors/ Apprentice Surveyors	49
Technical and Administrative Officer	12
Snr. Remote Sensing Technological Officer	01
Plan Repairer	02
Survey Field Assistant	256
Public Management Assistant Service.	122
Combined Services Drivers' Service	47
Office Employees' Service I/ II / III	56

3.1 Staff

Full details of the Staff of the Department are given below. Shortage in approved cadre in different services in the department was 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.	Approved Designation	Approved Cadre	Number in previous year	Retirement	Transfers		Left the post	Dead	Left the post to secure & other posts	Recruitments	Promotions	Staff in year 2018
					Out	In						
1.	Surveyor General	01	01									01
2.	Addl. Surveyor General (SLSS)	03	03									03
3.	Addl. Surveyor General (SLAS)	01	01		01	01						01
4.	Senior Deputy Surveyor General	06	06	01							01	06
5.	Deputy Surveyor General/Provincial Surveyor General	15	15	01							01	15
6.	Snr. Supdt. of Surveys	60	57								02	59
7.	Supdt. of Surveys	139	97	07							04	86
8.	Asst. Supdt. of Surveys/Surveyors Apprentice Surveyors	850	748	02	05	01	01			49		790
9.	Chief Technical and Administrative Officer	01	0									0
10.	Technical and Administrative Officer	45	23	05						12		30
11.	Snr. Map Technological Officer(Special Grade)	56	40	03					12			25
12.	Map Technological Officer-I, II, III, Training Grade	574	366	10					09			347
13.	Navigator	01	01									01
14.	Photogrammetrist	01	0									0
15.	Snr. Photogrammetric Technological Officer	04	02									02
16.	Photogrammetric Technological Officer – I, II, III, Training Grade	26	20	03								17
17.	Snr. Remote Sensing Technological Officer	01	0							01		01
18.	Remote Sensing Technological Officer – I, II, III, Training Grade	13	10						01			09
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
24.	Plan Typographic Technological Officer –I, II, III, Training Grade	07	03									03
25.	Transport Officer	01	0									0
26.	Information Technology Assistant	01	01									01
27.	Programmer III	01	0									0
28.	Data Entry 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	02	01								01
33.	Survey Instrument Technician – I, II, III	15	04									04
34.	Carpenter - I, II, III	09	03									03
35.	Welder	01	01	01								0
36.	Tool Labourer	04	04						02			02
37.	Lorry Cleaner	07	06						01			05
38.	Map Mounter & Book Binder	04	03									03
39.	Plan Repairer	07	02							02		04
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 Laborer	170	157	08			01		08			140
46.	Motor Mechanic	02	01						01			0
47.	System Operator	01	01	01								0
48.	Deputy Director(Administration)/ Assistant Director (Administration)SLAS II/III	02	01									01
49.	Chief Accountant SLAS I	01	01		01	01						01
50.	Accountant SLAS II/ III	12	10		02	01						9
51.	Internal Auditor SLAS I	01	01									01
52.	Translator	04	01									01
53.	Assistant Translator	01	0									0
54.	Administrative Officer	01	0									0
55.	P.M.A.S. I, II, III	488	393	14	122	79	05		14	122	03	439
56.	Development Officer	166	125		06	07	01					125
57.	Asst. Director (Information Technology and Communication)	01	01									01
58.	Information and Communication Officer	08	07		01							06
59.	Information and Communication Technological Assistant	22	17		03	03						17
60.	Combined Services Drivers Service Sp./ I, II, III	319	263	05	27	24	07	01	01	47	04	293
61.	Office Employees' Service I, II, III	207	136	02	02	04			09	56	02	183
62.	Survey Field Assistant grade I, II, III	4154	3412	177			16	03	12	256	122	3460
63.	System Operator	02	0									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 Addl. Surveyor General (SLAS), 05 Assistant Supdts. of Surveys, Surveyors, one Director (finance), 02 in SLAS, 122 Public Management Assistant Officers, 06 Development Officers, 01 Information and Communication Technology Assistant Officer, 03 Information and Communication Technology Assistants, 27 in Combined Driver's Service and 02 in Office Employee Service have transferred outside the department and, one Additional Surveyor General (SLAS), one Director (finance), 01 in SLAS, 79 in Public Management Assistant Service, 07 Development Officers, 03 Information and Communication Technology Assistants, 24 in Combined Drivers' Service and 04 in Office Employee Service arrived to the department on transfers.

Similarly, 01 Assistant Superintendent Surveyors/Surveyors, 05 Public Management Assistant Officers, 01 Development Officer, 07 in Combined Drivers' Service, 16 Survey Field Assistants, 01 Departmental Labour have vacated the posts.

3.3 Administration Activities

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

Serial No.	Description	Previous Year 2017			Current Year -2018		
		No. Received	Approved	Balance	No. Received	Approved	Balance
1	Recruitments for the service	318	296	331	426	420	6
2	Conducting of Examinations	1	1	0	102	102	0
3	Conducting of Interviews	9	9	1	183	179	4
4	Confirmation of service	361	410	28	590	532	58
5	Promotions	281	269	20	210	204	6
6	Payment of increments	2730	2377	621	2199	1672	527
7	Extension of service	0	0	0	3	2	1
8	Preparation of scheme of recruitment	2	1	1	2	2	0
9	Vacation of post	37	37	1	308	300	8
10	Interdictions	3	2	1	2	2	0
11	Reinstate in the service	4	3	2	24	9	15
12	Disciplinary Inquiries	0	0	0	0	0	0
13	Approval of leave to go abroad	110	110	0	101	100	1
14	Foreign Scholarships	0	0	0	0	0	0
15	Cabinet Papers	0	0	0	1	1	0
16	Commencing of bonds	0	0	0	0	0	0
17	Release of bonds	53	1	53	78	78	0
18	Approval of loans (Property)	42	42	0	29	29	0

3.4 Human Resource Development

Twenty seven opportunities out of 28, received for foreign trainings were short term opportunities. Similarly, 60 officers participated for 27 local trainings. Also 08 workshops and awareness programs organized by the department itself have been conducted and 441 officers participated for them.

3.4.1 Local Training -Short term course

Workshops organized by the Survey Department

No	Course Title	Participated Category	No. of Officers Participated
01	Three day work shop on ArcGIS & QGIS	Snr. S.S. / S.S.(Head Office)	25
02	One day work shop on conducting of disciplinary investigations(Part 1)	S.S./T.A.O.	66
03	Workshop on Remote sensing	Snr. S.S./S.S./M.T.O./A.P.T.O./P.T.O./R.S.T.O.	31
04	Workshop on CIGAS	C.A./ (Asst. Director(Finance)/D.O./ P.M.A.	65
05	Workshop on Mapping	M.T.O./A.P.T.O./P.T.O./R.S.T.O.	164
06	Awareness work shop about QGIS and Google Earth	S.G. /Ad S.G./Snr. D.S.G./D.S.G /P.S.G.	27
07	Tamil language course	Driver /S.F.A./K.K.S/.D.L.	57
08	Five day work shop on plan repair	S.F.A. /D.L	06
09	Training work shop of newly appointed P.M.A. officers	P.M.A.	95

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 aware concerning new methodologies in the survey field	Govt. Surveyor	691
02	Making aware concerning map updates and duties connected with them	T.A.O./M.T.O.	265
03	Disciplinary vehicle driving	Drivers	281

Information concerning the short term courses organized by the other institutions

No	Course Title	Institute	Participated Category	No. of Officers Participated
01	Speech craft training with the toastmasters international	SLIDA	P.S.G./D.S.G.	02
02	Workshop on use and maintenance of electricity generators	Construction machinery training center	S.F.A.	01
03	Seminar on Taxation proposals of the budget-2018	SDFL	Asst. Director (Finance)	01
04	Procurement of IT servicers and green procurement	Distance Learning Centre Ltd.	Snr. S.S.	01
05	Workshop on Right to Information Act	National Institute of Labour Studies	Snr. D.S.G.	01
06	Stores management and purchasing procurements	SDFL	S.S.	02
07	Lecture on Computer Crimes and Admissibility of Digital Evidence	MILODA Academy of Financial Studies	Snr. D.S.G., D.S.G., Legal Officer	03
08	Workshop on preparation of salary conversions.	SDFL	P.M.A.	01
09	An efficient secretary for productive service	Sri Lanka foundation	P.M.A.	04
10	Preparation of project proposals	Sri Lanka foundation	Snr. S.S	02
11	Productively maintaining of a personal file	National Institute of Labour Studies	P.M.A.	03
12	Preparation of salary of state officers	National Institute of Labour Studies	P.M.A.	03
13	Procurement process for assistant staff	National Institute of Labour Studies	P.M.A.	03
14	Annual board of survey and disposal of items which cannot be used	National Institute of Labour Studies	P.M.A.	03
15	Planning of procurement and preparation of bid documents	SDFL	Asst. Director (Finance)	02
16	Role and responsibility of account clerks	SDFL	P.M.A.	03
17	Use of provision in Establishment code and Procedural Rules	SDFL	P.M.A.	02
18	Workshop on total productivity maintenance	National productivity secretariat	Snr. S.S./M.T.O. / P.M.A.	03

19	Workshop on making aware the state officers concerning the provision in Establishment code	Ministry of Public Administration and law and justice	P.M.A.	01
20	Workshop on Procurement Procedure in public sector financial regulations	Sri Lanka Foundation	Asst. Director (Finance)	02
21	Workshop concurrent to the conference of FOSS4G Asia2018-	University of Moratuwa	G.S./M.T.O./ I.T.O.	07
22	Workshop on soft skills for decision makers	SLIDA	Snr. S.S./S.S.	03
23	Workshop on training of trainers	SLIDA	Snr. S.S.	02
24	Workshop on disciplinary procedure	SLIDA	Snr. S.S.	01
25	Workshop on policy paper writing	SLIDA	P.S.G.	01
26	Workshop on human resource management	SLIDA	S.S.	01
27	Course on Offset litho	Sri Lanka Printing institution	L.T.O.	02

Foreign Training and Workshops

FOREIGN SCHOLARSHIPS /WORKSHOPS / TRAININGS /FORUMS - 2018							
No	Mr/ Mrs/ Miss	Name	Designation	Country	Period		Name of Course
					From	To	
1	Mr	S.D.P.J. Dampegama	Addl. S.G. (Field)	India	15.01.2018	19.01.2018	World Geospatial Forum
2	Mr.	D.K.S.P. Jayalath	Govt. Syr	Dehradun-India	16.04.2018	27.04.2018	Geospatial Modeling in Forestry and Ecological for Climate Change
3	Mr.	Y.M.N.T.Y. Bandara	Govt. Syr				
4	Mr	S.M.P.P. Sangakkara	Addl. S.G.	Istanbul-Turkey	06.05.2018	11.05.2018	2018- FIG Congress
5	Mr	P.A.N.De Silva	Addl. S.G.	Beijing -China	2-May-2018	10-May-2018	Construction & Application Of Spatial Data Infrastructure
6	Mr	K. Weeratunga	Snr. S.S.				
7	Mr	U.J. Witharanage	D.S.G.				
8	Mr	P.M.P. Udayakantha	S.G.	San Diego-USA	09.07.2018	13.07.2017	Esri User Conference
9	Mrs	H.N.C. Bandara	S.S.	Japan	19.08.2018	15.12.2018	Planning and Management of National Mapping and surveying

10	Mrs	K.K.B.N. Fernando	Snr. S.S.	China	16.05.2018	19.05.2018	Global Earth Observation System of Systems
11	Mr	K.V.S.P. Kekulawala	Snr. S.S.	Malaysia	19.10.2018	21.10.2018	39th ACRS Conference
12	Mr	K.M.A. Chathuranga	Govt.. Syr.	Japan	28.07.2018	05.08.2018	Global Navigation Satellite System
13	Mr	W.T.M.S.B.. Tennakoon	D.S.G. (L.I.S.)	China	19.11.208	21.11.2018	United Nations World Geospatial Information Congress
14	Mrs	M.V.D. Malwatta	Acct. (NWP)	Kerala -India	30.07.2018	03.08.2018	Indian Public Sector
15	Mr.	S. Kajenthiran	Acct. (EP)				
16	Mr	P.A.S.S. Dharmasena	M.T.O.	Hyderabad-India	24.10.2018	20.11.2018	Design of Educational Application using Web Technology
17	Mr	S.M.P.P. Sangakkara	Addl. S.G.	Korea	12.09.2018	14.09.2018	Smart Geospatial Expo-2018
18	Mr.	S.D.P.J. Dampegama	Addl. S.G.	China	27.08.2018	05.09.2018	State Land Management under belt & Road
19	Mr.	A.R. Nizerkhan	Govt. Syr.	China	25.09.2018	15.10.2018	Construction & Management of Industrial Park for Sri Lanka
20	Mrs	R.M.G.E.K. Gokarella	Auditer/ Acct.	India	09.09.2018	15.09.2018	Capacity Building Training Program
21	Mr	P.M.P. Udayakantha	S.G.	China	25.09.2018	30.09.2018	Work group meeting of UN experts on Land Administration
22	Mr	P.M.P. Udayakantha	S.G.	America	01.10.2018	05.11.2018	Negotiation Meeting With MCC
23	Mr	W.M.P.B. Wasala	Govt. Syr.	Korea	01.10.2018	12.10.2018	Capacity Building Program for ICT Based Land Management Systems
24	Mr.	W.J.K.A.N. Prabath	Govt. Syr.				
25	Mr.	G.D.P Ariyathilake.	Snr. S.S.				
26	Mrs	A.L.S.C. Perera	D.S.G. (LIS)				
27	Mr	N. Thushyanthan	S.S.	China	09.10.2018	28.10.2018	National Aerospace Remote Sensing Mapping & spatial Information
28	Mr	S.M.S.J. Samarasinghe	Snr. S.S.	China	28.10.2018	17.11.2018	Aerospace Remote Sensing Surveying & Mapping Technology

3.5 Information Technology

Information Technology was used continuously for obtaining land information through the internet to the public and for providing of public friendly service, as an assistant service to the administrative work for human resources management, storing of data, obtaining of information quickly and systematically and developed communication systems such as internet connection and electronic mail have been used for this purpose.

