


```

no ip address
!
interface FastEthernet1
no ip address
!
interface FastEthernet2
no ip address
!
interface FastEthernet3
no ip address
!
interface FastEthernet4
no ip address
duplex auto
speed auto
!
interface Cellular0
ip address 172.30.154.203 255.255.255.0
ip virtual-reassembly in
encapsulation ppp
dialer in-band
dialer idle-timeout 0
dialer string gsm1
dialer-group 1
async mode interactive
no ppp lcp fast-start
ppp chap hostname mts
ppp chap password 0 064
ppp ipcp dns request
!
interface Vlan1
ip address 10.200.49.1 255.255.255.0
ip virtual-reassembly in
!
ip forward-protocol nd
ip http server
no ip http secure-server
!
!
ip nat inside source list 10 interface Cellular0 overload
ip route 0.0.0.0 0.0.0.0 Tunnel19
!
access-list 100 permit ip any any
dialer-list 1 protocol ip list 100
!
!
!
!
!
control-plane
!
!
line con 0
line aux 0
line 3
exec-timeout 0 0
script dialer gsm1
login local
modem InOut
no exec
transport input all
rxspeed 7200000
txspeed 5760000
line vty 0 4
password mmm
login
transport input all
!
scheduler max-task-time 5000
end

```

```

hidekeys
!
!
!
!
!
controller Cellular0
lte modem link-recovery rssi onset-threshold -110
lte modem link-ery monitor-timer 20
lte modem link-recovery wait-timer 10
lte modem link-recovery debounce-count 6
!
!
!
!
!
!
!
!
!
!
interface Tu
ip unnumbered Cellular0
keepalive 5 3
tunnel source Cellular0
tunnel destination 172.30.154.169
!
interface Cellular0
ip address 172.30.154.203 255.255.255.0
ip virtual-reassembly in
encapsulation slip
dialer in-band
dialer idle-timeout 0
dialer string gsm1
dialer-group 1
async mode interactive
!
interface Cellular1
no ip address
encapsulation slip
!
interface FastEthernet0
no ip address
!
interface FastEthernet1
no ip address
!
interface FastEthernet2
no ip address
!
interface FastEthernet3
no ip address
!
interface FastEthernet4
no ip address
duplex auto
speed auto
!
interface Vlan1
ip address 10.200.49.1 255.255.255.0
ip virtual-reassembly in
!
ip forward-protocol nd
ip http server
no ip http secure-server
!
!
!
ip nat inside source list 10 interface Cellular0 overload
end

```

	<pre> ip route 0.0.0.0 0.0.0.0 Tunnel19 ! dialer-list 1 protocol ip list 100 ! access-list 100 permit ip any any ! control-plane ! ! ! mgcp behavior rsip-range tgcp-only mgcp behavior comedia-role none mgcp behavior comedia-check-media-src disable mgcp behavior comedia-sdp-force disable ! mgcp profile default ! ! ! ! ! ! ! ! ! line con 0 no modem enable line aux 0 line 2 no activation-character no exec transport preferred none transport input all stopbits 1 line 3 exec-timeout 0 0 script dialer gsm1 login local modem InOexec transport input all line 8 no exec line vty 0 4 password mmm login transport input all ! scheduler max-task-time 5000 scheduler alloca00 1000 ! end </pre>
--	---

tomladenovac#show version

CISCO 881G

```

tomladenovac#show version
Cisco IOS Software, C880 Software (C880DATA-UNIVERSALK9-M),
Version 15.1(4)M3, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2011 by Cisco Systems, Inc.
Compiled Tue 06-Dec-11 22:52 by prod_rel_team

ROM: System Bootstrap, Version 12.4(22r)YB5, RELEASE SOFTWARE
(fc1)

tomladenovac uptime is 3 hours, 29 minutes
System returned to ROM by reload at 10:43:52 UTC Thu Feb 25 2016
System restarted at 10:44:27 UTC Thu Feb 25 2016
System image file is "flash:c880data-universalk9-mz.151-4.M3.bin"
Last reload type: Normal Reload
Last reload reason: Reload Command

