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Release notes SR1 software version 4.01b143 Document Number: 100402

Version: 1.0

15-12-13

Version Number	Date	Written By	Inspected By	Changes
1.0	Tuesday, October 28, 2014	Baruch Kagan	Avi Barda	Baseline

1 General

The Documents is release notes for TC1 software 4.01b143 and Firmware 4.2.b11

2 New Features

The following are new features

- 1. Support ASI output in parallel to the TsoIP output
- 2. Support of SDD output providing as a UDP message information about EsNo, AGC , Lock and others. SDD is output on Port+1
- 3. PID Filter Filter TS packets of Specific PID and output it over UDP. This feature allow receiving and externally parsing the PSI/SI tables. The Filtered TS packets output on port +2
- 4. Support DiSeqC
- 5. Auto Calculate of Egress Multicast MAC based on IP address

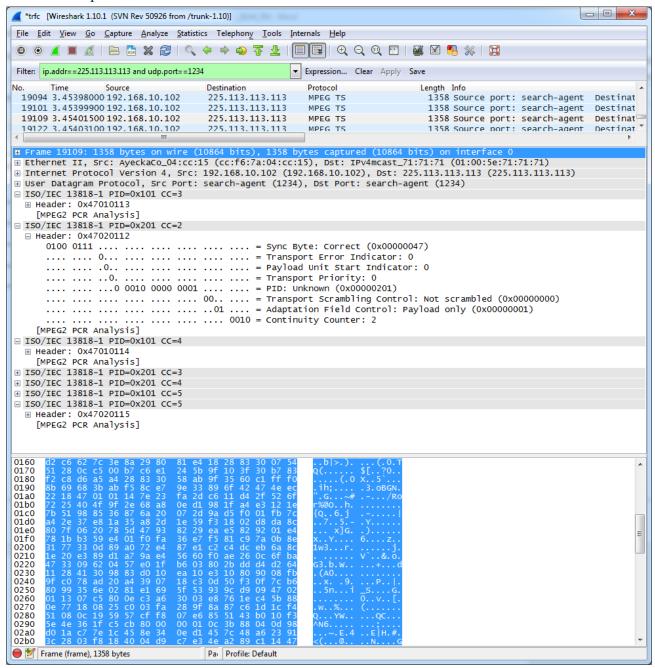
3 Compatibility

3.1 Hardware

The SW version operate with SR1 hardware 2.0x.

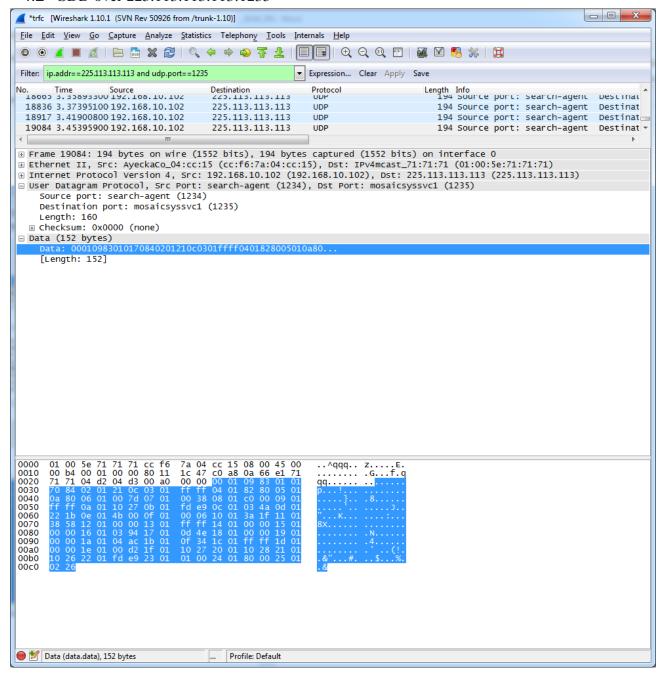
4 Screen captures

4.1 Transport stream over 225.113.113.113:1234

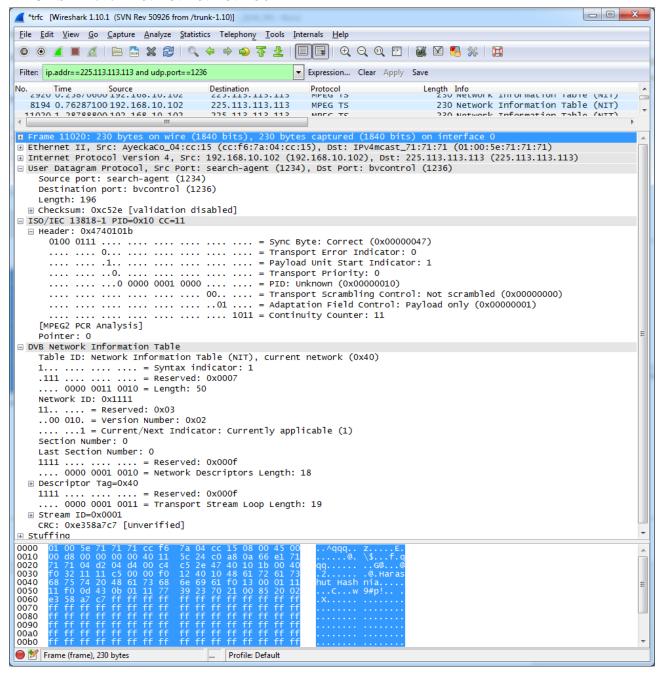


TC1_B144_RN

4.2 SDD over 225.113.113.113:1235



4.3 SDD over 225.113.113.113:1236



5 Using the PID Filter

The TC1 support filtering TS form specific PID and output them over UDP. To activate the PID filtering one need to do the following two steps

5.1 Configuration using the terminal

Configuring the PID can be done using the terminal (Serial or Telnet).

Ingress Configuration

- 1. Config RX Channel 1
- 2. Config RX Channel 2
- 3. Select Active RX Channel
- 4. RX Channel Switching Manual
- 5. RX Channel Operation Mode Single
- 6. Force BBF Output Unforced
- 7. PID Filter

In the Ingress configuration Menu, select the PID filter (#7)

PID Filter

- 1. Enable PID Filter Enabled
- 2. PID to filter 30

Set the PID number (Decimal) and enable the filtering – The order is important.

5.2 Configuration using the SNMP

The following OIDs are used

Set the PID filter - <oid name="rxPidFilter" value="1.3.6.1.4.1.27928.103.1.1.3.7.0" type="int"/>

Enable the filter - <oid name="rxPidFilterEnable" value="1.3.6.1.4.1.27928.103.1.1.3.6.0" type="int"/>

5.3 Filtered PID UDP port

The filtered PIDs UDP port is hard coded to the TS output port + 2