Raising the reputation of the department in the island and marking a significant turning point in the journey forwards using information technology of the department, Investor's guide for reserves data base prepared by the information technology branch in 2017, for the purpose of obtaining of land information that support for encourage of investors who contribute for the local economic development, was won the merit award in the competition of e-Swabimani held by Information and Communication Technology Agency (ICTA), to make digital innovators of the nation win and to give them recognition.



Information in connection with data bases and software prepared by the Information Technology Branch in 2018 is as follows :

1. Tenement List Data Management System (TL-DMS)

Centralized Tenement List Data Management System which was a major requirement of the department has been created and it can be used through the departmental website.

Officers assigned to the divisional survey offices Homagama, Ratnapura and Elapatha, used this data system as a preliminary project and on the success of this data system, all the field staff of the department have made aware for preparation of all the tenement lists by this data system from the date of 01.01.2019.

The following facilities have been provided through this data

- Possibility of use of this data system to the government surveyors as online and offline.
- Being limited the data that should be entered, since the possibility of selection of large amount of data that should be entered from the data system,
- Possibility of obtaining of several reports after entering data once. (e.g. Acquisition tenement list, Supplementary tenement list)
- Possibility of sending of revision lists of superintendent of surveys and Senior Superintendent of Surveys to the government surveyors through the data system
- Facility of monitoring the progress of preparation of land information to the top management and all the administrative officers
- Obtaining of reports about all the passed tenement lists, possibility of searching as state lands, lands surveyed for issuing of grants

2. Illustration of Survey requisitions and progress under the land development ordinance

Land Grant Survey info in departmental website has provided the possibility to be aware of survey requisitions received for issue of grants under the land development ordinance and the progress of them easily to the relevant institutions and public by illustrating of them with tables and charts according to the district, divisional secretariat, Grama Niladhari division.

Information about allotments completed since year 2016 and information about issuing of diagrams, detail information about completed allotments (grants, extra crops, illegal acquisitions; Jayaboomi etc.) also can be obtained. Similarly, information about survey requisitions that have not been completed and the present situation of them can be obtained through this.

3. Information System for Reservation of Circuit Bungalows.

Data system has been created for the purpose of reservation of circuit bungalows for officers who serve in the department and action has been taken to use the system by internet through the departmental website in 2019.

By this

- How the bungalows have already been reserved, if other officers have applied, details of them , can be obtained
- Circuit bungalow keepers can obtain information about the applicants who has reserved circuit bungalows
- Possibility of obtaining of information that required for granting of priority in reservation of circuit bungalows, to the administration. (e.g.:- How an officer has reserved circuit bungalows, frequency etc.)

4. Modernizing of the departmental website

Modernizing the departmental website (<http://www.survey.gov.lk>) in this year, several new features have been added so as to receive clear understanding and knowledge on survey department to the public in new facet and website is updated by the staff of the Information Technology Branch.



5. S.G.O. Services

Action has been taken to provide the following services by using the computer network of the Surveyor General's Office.

- Obtaining of attendance reports
- Facility of follow-up of letters received to the department
- Sharing of data within the computer network system
- Storing of data in Geographical Information System
- Storing of data - Land Information System and Air Survey branch

6. Making of methodology of storing of digital data in Surveyor General's Office

Facilities for storing digital data, prepared by Air Survey, Remote Sensing, Mapping and Land Information Systems branches in Surveyor General's Office securely in a main data base (NAS) in the computer network have been provided.

7. Land Searcher

Plan searcher data System has been prepared by using of plan and geographical data that currently prepared in the department. There is a possibility of identifying of information of plans available in a certain place, forest reservations, sanctuaries, reservoirs through this system.

8. Establishment of office management data system

An office management system for North Central Provincial Surveyor General's Office, district survey offices, Polonnaruwa and Galle has been established and the following facilities can be obtained through this system.

1. Possibility of entering and follow up the information about letters received to the office
2. Management of perishable goods and services.

9. Establishment of the follow up data system on letters received for the departmental services and survey services branches in the Surveyor General's Office

A data system has been created to follow up the letters receive to the departmental services and survey services branches, after sending to the relevant officer in charge of the subject and it can be used by an office computer network system.

10. Introducing of methodologies of collecting of data to obtain information required for administrative and resources management affairs

Producing forms which can be used through the internet, the below mentioned information has been collected by them.

- Information about perishable items that required for offices for the year 2019.
- Information about plastic chairs used in offices.
- Information of the officers who belong to combined service and serve in the department.

11. Contact Detail Map

The locations of Provincial Surveyor General's offices, district survey offices and divisional survey offices are represented in a Ceylon map and the telephone numbers which can be contacted with their addresses can be obtained to the public through this system.

12. Conducting of training programs

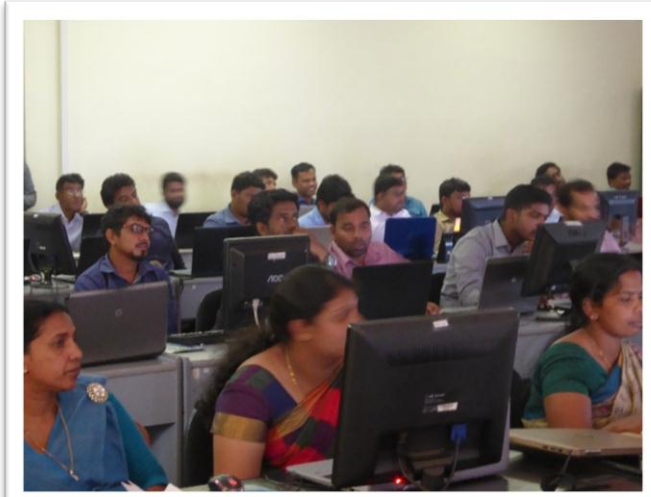
1. 07 Training workshops on installation of computer software, hardware settings and issues arisen in use of computers were conducted for the officers representing Provincial Surveyor General's offices and district survey offices and 45 officers representing North Central, Central, Southern, Uva, Western, Sabaragamuwa and North Western provinces participated for them.
2. Conducting of workshops on Human Resources Management system (HuRIMS) and installation of new Anti-Virus Software (E set)

3. 24 Programs have been conducted as follows for making aware of field officers on new tenement list data system.

Date	District	Place, workshop conducted
2018-10-29	Puttlam	Puttlam
2018-10-30	Anuradhapura	Anuradhapura
2018-10-31	Polonnaruwa	Polonnaruwa
2018-11-07	Kegalle	Kegalle
2018-11-08	Kandy	Kandy
2018-11-09	Gampaha	Gampaha
2018-11-13	Colombo	Surveyor General's Office
2018-11-14	Kalutara	
2018-11-27	Jaffna	Jaffna
	Kilinochchi	
	Mullaittivu	
2018-11-28	Mannar	Vavuniya
	Vavuniya	
2018-12-05	Kurunegala	Kurunegala
	Matale	
2018-12-10	Galle	Galle
2018-12-11	Matara	Matara
2018-12-12	Hamabantota	Hambantota
2018-12-18	Nuwara Eliya	Institute of Surveying and Mapping
	Ampara	
	Trincomalee	
2018-12-19	Ratnapura	
2018-12-20	Badulla	
	Monaragala	
2018-12-21	Batticaloa	Batticaloa



Training program on computer hardware settings



Workshop of making aware of field officers on New Tenement List Data system

In addition to this, below mentioned services have been provided by the Information Technology Branch.

- Providing of consultancy services that required for correction of computer errors in computers and computer accessories in the head office.
- Update of Human Resources Management Data System and maintaining and developing of the other data systems prepared by the Information Technology Branch.
- Maintaining of daily attendance marking system in the head office.
- Maintaining of the information data system on departmental circulars, departmental telephones and electronic mail address directory.

Productivity promotion

Competitions were organized to promote the activities of productivity quality circles and competitions for designing of greeting card of Survey Department and designing of Cover page of Performance report 2017, were held between the productivity quality circles and certificates were awarded for winning circles.

Survey Department, North Western Provincial Surveyor General's Office and District Survey Office - Anuradhapura participated to the National productivity award competition held by the National Productivity Secretariat for the year 2018 and a special merit award was won by the survey department and North Western Provincial Surveyor General's office and District Survey Office-Anuradhapura won the third place.



Prize giving for the winners of competitions of designing of greeting card for the year 2018 and Designing of cover page for the performance report year 2017.

3.6 Issuance of certificates / license

3.6.1 For issuance of Surveyor General's Certificate as authorized draughtsman, the examination has been conducted in this year and results have not been released up to now.

3.6.2 Twenty three (23) accreditation certificates have been issued in this year.

3.6.3 Licenses have been issued for 957 licensed surveyors by the Land Survey Council under the Survey Act No. 17 of 2002.

3.7 Legal Branch

Handling of legal affairs relating to the Survey Department is carried out by this branch. When filing cases in district court/high court/appeal court and supreme court by the department and when cases are filed against the department, providing support to the attorney general is a main activity, carried out by this branch. Similarly, providing solutions for legal issues faced by the departmental officers in duties, appearing for Surveyor General in inquiries conducted against the department by the Human Rights Commission are carried out by this division.

Cases pending in court

Court	Existing number as at 01/01/2018	Number received in 2018	Number of completed in 2018	Further remaining number as at 31/12/2018
Supreme court	10	07	06	11
Appeal court	28	06	08	26
High court	01	02	-	03
District court	21	03	03	21

Files which preliminary actions are carried out

Existing number as at 01/01/2018	Number received in 2018	Completed number in the year 2018 (referring for money recover or written off)	Files submitted to the attorney general in 2018	Further remaining number as at 31/12/2018
25	18	10	01	32

Files submitted to the Attorney General for legal action

Files submitted as at 01/01/2018	Files submitted in the year 2018	Number completed in 2018 on attorney general instructions	Number of files continuing relevant for taking legal action as at 31/12/2018
25	01	10	16

Files submitted to the Human Rights Commission

Existing number as at 01/01/2018	Number received in 2018	Number completed in 2018	Further existing number as at 31/12/2018
09	02	02	09

4.0 Financial Management

Department account system is consisted of 35 paying offices, i.e. Head Office, 09 Provincial Surveyor General's offices, 24 District Survey Offices and Institute of Surveying and Mapping, Diyatalawa. Action has been taken to use financial provision granted from annual estimates for year 2018 productively in terms of government fiscal policy. Since the provision allocated for different types of expenditure subjects, have not been exceeded in expenditure, the department was capable of maintaining of satisfactory financial management.

Further, the department maintained a proper coordination in connection with provision and expenditure provided by the ministry relevant to the Bim Saviya Program. Similarly, departmental revenue collection activities in year 2018 have been satisfactorily done.

The financial affairs of the Department during the year under review have been indicated as follows.

