CHANNELS CONFIGURATIONS

Channels coming from Logger SDL						
Channel name	**Short Name**	**Key Protection**	**Hz.**	**Unit**	**Description**	**Notes**
Pintake	PINT		1000	bar	Pressure upstream of intake system	Connected to Channel 1 ALWAYS
Pmanifold / 1	PMAF		1000	bar	Pressure supercharging / NA (left)	Connected to Channel 2 ALWAYS
Pmanifold 2	PMA2		1000	bar	Pressure supercharging/NA (right)	Connected to Channel 3 ALWAYS
InlineAcc	InlA		50	g 0.01	Inline Accelerometer (X)	Default AIM Configuration
LateralAcc	LatA		50	g 0.01	Lateral Accelerometer (Y)	Default AIM Configuration
VerticalAcc	VerA		50	g 0.01	Vertical Accelerometer (Z)	Default AIM Configuration
RollRate	Roll		50	deg/s 0.1	Roll Gyro (X)	Default AIM Configuration
PitchRate	Ptch		50	deg/s 0.1	Pitch Gyro (Y)	Default AIM Configuration
YawRate	YawR		50	deg/s 0.1	Yaw Gyro (Z)	Default AIM Configuration
GPS PosAccuracy	Pacc		10	mm	Accuracy GPS position	Default AIM Configuration
GPS Speed	Spd		10	km/h 0.1	GPS Speed	Default AIM Configuration
Altitude	Alt		10	m	Altitude	Default AIM Configuration
Odometer	OdD		1	km 0.1	Odometer	Default AIM Configuration

Channels coming from Team ECU						
Channel name	**Short Name**	**Key Protection**	**Hz.**	**Unit**	**Description**	**Notes**
Engine RPM	RPM		100	rpm	Engine Revs	
ECT	ECT		10	°C .1	Water Temperature	
Ambient Pressure	PAMB		100	mBar	Barometric Pressure	
Pedal Position	PPS		50	% .1	Throttle Pedal	
Gear	GEAR		50	#	Gear	
TPS	TPS		50	% .1	Engine Throttle (left)	
TPS 2	TPS2		50	% .1	Engine Throttle (right)	If applicable
Brake Switch	BRKS		50	#	Brake Switch	
Brake Front	BRKF		50	bar	Brake Pressure Front	
Brake Rear	BRKR		50	bar	Brake Pressure Rear	
Cluctch Pedal	CLHP		50	% .1	Clutch Paddle Position	Clutch pedal or paddle position
Steering Pos	SWP		50	deg .1	Steering angle	
Speed Vehicle	SPDV		50	km/h	Speed Vehicle	
Wheel Speed FL	WSFL		50	km/h	Speed Front Left	
Wheel Speed FR	WSFR		50	km/h	Speed Front Right	
Wheel Speed RL	WSRL		50	km/h	Speed Rear Left	
Wheel Speed RR	WSRR		50	km/h	Speed Rear Right	
Lambda L	LMDL		50	Λ .001	Lambda left	
Lambda R	LMDR		50	Λ .001	Lambda right	
Driver Torque	DRVT	X	50	%	Torque request Driver	
DSRD Torque	DSRD	X	50	Nm	Torque out put engine with out torque reduction	Constructed number in Nm
Engine Torque	ETRQ	X	50	Nm	actual torque output engine	Constructed number in Nm
Engine Load	LOAD	X	50	#	Engine Load	
CAM IN	CAMI	X	50	deg .1	CAM in (left)	For any variable intake system, if applicable
CAM IN 2	CAI2	X	50	deg .1	CAM in (right)	For any variable intake system, if applicable
CAM OUT	CAMO	X	50	deg .1	CAM out (left)	For any variable intake system, if applicable
CAM OUT 2	CAO2	X	50	deg .1	CAM out (right)	For any variable intake system, if applicable
Mapping	MAPP		10	#	Engine mixture mapping	
Ignition Advance	IADV	X	50	deg .1	Ignition Advance	
Fuel Temperature	FTMP		10	°C .1	Fuel Temperature	
Fuel Pressure	FPRS		50	bar .1	Fuel Pressure	
Injection Quant	IQTY	X	50	mg	Injection Quantity	
Injection Time	INJT	X	50	ms	Injection Time (left)	
Injection Time 2	INT2	X	50	ms	Injection Time (right)	
TC IN	TCIN		50	#	Status for Traction Control activity	
LC Button	LCBT		20	#	Launch Control/Rev Limiter-Button	
Intake Temp	TINT		10	°C .1	Temperature upstream of intake system (left)	
Intake Temp 2	TIN2		10	°C .1	Temperature upstream of intake system (right)	
Intake Pres	PIEC		100	mBar	Pressure upstream of intake system (left)	
Intake Pres 2	PIE2		100	mBar	Pressure upstream of intake system (right)	
Manifold Temp	TMAF		10	°C .1	Temperature inside the intake manifold (left)	
Manifold Temp 2	TMA2		10	°C .1	Temperature inside the intake manifold (right)	If applicable
Manifold Pres	PMEC		100	mBar	Pressure supercharging/NA (left)	One sensor per airbox
Manifold Pres 2	PME2		100	mBar	Pressure supercharging/NA (right)	One sensor per airbox
Rail Pressure	PRAI		50	mBar	Rail pressure (left)	
Rail Pressure 2	PRA2		50	mBar	Rail pressure (right)	
Fuel Cosumption	FCON		50	l .01	Fuel Consumption	Cumulative fuel used