



**Human Performance Attachment**  
**Driver Cellular Telephone Records**  
**Crozet, VA**  
**HWY18MH005**  
(14 pages)

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# Voice Calls



## Historical Call Detail Explanation Form

<u>Network Element</u>	<u>Mobile Directory #</u>	<u>Dialed Digit</u>	<u>Call Direction</u>	<u>Seizure Date Time</u>	<u>Seizure Duration</u>	<u>Calling Party Number</u>
This is the switching equipment that transacted the call. A switch is named by the basic geographic area it covers. Switches route calls for hundreds of cell sites.	The billed subscriber's Mobile Directory Number (MDN)	This is the number dialed to initiate the call. For inbound calls this number will be the same as the Mobile Directory Number column and for outbound calls this is the number your target dialed.	This is the type of call, e.g. inbound, outbound, or voicemail.	This is the exact date and time of the start of each call	This is the duration of the call in seconds	This is the calling party that initiated the call. If the call is outbound this column will be the same as the Mobile Directory Number. If the call is inbound, this is the number that dialed your target.
			Inbound calls display the following numbers: 0 & 6. Calls to voicemail or mobile forwarded calls display the letter "F."			
			Outbound calls display the following numbers: 1 & 3			
			Mobile to Mobile calls display the number 2.			
			Any other letter or number is a routing or unknown call type and does not detail actual transactional data for a completed call. Subscriber information is not available for routing numbers.			

When the #s in the Mobile Directory Number column, Dialed Digit column and the Calling Party Number column are all different, then you are looking at a routing #. The Routing # will appear in the Dialed Digit column. (All three numbers are different)

If you see your target # in the Mobile Directory Number column, the Dialed Digit column and the Calling Party Number column, then you are looking at your target checking his/her voicemail. (All three numbers are the same)

- \*86 is voicemail retrieval
- #225 is checking account balance
- #646 is checking minutes
- #777 is data/web services
- #738 is prepaid voicemail retrieval
- #729 is adding minutes for prepaid
- \*67 Activates Selective Caller ID Block
- \*82 Deactivates Selective Caller ID Blocking

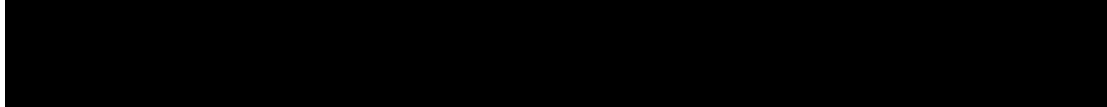
Network Element Name	Mobile Directory Number	Dialed Digit Number	Call Direction	Seizure Dt Tm	Seizure Duration	Calling Party Number
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	5	1/29/2018 11:40	39	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	5	1/29/2018 11:55	32	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	5	1/30/2018 10:44	33	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	1/30/2018 18:07	36	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	5	1/31/2018 11:45	38	[REDACTED]

# **Text/SMS Messages**



## Historical SMS (Text Message) Detail Report Explanation Form

NET_ELEM_NM	SWITCH_TYPE_IND	MDN	MSG_SND_DT_TM	MSG_DLVR_DT_TM	MSG_CMLPN_STAT	ORIG_ADDR	DEST_ADDR	MSG_DIRN_IND	MIN
This is the text message platform that processed the text message.	Indicates one of two switch types - M or L. This is used to determine the MSG_CMLPN_STAT codes.	This is your Target #.	This is the Date & Time that the text message was sent.	This is the Date & Time when the text message was delivered.	Message completion status indicator.  01=delivered  *additional codes below	This is the message sender.	This is the recipient of the message.	This is the direction of the text message.  1=Incoming, 2=Outgoing 3=Incoming, 4=Outgoing	The MIN is the unique identifier the network(s) uses to route traffic for a device/MDN. It is not always the same as the MDN.



\*Additional MSG\_CMLPN\_STAT codes

Switch type "M"	Switch type "L"
01 = delivered	01 = delivered
02 = expired	05 = deleted/manually deleted
03 = network service denied	07 = undeliverable
04 = invalid subscriber on switch	08 = expired
05 = denied subscriber on switch	09 = unknown (pending, status, other)
06 = invalid subscriber on MR	
07 = subscriber short message buffer full	
08 = message cancelled	
09 = message replaced	
0A = outside cdma coverage	
0B = subscriber deactivated	
0C = alternate page delivery attempted	
0D = alternate page delivery failed	





[REDACTED]

[REDACTED]

[REDACTED]

1/30/2018 12:22

[REDACTED]

1/30/2018 12:22

[REDACTED]

1

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

0

[Redacted text block]

[Redacted text block]

[Redacted text block]

1/30/2018 20:00

[Redacted text block]

1/30/2018 20:00

[Redacted text block]

1

[Redacted text block]

[Redacted text block]

[Redacted text block]

[Redacted text block]

0

0

# **VoLTE Calls**



## VOLTE Call Detail Explanation Form

Record Open Date/Time	Record Open Dt/Tm(GMT)	DIR	MSISDN	Called #	CPN	SOU	RAT	VICE / Endpoints	VZWNE (Network Extender) / V4B
Start Time of the call (local time)	Start Time of the call (GMT)	MO = Outbound Call MT = Incoming Call MF = Mobile Forwarding	This is your target #	This is the number dialed to initiate the call. For inbound calls this number will be the same as the Mobile Directory Number (MSISDN) column and for outbound calls this is the number your target dialed.	This is the calling party that initiated the call. If the call is outbound this column will be the same as the Mobile Directory Number (MSISDN). If the call is inbound, this is the number that dialed your target.	Call Duration in Seconds (Seconds of Use)	Radio Access Terminal (1x = 3g Voice, LTE = 4g Voice, Wifi = 4g Voice over Wifi)	VoLTE Internet Connected Endpoints Indicator. Displays 'N/A' for Wi-Fi calling records	Indicates if the call processed through a network extender device or is using the Verizon for Business service.

- \*86 is voicemail retrieval**
- #225 is checking account balance**
- #646 is checking minutes**
- #777 is data/web services**
- #738 is prepaid voicemail retrieval**
- #729 is adding minutes for prepaid**
- \*67 Activates Selective Caller ID Block**
- \*82 Deactivates Selective Caller ID Blocking**



[REDACTED]

[REDACTED]  
01/31/2018 07:11:33 (GMT - 5 )  
[REDACTED]

[REDACTED]  
1/31/2018 12:11  
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]