4.1 Expenditure Estimate

	Previous Year (2017)			Per cent age of Exp endi ture	Current Year (2018)			Percent age of Expendi ture
	Allocations	Expenditure	Balance		Allocations	Expenditure	Balance	
Program 1								
Project 1								
Personal Emolument	158,355,000	153,133,375	5,221,625	97%	165,900,000	154,135,835	11,764,165	93%
Other Recurrent	79,413,000	73,962,991	5,450,009	93%	86,620,000	82,745,876	3,874,124	95%
Capital-								
2001	16,000,000	7,003,547	8,996,453	44%	15,000,000	14,717,358	282,642	98%
2002	3,000,000	1,051,599	1,948,401	35%	840,000	580,752	259,248	69%
2003	2,750,000	714,266	2,035,734	26%	2,050,000	1,045,827	1,004,172	51%
2102	1,500,000	1,209,058	290,942	81%	1,500,000	1,456,293	43,707	97%
2103	4,000,000	3,988,200	11,800	100 %	4,000,000	3,869,374	130,626	97%
2104	25,000,000	18,031,533	6,968,447	72%	162,000,000	44,290,702	117,709,298	27%
2401	400,000	387,558	12,442	97%	400,000	384,690	15,310	96%
Program 2								
Project 2								
Personal Emolument	3,074,885,000	2,803,253,686	271,631,314	91%	2,938,911,000	2,805,041,092	133,869,908	95%
Other Recurrent	250,350,000	244,127,717	6,222,283	98%	374,598,000	342,013,082	32,584,918	91%
Capital -								
2001	22,000,000	21,852,266	147,734	99%	25,000,000	24,369,005	630,995	97%
2002	15,000,000	10,827,769	4,172,231	72%	15,000,000	12,418,594	2,581,406	83%
2003	17,000,000	16,920,184	79,816	100 %	17,000,000	16,735,709	264,291	98%
2102	5,000,000	4,991,598	8,402	100 %	4,000,000	3,981,816	18,183	100%
2103	100,000,000	41,382,739	58,617,261	41%	100,000,000	81,196,853	18,803,147	81%
2401	800,000	636,331	163,669	80%	800,000	744,798	55,502	93%
2501	5,000,000	3,129,865	1,870,135	63%	20,000,000	16,738,850	3,261,150	84%

Program 2								
Project 3								
Personal Emolument	120,771,000	93,490,697	27,280,303	77%	93,725,000	87,049,989	6,675,011	93%
Other Recurrent	11,490,000	9,763,607	1,726,393	85%	13,511,000	12,556,809	954,191	92%
Capital -								
2001	1,400,000	1,391,557	8,443	99%	1,400,000	1,366,666	33,334	98%
2002	800,000	799,977	23	100 %	800,000	544,594	255,406	68%
2003	1,400,000	1,338,074	61,926	96%	1,400,000	613,479	786,521	44%
2102	400,000	317,540	82,460	79%	78,000	56,900	21,100	73%
2103	400,000	377,833	22,167	94%	500,000	452,900	47,100	91%
2401	550,000	513,458	36,542	93%	550,000	456,825	93,174	83%
Total	3,917,664,000	3,514,597,045	403,066,955	90%	4,045,583,000	3,709,564,668	336,018,329.00	92%

4.2 Government officers' Advance 'B' Account

<i>Limits</i>	<i>Previous Year 2017</i>		<i>Current Year 2018</i>	
	<i>Estimate</i>	<i>Actual</i>	<i>Estimate</i>	<i>Actual</i>
Maximum Limit of the Expenditure	166,000,000	174,166,258	150,000,000	157,604,795
Minimum Credit Limit	110,000,000	132,917,137	121,000,000	158,948,293
Maximum Debit Limit	400,000,000	375,507,382	400,000,000	374,163,884

	Year 2017	Year 2018
Cash Debit	163,324,846	132,804,478
Other Departmental Debit	10,841,411	24,800,317
Cash Credit	121,518,120	132,741,861
Other Departmental Credit	11,399,018	26,206,431

4.3 Revenue Account

	<i>Previous Year - 2017</i>	<i>Current Year - 2018</i>
Estimate	340,000,000	350,000,000
Revenue of the year	437,934,356	433,054,889
Difference (+/-)	97,934,356	83,054,889

4.4 Physical Resource Management

The Head Office of the Survey Department, Institute of Surveying and Mapping at Diyatalawa, 09 Provincial Surveyor Generals' Offices, 24 District Survey Offices are available as the physical resources of the Department and 44 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 2018 are as follows.

<i>No.</i>	<i>Province</i>	<i>Description</i>	<i>Cost</i>
1	Western Province	Repair of pre-fab huts at D.S.O. Mathugama	75000.00
2		Repair of pre-fab huts at D.S.O. Pelawaththa	78,210.00
3		Repair of photocopy machine at district survey office - Kaluthara	55,856.70
4		Repair of photocopy machine at divisional survey office - Kaluthara	55,856.70
5		Repair of photocopy machine at divisional survey office - Pelawaththa	73234.00
6		Use of Drum unit for the IR2520 photocopy machine at district survey office - Colombo	64,235.21
7		Purchasing of 2 Damro office work stations for D.S.O. - Gampaha	364,831.25
8		Inside partitioning at D.S.O.- Gampaha	158,000.00
9		Building of garage in size of 32'x 11' at premises of D.S.O. - Gampaha	140,000.00
10		Building of garage in size of 15'x10' at premises of district survey office - Gampaha	76,500.00
11	Sabaragamuwa Province	Removing 2 windows in accounts branch at P.S.G. office and fixing 2 new windows	125,275.00
12		Laying of interlocks for the courtyard of the P.S.G. office premises	302,500.00
13		Building of garage for district survey office- Kegalle	50,000.00
14		Building of public toilet system for D.S.O. - Elapatha and D.S.O. - Ratnapura	746,000.00
15		Making 3 racks for storing of documents in the record room at district survey office - Ratnapura	194,990.00
16	North Central Province	Building of new kitchen for the restroom	418,485.00
17		Making of pantry cupboards for the kitchen in restroom	77,500.00
18		Modernizing of restroom	581,987.86
19		Partitioning of the modernized restroom	525,280.00
20		Fixing of aluminium doors to the modernized restroom	142,000.00
21		Building of a new garage in Provincial office	94,000.00
22		Applying concrete to the old garage in the provincial office	97,500.00
23		Repair of record room III.	85,500.00
24		Laying of tiles for the record room III and the official room of A.D. (Finance).	158,120.00
25		Fixing of aluminum racks for Record room III	72,600.00
26		Applying concrete for the floor of the Discussion room in provincial office	55,000.00
27		Ground preparation in provincial office	218,000.00
28		Repair and Painting of quarters of Snr.S.S.	84,062.75
29		Fixing of doorposts, and doors& windows for 36,37,38 pre fab camps	250,420.00
30		Painting of 36,38 pre fab camps and polishing of doors & windows	64,025.00

No.	Province	Description	Cost
31	North Central Province	The place at which the sheets are fixed to the floor at No.36 pre fab camp, was built with engineering bricks and plastering with whitewash.	72,470.00
32		Fixing of hanging ceiling in No.36 pre fab camp	114,480.00
33		Fixing of hanging ceiling in No.37 pre fab camp	81,000.00
34		Fixing of hanging ceiling in No.38 pre fab camp	81,000.00
35		Applying concrete to the garage of Div. S.O.- Thambuttegama	105,960.00
36		Tiling of corridor and computer room in D.S.O.- Polonnaruwa	210,243.00
37		Repair of No.94 pre fab camp	315,810.00
38		Repair of No.91 pre fab camp	51,180.00
39	Northern Province	Repair of roof of No.94 pre fab hut in northern provincial office	348,537.00
40		Repair of roof of computer room in D.S.O Vavuniya	100,000.00.
41		Building of motor bicycle garage for D.S.O Vavuniya	258,520.00
42		Repair and wiring of pre fab hut of D.S.O Vavuniya	290,420.00
43		Erection of right side wall in D.S.O Kilinochchi	574,825.00
44		Repair of Building in D.S.O Kilinochchi	80,290.00
45		Repair of pre fab hut in D.S.O Kilinochchi	62,710.00
46		Building of circuit room in D.S.O Kilinochchi	318,934.00
47		Repair of roof of pre fab hut in D.S.O. Mulativu	109,800.00
48		Repair of roof of pre fab hut in D.S.O. Mankulam	198,784.00
49		Making of cubicles in D.S.O. Mullaitivu	128,840.00
50		Repair of wash rooms in D.S.O.	383,295.00
51		Filling of soil in district office, Mulativu	99,000.00
52		Making of a canopy for the pre-fab cabin at D.S.O., Mankulam	81,425.00
53		Repair of buildings in Div. S.O. Jaffna	202,485.00
54	North Western Province	Building of a garage for geodetic branch	375639.16
55		Repair and painting of a part of the boundary wall of Divisional Survey Office, Wariyapola	136910.00
56		Repair of bathroom in quarters of the technical and administrative officer of district Survey office, Puttalam.	166086.20
57		Construction of side wall around the district survey office, Puttalam	93515.81
58		Building of a garage at D.S.O., Puttalam	73500.00
59		New construction of part of boundary wall of D.S.O., Anamaduwa	778720.41
60		Purchasing and fixing of ceiling fans for D.S.O., Anamaduwa	51000.00
61		Fixing of iron gate for D.S.O., Anamaduwa	151778.37
62	Central Province	Painting in Central provincial office	50000.00
63		Building of new garage for district survey office, Kandy	92000.00
64		Building of outdoor toilet system for district survey office, Matale	97,745.00
65		Tiling of the floor of room of Superintendent of Survey and Computer room of district survey office, Matale.	82,996.63
66		Preparation of record room at district survey office, Matale	69,995.00
67		Building of new lavatory system, drainage system at D.S.O., Kothmale	208,652.60
68		Construction of fence around the D.S.O., Kothmale	135,000.00
69		Concreting of 30 meters of access road of D.S.O., Kothmale	195,000.00
70		Repair of lavatory system at district survey office, Nuwara-Eliya	67,840.00

No.	Province	Description	Cost
71	Southern Province	Repairs of circuit bungalows, Katharagama.	2,659,000.00
72		Remaking of electrical circuits at Provincial Surveyor General's office	2,670,000.00
73		Removing of the tiles in bathroom of the old building at circuit bungalow-Katharagama and carrying out of full repair using all the new accessories.	133,000.00
74		Purchasing of new curtains for the Southern Provincial Surveyor General's office	120,690.00
75		Purchasing of items required for divisional survey office, Baddegama in Galle district.	87,100.00
76		Construction of a compartment for Superintendent of Survey (Headquarters) at district survey office, Galle	197,800.00
77		Concreting the floor of the garage at district survey office, Matara	154,080.00
78		Fixing of 04 C.C.T.V. cameras at district survey office, Matara	68,600.00
79		Partitioning of interior of the district survey office, Matara using aluminium bars for safeguard of the documents	54,500.00
80		Repairs of new geodetic office and record room, built in the building of D.S.O., Matara.	75,500.00
81		Repair of female toilet (with bathroom) at district survey office, Hambantota.	259,000.00
82		Repair of male toilet (with bathroom) at district survey office, Hambantota	245,000.00
83		Making of computer table and purchasing of materials and instruments required for that purpose in district survey office-Hambantota	72,445.00
84		Modernization of power system at district survey office-Hambantota and purchasing of materials and instruments required for that purpose and paying of labour charges	52,582.00
85	Eastern Province	Tiling of a part of Eastern Provincial S.G's office.	423,988.50
86		Repairs of district survey office, Batticaloa.	1,447,759.75
87		Construction of a new building at D.S.O., Kanthale	1063,745.61
88		Repairs of book racks at district survey office, Trincomalee	51,800.00
89		Construction of rear wall at district survey office, Ampara	420,310.00
90		Construction of guardroom at district survey office, Ampara	193,000.00
91		Repair of garage at district survey office, Ampara	125,865.00
92	Uva Province	Repair of quarters of senior S.S. (Uva Province).	121,245.00
93		Construction of wire fence at eastern P.S.G. office premises and Western boarder of quarters premises	204,440.00
94		Purchasing of 02 sets of commodes for repairs of toilets at P.S.G's office	53,210.00
95		Repair of buildings at D.S.O., Bibila	134,197.00
96		Repair of sheet house at D.S.O., Bibila	139,600.00
97		Repair of quarters of T.A.O. at Monaragala	319,458.00
98		Repair of quarters of Snr. S.S. (Monaragala)	112,709.54
99		Repair of district survey office (Monaragala)	75,185.00
100		Repair of 445/12 quarters belongs to the district survey office (Monaragala)	70,730.00
101		Repair of quarters of Snr.S.S. (Badulla), construction of the fence, fixing of gates	296,956.50
102		Repair and painting of No.41 quarters	142,437.00
103		Construction of a new lavatory system for D.S.O. (Bandarawela)	574,756.97

No.	Province	Description	Cost
104	Surveyor General's Office Colombo	Concreting of the floor of the motor cycle garage	289,974.12
105		Weaving of chairs	62,150.00
106		Partitioning of salary branch	215,000.00
107		Paying of advisory service charges (Building department)	6,758,829.10
108		Construction of D.S.O., Badulla	11,374,047.50
109		Construction of D.S.O., Medawachchiya	18,200,000.00
110		Construction of D.S.O., Giritale	5,241,002.86
111		Construction of quarters relevant to divisional office Girithale	5,853,314.92
112		Construction at D.S.O., Embilipitiya	7,578,848.45
113		Construction of D.S.O., Madampe	16,500,000.00
114		Construction of intermediate camp, Karachchannadu	10,543,394.11
115	Institute of Surveying and Mapping Diyathalawa	Repair of CB-01 bathroom	297497.50
116		Repair of CB-01 bathroom	373056.32
117		First step of repair of CB-02 access road	335498.00
118		Repair of drainage system	285440.00
119		Purchasing of furniture required for circuit bungalow	150018.00
120		Making of CB-02 access road and garbage pit	62073.50
121		Second step of repair of CB-02 access road	597399.00
122		Service and repair of Sokkia SDLI X Digital Level instrument	980694.91
123		Purchasing of water purifiers	103305.00
124		Purchasing of 20KVA AIS generator	1300000.00
125		Purchasing of materials required for construction of security wall around the preliminary bench marks	94320.00
126		Purchasing of paints	365505.27
127		Purchasing of sand and metal	87000.00
128		Purchasing of electrical accessories	100425.00
129		Purchasing of water pump accessories	196650.00
130		Purchasing of tin sheet for repair of gal huts	69700.00
131		Purchasing of goods required for repair of gal huts	220810.00
132		Purchasing of goods for electrical and water pump requirements	54775.00
133		Purchasing of goods for electrical and water pump requirements	218925.00
134		Service of Cannon IR 2520 Photocopy machines	54500.00
135		Repair of intercom telephone system	195255.00
136		Repair of CCTV camera system	127400.00
137		Purchasing of Computer tables	56900.00
138		Purchasing of grass cutting machines and electrical drills	74700.00
139		Purchasing of laptop	348000.00
140		Purchasing of books for the technical library	80169.00

4.4.2 Instrument and Building Branch

93 divisional survey offices are maintained by the survey department and 44 out of them are being maintained in buildings owned by the department. Buildings relevant to another 5 new divisional survey offices relevant to the year 2018 are being constructed by now. Those are Badulla, Medawachchiya, Girithale & Madampe. Constructions of these buildings are expected to complete in year 2019.