```

CISCO 881G-4G

```

tomladenovac#show version
Cisco IOS Software, C800 Software (C800-UNIVERSALK9-M), Version
15.5(3)M, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2015 by Cisco Systems, Inc.
Compiled Wed 22-Jul-15 23:59 by prod_rel_team

ROM: System Bootstrap, Version 15.4(3r)M1, RELEASE SOFTWARE (fc1)

tomladenovac uptime is 5 minutes
System returned to ROM by reload at 14:59:30 BEOGRAD Wed Mar 2
2016
System image file is "flash:c800-universalk9-mz.SPA.155-3.M.bin"
Last reload type: Normal Reload
Last reload reason: Reload Command

```

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

Cisco 881G (MPC8300) processor (revision 1.0) with 236544K/25600K bytes of memory.
Processor board ID FCZ1605935Q

5 FastEthernet interfaces
2 terminal lines
1 Virtual Private Network (VPN) Module
1 Cellular interface
256K bytes of non-volatile configuration memory.
126000K bytes of ATA CompactFlash (Read/Write)

License Info:

License UDI:

```
-----  
Device# PID SN  
-----  
*0 CISCO881G-K9 FCZ1605935Q
```

License Information for 'c880-data'
License Level: advipservices Type: Permanent
Next reboot license Level: advipservices

Configuration register is 0x2102

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

Cisco C881G-4G-GA-K9 (revision 1.0) with 887884K/29619K bytes of memory.

Processor board ID FCZ195093SV
5 FastEthernet interfaces
3 terminal lines
1 Virtual Private Network (VPN) Module
2 Cellular interfaces
DRAM configuration is 32 bits wide
255K bytes of non-volatile configuration memory.
1000944K bytes of ATA System CompactFlash (Read/Write)

License Info:

License UDI:

```
-----  
Device# PID SN  
-----  
*1 C881G-4G-GA-K9 FCZ195093SV
```

License Information for 'c800'
License Level: advipservices Type: Default. No valid license found.
Next reboot license Level: advipservices

Configuration register is 0x2102

tomladenovac#show cellular 0 all

CISCO 881G

```
tomladenovac#show cellular 0 all  
Hardware Information  
=====  
Modem Firmware Version = K2_0_7_35AP C:/WS/FW  
Modem Firmware built = 03/04/10  
Hardware Version = 1.0  
International Mobile Subscriber Identity (IMSI) = 220322060396157  
International Mobile Equipment Identity (IMEI) = 353223046634698  
Integrated Circuit Card ID (ICCID) = 8938103000085799452  
Mobile Subscriber International Subscriber  
Identity Number (MSISDN) =  
Factory Serial Number (FSN) = C9E151209121007  
Modem Status = Online  
Current Modem Temperature = 34 deg C, State = Normal  
PRI SKU ID = 9993559, SKU Rev. = 1.2
```

Profile Information

=====
Profile 1 = ACTIVE*

PDP Type = IPv4

CISCO 881G-4G

```
tomladenovac#show cellular 0 all  
Hardware Information  
=====  
Modem Firmware Version = SWI9X15C_05.05.58.00  
Modem Firmware built = 2015/03/04 21:30:23  
Hardware Version = 1.0  
Device Model ID: MC7304  
Package Identifier ID:  
1102029_9903299_MC7304_05.05.58.00_00_Cisco_005.010_000  
International Mobile Subscriber Identity (IMSI) = 220032060396157  
International Mobile Equipment Identity (IMEI) = 352761060667004  
Integrated Circuit Card ID (ICCID) = 8938103000085799452  
Mobile Subscriber Integrated Services  
Digital Network-Number (MSISDN) =  
Current Modem Temperature = 35 deg C  
PRI SKU ID = 9903299, PRI version = 05.10, Carrier = 1
```

