

GLOSSARY

- 1- **Topographic survey:** preliminary surveys used to tie earth surface features.
- 2- **Hydrographic survey:** preliminary surveys tie underwater feature to surface control line
- 3- **Route surveys:** preliminary, layout and control surveys that range over a narrow but long strip of land (highways, railroads, electricity transmission lines and channels).
- 4- **Property surveys:** Preliminary, layout and control surveys determine boundary locations for a new map.
- 5- **Aerial survey:** Preliminary and final surveys convert aerial photograph into scale map using photogram metric tech.
- 6- **Construction survey:** Layout of engineering work.
- 7- **Final (as built) survey:** Preliminary surveys tie in features that just have been constructed
- 8- **Chain survey:** Only linear measurements are made with chain or tape no angular measurements are taken
- 9- **Compass survey:** Horizontal angles are measured with the help of magnetic compass
- 10- **Plane table survey:** The map is prepared in the field itself by determining the directions of various lines making linear measurements, and plotting the details on paper using a plane table