

Status	Command	Description	Argument	Comment
slcan original				
OK	S	Set Baudrate	Baud rate selection number	
OK	s	Set baudrate (by bit time)	Timeseg1 Timeseg2	20MHz clock.
OK	O	Open in Normal Mode	none	
OK	L	Open in Listen Mode	none	
OK	C	Close channel	none	
OK	t	Trasmit standard DATA	ID DLC DATA	
OK	T	Transmit extended DATA	ID DLC DATA	
OK	r	Transmit standard RTR	ID DLC	
OK	R	Transmit extended RTR	ID DLC	
NO	P	Single poll of incoming FIFO for CAN Frames		Obsolete
NO	A	All-frames poll of incoming FIFO for CAN Frames		Obsolete
OK	F	Read Status Flags	none	Arbitration lost detection not supported. NOT RECOMMENDED, USE E INSTEAD.
NO	X	Sets Auto Poll/Send ON/OFF		Obsolete
OK	W	Set filter mode (Single/Dual)	Mode	Single mode default (NOT dual)
OK	M	Set Acceptance Code Register	Filter	
OK	m	Set Acceptance Mask Register	Mask	
NO	U	Setup UART baud rate		Obsolete
OK	V	Get Version (HW/SW)	none	Longer than 4 bytes
OK	N	Get Serial Number	none	
OK	Z	Set Timestamp ON/OFF	none	Timestamp frequency must be defined separately.
NO	Q	Auto Startup feature		
RAMN specific				
OK	#	Enter user-friendly Command Line Interface (CLI)	none	Enables linux-like CLI. Supports backspace.
OK	b	Quit the user-friendly CLI (if active)	none	Command will just return ACK if user-friendly CLI is not active.
OK	l (L)	Open in "restricted" mode	none	In restricted mode, Will ack but not possible to send messages (?)
OK	E	Read error and protocol flags	none	Will return all STM32 FDCAN Controller errors
OK	a	Enable auto retransmission	0/1	Enable automatic retransmission of messages
OK	q	Get FIFOs (queue) state	none	Return status of TX and RX FIFO, CAN TX and CAN RX stream buffers, and USB buffer
OK	e	Enable edge filtering	0/1	Enable edge filtering
OK	i	Enable ISO mode	0/1	Enable ISO mode
OK	g	Enable TX Compensation	0/1	Enable TX Compensation
OK	f	Frame mode	0/1/2	0: classic, 1:FD not bit switching, 2: FD bit switching
OK	k	Sets Nominal bitrate properties	20MHz reference. 16-bit Nominal Prescaler 8-bit Nominal Timeseg1 8-bit Nominal Timeseg2	
OK	K	Sets Data bitrate properties	20MHz reference. 8-bit Data Prescaler 8-bit Data Timeseg1 8-bit Data Timeseg2	
OK	j	Get Random Byte	none	For RNG verification
OK	J	Get Random Integer	none	For RNG verification
OK	H	Display Help	none	

OK	h	Display Help	none	
OK	d	Enable Debug logs	0/1	GW will output some debug messages on the USB serial (starting with "d " prefix)
OK	I (capital i)	Show Message TX/RX statistics	none	Can be used to detect buffer overrun and transmit fails
OK	!	Forward error messages	0/1	If an error is detected, the "E" and "q" commands will be sent automatically
OK	DzZ	restart in DFU Mode	none	
OK	p	Program ECU (Hardware Bootloader Mode	B/C/D	must be followed by "RESET" when done
OK	n	Leave programming mode (resets all ECUs)		
OK	0	Prefix for FD frames with BRS OFF	Must be followed by CAN command	0t would send data in FD mode, WITHOUT BRS
OK	1	Prefix for FD frames with BRS ON	Must be followed by CAN command	0t would send data in FD mode, WITH BRS
OK	v	Enable/Disable inclusion of "ESI" bit in frame	0/1	Default not included. When active, If ESI flag is set, an "I" will be added at the very end of message
OK	c	Enable/Disable Connection to computer	0/1	Closes slcan if opened (can be reopened separately)
OK	u	Update Car simulation values	cf script	cf script
OK	y	Turn on/OFF one ECU	B/C/D 0/1	
OK	Y	Turn ON/OFF all ECUs	0/1	
OK	?	same as V		
OK	x	Return ECU A Hardware Unique ID		
OK	w	Apply CAN changes without opening slcan		This can be used to update ECU A CAN settings (filter, etc.) without calling the 'O' command
OK	%	send message to USB ISO-TP module	%[12-bit msg size][msg]	e.g. %0021002 to send the payload 1002 (hexadecimal)