

The management of the base data at the MPOB's DGPS base station is shown in *Figure 1*. The base data collected at the station is available for use by the industry. Ultimately, users can access the base data through the MPOB homepage in the Internet. Presently, the base data is available to users through e-mail or they can personally collect the data from the station.

Differential correction carried out on the rover data improved its accuracy; *Figure 2* shows the uncorrected and corrected rover data respectively using MPOB's DGPS base station data.

CONCLUSION

The setting up of the DGPS base station at MPOB will stimulate and enhance the adoption of new technologies in the oil palm industry. Base data collected at the station is good for correcting rover data 500 km around the station. It improved the accuracy of DGPS data collection in the field and reduced the overhead cost of using DGPS in the plantation.

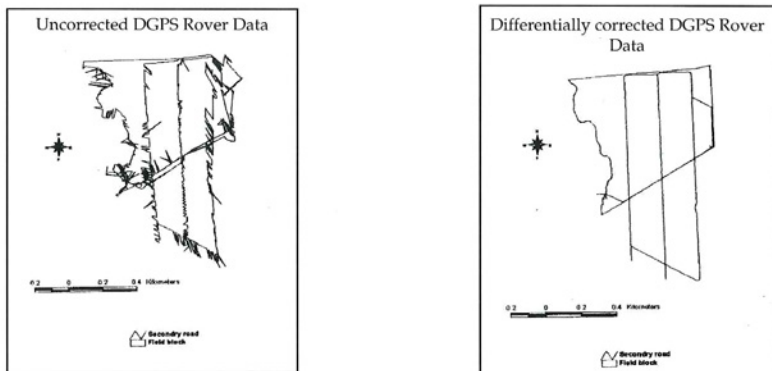


Figure 2. Uncorrected and corrected DGPS Rover Data.

For more information kindly contact:

Director-General
MPOB
P.O. Box 10620
50720 Kuala Lumpur, Malaysia.
Tel: 03-89259155, 89259775,
Homepage: <http://mpob.gov.my>
Telefax: 03-89259446