Instrument & building branch was able to add 34 digital level instruments anew to the field in year 2018.

Nikon & Topcon type instruments which were in less working condition, because of long term use, removed from the field and were auctioned. Out of Rs.1.6 million allocated to the branch for services/ repairs of total stations & purchasing of necessary equipment's, total operating cost was 1.42 million.

Damaged accessories in the field and accessories that have been sent for repairs were able to repair by using of parts obtained from the condemned instruments.

Removing & fixing of prefab camps at Anuradhapura, Medawachchi, Mannarama, Mullaivu, Kebithigollewa & S.G. office were carried out.

A Type 3,340 bolts & C type 6,360 bolts required for survey control points were produced.

317 new identity cards were issued for the departmental staff & fulfilling the requirements of outsiders, (numbering of instruments corrections of total station) Rs.90, 800.00 of revenue has been earned.

The shortage of instrumental technicians in 2018 also, as well as in previous years, was caused to reduce the efficiency of the services of instruments.

4.4.3 Maintenance of Vehicles and Machinery & Equipment

Repairs of **138 vehicles**, costing over Rs. 50,000.00 have been carried out as follows.

<i>Province/ Section</i>	<i>No. of vehicles maintained</i>	<i>Total cost (Rupees)</i>
Surveyor General's Office	06	677,268.37
Western Province	15	3,023,444.30
Central Province	21	1,835,148.65
Sabaragamuwa Province	11	1,676,236.15
North Central Province	11	2,257,448.68
North -Western Province	14	1,293,526.33
Uva Province	09	935,364.31
Southern Province	20	3,844,856.25
Northern Province	03	209,410.00
Eastern Province	23	6,484,943.66
I.S.M. Diyatalawa	05	491,361.62
Total	138	19,413,018.27

4.4.4 Procurement and Supply Branch

The Main role of the procurement and supply branch is, following the procurement procedure, obtaining of departmental annual good & services requirement, and distribution, proper updating and maintaining of all the stores ledgers, providing of clearances supervising the annual board of survey.

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 871 ledgers maintained by the surveyor's scattered all over the country, have been completed.

Out of them, perfect certificates have been given for 644 government surveyors, all the provincial surveyor general's offices, all the district survey offices, 85 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 and the files have been settled.

Permanent clearances for 28 retired and resigned officers and temporary clearances for 13 government surveyors who got promotions, have been issued.

Over Rs. 62.5 million capital purchases, over Rs. 8.6 million recurrent purchasing, over Rs.1.4 million capital purchasing for the Bim Saviya project and approximately Rs. 1.5 million recurrent purchasing, approximately Rs.0.1 million capital purchases for the United Nation's Human Settlements program have been made in the year 2018.

Movable property list for the year 2018 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	58	-	-	08	-	50
5	Double Cab	165	-	-	04	-	161
6	Vans	36	-	-	-	-	36
7	Three Wheelers	01	-	-	-	-	01
8	Tractors	05	-	-	-	-	05
9	Browsers	04	-	-	-	-	04
10	Push Bicycles	19	-	-	-	-	19
11	Duplicator Machines	26	-	-	05	-	21
12	Photo Copiers	226	02	12	09	-	231
13	Computers CPU	1093	02	42	60	-	1077
14	Computer Monitors		02	65	83	-	
15	Computer Printers	535	02	34	97	-	474
16	Laptop Computers	452	-	216	01	-	667
17	Fax Machines	135	-	21	04	-	152
18	Type Writers (Manual)	56	-	-	13	-	43
19	Safes	51	-	-	-	-	51
20	Camera (Process & Aerial)	02	-	-	-	-	02
21	Litho Printing Machines	15	-	-	-	-	15
22	Television Sets	16	-	05	-	-	21
23	Refrigerators	17	-	-	-	-	17
24	Guillotines	3	-	-	-	-	3
25	Photogrammetric Plotters	10	-	-	-	-	10
26	Total Stations Survey Instruments	355	-	-	-	-	355
27	Theodolite Survey Instruments	650	-	-	-	-	650
28	Programmable Calculators	592	-	-	-	-	592
29	Large Scanners	60	-	-	02	-	58
30	Photogrammetric Plotters (Digital)	02	-	-	-	-	02
31	Steel Tapes	980	-	20	-	-	1000
32	Computer Server	02	-	-	02	-	0
33	Multi Media System	01	-	-	-	-	01
34	Multi Media Projector	48	-	-	-	-	48
35	Digital Levels	17	-	34	-	-	51
36	60" solvent Printers	01	-	-	-	-	01
37	Digital Photogrammetric Workstation	02	-	-	-	-	02
38	Unman Aerial Vehicle (UAV)	01	-	-	-	-	01

39	A zero Plotter	2	-	02	-	-	04
40	Handheld GPS	339	-	-	-	-	339
41	GNSS Receivers	74	-	-	-	-	74
42	A3 color Photocopier	1	-	-	-	-	1
43	High Capacity Storage devices	14	-	07	-	-	21
44	Linen Tape	-	-	26	-	-	26
45	Singer colour printing Machine	-	-	01	-	-	01
46	Pc (Thin client)	-	-	19	-	-	19
47	Tab	-	-	20	-	-	20
48	Room Heater	-	-	02	-	-	02
49	Washing Machine	-	-	01	-	-	01
50	Hot& Cold Dispenser	-	-	06	-	-	06

Immovable Assets

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

Internal Audit Branch.

Since the head of the department should be assured that a financial control and effective internal control system of the institution is being developed, providing assistant to continue the work of the institution, reviewing about effectiveness of work in the institution from time to time is carried out by the Internal Audit Branch.

Financial planning, internal control, maintaining of books and accounts properly, assuring that financial management is being continued properly and maintaining of continuous survey and independent evaluation about formality and adequacy of the internal inspection used for prevention and reveal of errors and frauds of said activities, making reviews on efficiency and productivity of the department from time to time are carried out by the Internal Audit Branch.

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 2018, according to the guidance of the Director General of the 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 and management auditing circular No DMA/2009(1) dated 09.06.2009 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, 11 reports relevant to the head office, 01 report relevant to the Institute of Surveying and Mapping, 05 reports relevant to Provincial Surveyor General's Offices, 09 reports relevant to district survey officers, were completed successfully in the year 2018. 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, strict financial discipline in the department and development in the institutional management have been observed.

5.0 Development Activities

132% of progress of the target planned in the year 2018 has been achieved.

5.1 Land Survey progress up to 31-01-2018

Type of survey	Physical Performance								
	Annual target		Cumulative target		Cumulative progress			Progress achieved	
	Survey Months	Lots	Survey Months	Lots	Survey Months	Lots	Survey requisition	Survey Months	Lots
Land Marking Surveys	3698	94193 (73920 Allotments)	3413	83788 (56305 Allotments)	4536	111067 (68596 Allotments)	4227	123	118
Miscellaneous Surveys	990	25,500	985	25316	1293	34178	2277	131	134
Land Acquisition Surveys	775	20,040	834	21119	1092	29809	975	141	149
Engineering Surveys	150		130		648		156	432	
Setting out of control points for mapping	163		219		220		284	135	
Court Commission Surveys	476	9267	562	10312	557	10899	659	117	118
Cadastral Surveys	1200	36000	1204	40555	1548	44768	877	129	124
Setting out of Global Positioning points	333	9990 pt	347	10412 pt	400	12013pt		120	120
Sub Total	7785	185000	7347	181090	10294	230721	9455	132	125

Special survey activities carried out in the year 2018

Surveys carried out under the Land Development Ordinance

- Surveying of 60,000 of land lots under the program of issue of grants for 1.1 million lands under The Land Development Ordinance.
- Surveys carried out for granting lands for the landless people under the Land Development Ordinance.
- Surveys carried out for settlement of issues arising for the people in Jayaboomi Lands granted without surveys.

Surveys carried out for Road & Railway track Development activities

- Survey work of Ruwanpura highway
- Detail survey and acquisition survey of Central highway
- Acquisition survey of new Kelani bridge
- Surveys of proposed Kandy tunnel road
- Widening of Yakkala-Gampaha road
- Carrying out of surveys for the Rajagiriya-Kelaniya fly over constructed on pillars
- Carrying out of surveys under the third step of outer circle road.
- Surveying of railway track Kurunegala-Habarana
- Survey works of Maradana Dematagoda railway track
- Survey work in Kelaniweli railway track.
- Detail surveys and acquisition surveys from Matara to Hambantota in Southern Highway.
- Surveys in light railway track.

Surveys carried out for Industrial Estates

- Surveys relevant to establishment of industrial and high technology zone Millaniya.
- Special surveys for establishment of industrial zone- Bingiriya

Surveys carried out for Tourism Industry

- Surveys for development of Kalpitiya tourism industries

Engineering Surveys for Development Activities

- Acquisition survey of Yan Oya
- Survey activities of North Western channel
- Engineering survey of canal related to Kaluganga - Moragahakanda
- Ihala Elahera project
- Survey activities of Deduru oya

Surveys carried out for Other Development Projects

- Surveys for Katunayake airport Phase II
- Surveys for Hydroelectric power project-Moragolla
- Acquisition Surveys of both sides of the channel-Kiththampahuwa.
- Topographical surveys in faculty of Bio Technology - Homagama
- Surveying of left and right banks of Kelani river.
- Kithulgala town surveys.
- Carrying out of surveys under the UN-HABITAT project.
- Supervision of Mahaweli Surveys of registered surveys.
- Acquisition surveys of Pahala Malwatu Oya.
- Surveying of land of cement factory of Kankasanturai for a factory.
- Academic pilot project of integration of farm for promoting of modernization and mechanization of agrarian activities.
- Special project survey carried out for special development activities of government.

Surveys carried out Relating to Currently Important Issues

- Surveying of flood affected areas of Kelani river
- Surveying of waste disposal place-Arawakkalu
- Surveying of waste exchange place-Kelaniya
- Checking of stability of the land at the waste disposal place-Meethotamulla
- Mapping of flood areas and field work related to them
- Court surveys carried out on the direction of court for settlement of private land issues.

Surveys carried out for Forests & Other Reservations

- Surveys for acquisition of Sinharaja forest
- Surveying of Lahugala wildlife reservation.
- Identifying of reservoirs in Gin Ganga safe lands.
- Surveying activities in Dediyaigala reservation
- Surveys and plan works of Udawaththa forest according to the gazette.

Collection of data for Map Revision

- Update of sheet 66 (Colombo) in the scale of 1:50,000 by map revision field activities

Surveys carried out for Other Organizations

- Survey work of Ceylon Electricity Board
- Surveys for Ministry of Plantation Industries
- Preparation of Sri Lanka school data base.
- Calibration of JIG devise owned by the Sri Lanka Air force
- Calibration of Master Landing Compass and Master Medium Landing Compass devices Owned by the Sri Lanka Air Force.
- Madu church Project.

