Survey & Mapping Department
Turk & Caicos Islands

GIS & MAPPING UNIT

Turks & Caicos Islands

The Turks and Caicos Islands is geographical located in the Atlantic Ocean between 21o and 22o N and 71o and 72o 30” W.

Survey & Mapping Department

Mission Statement

The Turks and Caicos Islands, Survey and Mapping Department will uphold the regulations, which govern the professional standards in all areas of surveying and mapping under the authority of the Land Survey Ordinance by maintaining professional and ethical standards for all surveyors within the Turks and Caicos Islands. The department will provide unparalleled service to all customers through proactive communication, professional inspiration, and superior work ethic, while building relationships, and maintaining a reputation for quality and integrity within the Survey and Mapping Department for the benefit of all staff and customers. Our higher purpose is to make a positive difference for our country, by providing quality service to create a department committed to excellence.

Survey & Mapping Department

GIS & MAPPING UNIT

The GIS/Mapping Unit is responsible for the maintenance and updating of the TCIG-LIS.

It aims to provide topographic and cadastral maps at small, medium and large scales in hard copy and digital format and special services such as site maps (tourist maps, city/town plans, election maps etc.), and aerial photographs. The standards that would be used for these maps would be elaborated in Mapping Standards.

SURVEYING UNIT

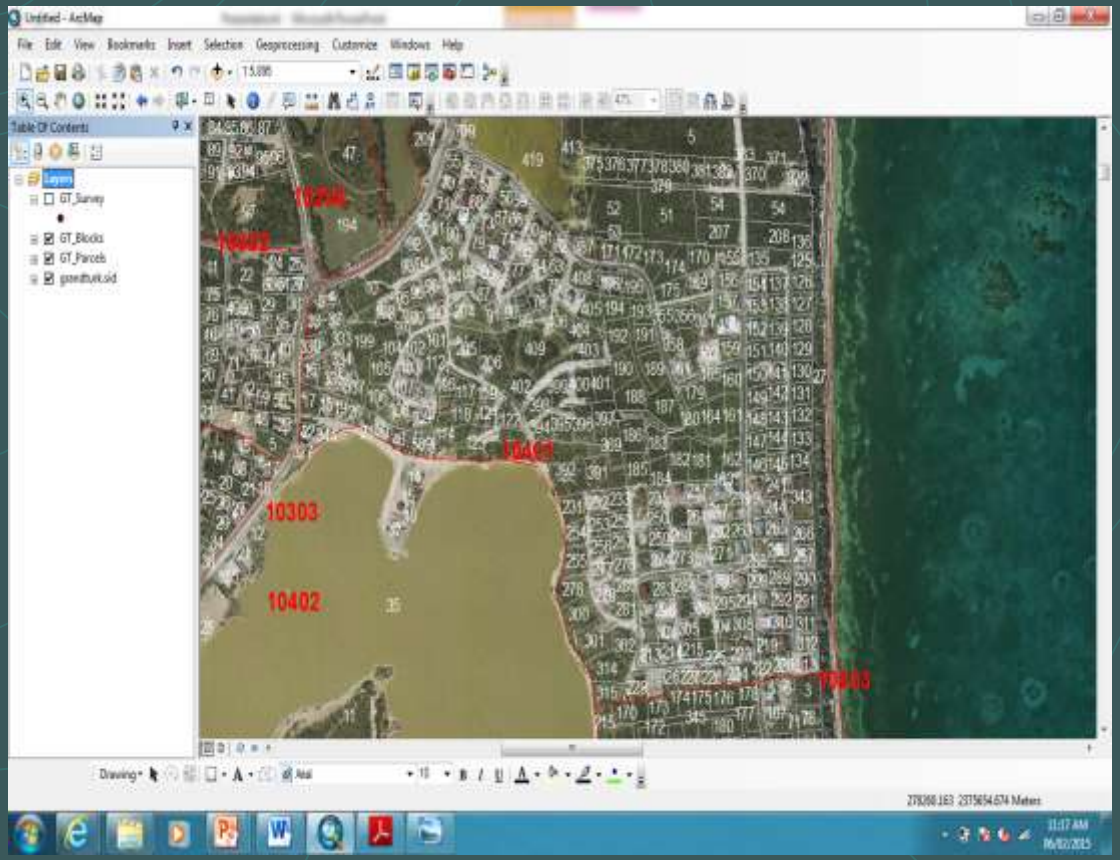
The Survey Unit is responsible for the review of all cadastral and strata survey files whether they be for subdivision, combination etc. The Unit currently has the capabilities for the execution of the following:

- Review of topographic and engineering surveys
- Production of Station Descriptions for existing controls

Survey & Mapping Department

Software

- ArcGIS 10.2
- ArcGIS 9.3
- ArcGIS 3.5
- ArcGIS 3.0



Survey & Mapping Department

Layers

Blocks

Parcels

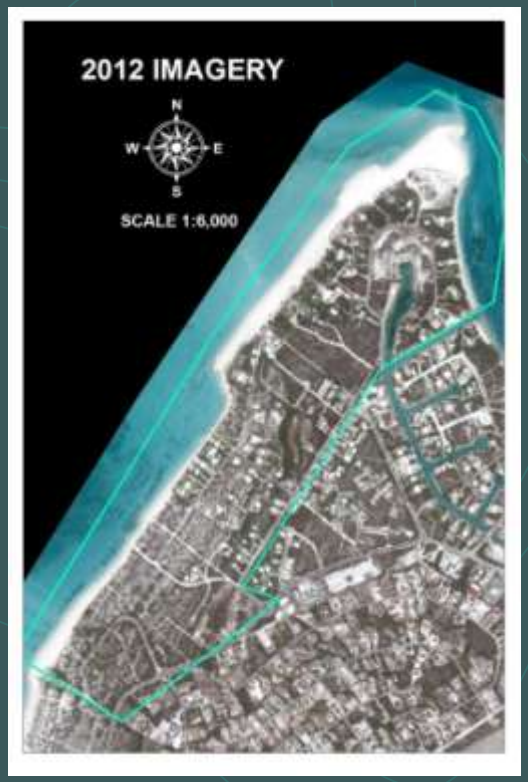
Points

Survey & Mapping Department

2000 IMAGERY

2007 IMAGERY

2012 IMAGERY



Survey & Mapping Department

GIS USERS

- SURVEY & MAPPING DEPARTMENT
- CROWN LAND DEPARTMENT
- DDME
- DEMA
- ELECTIONS OFFICE
- PLANING DEPARTMENT
- 911 EMERGENCY SERVICES

Survey & Mapping Department

OTHER IMPORTANT DATA

- COMMUNICATIONS (LIME)
- UTILIES (FORTIC)
- WATER (PROVO WATER)
- POLICE (RTCIPD)
- FIRE (TCIFD)
- BATHYMETRY

Survey & Mapping Department

Key Recommendations

- GIS Committee
- Data & Information Sharing
- Departmental Networking
- More Multi-agency Projects
- Public & Private Networking
- Equipment

QUESTIONS

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