Instructions for Updating Software on Components in the Machine
(Updated July 22, 2005)

Please read and then print the following pages to assist in reprograming at the machine.

Section 1: **GreenStar System Update using a KeyCard –** Instructions for updating software on components in the machine using a KeyCard that was updated with the <u>GreenStar System Update...</u> from Stellar Support.

Update KeyCard — Use this option to update all KeyCards

   A. Automatically Updating Components when programmed to KeyCard Mode

   B. Manually Updating Components when programmed to a KeyCard Mode

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Section 2: **GreenStar System Update using a Data Card –** Instructions for updating software on components in the machine using a data card that was updated with <u>GreenStar System Update...</u> from Stellar Support.

   A. Update Data Card CYM w/ StarFire iTC – Instructions for updating system when the below update is loaded to the Data Card.

Update Data Card CYM w/ StarFire iTC — Use this option for updating a Yield Mapping System with a StarFire iTC

   B. Update Data Card CYM w/ original StarFire - Instructions for updating system when the below update is loaded to the Data Card.

Update Data Card CYM w/ original StarFire — Use this option for updating a Yield Mapping System with an original StarFire Receiver, L-Band, or a non-Deere receiver

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For a list of the latest software versions go to *"Latest Software Versions for AMS Products"* or visit www.StellarSupport.com and click on Support and Training, then Software Enhancements, and then Latest Software Versions for AMS Products.

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NOTE: After selecting the latest software version shown (as per the instructions below), each component will take a few minutes to update (possibly as long as 10 minutes). Follow the onscreen instructions to either cycle power (turn key off, wait a few seconds and turn key back on) or press OK when updating is complete.

Section 1: GreenStar System Update using a KeyCard – Instructions for updating software on components in the machine using a KeyCard that was updated with the GreenStar System Update... from Stellar Support.

    A. Automatically Updating Components when programmed to a KeyCard Mode.

    If you currently run a Mobile Processor in any keycard mode (Parallel Tracking, AutoTrac, Field Doc, Harvest Doc) regardless of receiver, please use the following instructions.

    1. After inserting the updated keycard a message should appear stating, "Warning, New Software found for Mobile Processor, GreenStar Display, GPS Receiver (or associated components currently connected)." This warning message will give you the option of selecting Continue or Cancel. Press Continue to automatically update the components listed.

    2. If you do not get the above message, please follow the instructions in Section B to manually update all the components you have present on your system.

    B. Manually Updating Components when programmed to a KeyCard Mode.

    To update software on the:

    Moisture Sensor (Elevator Mount), press:

        1. Info
        2. KeyCard
        3. Program Target
        4. Moisture Sensor
        5. Select the latest software version shown.

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Mobile Processor, press:

1. Info
2. Keycard
3. Program Target
4. Mobile Processor
5. Select the latest software version shown for the appropriate application.

GreenStar Display, press:

1. Info
2. Keycard
3. Program Target
4. GreenStar Display
5. Select the latest software version shown

StarFire or StarFire iTC Receiver, press:

1. Info
2. Keycard
3. Program Target
4. GPS Receiver
5. Select the latest software version shown

TCM, press:

1. Info
2. Keycard
3. Program Target
4. TCM
5. Select the latest software version shown

Harvest Monitor Combine (Grain Tank mount Moisture Sensor), press:

1. Info
2. Keycard
3. Program Target
4. Harvest Monitor Combine
5. Select the latest software version shown

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Section 2: **GreenStar System Update using a Data Card –** Instructions for updating software on components in the machine using a data card that was updated with GreenStar System Update... from Stellar Support.

A. **Update Data Card CYM w/ StarFire iTC**

If you currently have a Yield Mapping System with a Mobile Processor and a StarFire iTC, please use the following instructions.

To update the components in this configuration you must:

NOTE: This process is explained in detail below.

Step 1 – Program from Yield Mapping to Parallel Tracking
Step 2 – Update all components
Step 3 – Program from Parallel Tracking back to Yield Mapping

Step 1: Program from Yield Mapping to Parallel Tracking

1. Info
2. Reprogram
3. Program Target
4. Mapping Processor
5. Select the software version that starts with KEY, (i.e. KEY1B5_0.Y12)

Note: You may get a message stating, "Yield Mapping found on bus, Parallel Tracking currently loaded. Do you want to change products?" Press Cancel.

Step 2: Update all Components

1. A message should appear stating:

   "Warning, New Software found for Mobile Processor, GreenStar Display, GPS Receiver" (or whatever components are currently connected)

   This warning message will give you the option of selecting Continue or Cancel. Press Continue to automatically update the components listed.

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2. The automatic updates will <u>not</u> update the Moisture Sensor. To manually update the Moisture Sensor go to Section B.

3. If you do not get the above message, please follow the instructions in Section B to manually update all the components you have present on your system.

Step 3: Program from Parallel Tracking to Yield Mapping

1. Info
2. Keycard
3. Program Target
4. Mobile Processor
5. Select the latest version of Combine Yield Map software shown

IMPORTANT: If you ran this update from your data card, please remember to take it back to the computer originally used to update the card and run the <u>GreenStar System Update...</u>. This operation will restore your data back to the data card.

B. Update Data Card CYM w/ original StarFire

If you currently have a <u>Yield Mapping System</u>, please use the following instructions.

To update software on the

<u>Mobile Processor</u>, press:

1. Info
2. Reprogram
3. Program Target
4. Mapping Processor
5. Select the latest software version shown

<u>Moisture Sensor</u>, press:

1. Info
2. Reprogram
3. Program Target
4. Moisture Sensor
5. Select the latest software version shown

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StarFire Receiver, press:

1. Info
2. Reprogram
3. Program Target
4. GPS Receiver
5. Select the latest software version shown

Note: The GreenStar Display cannot be updated in Yield Mapping mode.

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