Profile Information

=====
Profile 1 = INACTIVE* **

PDP address = 172.30.154.203
Access Point Name (APN) = corpsrbijagasbg
Authentication = CHAP
Username: mts, Password: 064

* - Default profile

Data Connection Information

=====
Data Transmitted = 1979973 bytes, Received = 2095333 bytes
Profile 1, Packet Session Status = ACTIVE

IP address = 172.30.154.203
Negotiated QOS Parameters:
Precedence = Normal Priority, Delay = Class 4
Reliability = Unack GTP, LLC, Ack RLC, Protected data
Peak = 256 kB/sec, Mean = 50000 kB/hr
Traffic Class = Background
Uplink Max = 5760kbps, Guaranteed = Subscribed
Downlink Max = 16Mbps, Guaranteed = Subscribed
Max SDU size = 1500 bytes
SDU error ratio = 1E-4, BER = 1E-5

Profile 2, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 3, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 4, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 5, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 6, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 7, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 8, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 9, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 10, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 11, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 12, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 13, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 14, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 15, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state
Profile 16, Packet Session Status = INACTIVE
Inactivity Reason = Normal inactivate state

Network Information

=====
Current Service Status = Normal, Service Error = None
Current Service = Combined
Packet Service = UMTS/WCDMA (Attached)
Packet Session Status = Active
Current Roaming Status = Home
Network Selection Mode = Automatic
Country = SRB, Network = SCGTS
Mobile Country Code (MCC) = 220
Mobile Network Code (MNC) = 3
Location Area Code (LAC) = 21101
Routing Area Code (RAC) = 1
Cell ID = 60202
Primary Scrambling Code = 53
PLMN Selection = Automatic
Registered PLMN = , Abbreviated =
Service Provider = mt:s

PDP Type = IPv4v6
Access Point Name (APN) =
Authentication = None

* - Default profile
** - LTE attach profile

Configured default profile for active SIM 0 is profile 1.

Data Connection Information

=====
Profile 1, Packet Session Status = INACTIVE
Profile 2, Packet Session Status = INACTIVE
Profile 3, Packet Session Status = INACTIVE
Profile 4, Packet Session Status = INACTIVE
Profile 5, Packet Session Status = INACTIVE
Profile 6, Packet Session Status = INACTIVE
Profile 7, Packet Session Status = INACTIVE
Profile 8, Packet Session Status = INACTIVE
Profile 9, Packet Session Status = INACTIVE
Profile 10, Packet Session Status = INACTIVE
Profile 11, Packet Session Status = INACTIVE
Profile 12, Packet Session Status = INACTIVE
Profile 13, Packet Session Status = INACTIVE
Profile 14, Packet Session Status = INACTIVE
Profile 15, Packet Session Status = INACTIVE
Profile 16, Packet Session Status = INACTIVE

Network Information

=====
Current System Time = Wed Mar 2 13:10:57 2016
Current Service Status = Normal
Current Service = Packet switched
Current Roaming Status = Home
Network Selection Mode = Automatic
Network = MTS
Mobile Country Code (MCC) = 220
Mobile Network Code (MNC) = 3
Packet switch domain(PS) state = Attached
Location Area Code (LAC) = 21101
Cell ID = 650026

Radio Information

=====
Radio power mode = ON
Channel Number = 10638
Current Band = WCDMA 2100
Current RSSI(RSCP) = -75 dBm
Current ECIO = -6 dBm
Radio Access Technology(RAT) Preference = AUTO
Radio Access Technology(RAT) Selected = UMTS (UMTS/WCDMA)

Modem Security Information

=====
Active SIM = 0
SIM switchover attempts = 0
Card Holder Verification (CHV1) = Disabled
SIM Status = OK
SIM User Operation Required = None
Number of CHV1 Retries remaining = 3

