IMEI Assign Option

NOTE	This option is implemented only for Slave Board s/w versions 0006_260605, and for Q2400 GSM modems.

Warning	Before these operations, check "Enable Debug" in the "Debug" window of the PRI management PC SW.
	Described bellow operations will be affect on the IMEI of the GSM module on every cycle of the swapping the SIM place. Except Manual Changing of the IMEI number, see below paragraph #2, code of operation – M.
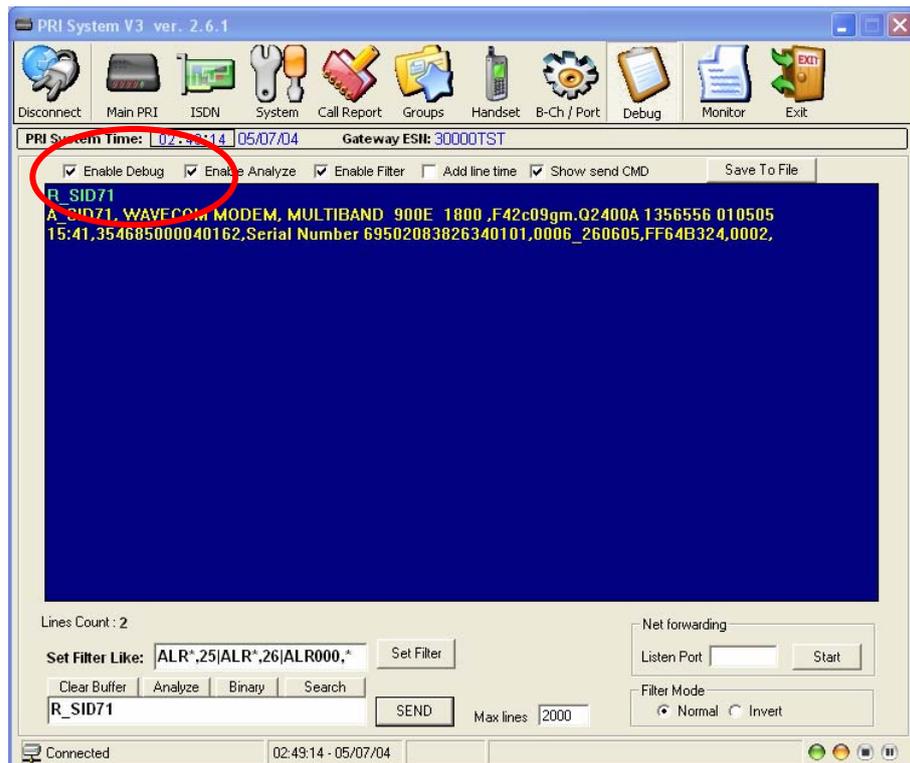
1. Check Hardware Versions.

Check versions of the following components:
- Slave board (PCB containing the GSM modem)
- GSM modem
- Current IMEI

Check versions as follows:

   a. In the Debug window of the PRI Manager,
      type the following command:

R_SID<Number of slave board><Number of GSM modem>.

For example for the first GSM modem of the seventh slave board type:

R_SID71

b. Press **Enter** on the keyboard or press **SEND**
    in the Debug window.

The number of the slave board may be from 1 to 8. The number of the GSM modem may be from 1 to 4.

The following readout appears in the Debug window:
A_SID71, WAVECOM MODEM, MULTIBAND 900E 1800 ,F42c09gm.Q2400A 1356556 010505 15:41,354685000040162,Serial Number 69502083826340101,0006_260605,FF64B324,0002,

Legend (Note items in red):

A_SID71, <Name of GSM modem>,<Supported Bands>,<S/W Version of GSM modem>,<IMEI of GSM modem>,<Serial Number of GSM modem(only for Q2400 modems)>,<S/W Version of Slave Board>,<Check Sum of the program the Slave Board>, <Version of the Boot Loader the Slave Board>,

2. Assign IMEI.
    Assign the IMEI as follows:

   a. Use the following command:

   C_WIS<Number of slave board><Number of GSM modem>, <NUMBER SIM THAT IMEI WILL ASSIGN TO>, <CODE OF OPERATION>, <NEW ASSIGNED IMEI NUMBER>,

   The <NEW IMEI NUMBER> must be a 15 digit number, where the last digit is the Check Digit.

