Out from Pod Message Types (Sent by modules to Dash)				16-bit numbers a	-bit numbers appear twice, first instance is MSB, second is LSB				
All possible message types  Message Type  NOT A VALID MESSAGE	Data enum (assigned la	Length in Bytes		Byte 2	Byte 3	Btye 4	Byte 5	Byte 6	Byte 7
HEARTBEAT	1			FAULT	prev_state	state	next state		
PING_TO	2	0	_				_		
PING_BACK	3	7	SOFTWARE VE	SOFTWARE VE	SOFTWARE VE	SOFTWARE_VE	SOFTWARE VE	SOFTWARE VE	\0'
SOFTWARE_VER	4		v'	X'		X'		X'	\0'
FAULT	5			FAULT	prev_state	state	next_state		
MODULE_STARTUP	6	0			p.or_otato	otato	non_otato		
VNM.pos	7		Pos_x	Pos_x	Pos_y	Pos_y	Pos_z	Pos_z	
	8		_	_			_	_	
VNM.vel			Vel_x	Vel_x	Vel_y	Vel_y	Vel_z	Vel_z	
VNM.acc	9		Acc_x	Acc_x	Acc_y	Acc_y	Acc_z	Acc_z	
VNM.att	10		Pitch	Pitch	Roll	Roll	Yaw	Yaw	
VNM.stripCount	11	6	MAIN_STRIP	MAIN_STRIP	WHICH_SENSO	)			
VNM.stripLost	12	1	STRIP_DETECT						
VSM.temp1	13	6	T_cabin	T_cabin	T_WCM	T_WCM	T_12V1	T_12V1	
VSM.temp2	14	4	T_HV1	T_HV1	T_HV1	T_HV2			
VSM.Edata	15	7	T_cabin	T_12V1	T_12V2	Door_1	Door_2	P_tube	P_tube
VSM_DOOR_STATE	16		LEFT_STATE	RIGHT STATE	_	PREV_RDS	_	_	_
BCM.brakeState	17			_	<del>-</del>	Brake_PWM4_ir	Air system	Pressure_1	Pressure 2
BCM.brakeSpeed1	18		Brake 1 spd	Brake_1_spd	Brake_2_spd	Brake_2_spd	0,0.0.11		
•									
BCM.brakeSpeed2	19		Brake_3_spd	Brake_3_spd	Brake_4_spd	Brake_4_spd			
MCM.kellyState	20		Kelly_1	Kelly_2	Kelly_3	Kelly_4			
MCM.cmdV	21		HB_cmdV	HB_cmdV					
MCM.hbSpeed1	22		HB1_spd	HB1_spd	HB2_spd	HB2_spd			
MCM.hbSpeed2	23	4	HB3_spd	HB3_spd	HB4_spd	HB4_spd			
Out from Dash Message Ty	ypes (Sent by Dash or NU	JC to Pod)							
Message Type	Data enum (assigned la		Btve 1	Byte 2	Byte 3	Btye 4	Byte 5	Byte 6	Byte 7
ENTER_STATE	24		state	_,	_,	_,,	_,	_,	
Dash.VNM.PosIndexReset	25		Pos_x	Pos_x	Pos_y	Pos_y	Pos_z	Pos_z	
			_	1 03_X	1 03_y	1 03_y	1 03_2	1 03_2	
Dash.BCM.AirActuate	26		Air_actuate						
Dash.BCM.BrakeActuate	27			Brake_actuate_2	2 Brake_actuate_	3 Brake_actuate_4	1		
Dash.BCM.ABS_state	28		ABS_state						
Dash.MCM.spinWheels	29	2	16 bit upper	16 bit lower					
Dash.VSM.contactor	30	1	Contactor_CMD						
BMS OUTPUTS									
BMS.pack_current_voltage	31		Pack Summed V			TP ADC	Pack Current	Pack Current	Populated Cells
BMS.cell_voltage	32	6	Low Cell Voltage	Low Cell Voltage	e Low Cell Voltage	e High Cell Voltage	High Cell Voltage	High Cell Voltage	
BMS.Temp	33					Low Thermistor		Fan Voltage	
Bms.Resistance	34	6	Low Internal Res	IN USE	Low Cell Resista	High Internal Re	IN USE	High Cell Resista	
BMS.relay	35		Relay Status					i i gir oʻzir i i oʻzi	
z.me.re.ay			. totaly otaliao						
40 / A L L I I I I I									
#VALUE!									

#VALUE!					
#VALUE!					
#VALUE!					
#VALUE!					
ENTER_STATE					
Dash.VNM.PosIndexReset					
Dash.BCM.AirActuate					
Dash.BCM.BrakeActuate					
Dash.BCM.AirActuate					
Dash.VSM.contactor					