GPS Information

=====
GPS Info

GPS Feature: enabled
GPS Port Selected: Dedicated GPS port

<pre> Radio Information ===== Radio power mode = ON Current Band = WCDMA 2100, Channel Number = 10638 Current RSSI(RSCP) = -79 dBm Band Selected = Auto Number of nearby cells = 1 Cell 1 Primary Scrambling Code = 0x35 RSCP = -76 dBm, ECIO = -14 dBm Modem Security Information ===== Card Holder Verification (CHV1) = Disabled SIM Status = OK SIM User Operation Required = None Number of CHV1 Retries remaining = 3 </pre>	<pre> GPS State: GPS disabled SMS Information ===== Incoming Message Information ----- SMS stored in modem = 12 SMS archived since boot= 0 Total SMS deleted since booting up = 0 Storage records allocated = 25 Storage records used = 12 Number of callbacks triggered by SMS = 0 Number of successful archive since booting up = 0 Number of failed archive since booting up = 0 Outgoing Message Information ----- Total SMS sent successfully = 0 Total SMS send failure = 0 Number of outgoing SMS pending = 0 Number of successful archive since booting up = 0 Number of failed archive since booting up = 0 Last Outgoing SMS Status = SUCCESS Copy-to-SIM Status = 0x0 Send-to-Network Status = 0x0 Report-Outgoing-Message-Number: Reference Number = 0 Result Code = 0x0 Diag Code = 0x0 0x0 0x0 0x0 0x0 SMS Archive URL = Error Information ===== This command is not supported on this platform. Modem Crashdump Information ===== Modem crashdump logging: off </pre>
---	--

<u>tomladenovac#show controllers cellular 0</u>	
<u>CISCO 881G</u>	<u>CISCO 881G-4G</u>
<pre> tomladenovac#show controllers cellular 0 Interface Cellular0 3G Modem-HSPA/UMTS/EDGE/GPRS-850/900/1800/1900/2100MHz / Global, Cellular modem configuration: ----- GSM-Carrier Type : Cellular GSM Global. SKU (PRI) Value: 9993559 Modem is recognized as valid manufacture id: 0x00001199 product id: 0x00006890 Sierra Wireless Express Card 501 UMTS modem. Modem Uplink Speed = 5760 kbit. Modem Downlink Speed = 7200 kbit. Modem Management Statistics ----- Modem resets = 1 Last known modem state = 'application' mode Packets sent = 90, Packets received = 17768, Packets pending = 0 WWAN LED = Fast Blinking RSSI LED = Fast Blinking GSM LED = ON GPS NMEA port = Disabled (Stream OFF) </pre>	<pre> tomladenovac#show controllers cellular 0 Interface Cellular0 4G WWAN Modem - Global (Europe & Australia) Multimode LTE/DC- HSPA+/HSPA+/HSPA/U Cellular modem configuration ===== Modem is recognized as valid manufacture id: 0x00001199 product id: 0x000068C0 Sierra Wireless Direct IP MC7304 modem Modem Uplink Speed = 9 kbit. Modem Downlink Speed = 9 kbit. GPS Feature: enabled GPS State: GPS disabled GPS Mode: unknown GPS Port selected: Dedicated GPS port Cellular Dual SIM details: ----- SIM 0 is present SIM 0 is active SIM </pre>

DM port = Disabled

Async HDLC Main Parameter (0xFF516680)

INSTNUM=0x01 INSTMASK=0x20
EXT1MSNUM=0xF8, EXT2MSNUM=0xF9, EXT3MSNUM=0x3C,
EXT4MSNUM=0x3D
INST1_BASE=0xFF5166C0, INST2_BASE=0xFF516780
Microcode Revision=0x000000AC