   The <NUMBER SIM PLACEMENT THAT IMEI WILL BE ASSIGNED TO> it a number of the SIM place, must be from 1 to 4, or M – manual changing the IMEI for the GSM module.

   The <CODE OF OPERATION>: 0 - clearing the memory for assignment of the IMEI for selected SIM place, 1 – saving the IMEI in the memory, in case manual change this field is not presented.

   For example for first GSM modem of seventh slave card, IMEI assignment to 1 place of the SIM, type (in this example 2 is the check digit):

   C_WIS71,1,1, 354685000040162,

   The number of the slave board may be from 1 to 8. The number of the GSM modem may be 1 to 4, number SIM place may be 1 to 4.

   - For manual changing use: **C_WIS71,M,354685000040162,**

   b. Press **Enter** on the keyboard or press **SEND** in the Debug window.

   The following readout appears in the Debug window:

   This readout indicates that the IMEI has been assigned to selected placement of the unit.

This IMEI will be programmed into GSM modem automatically every time when this placement will be selected for working with the GSM modem.
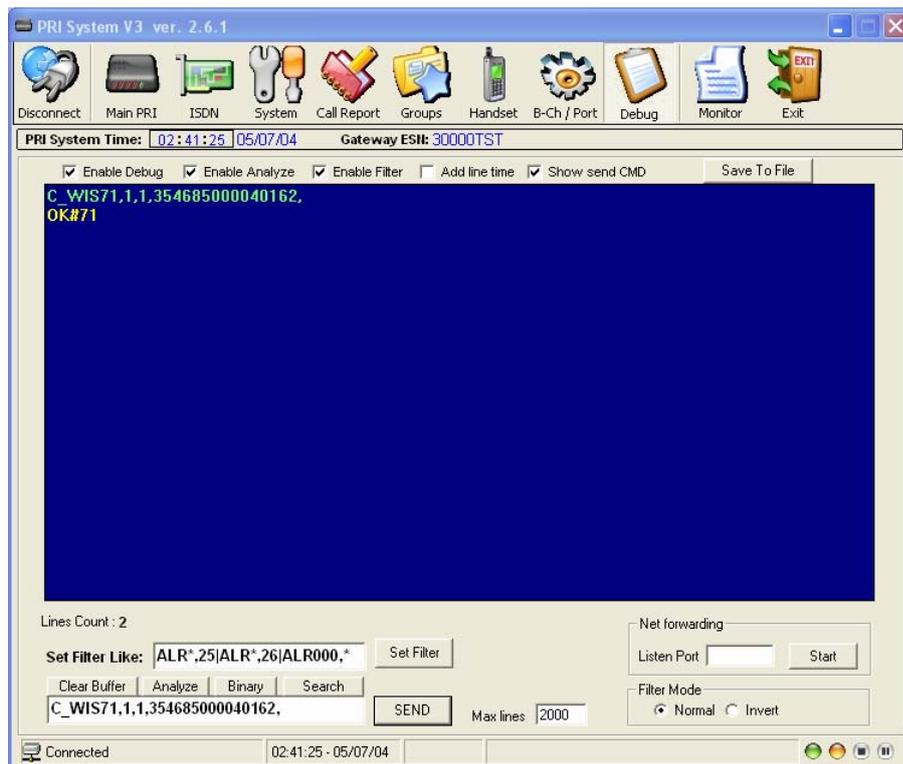
3. **Verify assigned IMEI numbers.**
   Verify the IMEI assignment as follows:

   a. Use the following command:

      R_WIS<Number of slave board><Number of GSM modem>, <NUMBER SIM PLACEMENT THAT IMEI WILL BE CHECKED>,

      The <NUMBER SIM THAT IMEI WILL ASSIGNED TO> it a number of the SIM place, must be from 1 to 4.

      If for checked SIM placement was not assigned IMEI number, you will read NA indication in received answer.

      For example for first GSM modem of seventh slave card, IMEI assignment to 1 place of the SIM, type (in this example 7 is the check digit):

      R_WIS71,1,
      A_WIS71,354685000040162
      R_WIS71,2,
      A_WIS71,NA,