

Packet IDs Shown in Net7000 screens and Subscriber Monitor Modes

Acronym	Abbreviated	Full name	Description
Category 1 : Protocol Control / Universal			
P_ACK	Packet ACKed	Packet Acknowledged	Packet received OK acknowledgment
P_NAK	Packet Not ACKed	Packet Not Acknowledged	Packet not acknowledged
P_REJ	Packet Rejected	Packet Rejected	Packet received OK, unit can't accept msg
P_RNR	Rcvr Not Ready	Receiver Not Ready	Receiver not ready at this time
P_RR	Rcvr Ready	Receiver Ready	Receiver ready
P_REQR	Pkt Request Reply	Packet Request Reply	Request for replies (RR)
P_RNIS	Rcvr Not In Service	Receiver Not In Service	Receiver not in service til further notice
P_EXT	?	?	Extended format, command contained in data
Category 2 : Data message types from TNC (usually Subscriber)			
D_ALARM	Alarm	Alarm	Alarm transmission
D_STAT	Status	Status	Full status transmission
D_CHKIN	Unit Check In	Unit Check In	supervisory check-in message
D_DATA	Data	Data	Encapsulated data packet, defined elsewhere
D_HPBU	HPB Upload	Host Parm Block Upload	Response to Host parameter block UL request
D_TDATA	Time Stamped Data	Time Stamped Data	Encapsulated Data with Time Stamp (formally F_CODE)
F_CODE	Time Stamped Data	Time Stamped Data	Encapsulated Data with Time Stamp (now D_TDATA)
D_TEST	Test	Test	Test message
D_ZREST	Zone Restoral	Zone Restoral	Zone Restoral transmission
D_ZDATA	Zone Trouble	Zone Trouble	Non Alarm zone data or Trouble data
D_VLS	Vehicle Location Sys	Vehicle Location Sys	VLS report
D_ASCII	Text Data	Text Data	ASCII text message
D_COMF	Data confirmation	Data confirmation	End to End confirmation/reception receipt
D_RFAIL	Route Failed	Route Failed	Route failed
D_SIC	Optex-Morse	Optex-Morse	Security Interface Code packet
D_TAP	IntelliTap	IntelliTap	IntelliTap message
D_EXT	?	?	Extended data packet, PID contained in data
Category 3 : Host (usually Controller or Central Station Receiver) to TNC (usually Subscriber) commands			
H_POLL	Sub Poll	Subscriber Poll	Force TNC to send current status
H_TPOLL	Sub Poll+Routing	Subscriber Poll+Routing	../ with return routing trace
H_TXOFF	Sub Tx Off	Subscriber Tx Off	Shut down TNC transmitter w/o confirm
H_TXON	Sub Tx On	Subscriber Tx On	Turn on TNC transmitter w/confirm
H_RESET	Sub Reset	Subscriber Reset	Force TNC reset/power-up sequence
H_RPBU	Sub Requests PBU	Sub Requests PBU	Request to send parameter block to Controller
H_PBU	Sub Parms Upload	Subscriber Requests PBU	Parameter block upload
H_TRON	Sub Trace On	Subscriber Trace On	Force TNC to include trace on packets sent

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H_TROFF	Sub Trace Off	Subscriber Trace Off	Clear TRON mode
H_VLS	GPS Zone Prog	GPS Zone Prog	VLS Geographic Zone
H_VEND	?	Host to VIU	Script File to configure VIU
H_EXT	?	?	Extended format, command contained in data

Category 4 : Host (usually Controller or Central Station Receiver) commands to remote equipment via TNC (usually Subscriber)

R_VEND		Host to Vender	Configure VMC (vending machine)
R_VLSC	?	?	VLS receiver control commands
R_ALMA	Alarm Retransmission	Alarm Retransmission	Alarm Automation Retransmission signal
D2_PVEN	?	?	Parameter Block from Vending Subscribers
R_EXT	Extended Format	Extended Format	extended format, command contained in data

The following Packet Types have never been used. They exist in the program code and are included here in the event they appear.

P_ACKP P_COMF P_RPBU P_PBU P_RSTAT R_ARM R_DIS

Abbreviations

ACKed	Acknowledged
GPS	Global Positioning System
HPB	Host Parameter Block
Msg	Message
Param	Parameter
Params	Parameters
PBU	Parameter Block Upload
PID	Packet IDentification
Pkt	Packet
Prog	Program or Programming
Rx	Receiver or Receive
Sub	Subscriber
Sys	System
TNC	Terminal Node Controller (usually a Subscriber)
Tx	Transmitter or Transmit
UL	Underwriter Laboratories
VIU	Vending Interface Unit
VMC	Vending Machine
VLS	Vehicle Location System

Abbreviations