Async HDLC Instance (0xFF5166C0) = 0

RBASE=0x6828, TBASE=0x6C28, RBMR=0x30, TBMR=0x30, ZERO=0x01
PLAIN_RBASE=0x6A28, AHDLC_TBASE=0x6D28
PLRBPTR=0x6B00, AHTXBDPTR=0x6D78
AEMODE=0x82, C_MASK=0x0000F0B8, C_PRES=0x0000FFFF
FTTHR=0x0001, RFTTHR=0x0001, MFLR=0x07F8
TXCTL_TBL=0x00000000, RXCTL_TBL=0x00000000 ZERO1=0x0101
RFCNT=0x0000, RSTATE=0x30042000, RXRPTR=0x0F4EA608
RBPTR=0x6900, RXRCNT=0x0000, RXWPTR=0x0F4BAABC
RXWCNT=0x0000, RXWTOT=0x002C, RCRC=0x0000FFFF
RXPROCNT=0x0000, RXRDAT1=0xFD3C0000, RXRDAT2=0x0DEB457E,
RXWDAT1=0xD25018FF, RXWDAT2=0x82FD3C00
TFCNT=0x0000, TSTATE=0x30004000, TXRPTR=0x0E70CBC7
TBPTR=0x6C78, TXRCNT=0x0000, TXWPTR=0x0F604BC8
TXWCNT=0x0002, TXWTOT=0x0000, TCRC=0x0000FFFF
TDCNT=0x0003, RXRDPTR=0x66FF
RXREM=0x00, RXWDATN0=0x000DEB45 RXWDATN1=0xC7B933CD
TXTEMP=0x00, TXWDAT0=0x000D0A0F, TXWDAT1=0x9AED1900
CEEXM1=0x01FF, CEEXM2=0x01FF, CEEXM3=0x0000, CEEXM4=0x0000
CEEXE1=0x0000, CEEXE2=0x0000, CEEXE3=0x0000, CEEXE4=0x0000
CIMR=0x80102000, CIPNR=0x00000000
CRIMR=0x00C00000, CRIPNR=0x00000000
CECDR=0x00000F00 CERCR=0x08000000 CECCR=0x80000000

Async HDLC Instance (0xFF516780) = 1

RBASE=0x6E28, TBASE=0x7228, RBMR=0x30, TBMR=0x30, ZERO=0x01
PLAIN_RBASE=0x7028, AHDLC_TBASE=0x7428
PLRBPTR=0x7038, AHTXBDPTR=0x74F8
AEMODE=0x82, C_MASK=0x0000F0B8, C_PRES=0x0000FFFF
FTTHR=0x0001, RFTTHR=0x0001, MFLR=0x07F8
TXCTL_TBL=0x00000000, RXCTL_TBL=0x00000000 ZERO1=0x0101
RFCNT=0x0000, RSTATE=0x30042000, RXRPTR=0x0F39C9B8
RBPTR=0x6FF8, RXRCNT=0x0000, RXWPTR=0x0F3D7670
RXWCNT=0x0000, RXWTOT=0x001C, RCRC=0x0000FFFF
RXPROCNT=0xFFFF, RXRDAT1=0xFF00987D, RXRDAT2=0x5D577EFF,
RXWDAT1=0x00010002, RXWDAT2=0xFFFFFFFF
TFCNT=0x0000, TSTATE=0x30004000, TXRPTR=0x0F36C588
TBPTR=0x72F8, TXRCNT=0x0000, TXWPTR=0x0F3B5028
TXWCNT=0x0001, TXWTOT=0x0000, TCRC=0x0000FFFF
TDCNT=0x0006, RXRDPTR=0x67BF
RXREM=0x00, RXWDATN0=0x00987D57 RXWDATN1=0x000E0001
TXTEMP=0x00, TXWDAT0=0x00000000, TXWDAT1=0x00000100
CEEXM1=0x01FF, CEEXM2=0x01FF, CEEXM3=0x0000, CEEXM4=0x0000
CEEXE1=0x0000, CEEXE2=0x0000, CEEXE3=0x0000, CEEXE4=0x0000
CIMR=0x80102000, CIPNR=0x00000000
CRIMR=0x00C00000, CRIPNR=0x00000000
CECDR=0x00000F00 CERCR=0x08000000 CECCR=0x80000000
idb at 0x86EB1658, driver data structure at 0x86EB3650
0 input aborts on receiving flag sequence
0 throttles, 0 enables
0 overruns, 0 CRC errors
0 resource errors, 0 incomp frame errors
0 input drops
0 transmitter underruns
0 tx_abort 0 tx_reset
Framer Mode: Async-HDLC

