Not sure what this is.

Sync	Address	Addr (Hex)	Byte 0	Byte 1	Byte 2	Byte 3	Byte 4	Byte 5	Byte 6	Byte 7	Byte 8	Byte 9	Byte 10	Byte 11
0xAA	0	00	MTPAAngle	HALL position	Gear/Roll	Follow		RPM	Motor Error Flags	Bit 7 = Brake		Iqout	Ide	sut
OxAA	1	01	Voltage (1	00mV steps)	Curre	ent	ModRatio? Some Thr data? 0-70 hex	Workstat		lqin		Idin	Thro	ottle
0xAA	2	02												
0xAA	3	03	Zero	Phase A	Zero Ph	ase C								
0xAA	4	04	Bit 0-1 = Thr Mode, Bit 2-3 = WeakChar	•	MOS temp (deg C)				Line Curre	ent Coefficient	Te	mp Coeff		
0xAA	5	05						Never seen	any messages with this address					
0xAA	6	06	Motor Limit Coeff 500 rpm	Motor Limit Coeff 1000 rpm	Motor Limit Coeff 1500 rpm	Motor Limit Coeff 2000 rpm	Motor Limit Coeff 2500 rpm	Motor Limit Coeff 3000 rpm	Motor Limit Coeff 3500 rpm	Motor Limit Coeff 4000 rpm	Motor Limit Coeff 4500 rpm	Motor Limit Coeff 5000 rpm	Motor Limit Coeff 5500 rpm	Motor Limit Coeff 6000 rpm
0xAA	7	07	Motor Limit Coeff 6500 rpm	Motor Limit Coeff 7000 rpm	Motor Limit Coeff 7500 rpm	Motor Limit Coeff 8000 rpm	Motor Limit Coeff 8500 rpm	Motor Limit Coeff 9000 rpm		CAN Bus #	Speed	o Analog RPM	PID AN	PID LM
0xAA	8	08										Bit 0 - MotorDir		
0xAA	9	09					Max	Speed (rpm)	Mid Spe	ed Max (rpm)		ACCStep	Bit 6= ! MOE, MonitorWay in bits 0-2 and 7	Bit 1-3 = WeakResp, Bit 5-7 = Backthrottle
0xAA	10	0.A	4 times Ma	x Line Current				Rated Power (100W steps)	4 times Ma	x Phase Current	Changes with RatedVoltage	PID SpeedSKI	Throttle LOW (50mV steps)	Throttle HIGH (50mV steps)
0xAA	11	OB	OV Protect		OV Restore		LowVoIProt (100mV steps)		LowValRestore (100mV steps)		4 times StopBack Current		4 times MaxBack Current	
0xAA	12	OC.			ECOAccRatio low 4 bits	PID StartKI	PID MidKI	PID MaxKI	PID StartKP	PID MidKP	PID MaxKP		Time???	
0xAA	13	00	motor temp (deg C)		Throttle ADC Re	ading, 12 bits		Battery Capacity (Ah)	Bit 0-2 = Brake Config	Bit 0-2 = PC13 config			Back 5	Speed
0xAA	14	0E			Temp Detect/Sensortype							Bit 0-2 = Park, Bit 3 =?, Bit 4-7 = SpeedPulse	Low Speed	Max (rpm)
0xAA	15	OF				Bit 0=OverTempMot		Bit 1 - MotorDir	something with default gear setting	bit 2 = reverse				something with gear setting
0xAA	16	10												
0xAA	17	11	something related to reverse/gear and the setting of MaxPhase Current											
0xAA	18	12						LowSpeedLineRatio (0x80 == 100%)	MidSpeedLineRatio (0x80 == 100%)	LowSpeedPhaseRatio (0x80 == 100%	5) MidSpeedPhaseRatio (0x80 == 100%)			
0xAA	19	13												
0xAA	20	14												
0xAA	21	15							Bit 0-5 = Morsecode					
0xAA	22	16	EREG 500 RPM in %	EREG 1000 RPM in %	EREG 1500 RPM in %	EREG 2000 RPM in %	EREG 2500 RPM in %	EREG 3000 RPM in %	EREG 3500 RPM in %	EREG 4000 RPM in %	EREG 4500 RPM in %	EREG 5000 RPM in %	EREG 5500 RPM in %	EREG 6000 RPM in %
0xAA	23	17	EREG 6500 RPM in %	EREG 7000 RPM in %	EREG 7500 RPM in %	EREG 8000 RPM in %	EREG 8500 RPM in %	EREG 9000 RPM in %					FreeThrottle	

Verified field by debugging my controller $NOTE: This is decoded with a ND96530_23_ARG15, that was reflashed with ND72530_23_ARA17, as original firmware was lost. \\$ Field with verified bits, but there may be more Field where functionality is not understood Field titles from other sources, thas has not been verified Unknown field This might affect some of the values According to other docs, this should be a 16 bit field with motor error codes. However, these doesn't match Definitely some currents here. The field names are from another source Bit 6 = regen?????? follow enabled I never get anything else than zero here. Bit 5 = Direction Forward
Bit 4 = Rolling
Bit 2-3 = Gear, 00=high, 11=mid, 10=low, (00=Disabled)
Bit 0-1 = Gear, 10=Reverse, 01=Forward, 00=Neutral follow dis EABS when brake EABS when release Field 1.0, 1.6, 11.8 and 11.10
The actual current is 1/4 of the value in the field Field 5.5 - 5.8 Max value here is 0x80, which corresponds to 100%. 17.0 - 17.1

This field is related to the setting of Max Phase Current.

But also, on the setting of the default Gear Setting. 10.8
Related to the setting of Rated Voltage.

Max Phase Current	Field value	Rated Voltage	Field val
20	195	40	100
30	292	50	100
40	390	55	80
50	488	60	57
60	585	65	15
70	683	70	0
80	781		
90	878		
100	976		