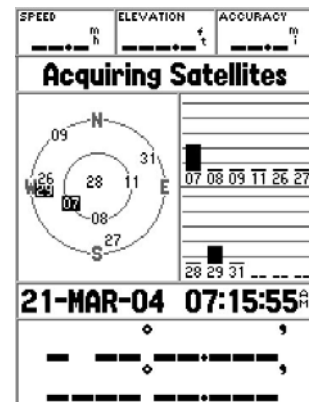# MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions

Map a boundary and determine its area: *During this exercise you will walk around the boundary of an area. Once you have completed your walk and the track is closed, you will be able to record the approximate area of the track.*

Procedure: *Part one ~ setting up track logging.*

1. *Walk to the first point (denoted by a pink ribbon) of the area you are going to map.*

2. *If you have not done so already, power on your GPS receiver. As in Exercise One, the receiver goes through the advertisement (Splash) screens before it gets to the satellite screen.*

3. *While the receiver is gathering adequate satellites, we will set up the track log.*

4. *Press the <MENU> key once and you are taken to the "Satellite" screen menu.*
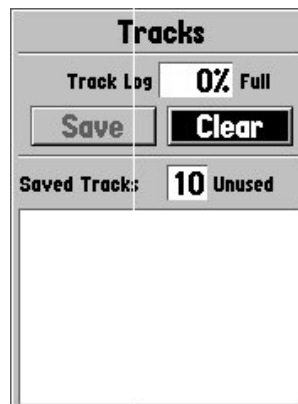
MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions
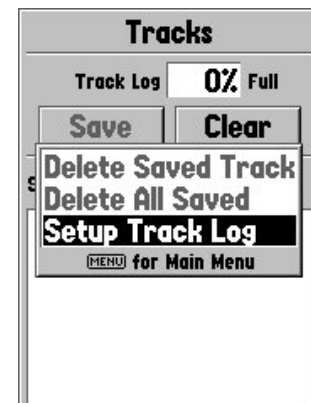
5.   *Press <MENU> again and you will be at the "Main Menu" screen.*

6.   *Using the center <ROCKER> key, make sure "Tracks" is highlighted and press the <ENTER> key.*

7.   *You are now at the "Tracks" screen.*

8.   *Press the <MENU> key to enter the 'Tracks' menu and highlight 'Setup Track Log'. Press the <ENTER> key which takes you to the 'Track Log Setup' menu.*

MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions

9. Use the <ROCKER> key to highlight the 'Record Method' and set the option to 'Time'. Press the <ENTER> key to accept.

10. Next, highlight the 'Interval' field and using the <ENTER> and <ROCKER> keys set the time interval to 00:00:03 (3 seconds) and press the <ENTER> key.

11. This provides plenty of points to depict the track at a normal walking pace.
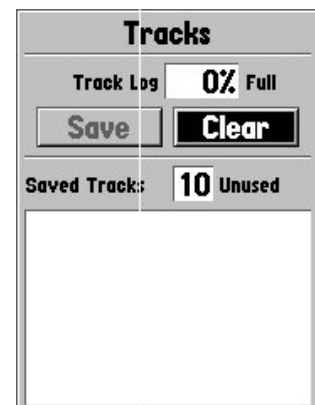
MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions

12. *Highlight the 'Recording' field. Set it to 'Stop When Full' and press the <ENTER> key to accept. This option prevents loss of data should you forget to clear enough memory within the receiver.*

13. *Highlight the 'OK' button and press the <ENTER> key to store your selections and return to the 'Tracks' screen.*

14. *Note: you do not need to do Steps 8 – 13 above if you always plan to use the same Track Log Setup. However, it is best to repeat Steps 8, and 12 (set the 'Recording' option to 'Off') and 13 when you are done collecting Tracks. Otherwise, your receiver's memory will become filled with track points.*

MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions

Procedure: *Part two ~ clearing the track log.*

1. Before you start walking we need to clear the track log so we don't get any extraneous points.

2. Use the <ROCKER> key to ensure that the "Clear" button is highlighted.

3. Press the <ENTER> key and use the <ROCKER> key to highlight the "Yes" button.
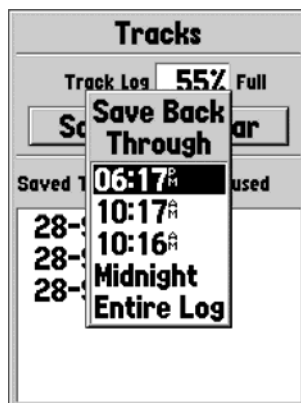
4. You are now ready to walk the boundary.

MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions

Procedure: *Part three ~ collecting and storing the track.*

1. *It is not necessary for the GPS receiver to stay in the "Tracks" screen through the entire traverse but is advisable for this exercise.*

2. *Walk from one pink ribbon to another until you return to your starting position.*

3. *When you reach your starting point, ensure the "Save" button is highlighted and press the <ENTER> key.*

4. *Using the <ROCKER> key, highlight the topmost track in the list and press the <ENTER> key.*

MLEP Introduction to GPS
Field Exercise Two
Exercise requires pencil/pen to answer questions

5. *You will be taken to the "Track" screen where you can view the track information and edit the name of the track if you choose to do so.*

6. *What is the area of your track?*

_____

Track

Name	
28-SEP-04 03	

Distance	Points
0.28$^{m}_{i}$	6

Area
2.552308 ac

☐ Show on Map and Highway

Delete	Map
TracBack	**OK**

7. *From the track information screen record the number of points,*

_____

and the distance of the perimeter.

_____

8. *Use the <ROCKER> key to highlight the "OK" button and press the <ENTER> key to save your track.*

***Note: When finished using the tracking function, we recommend you turn this feature off. You can do this by choosing the "Off" option in step eleven of Part I of this exercise instead of "Stop When Full".