dma channel = 0

Cellular Dual SIM register:

Dual SIM Control Register A
Dual SIM Interrupt Register 4
Dual SIM Mask Interrupt Register C6

Modem Management Statistics

Modem resets = 2
Modem timeouts = 0
Link recovery is ON

Registration check is ON
RSSI threshold value is -110 dBm
Monitor Timer value is 20 seconds
Wait Timer value is 10 seconds
Debounce Count value is 6

Last known modem state = 'application' mode
AT Command Port = /dev/ttyUSB2
NMEA Port = /dev/ttyUSB1
DM Port = /dev/ttyUSB0

DIP MDM link status retry count = 0 pdp context = 0
DIP MDM link up pending = 0 pdp context = 0
DIP MDM link status retry count = 0 pdp context = 1
DIP MDM link up pending = 0 pdp context = 1
DIP MDM link status retry count = 0 pdp context = 2
DIP MDM link up pending = 0 pdp context = 2
IDB with pending DIP call: Cellular0
IDB Cellular0: DIP profile id = 255
IDB Cellular1: DIP profile id = 255
RSSI LED : 2-blink Green
Service LED : 2-blink Green
SIM LED : Slot0 - Green
GPS LED : Off
GPS NMEA port = Disabled (Stream OFF)
DM port = Disabled

Modem Callback Statistics

PacketServiceCallback_count 0
DataBearerCallback_count 0
DormancyStatusCallback_count 0
PowerCallback_count 0
ByteTotalsCallback_count 0
iByteTotalsCallback_count 0
PacketsCountCallback_count 0
iPacketsCountCallback_count 0
ActivationStatusCallback_count 0
MobileIPStatusCallback_count 0
RoamingIndicatorCallback_count 0
DataCapabilitiesCallback_count 11
SignalStrengthCallback_count 0
iSignalStrengthCallback_count 0
RFInfoCallback_count 0
LURejectCallback_count 0
NewSMSCallback_count 0
SLQSSMSEventCallback_count 0
NMEACallback_count 0
PDSStateCallback_count 0
CATEventCallback_count 0
iCATEventCallback_count 0
DeviceStateChangeCbk_count 0
FwDIdCompletionCbk_count 0
SLQSOMADMAAlertCallback_count 0
OMADMStateCallback_count 0
SLQSServingSystemCallback_count 10
SLQSBandPreferenceCbk_count 0
USSDReleaseCallback_count 0

of resets for this channel = 0
Receive Ring
rx ring entries=64, tx ring entries=32
rxr head (27)(0xFF516900), rxr tail (27)(0xFF516900)
rx bulk complete = 33307
rx bulk started = 33339
rx bulk cancelled = 0
Plain Receive Ring
plain rx ring entries=64, tx ring entries=32
plain rxr head (27)(0xFF516B00), plain rxr tail (27)(0xFF516B00)
Transmit Ring
txr head (10)(0xFF516C78), txr tail (10)(0xFF516C78)
tx count (0), tx mci_txcount (2)
tx limited(0)
tx null packets processed by USB = 0
tx null to process by USB = 0
tx bulk complete = 30794
tx bulk started = 30794
tx bulk cancelled = 0
USB tx throttle = 0
USB tx unthrottle count = 5
USB tx shadow pak free Q depth 0
AHDLC Transmit Ring
ahdlc txr head (10)(0xFF516D78), ahdlc txr tail (0)(0xFF516D28)

