ELECTRONIC MAPPING CONVERSION REQUIREMENTS

To facilitate the implementation of electronic mapping into the one call software please ensure your submission includes the following information.

- **PROJECTION** Is the equation used by a coordinate mapping system. The most commonly used projection is UTM – Universal Transverse Mercator. If your mapping system is utilizing a custom projection please ensure that all specifications have been submitted.

- **ZONE** The province of BC is within zones 10 and 11

- **DATUM** The starting coordinate**.** The datum formats used in Canada are NAD27 (North American Datum) and NAD83 (most commonly used).

The following information although not a requirement may be beneficial.

- **SCALE & UNIT** The applicable mapping scale and unit of measurement (meters, feet, inches Etc.)

The following information defines the one call mapping system requirements.

- **LEVEL** The BC One Call system of mapping is based on street segments level mapping. Notification coverages can be created by using municipal boundaries, legal land or petroleum and natural gas grids or corridors. The preferred coverage is street level. Please submit your underground infrastructure and identify your preferred type of coverage.

- **FORMAT** To assist BC One Call with the timely and accurate implementation of underground facilities please submit your mapping data in either ESRI shape or MapInfo format. If these formats are not available review the following acceptable formats or contact BC One Call to discuss other options.

COMPATIBLE MAPPING SOFTWARE

The following mapping software is compatible with the TelDig system. The preferred formats are shape or MapInfo.

ARC/INFO (EDO)
ARC/INFO (Generate)
ArcView (Shape)
AutoCAD DWG/DXF
MicroStation Design (DGN)
MapInfo MID/MIF
MapInfo TAB

** For Autodac.DWG/DXF formats the UTM Zone is required

(Universal Transverse Mercator = UTM EG: NAD 83 for Canada - UTM - Zone 10)