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

District	Number of Diagrams Issued	
	2017	2018
Kandy	365	661
Matale	908	821
NuwaraEliya	409	125
Anuradhapura	5039	7611
Polonnaruwa	1516	2273
Vavuniya	56	406
Jaffna	69	816
Kilinochchi	1256	1122
Mullativu	182	1015
Mannar	0	217
Batticaloa	2469	1656
Trincomalee	2125	2905
Kurunegala	1927	3038
Puttalam	729	1201
Ratnapura	1339	1148
Kegalla	161	235
Galle	2162	1976
Matara	304	516
Hambantota	606	1486
Badulla	285	216
Monaragala	856	983
Ampara	4334	5847

District	Number of Diagrams Issued	
	2017	2018
Colombo	0	0
Gampaha	146	409
Kalutara	428	125
Total	25517	36808

5.1.1 Special Survey and Quality Control branch

The Special Survey and Quality Control branch is maintained as a branch of the head office under the Additional Surveyor General (Field). This branch is consisted of senior superintendent of surveys, ten surveyors and two map technological officers. Fulfilling special development projects and urgent survey requirements, providing quality geo information efficiently required for government and non-government institutions, this branch established in head office, pioneer contribution is made for the national development program.

Role

Fulfilling the special development projects and urgent survey requirements efficiently using the new technological methodologies, in crisis issues concerning the geo information presented to the Additional Surveyor General (Field), making the prescribed quality controls, providing of quality geo information to relevant branches, fulfilling the surveying and mapping activities efficiently that required for providing of relieves to the public in emergency disasters that affected the island, providing of pioneer distribution for the national development program for department.

Performance

1. Special survey activities which cannot be fulfilled by other branches in the department, such as calibration for Master Landing compass calibration, Medium Landing compass and Jig Calibration have been carried out using the new technological methodologies
2. Super positioning the boundaries mentioned in reservation of Udawaththa Forest and Plan S.G. No. PP06254, preparation of map
3. Carrying out of special surveys along the Kelani river bank for control of flood in Colombo and suburbs under the project of reducing of climate bad effects.
4. Carrying out of preliminary survey activities required for widening and development of Kelaniweli railway track as a double track which is due to initiate under the program of national development (railway track 32.8km and leveling 75km).
5. Carrying out of town surveys required for development of Kithulgala town named as high tourism zone.
6. Map revision has been carried out for the map sheet No. 66 Colombo district in the scale of 1:50,000 which was newly issued.
7. Survey activities of newly constructed Kaluganga scheme have been carried out.
8. Action has been taken to provide correct geo information, spatial data and reports that required for relevant security and legal sections for taking decisions, concerning drug raids, illegal migrations, violation of frontier.
9. Survey activities required for providing of grants in divisional secretariat - Elpitiya have been carried out.
10. Carrying out of surveys in areas belong to Department of archaeology, Mulativu, Nayar.
11. Taking action to carry out quality test on survey instruments produced to this branch.

12. Preparation of school data system for the Ministry of Education so as to cover all island.
13. Converting the plans in Colombo district relevant to National parcel fabric, to digital data and handing over them to the Colombo district survey office.
14. In natural disasters such as urgent flood, Land-slides, affected to the island, carrying out of surveying and mapping required to provide relieves to the public, providing of geo information to the relevant public sectors and public.

5.1.2 Geodetic Survey Branch

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

Task	I.S.M.	N.W.P	S.P.	C.P.	N.P.	S.G.O.	Total
Setting out of GPS control points	1281	1228	541	614	357	250	4271
Number of equivalent GPS control points for other surveys	20	182	09	248	09	49	517
Total number of Control points completed.	1301	1410	550	862	366	299	4788
Equivalent survey months for the control points completed	43.37	47	18.33	28.8	12.20	10	159.7
Total survey months completed in the year 2018	104	62.20	40.90	77.60	47.80	53.35	385.85
Progress of the year 2018	122	104	120	108	100	112	115

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

Special Surveys carried out by UAV during the year

Serial No.	Task
1	Kurunegala Habarana Railway track extension project
2	Surveying of Katunayaka Bandaranayaka International Airport
3	Surveying of CMC project

Special Survey activities carried out during the year (SGO)

<i>Serial No.</i>	<i>Task</i>
1.	Detail Surveying for Katunayaka Bandaranayaka International Airport and preparation of topographical maps.
2.	carrying out of extra surveys relevant to the Kurunegala –Habarana railway track extension project
3.	Preparation of the Orthomap required for CMC project
4.	Detailed surveys for Borella cemetery development project and preparation of topographical maps
5.	Preparation of maps for Balapitiya Ambalangoda Ginthota coastal conservation survey project.
6.	Setting out of control points for light railway track project.
7.	carrying out of surveys for preparation of tourist map in Maduruoya sanctuary.
8.	Setting out of control points under the 1:1 million (Bim Saviya) land Surveying program, at the requests made by Colombo, Kalutara and Gampaha district survey offices.

Special Service supplies carried out during the year (Geodetic Branch – SGO)

<i>Serial No.</i>	<i>Task</i>
1.	Providing of information of control points and bench marks for licensed surveyors and other institutions.
2.	Providing services for licensed surveyors and other institutions for carrying out of survey activities using of the SLCORS net technology.
3.	Updating of control points and bench marks data system
4.	Conducting of workshops for departmental officers, licensed surveyors and other institutions for carrying out of survey activities using SLCORS net and Real Time Kinematic technology.

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

<i>Serial No.</i>	<i>Task</i>
1.	Special Survey activities in Ratmalana airport.
2.	Leveling for Seethawaka river hydro power plant.
3.	Setting out of 12 control points at Panama area under the coastal development project
4.	Detail survey activities carried out so as to cover the Sri Lanka air force combat training school - Diyatalawa
5.	Setting out of control points under the 1:1 million (Bim Saviya) land Surveying program, at the requests made by district survey offices.

Precise leveling (Geodetic Branch – Diyatalawa)

<i>Serial No.</i>	<i>Task</i>
1.	Weeravila – Wellawaya leveling line
2.	Imbulpe – Pelmadulla leveling line
3.	Palamunai – Pothuvil leveling line

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

<i>Serial No.</i>	<i>Task</i>
1.	Geodetic surveys in railway tracks, from Secretariat Railway Station to Rambukkana , from Colombo fort to Kalutara south, from Homagama to Avissawella
2.	Leveling of 1.4 km Attanagalla- Minuwangoda water supply surveys.
3.	Providing of mean sea level height required for Puttalam – Aruwakkalu garbage management project.
4.	Topographical Surveys on railway track from Kurunegala to Habarana under “Pubudamu Rajarata”

Precise leveling (North Western Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Preliminary leveling line from Kalaoya to Anuradhapura
2.	Preliminary leveling line from Kurunegala to Udubaddawa
3.	Preliminary leveling line from Kalladi to Karuwalakudah

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

<i>Serial No.</i>	<i>Task</i>
1.	Setting out of 09 control points for Railway Department.
2.	Setting out of control points under 1:1 million Bim Saviya surveys
3.	Setting out of geo control points for Galle, Matara , Hambanthota districts
4	Balapitiya-Ambalangoda –Gintota coastal conservation survey project

Precise leveling (Southern Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Dondara - Morawaka Preliminary level line
2.	Galle-Dondaralevel line
3.	Paibokka – Pannegamuwa level line

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 Bim Saviya surveys
2.	Setting out of control points under Kaluganga development project
3.	Setting out of control points under Mahagonawewa development project
4.	Setting out of control points under Matale road development project.
5.	Leveling from Katugastota to Akurana hydro power plant project.

Precise leveling (Central Province Geodetic unit)

<i>Serial No.</i>	<i>Task</i>
1.	Preliminary category leveling line from Kodumaduwa to Mahaoya
2.	Secondary category leveling line from Madugoda to Andaulpotha
3.	Secondary category leveling line from Alawathugoda to Arandakade
4.	Leveling line from Manampitiya to Thopawewa, Mahiyanganaya

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

<i>Serial No.</i>	<i>Task</i>
1.	Engineering surveys of Padaviya and Vavuniya
2.	Forest surveys of Mannar and Vavuniya
3.	Carrying out of surveys in Vavuniya block.
4.	Real Time Kinematic surveys under electricity production project in Kilinochchi district.
5.	Setting out of control points under Kantale irrigation project

Precise leveling (Northern Province Geodetic Unit)

<i>Serial No.</i>	<i>Task</i>
1.	Leveling from Jaffna to Kilinochchi .
2.	Leveling from Kantale to Serunuwara (for the Kantale irrigation project)
3.	Leveling from Trincomalee to Aluthoya
4.	Leveling from Thambalagamuwa to Pachchinoru

5.2 Mapping

Mapping is an another special task among the basic tasks of the department. Accordingly preparation of topographical maps is considered as a main responsibility of the department and contribution for development activities is made through that. Thematic maps prepared on different kinds of themes so as to apply as appropriate for educational & other related tasks are prepared on different kinds of scales concurrently with this task. Important place is received to the national atlas prepared through several sectors of Sri Lanka. Similarly issue of digital data, preparation of printed maps & preparation of computer related maps according to the customer requests also are carried out and facilities required for this purpose can be obtained from the customer care branch in the department.

Opportunities have been provided to purchase all the printed maps from district & provincial office & institute of surveying & mapping Diyatalawa.

Revenue received 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.	4,996,946.00
Sale of Special maps for customer requirements	-	Rs.	2,754,556.50
Digital data revenue	-	Rs.	8,514,734.29
Recovery of royalty	-	Rs.	52,940.00

Institute of Surveying and Mapping and district survey offices

Sale of printed maps	-	Rs.	2,391,929.00
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Total revenue of maps, digital maps and digital data in 2018 - Rs. 18,711,105.79

Recorded revenue earned from sale of maps in the international book exhibition held in 2018 was Rs.1,023,648.00.

01. Works completed by the Topographical Mapping - Drawing Branch

- 1.1 30 maps have been prepared under the second edition of the 1: 50,000 map series and sent for printing. They are,

30- Kalaoya	32-Kawudulla	35-Galgamuwa
42-Damulla	47-Kurunegala	48-Matale
49-Pallegama	50-Mahaoya	53-Kegalle
54-Kandy	55-Mahiyangana	56-Padiyathalawa
57&58-Ampara-Kalmunai	59-Negombo	63-Bibila
64&65-Thirukkivil-Thampiddi	66-Colombo	70-Monaragala
71&72-Pottuvil - Komari	73-Kalutara	77-Buttala
78-Panama	79-Aluthgama	80-Matugama
81-Rakvana	82-Thimbolketiya	83-Kataragama
86-Ambalangoda	87-Moravaka	88-Hambanthota

1.2 Sixty maps in the scale of 1:10,000 have been completed and issued at the customer requests.

02. Works completed by the Thematic Mapping Branch.

- 2.1. Four (04) Town maps and 09 District maps have been completed in 2018 by the Thematic Mapping Branch.
- 2.2. Uva province tourist map under customer maps has been completed by this branch.
- 2.3 Maduruoya park map has been completed up to the final stage at the request of Department of Wildlife.
- 2.4 Special tourist map including Colombo and surrounding areas has been prepared at the request of Sri Lanka Tourist Board

03. Works completed by the Topographical Mapping - Preparation Branch.

- 3.1. Ten (10) topographical map sheets in the scale of 1:10,000 have been sent to the field for revision and data system of 74 map sheets have been updated.
- 3.2. One hundred and seventy nine (179) customer maps in the scale of 1:10,000 have been completed by this branch. There are 33 figurative maps and 146 line maps.