dma channel = 1

of resets for this channel = 0
Receive Ring
rx ring entries=64, tx ring entries=64
rxr head (58)(0xFF516FF8), rxr tail (58)(0xFF516FF8)
rx bulk complete = 17786
rx bulk started = 17790
rx bulk cancelled = 0
throttle flag = 0, throttle val = (0x00000000)
rx outstanding count = 0
17794 packet inputs
0 input aborts on receiving flag sequence
0 throttles
0 overruns, 0 CRC errors
0 input drops
0 input errors
180 packet outputs
0 transmitter underruns
0 transmitter output drops
Plain Receive Ring
plain rx ring entries=64, tx ring entries=64
plain rxr head (2)(0xFF517038), plain rxr tail (2)(0xFF517038)
Transmit Ring
txr head (26)(0xFF5172F8), txr tail (26)(0xFF5172F8)
tx count (0), tx mci_txcount (2)
tx limited(0)
tx null packets processed by USB = 0
tx null to process by USB = 0
tx bulk complete = 90
tx bulk started = 90
tx bulk cancelled = 0
USB tx throttle = 0
USB tx unthrottle count = 0
USB tx shadow pak free Q depth 0
AHDLC Transmit Ring
a
hdlc txr head (26)(0xFF5174F8), ahdlc txr tail (0)(0xFF517428)

USSDNotificationCallback_count 0
SLQSSignalStrengthsCallback_count 0
iSLQSSignalStrengthsCallback_count 0
SLQSSDKTerminatedCallback_count 0
SLQSTransLayerInfoCallback_count 0
SLQSTransNWRegInfoCallback_count 0
SLQSSysSelectionPrefCallBack_count 0
NotifySessionStateDisconnect_count 0
WdsEventCallback_count 4
HeartbeatModemStatisticsCallback_count 81

0 input aborts on receiving flag sequence
0 throttles, 0 enables
0 overruns, 0 CRC errors
0 resource errors, 0 incomp frame errors
0 input drops
0 transmitter underruns

Cellular UBOOT F/W Info

=====
UBOOT Version = 2.0
UBOOT Build Date = Sep 21 2014

C800 Cellular Linux F/W Info

=====

Linux Kernel:

Firmware Build Date = Apr 30 2015
Firmware Version = 2.0

Linux Rootfs:

Firmware Build Date = Apr 30 2015
Firmware Version = 2.0

The Current Modem SDK Version is 03.03.04.02
Modem USB-Serial Driver Version is GobiSerial 2015-01-12/SWI_2.20.1
Modem USB-Net Driver Version is GobiNet 2015-01-12/SWI_2.27.3P

Cellular Statistics

=====

IPC Counters

IPC Tx :404 IPC Rx AT commands :1
IPC Tx without Ack :401 IPC Rx Mgmt & API :528
IPC Tx with Ack :3 :
IPC Tx Err Invalid Sig :0 :
IPC Tx Err Q full :0 :
IPC Tx Err Q null pak :0 :
IPC Tx Err Q null bool :0 :
IPC Tx Err Bool Create fl:0 :
IPC Tx Err Ack Fail :0 :
IPC Tx Pending :0 :
IPC Buffers in Use :257 :

Data Counters

Data Tx Packets :183 Data Rx Packets :0
Data Tx Bytes :8784 Data Rx Bytes :0

Host Data Statistics from Linux

Statistics for PDN 0:

Data Tx Packets :0 Data Rx Packets :0
IP pkts dropped :175

Statistics for PDN 1:

Data Tx Packets :0 Data Rx Packets :0
IP pkts dropped :0

	MCC per channel information (MAX 9) Core 0 Channel Bitmaps: IOS: Tx Data Ready Bitmap 0x0, Tx Complete Bitmap 0x1FF