

# 15 GLOBAL NAVIGATION SATELLITE SYSTEMS—KINEMATIC SURVEYS

Asterisks (\*) indicate problems that have partial answers given in Appendix G.

**15.1\*** What are the two types of kinematic survey?

**Post-processed kinematic (PPK) and Real-time kinematic (RTK)**

**15.2** What advantages does a PPK survey have over an RTK survey?

From Section 15.4, paragraph 4: "Data latency is not a problem in PPK surveys since the data is post-processed. Other advantages of PPK surveys are (1) that precise ephemeris can be combined with the observational data to remove errors in the broadcast ephemeris and (2) the base station coordinates can be resolved after the fieldwork is complete." Plus also the reduce amount of equipment needed in the field since a radio is not required.