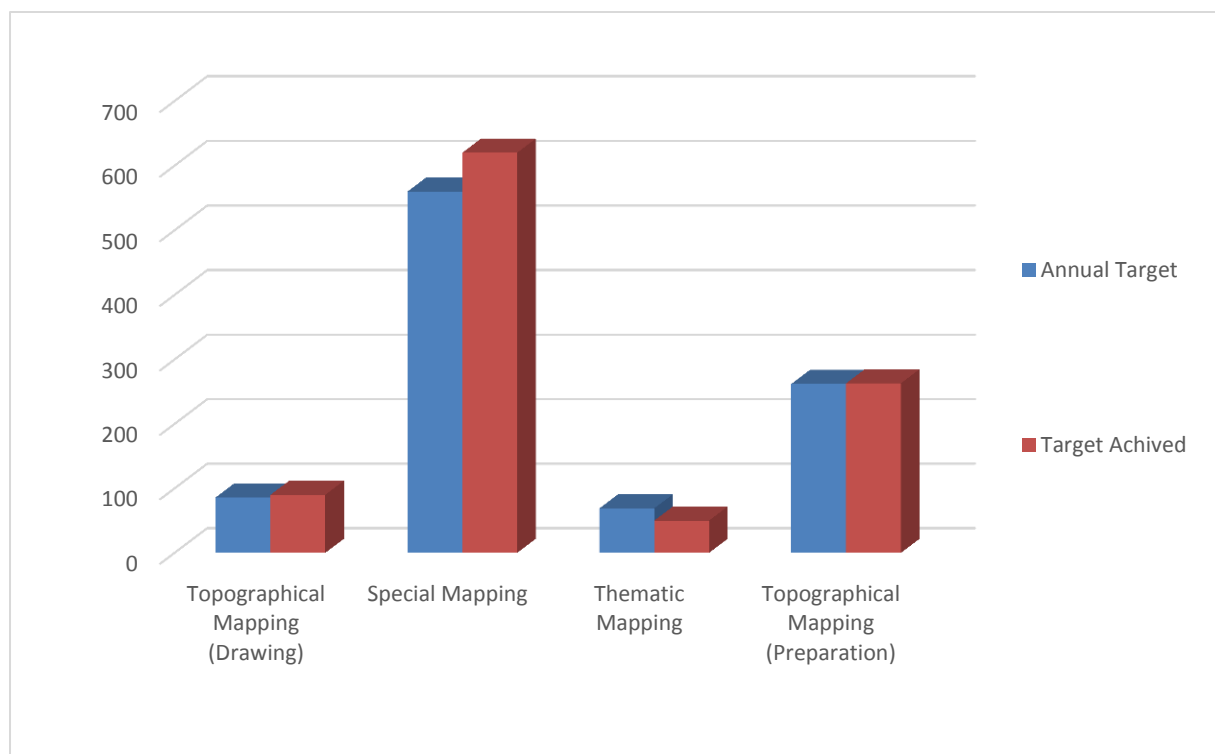
04. Works completed by the Special Mapping Branch

- 4.1 Considerable income is earned by the department by the sale of maps prepared at the customer requests and about 620 maps were prepared in 2018 for this purpose.

Progress of Map production in years 2018 is as follows

<i>Type of Map</i>	<i>Unit</i>	<i>Physical Progress</i>		
		<i>2018</i>		
		<i>Annual Target</i>	<i>Progress achieved</i>	<i>Percentage according to the target %</i>
Topographical Maps (Drawing)	No. of Maps	86	90	104.70
Special Maps	No. of Maps	560	620	110.70
Thematic Maps	No. of Maps	69	50	77.50
Topographical Maps (Preparation)	No. of Maps	262	263	100.40

Percentages of the progress of each branch is shown in the following diagram



Special work carried out by the mapping branch

1. Making of layouts, printing of EDM books, the work carried out by the Plan Typographical Branch and other departmental requirements that relevant to year 2018 have been completed.
2. EDM book binding is a main work out of the work carried out by the map preparation branch and all work has been completed according to the work tickets.

Out of the special work carried out in 2018, the following book and ledger bindings are included.

A-Z books	-	200
Field books	-	7595 (EDM, Field books & Level books)
Standing Orders books	-	679 (Sinhala, Tamil, English)
School Atlas (Tamil) books	-	1524
Survey journal	-	1075
Salary ledgers and other books	-	566
School maps and other maps pasting	-	40
Making of files	-	250

In printing work in Litho branch 129.3% of progress has been achieved and out of 4 printers available in the branch 3 machines are in operation. In addition to this, single color auto print knight printing machine has been purchased for printing convenience of form at the end of the year.



Single color Auto Print Knight Printing Machine

Maps and forms printing work in the following quantities has been made in this year.

50k (2 nd edition) map series sheets	40
50k map reprinting	05
50k map sections (for schools)	03
Grid sheets for army	10
District town maps	20
Maps in school map series	48
Customer requested maps and Thematic maps	
Sheets for district office requirements	

6.0 Geographical Names Branch

Role

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

Performance

National level committee appointed by the cabinet of ministers for preparation of geographic name standardizing and Romanizing methodologies has been held 04 sessions of meeting in the year 2018.

According to the procedure of principles and policies of standardizing of geographical names prepared by the relevant committee, the following activities have been carried out in 2018.

- Cabinet approval has been received for proposed Romanized methodology.
- Corrections of spellings & translation of letters of geographical names by the Department of Official Languages & translation of geographical name letters by outside translators have been completed.
- Entering of corrections of roads, water courses & place names as per the field information obtained by Grama Niladhari & new entries to the geographical data has been completed in 8275 Grama Niladhari divisions. Accordingly, data base of all Grama Niladhari divisions (14022) have been completed in the end of 2018.

- Data in 331 divisional secretariat divisions have been entered to the geographical name website. Obtaining public views from divisional secretariats municipal councils, urban councils, Pradeshiya Sabha, entering to the GIS data system has been completed after certifying of those views.
- Cabinet approval has been received for a new board established as geographical name regulation board for maintaining of the data base from 2019.

7.0 National Spatial Data Infrastructure Branch

Role

Preparation of formal national program for commonly use and interchange the spatial data.

Performance

This program is implemented by the Sri Lanka Information and Communication Technology Institution and as a main party, the Survey Department provides the technical assistance required for implementation of this program and the assistance required in preparation of policies. Accordingly, the following activities have been fulfilled in year 2018.

Establishment of Geo-portal - step 1

- Evaluation of geo-portal structures
- Creating of Sri Lanka NSDI feature Catalogue
- Initiation of geo-portal with data in stock holder institutions.
- Creating of 5 Use case applications, using the data collected from stock holder institutions
- Creating of Sri Lanka National Spatial Superior Structure (NSDI Web site)

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 all statutory plans prepared for surveys carried out in fields are filed in this branch and such plans are updated and maintained by surveys of which subsequently carried out. 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 2018 is as follows.

8.1 Issuance of Copies of Title Plans

Number of copies of Title and other Plans issued - 2386

A sum of Rs.1,906,860.00 has been earned by issuing these copies.

8.2 Plan Tracings and Diagrams issued by the District Survey Offices

Number of Settled Diagrams issued(S)	-	717
Number of diagrams issued (O and V)	-	810
Lease Diagrams (L Diagram)	-	344
Number. of tracings issued to Public	-	5573
Number. of true copies issued to the Public	-	33,250
Number of diagrams issued under the Land Development Ordinance	-	22,999

8.3 Court Commission Surveys

Number of court commissions brought forward from previous year	519
Number of court commissions received in the year	367
Number which completed and sent for courts	422
Balance at the end of the year	464

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

Balance, at the end of the previous year	-	04
The number received in the year 2018	-	21
Number of Final Village Plans and Final Topographical Plans prepared and issued in 2018	-	18
Balance, at the end of the year	-	07

8.5 Update of Old Records as per newly prepared Plans

Number of plans that remained to update at the end of the previous year	-	606
The number received in the year 2018	-	8652
Number of old Preliminary Plans, updated in 2018	-	1268
Number of Final Village Plans and Final Topographical Plans	}	-
Village Plans and Topographical Preliminary Plans		2595
Number of Cadastral Maps	-	274
Number of plans remaining at end of the year	-	4011
	-	1110

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 2018	Number of plan sheets completed in 2018	Balance
1,652,000	1,352,000	280,000	20,000

8.7 Providing details required for Surveys (L96) – 12,335 lots.

8.8 Issuance of Certificate of Accreditation

Under the Title Registration Act 1998, an accreditation certificate is issued for registered surveyors who wish to carry out Cadastral Surveys, concerning of the competency of each surveyor on carrying out of the Cadastral Surveys.

Number of Registered Surveyors as at 31.12.2018	-	2165
Number, which Accreditation Certificates have been obtained as at 31.12.2018	}	-
Number, obtained in 2018		1639
Total number, which accreditation Certificates have been obtained as at 31.12.2018	-	23
	}	-
	-	1662

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 and update of 10k LiDAR data process in the area of LiDAR Project.

Progress of this branch for the year 2018 has been shown below.

Serial No.	Item	Progress
1.	Creation of DEM, contours and semi ortho image by processing LiDAR point cloud	26086.Sq.km 7190 million DEM points
2.	2D data extraction for 1:10000 Topographical maps update	1840.0 Sq.km
3.	Re-printing of Aerial photographs (on requests)	369 No. of Photos/sheets
4.	Digital conversion of aircraft track index map	294 sheets

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 in 27 sheets for 1:50,000 map series, using satellite photographs with high resolution has been completed in this year. Accordingly work in 92 sheets has been completed.
- Data in 20 sheets in 1:50,000 data base using satellite photographs with high resolution have been updated.

9.3 Geographical Information System Branch

1. Preparation of digital topographical data (update) in the scale of 1:10,000 in area of 2840 square km so as to cover completely Kegalle district subjected to field revision, coastal zone of Colombo, Gampaha and Kalutara districts, North boundary of Gampaha district, in 2800 square km in Anuradhapura, Puttalam, Trincomalee and Polonnaruwa districts as per the information obtained from field investigations have been made by the Geographical Information System branch in 2018.
2. Preparation of maps for 6200 Grama Niladhari divisions in Colombo, Kurunegala, Kandy, Matara and Jaffna districts.
3. Preparation of data as appropriate to the requests made by Presidential Secretariat, Prime Ministers' Office, disaster management center, Police Criminal Investigation Department and another different public institutions.
4. Improving of Sri Lanka Grama Niladhari Division map which has been launched so as to be able to check through the internet.

10.0 Land Information System Branch

Maintaining of updated land information system which can be provide land information for public requirements is the role of this branch.

The progress of this branch for the year 2018 is as follows.

Progress	Cadastral Surveys		Sporadic Surveys		Parcel Fabric		Estate and Forest Surveys	
	Lots	Sheets	Lots	Sheets	Lots	Sheets	Lots	Sheets
Up to 2017	1,076,568	7,296	126,379	6,506	47,363	16,046	16,046	7,064
2018	192,043	2,968	57,070	2,884	27,820	8,347	-	-
2018.12.31	1,268,611	10,264	183,449	9,390	75,183	24,393	16,046	7,064

- Conducting of workshops on supplying and preparation of digital data for the land Information data system for technical officers in 25 districts & government surveyors, superintendent of surveys.
- Preparation of an internet related electric methodology for the purpose of extraction of cadastral plan that required to print in the title certificate, issued by the register general department, from the cadastral map & implementation.
- Implementation of internet related electric methodology for the purpose of obtaining of plan related data sent by the field, after preparation in the land Information System.
- Preparation of methodology for entering of supplementary tenement list information to the land Information System & entering data through that.

11.0 Institute of Surveying and Mapping- Diyatalawa

The Institute of Surveying and Mapping is operated as the training institute under this department and accomplished its work targets for the year 2018. The institute has completed its annual academic program fulfilling their 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. This Institute is the only government owned institution in the country which facilities are available for practical trainings in old and modern Land Survey techniques and committed to it.

Furthermore, the institute conducts Degree Course and Higher Diploma Course in Surveying sciences, Diploma courses (Advanced Level) for Map Technological Officers/Photogrammetric Technological Officers/ Air Photographic Technological Officers/ Remote Sensing Technological Officers in the Department. The Institute also conducts practical training programs called as Survey Camp for Civil engineering students of local universities and university colleges other than other applied courses relating to surveying for the technical carders at the requests of other Government and Semi-government organizations.

The institute is functioning under Snr. Deputy Surveyor General (Training)/Director (I.S.M.) and all academic matters are handled by Deputy Surveyor General(Academic) who is the head of academic division. Similarly, professional development training programs also are conducted continuously and annually to enhance the skills and knowledge of all the members of technical staff for the purpose of providing of better services to the country from them.

