

# **Heuristic Solutions Timber Cruise/Inventory Program TCruise**

## I. TCruise and companion product suite

- A. TCruise for Windows CE (TCWinCE)
- B. TCruise GPS navigation tool (TCGPSNavigator)
- C. TCruise data collection with Haglof's computer caliper (TCaliper)
- D. Tree volume equation and table generator (TVolume)
- E. Tree profile fitter (TProfile)
- F. Infrared file transfer (IrFT)

## II. TCruise setup procedure

- A. Defining species code and species groups
- B. Setting species group merchandising specifications
- C. Entering species group prices
- D. Selecting output options
- E. Saving the settings as a reusable template

## III. Field data collection procedures

- A. Height measurements
- B. Growth measurements
- C. Sub-merchantable and reproduction
- D. Site Index

## IV. Field data collection software (TCWinCE)

- A. Data entry
- B. Wireless data entry

1. Haglof Digitech caliper
2. Haglof Vertex heights
3. GPS pods
4. Demo with Juniper Systems ALLEGRO FPC3

V. Preparing an interpreting TCruise reports

VI. Demonstration of a complete cruise

- A. Downloading cruise specification file to TCWinCE
- B. Typical plot data entries
- C. Uploading cruise data file into TCruise PC
- D. Processing the uploaded cruise data

VII. Discussion and question session