

Date: December 11, 2006  
Product: FAST Survey / Z-Max.Net  
Subject: **V2.0.2 version release**  
Number: FastSurvey-2006-2

**IMPORTANT: Please read the following paragraphs BEFORE you proceed to upgrade your Z-Max field terminal.**

### **Introduction**

This new version of FAST Survey V2 is a no cost software update. This version has been created for MobileMapper CE, Juniper Allegro CX and Juniper Allegro CE for the following languages: English, French, German, Spanish and Portuguese.

Upgrading MobileMapper CE operating system from version 2.63 to version 2.91 erases FAST Survey registration key. Version 2.91 will not generate the same unit registration code. This creates the need to generate a new "change key" to have FAST Survey fully operational.

### **Changes since version 2.0.0**

- **Recording interval:** The reset utility will automatically copy the RCI (Recording Interval) to memory and will copy it back after the reset is complete. This will allow for easier collection of static data for OPUS processing.
- **Chinese translation:** Text displayed in the title bar of dialogs and property pages will now be Unicode compatible. This will eliminate the instances of "???" seen in the title bars for Chinese translated versions.
- **Registration code:** Reg Codes for the MobileMapper CE devices are now calculated correctly.
- **Depth sounder:** A bug, which caused data from the Innerspace depth sounder to be read incorrectly, was fixed.
- **GPS averaging:** A memory leak associated with averaged GPS readings was fixed.
- **User defined antenna:** A bug, which caused the first user-defined antenna in the list to not be shown, was fixed.
- **Magellan Professional Brand:** In the antenna list, "Thales Navigation" was renamed "Magellan Professional".
- **Stake out:** In the dialog for selecting points for stakeout from a user list, the Cancel button was not displayed. This is now fixed.
- **Stake out:** If a point is not stored in the crd file but is recorded in the cutsheet or note files, the description of the offset is now retained.
- **Stake out:** The interpolation of the cross section for slope staking or template stakeout is now correct when a profile is applied.
- **Exit:** A bug, which could cause an invalid exception when exiting the software, was fixed.
- **Splash screen:** The splash screen is updated.

## Upgrading MobileMapper CE

**IMPORTANT: Please read the following paragraphs BEFORE you upgrade your MobileMapper CE as a Z-Max field terminal.**

It is important to match the proper version of FAST Survey to the MobileMapper CE operating system (OS) version. See the table below.

MobileMapper CE OS	FAST Survey
2.64	2.0
2.91	2.0.2

Upgrade the MobileMapper CE OS BEFORE you upgrade FAST Survey.

Upgrading MobileMapper CE operating system from version 2.63 to version 2.91 erases FAST Survey registration key. Version 2.91 will not generate the same unit registration code. This creates the need to generate a new “change key” to have FAST Survey fully operational.

### Step 1 – Get your current FAST Survey registration numbers

This procedure must be followed to avoid delays in the generation of your new code.

- Get the three FAST Survey numbers on the label of the shipping box or the current FAST Survey CD (**S/N; registration code; change key**)
- If you do not have this information, get your current **Registration code** and **Serial number** from FAST Survey in the window **Equip > About > Change Key**

Example of FAST Survey registration numbers:

- **Registration code:** 154-387
- **Serial number:** 1507-2475701-304185
- **Change key:** 25347

### Step 2 – Upload MobileMapper CE OS2.91

Refer to technical note “Installing MobileMapper CE Network Generation Firmware.”

The technical note and the files to upload can be downloaded from:

- Site: [ftp.magellangps.com](ftp://ftp.magellangps.com)
- Folder: /Mobile Mapping/MMCE/MobileMapper CE Network Generation/
- File: MMCE\_NetGen\_FW.zip

We recommend you also upload GPS firmware E031, which is found in the same zip file.

### Step 3 – Upload FAST Survey V2.0.2

Upload FAST Survey software as described in the FAST Survey Reference manual (starting page 11)

The files to upload can be downloaded from:

- Site: [ftp.magellangps.com](ftp://ftp.magellangps.com)
- Folder: /Land Survey/FAST Survey/Software/Version 2.0.2/

## Step 4 – Get your new FAST Survey registration numbers

This procedure below must be followed to avoid delays in the generation of your new code.

- Run FAST Survey to get the new unit's "**Registration code**"
- Provide the three initial FAST Survey registration numbers to Magellan (see Step 1)
- Provide the new unit "**Registration code**" to Magellan
- A new "**Change key**" will be provided to you

Examples of FAST Survey registration numbers:

**Registration code:** 154-387  
**Serial number:** 1507-2475701-304185  
**Change key:** 25347

## Step 5 – Enter your new FAST Survey registration numbers

- Run FAST Survey
- Enter the **Serial Number** and the **Change Key** provided by Magellan. This will unlock FAST Survey

Your MobileMapper CE field terminal for Z-Max is now fully ready for operation.

## Upgrading Allegro CE / CX

### Step 1 – Get your current FAST Survey registration numbers

Before upgrading your Allegro Z-Max.Net field terminal, we recommend your recording your current FAST Survey registration numbers as the upgrade process may erase them. Refer to Step 1 for Upgrading MobileMapper CE for how to get the registration codes.

### Step 2 – Upload Allegro CE / CX Operating System

If the correct OS version is not installed in your Allegro, refer to Allegro manual to upgrade your equipment.

- Allegro CE OS should be version 4.2
- Allegro CX OS should be version 1.06
  
- Download the appropriate OS version from <http://www.junipersys.com/>
- Refer to Allegro manual to upgrade your Allegro field terminal

### Step 3 – Upload FAST Survey V2.0.2

- Upload FAST Survey software as described in the FAST Survey Reference manual (starting page 11)

The files to upload can be downloaded from:

- Site: <ftp://ftp.magellangps.com>
- Folder: /Land Survey/FAST Survey/Software/Version 2.0.2/

#### **Step 4 – Get your new FAST Survey registration numbers**

This step may not be necessary if you have uploaded a new Operating System to your Allegro field terminal. To know if new registration numbers are needed, run FAST Survey. If the window “Do you want to register now” is displayed, you need to set a new registration number. Otherwise your terminal is already fully operational.

If new registration numbers are needed, this procedure below must be followed to avoid delays in the generation of your new code.

- Run FAST Survey to get the new unit **Registration code**
- Provide the 3 initial FAST Survey registration numbers to Magellan (see Step 1)
- Provide the new unit **Registration code** to Magellan
- A new **Change key** will be provided to you

#### **Step 5 – Enter your new FAST Survey registration numbers**

- Run FAST Survey
- Enter the **Serial Number** and the **Change Key** provided by Magellan. This will unlock FAST Survey

Your Allegro field terminal for Z-Max.Net is now fully ready for operation.