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 (Residential- BDC/15)	4 years	2018-01-08	2022-01-08	14
2.	Orientation Course(OC/10)	6 month (Academic)	2018-01-08	2018-07-13	35

11.1.2 Short Term Courses conducted for the Survey Departmental Staff

Serial Number	Name of the Course	Number of participants	Date conducted
1	Cigas training work shop	2	2018-01-12/13
2	Cigas training work shop	2	2018-08-10/11
3	CPDP(Arc GIS & QGIS)(for Snr.SS)-Group 1	3	2018-08-27/29
4	CPDP(Arc GIS & QGIS)(for Snr.SS)-Group2	3	2018-09-12/14
5	CPDP(Arc GIS & QGIS)(for Snr.SS)-Group3	3	2018-10-10/12
6	CPDP(For MTO)-Group1	3	2018-11-12/14

Serial Number	Name of the Course	Number of participants	Date conducted
7	CPDP(For MTO)-Group2	3	2018-12-10/12
8	Cloud Data base(For SLSS)-Group1	1	2018-12-18
9	Cloud Data base(For SLSS)-Group2	1	2018-12-19
10	Cloud Data base(For SLSS)-Group3	1	2018-12-20

11.1.3 Short Term Courses conducted for the Other Institutions

Serial No.	Course description	No. of Dates	No. of Participants	Duration	Organization
1	Education Visit	1	28	2018.01.05	Sri Lanka Navy - Trincomalee
2	Survey Camp	5	58	2018.01.08-2018.01.13	IET-Katunayaka
3	Education Visit	1	34	2018.01.10	Sri Lanka Navy - Trincomalee
4	Education Visit	1	17	2018.01.11	Sri Lanka Navy - Trincomalee
5	Education Visit	1	11	2018.01.12	Sri Lanka Air Force- Diyatalawa
6	Survey Camp	5	57	2018.01.22-2018.01.27	IET-Katunayaka
7	Training Program	2	25	2018.02.15-2018.02.16	Divisional forest office - Nuwaraeliya
8	Training Program	3	60	2018.02.21-2018.02.23	Central Cultural Fund-Monaragala
9	Education Visit	1	100	2018.03.06	Sri Lanka Air Force - Diyatalawa
10	Education Visit	1	35	2018.03.07	Sri Lanka Navy - Trincomalee
11	Training Program	4	41	2018.03.13-2018.03.16	Land Commissioner Department - Uva Province –North Central Province
12	Training Program	4	24	2018.03.26-2018.03.29	District Secretariat-Badulla
13	Survey Camp	6	47	2018.04.23-2018.04.28	Advanced Technological Institute - Galle
14	Education Visit	1	59	2018.05.08	Sri Lanka Navy Headquarters - Colombo
15	Education Visit	1	33	2018.05.09	Sri Lanka Artillery Camp Minnariya
16	Survey Camp	6	47	2018.05.14-2018.05.19	Advanced Technological Institute - Galle
17	Education Visit	1	96	2018.05.25	University of Sabaragamuwa
18	Education Visit	1	30	2018.06.12	Sniper training school-Diyathalawa
19	Education Visit	1	30	2018.06.13	Sniper training school-Diyathalawa
20	Education Visit	1	60	2018.06.14	Sri Lanka Navy Headquarters - Colombo
21	Training Program	5	25	2018.06.18	Road Development Department-(North western province)
22	Training Program	4	18	2018.07.10-2018.07.13	District secretariat- Polonnaruwa
23	Education Visit	1	15	2018.07.20	Dharmapala Maha Vidyalaya-Bandarawela
24	Education Visit	1	18	2018.07.23	Diyathalawa Maha Vidyalaya- Diyatalawa

25	Education Visit	1	14	2018.07.23	Janananda Vidyalaya- Diyatalawa
26	Education Visit	1	86	2018.07.30	Commando Regiment Training School - Uva Kuda oya
27	Education Visit	1	16	2018.07.31	Sir John Kotalawala Defense University Sooriyawewa
28	Survey Camp	3	50	2018.01.22-2018.08.03	Technical Collage -Balapitiya
29	Survey Camp	5	64	2018.08.06-2018.08.10	Advanced Technological Institute - Galle
30	Education Visit	1	115	2018.08.31	Sri Lanka Air Force - Diyatalawa
31	Education Visit	1	75	2018.09.04	Sri Lanka Air Force - Diyatalawa
32	Education Visit	1	36	2018.09.07	Sri Lanka Navy - Trincomalee
33	Education Visit	1	54	2018.09.14	Volunteer Force Training - Diyatalawa(Sri Lanka Army
34	Education Visit	1	127	2018.09.17	Sri Lanaka Army- Diyatalawa
35	Training Program	3	57	2018.09.25-2019.09.27	Land Commissioner Department
36	Education Visit	1	64	2018.09.28	Commando Regiment Training School - Uva Kuda oya
37	Survey Field Assistant training program - 2018 (NVQ Level 2/3/4) - Group 1	3 Months	91	2018.08.27-2018.11.23	Vocational Training Authority (Survey Field Assistant)
38	Survey Field Assistant training program - 2018 (NVQ Level 2/3/4) - Group 2	3 Months	94	2018.09.25-2018.12.19	Vocational Training Authority (Survey Field Assistant)
39	Survey Field Assistant training program - 2018 (NVQ Level 2/3/4) - Group 3	3 Months	48	2018.10.29-2018.01.23	Vocational Training Authority (Survey Field Assistant)
40	Survey Camp	5	58	2018.10.02-2018.10.06	IET-Katunayaka
41	Education Visit	1	30	2018.10.11	Technical Collage Beliatta
42	Survey Camp	5	57	2018.10.15-2018.10.19	IET-Katunayaka
43	Education Visit	1	40	2018.10.15	Sri Lanka Navy - Trincomalee
44	Education Visit	1	64	2018.10.15	Sri Lanka Navy - Punewa
45	Training Program	2	30	2018.10.22-2018.10.23	Divisional forest office- Rathnapura
46	Education Visit	1	85	2018.10.23	Land Commissioner Department - Sabaragamuwa
47	Survey Camp	5	57	2018.10.29-2018.11.02	IET-Katunayaka
48	Education Visit	1	52	2018.11.05	Road Development Department- North western province
49	Training Programme	3	50	2018.11.07-2018.11.09	Land Commissioner Department
50	Education Visit	1	31	2018.11.12	Sri Lanka Artillery Camp Minnariya
51	Survey Camp	5	26	2018.12.03-2018.12.07	University college- Batangala
52	Education Visit	1	50	2018.12.07	Sri Lanka Navy Headquarters - Colombo
53	Education Visit	1	30	2018.12.11	University of Ruhuna
54	Education Visit	1	63	2018.12.18	Commando Regiment Training School - Uva Kuda oya

12.0 Examination Branch

Conducting of recruitment examinations for all the departmental posts, efficiency bar examinations relevant to departmental officers as power delegated by the public service commission are carried out by this branch.

No	Name of Examination	No. of Applications Received	No. of Applications eligible	Exam held on/to be held on (Date)	No. of arrived candidates	Closing Date for Applications	Results Issued on	No. of Passes	No. of Referred	Total Expenditure (Rupees)	Expenditure Per Candidate (Rupees)
1	Second efficiency bar examination conducted for officers in primary semi-skilled service category (Departmental Labors)	43	04	2018/03/19-23	04	2018/01/31	2018/04/24	04	00	-	-
2	Third efficiency bar examination conducted for officers in primary semi-skilled service category (Vehicle Assistants)	01	01	2018/03/19-23	01	2018/01/31	2018/04/24	01	00	-	-
3	First efficiency bar examination conducted for officers in primary semi-skilled service category (Plan Repairer)	02	02	2018/04/23-24	02	2018/03/16	2018/05/28	02	00	1800.00	900.00
4	First efficiency bar examination conducted for the officers in survey field assistant service (in district level)	178	178	2018/05/07-11	177	2018/02/28	2018/07/09	176	00	-	-
5	Second efficiency bar examination conducted for the officers in survey field assistant service	29	29	2018/05/12	24		2018/08/14	14	00	4770.00	199.00
6	Third efficiency bar examination conducted for the officers in survey field assistant service (in district level)	29	29	2018/05/14-18	27		2018/08/14	22	00	-	-
7	First efficiency bar examination 2018 for executive service category in Survey Department (Post of legal officer) SL – 01-2006	01	01	2018/05/25	01	2018/04/12	2018/08/14	01	00	5445.00	5445.00

8	First Departmental Examination to promote the officers in Sri Lanka Technological service from the class II segment "B" to class II segment "A"(for Litho Technician Officers)	01	01	2018/06/16-17	01	2018/03/30	2019/01/07	01	00	12870.00	12870.00
9	Examination for issue of Surveyor General's Certificate as Authorized Draughtsman (Part I) ; Gazette on March 2018	196	93	2018/07/21	66	2018/05/25	2018/09/18	08	00	46565.79	706.00
10	Second Departmental Examination to promote the officers in Sri Lanka Technological service from the class II segment "B" to class II segment "A"(Map Technological Officers)	13	01	2018/05/17-18	01	2018/03/30	2018/06/05	01	00	4385.00	4385.00
11	First Efficiency Bar Examination for Officers in Class II, Grade II of Sri Lanka Surveyors' Service	148	118	2018/09/15	104	2018/05/18	2019/01/23	27	43	-	-
12	Second Efficiency Bar Examination for Officers in Class II, Grade II of Sri Lanka Surveyors' Service	186	163	2018/12/27	-	2018/10/09	Results are to be released	-	-	-	-
13	Second efficiency bar examination conducted for officers in primary semi-skilled service category (Departmental Labor)	39	03	2018/09/17-21	03	2018/07/31	2018/11/28	03	00	-	-
14	Third efficiency bar examination conducted for officers in primary semi-skilled service category (Vehicle assistant)	02	01	2018/09/17-28	01	2018/07/31	2018/11/28	01	00	-	-
15	Examination for issue of Surveyor General's Certificate as Authorized Draughtsman -Part II (Gazette on March 2018)	66	08	2018/10/13-14	06	#	Results are to be released	-	-	-	-

16	Second efficiency bar examination conducted for officers in primary semi-skilled service category(Map Mounter & Book Binder)	03	03	2018/10/25-26	03	2018/08/31	2018/11/28	01	00	6220.00	2073.00
17	First efficiency bar examination conducted for the officers in survey field assistant service (in district level)	108	108	2018/11/05-09	105	2018/08/31	2018/12/21	100	00	-	-
18	Second efficiency bar examination conducted for the officers in survey field assistant service	23	23	2018/11/17	19	2018/08/31	2018/12/21	16	00	4380.00	231.00
19	Third efficiency bar examination conducted for the officers in survey field assistant service (in district level)	17	17	2018/11/12-16	17	2018/08/31	2018/12/21	15	00	-	-
20	The Intelligent test for deciding of seniority of the Surveying Science graduates of University of Sabaragamuwa, recruited to the post of Apprentice Surveyor	141	141	2018/03/24	138	2017/12/29	2018.12.26	138	00	28911.80	210.00
21	Open competitive Examination conducted for recruitment of Survey Field Assistants to the Survey Department	1037	454	2018/07/30	452	2018/06/29	2018/08/08	256	00	60862.52	135.00
22	Limited/Open Competitive Examination for Recruitment to the Post of Map Technological Officer(to the Training Grade) of Sri Lanka Technological Service - 2018	428	290	2018/11/10	217	2018/09/10	2018.12.19	80	00	42439.42	196.00
23	Recruiting Examination on limited basis for the post of Technical and Administrative Officer (class III of Executive service category)-2018	47	47	2018/11/24	33	2018/06/22	2018.12.10	15	00	17429.66	528.00

#Candidates who passed the Part I of the Examination of issue of Surveyor General's Certificate as Authorized Draughtsman

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 in the department 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., revision of departmental survey regulations & standing orders in terms of new technological methods are the main role of this branch.

Following activities have been carried out in 2018 by this department to make perfection of the above requirements.

1. Relevant updates of the Sinhala copy of the 5th edition of departmental survey regulations have been completed for the purpose of update in terms of the new technological methods. Preliminary activities have been initiated for English translation.
2. 84th Survey Journal has been published in August.
3. Opportunities of use of SDCAD software have been provided for government surveyors & licensed surveyors.
4. Preparation of a Grama Niladhari map so as to include total data of 11 divisions out of 51 Grama Niladhari divisions in divisional secretariat Elpitiya and taking action to give an access for the accelerating of program of providing of grants for state lands.
5. Preparation of the program of accelerating of providing of grants for state lands and preparation of cabinet memorandums.
6. Contribution for preparation of supply of basic requirements of providing of other resources for implementation & acceleration of the above program.
7. Computerizing of coastal conservation boundaries in data portal of “INVESTERS GUIDE”
8. Collecting of data about all the printers of the department and analyzing of information on usage and proposing the measures accordingly.
9. By examining, supervising of old plans in Polonnaruwa district as the pilot project for digitalizing of old plans, identifying of weaknesses of the methodology.
10. Drafting of cabinet papers relevant to the approval of the proposals of project of collecting of LiDAR data required to cover Whole Island and the project of continuous supply of satellite images.
11. Preparation of relevant specifications for several items purchased annually, taking action in technological evaluation committees & preparations of relevant reports.
12. Formal arrangement of departmental technological library of the department.
13. Planning of activities on behalf of the department for holding of exhibition of V-2025 Enterprise Sri Lanka at Monaragala in August 2018, National ICT Exhibition- INFOTEL -2018 in BMICH in November 2018 and for the exhibition held concurrent to the 70th anniversary of the ke/Dehiovita national school, for the technological educational exhibition of Kaluthara/Katukurunda Maha Vidyalaya.
14. Preparation of feed tools for quality checking whether the digital data of plans prepared by field officers have been prepared so as to appropriate to the land Information system branch and for comparing the area of said digital data with the tenement list using “QGIS”(open source) and making aware the field officers relating to the usage.
15. Preparation of supporting tools required for digital data management of land information system.

14.0 Title Registration Survey Branch

Role

1.The responsibility of preparation of cadastral maps that require for preparation of title certificates at the request of commissioner general of Land Settlement in terms of the “Title registration act No 21 of 1998 adopted on 29th April 1998” to grant title certificates with responsibility of government concerning the relative location, size, standardized lot number for the lands of all citizens in Democratic Socialist Republic of Sri Lanka, is delegated to the Surveyor General. In preparation of such cadastral maps, all state and private lands will be surveyed and publications of gazette notifications on investigations, decisions concerning the ownership of lands are made by the Commissioner General of title settlement and preparation of “Title Certificates” in terms of such decisions and cadastral maps are made by the Registrar General of Title settlement.

2.Organizing of survey activities for preparation of cadastral maps under the “Bim Saviya” project on behalf of Surveyor General is the role of the title registration branch.

3.Therefore, responsibility of surveying of lands in this project consisting of long procedure with contribution of three institution, was able to report a progress exceeded 100%in 2018 in the midst of different hardships and having limited resources.

4.In fulfilling of such activities, among the preparation of annual program concerning the survey activities, preparation of provision estimates, management of provision obtained by the ministry by a provincial survey offices so as to cover 22 districts, in an occasions sufficient government surveyors are not available, calling bids to obtain the service of the registered licensed surveyors and selection activities also are carried out

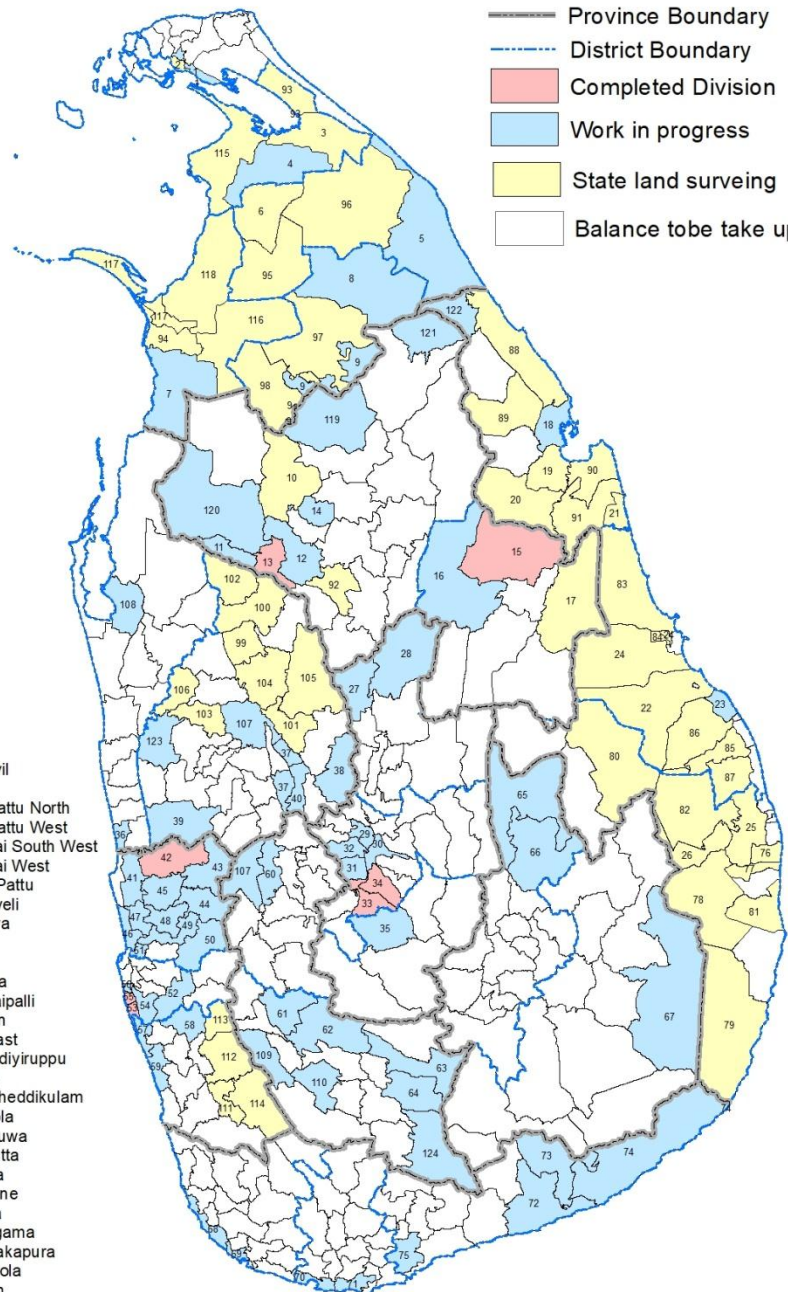
5.Action has been taken, concerning the public and different local government complaints and participation for revision activities of the above act with the co-ordination of other institutions according to experience and issues faced, progress review concerning of the ministry of Lands, inquiries of Land settlement, Title registrar, Audit, departments and other institutions.

In 2018	G.S.	L.S.	Total
Number of lots completed in the areas presented by the Commissioner General of Title Settlement	43940	44626	88566
Number of lots completed in outside areas of such areas	57890	3527	61417
Total	101870	61417	149983
Expenditure Rs.	67,669,976.43	152,701,126.61	220,371,103.04

Brief input and coverage					
Province	District	Number of Divisional Survey Offices	Number of Divisional Secretariats	Number of Government Surveyors	Number of Licensed Surveyors
8	18	30	50	100	100

Bimsaviya Programme 2018 **(Divisional Secretariat wise status of Cadastral Surveys)**

- 1 Nallur
- 2 Jaffna
- 3 Kandavalai
- 4 Karachi
- 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 Pannala
- 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 Thirukkivil
- 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



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 2017 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 2019 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. All the letters received to the department have been entered to the mail tracking system. Accordingly, 42,243 letters have been entered in this year.

15.4 Circulation of the circulars

The following circulars were printed and distributed among the departmental staff during the relevant year and circulars were sent by post to the field officers in different places in the island by this branch. This methodology was change in meddle of the year and steps were taken to publish all the circulars through the internet facilities.

<i>Type of the Circular</i>	<i>Number of Circulars</i>
Departmental management circulars	10
Departmental management Circular Letters	06
Field Staff Circulars	09
Field Staff Circular Letters	16
Office Staff Circular	01
Office Staff Circular Letters	36

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.52,605.00 has been paid for Sinhala-Tamil translations in the year 2018.

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 11groups of university students and officers in security forces have been conducted during the year under review. 313 students and officers have participated for these sessions.

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. 1721 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 carried out under the supervision of Instrument and building branch of the department throughout the year under review. Crown Royal Security (Pvt) Limited was provided security service and cleanliness and beauty of the department were maintained by the Nipuni cleaning service company.

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 during the year under review.

1. A Pirith Chanting to obtain blessings for the staff prior to beginning of duties on 01st of January and tea ceremony for all the staff was held.
2. Conducting of Sinhala and Tamil Avurudu Uthsawaya with the participation of officers in the department and their children and Prize giving for winners.
3. Providing of electric items, shoes, clothes and books etc. on concessionary prices on loan basis for the Sinhala and Hindu New Year and at the end of the year.
4. Improving the facilities, maintenance of the day care center which provides care for the children of the staff.
5. Maintenance of a shop for sale of essential items on concessionary prices in lunch break and properly maintaining of welfare canteen
6. Improving of emotional sense of the departmental officers holding the Vesak, Nawarathri festivals.
7. Conducting of various medical clinics and consultancy programs for the welfare of the employees.

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

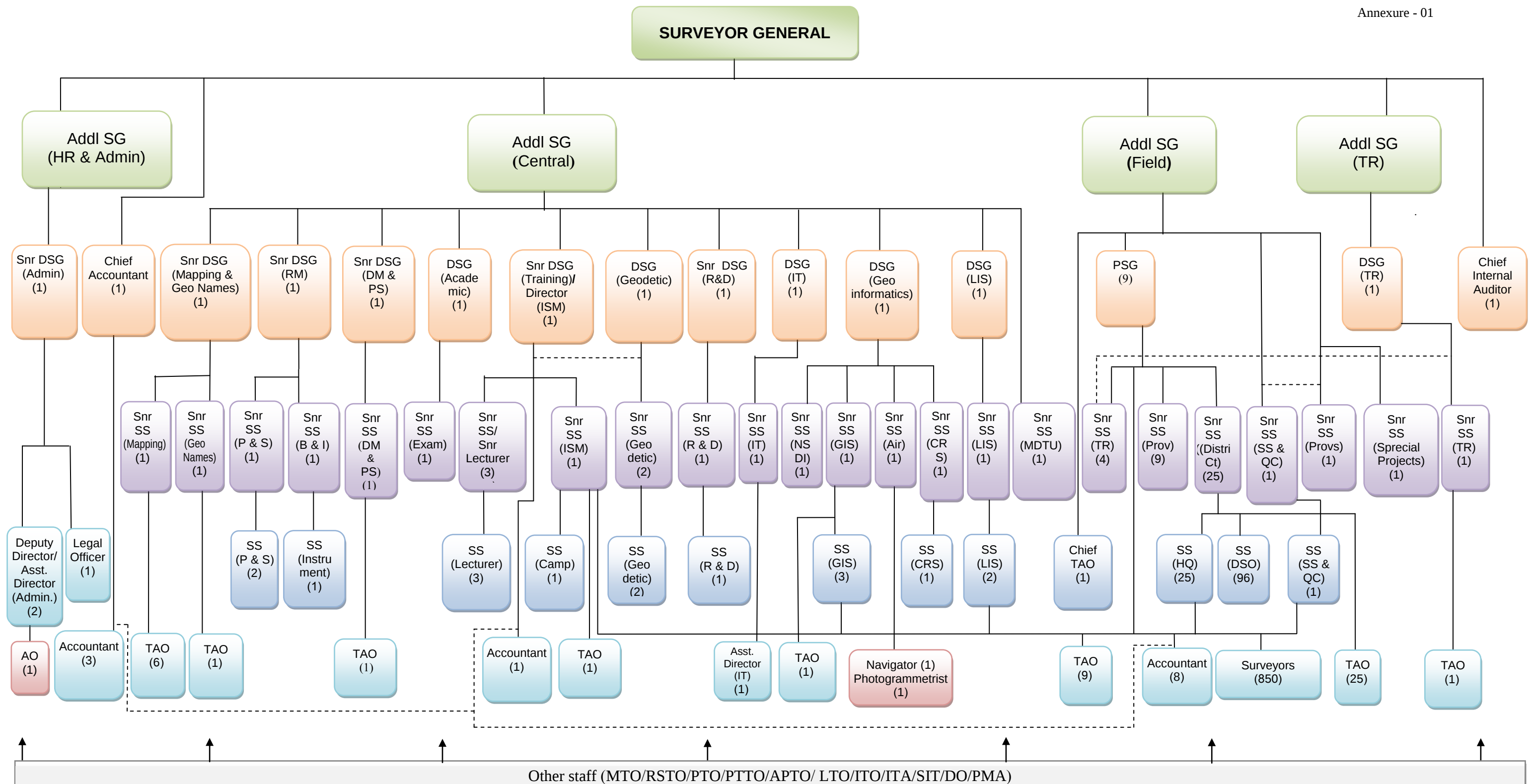
18.0 Conclusion

In addition to fulfilling of the tasks targeted, 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 132%. 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 from the officers of the Ministry of Lands and Land Development, departmental unions for this purpose also is appreciated.

S.M.P.P. Sangakkara
Surveyor General

ADMINISTRATIVE STUCTURE OF SURVEY DEPARTMENT - 2018

Annexure - 01



Addl SG - Additional Surveyor General
 HR & Admin - Human Resources and Administration
 Snr DSG - Senior Deputy Surveyor General
 PSG - Provincial Surveyor General
 DSG - Deputy Surveyor General
 Snr SS - Senior Superintendent of Surveys
 SS - Superintendent of Surveys
 TAO - Technical and Administrative Officer
 AO - Administrative Officer
 Admin - Administration
 RM - Resource Management

DM & PS - Document Management and Professional Standard
 B & I - Buildings and Instrument
 P & S - Procurements & Supplies
 R & D - Research & Development
 LIS - Land Information System
 GIS - Geo Information System
 AIR - Air Surveys
 CRS - Centre for Remote Sensing
 TR - Title Registration
 Exam - Examination
 Prov - Province

Provs - Provinces
 ISM - Institute of Surveying & Mapping
 IT - Information Technology
 MDTU - Management Development & Training Unit
 NSDI - National Spatial Data Infrastructure
 SS & QC - Special Survey & Quality Control
 DSO - District Survey Office
 HQ - Head Quarters
 MTO - Map Technological Officer
 RSTO - Remote Sensing Technological Officer
 PTTO - Plan Typographic Technological Officer

PTO - Photogrammetric Technological Officer
 APTO - Air Photographic Technological Officer
 LTO - Litho Technological Officer
 ITO - Information Technological Officer
 ITA - Information Technological Assistance
 SIT - Survey Instrument Technician
 DO - Development Officer
 PMA - Public Management Assistant

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Recommended by	- Mr.P.A.N.De Silva (Additional Surveyor General-Field)