

1. Available firmware, archives and documentation

Available versions of ECU list

ECU list-5.8.idc
ECU list-5.8.igc
ECU list-5.8.iwe
ECU list-5.8.nca
ECU list-5.8.dnc

version 5.8 can be imported into GenConfig / LiteEdit / DriveConfig as a standard firmware package. It must be used with following versions of ComAp PC software:

- GenConfig 2.6 or higher
- DriveConfig 2.9 or higher
- LiteEdit 4.6 or higher
- NanoEdit 1.1 or higher
- DriveEdit 1.1 or higher
- ECUDiag 1.1 or higher

and controller's firmware:

- InteliGen^{NT} or InteliSys^{NT} 2.6 or higher
- InteliDrive DCU Industrial 2.9 or higher InteliDrive Marine 2.1 or higher
- InteliDrive Mobile 1.6 or higher
- InteliDrive Lite 1.7 or higher
- InteliLite^{NT} 2.0 or higher
- InteliCompact^{NT} 1.5 or higher
- InteliDrive Nano 1.4
- InteliNano^{NT} 1.4 or higher

Documentation

PDF files	Description
ComAp Electronic Engines Support 05-2013.pdf	Complete list of values and diagnostic codes transmitted to/from ECU together with recommended configuration and wiring. Related to the ECU list version 5.8.

ECU list contains:

ESL file	Dedicated controller
ECU list - Allspeed.esl	InteliDrive DCU InteliDrive Lite InteliDrive Mobile InteliDrive Mobile-Logger
ECU list - DriveNano.esl	InteliDrive Nano
ECU list - Gensets.esl	InteliGen ^{NT} InteliSys ^{NT}
ECU list - InteliLite.esl	InteliLite ^{NI} InteliCompact ^{NT}
ECU list - InteliNano.esl	InteliNano ^{NI}

ESC file	Version	Description
AllisonJ1939.esl	1.0	Allison transmission
CAT_EMCP3.esl	1.7	Caterpillar engines equipped with ADEM engine control unit and EMCP 3.x or 4.x control panel
CATJ1939.esl	2.1	Caterpillar engines with ADEM engine control unit (J1939 CAN data link)
CumminsCM2250.esl	1.5	For Cummins Tier4 industrial engines with CM2250
CumminsCM500.esl	1.4	Cummins engine with CM500 engine control unit
CumminsCM558.esl	1.9	Cummins gas engines with CM558 unit
CumminsCM570.esl	2.2	Cummins QSM11 engines with CM570 unit
CumminsCM800.esl	1.4	Cummins engine with CM800 engine control unit
CumminsCM850.esl	2.1	Cummins QSB5/7, QSL9 and QSK50/60 Tier II engines with CM850 unit
CumminsMODBUS.esl	2.7	Cummins MODBUS interface engines
CumminsPGI1_1.esl	1.6	Cummins Power Generation Interface 1.1 - QSB7 and QSL9 with CM2250; QSK50/60, 19, 38 with CM2150; QSB5, QSB7, QSL9, QSM11 with CM850
DaimlerChryslerADM2.esl	1.8	DaimlerChrysler 500, 900, 450 series engines equipped with PLD-MR engine control unit and ADM2 vehicle control adaptation module
DaimlerChryslerADM3.esl	1.5	DaimlerChrysler 500, 900, 450 series engines equipped with PLD-MR engine control unit and ADM3 vehicle control adaptation module
DDC_DDECIV.esl	2.0	Detroit Diesel engines equipped with DDEC IV unit
DeutzEMR2.esl	3.0	Deutz EMR2 similar to Volvo EDC4
DeutzEMR3.esl	1.8	Deutz engines with EMR3 engine control unit
DeutzEMR4.esl	1.4	Deutz engines with EMR4 control unit
Ford_e.esl	1.0	Ford natural gas or propane or gasoline engines 2.3L, 5.7L or others with e-control module
GM_e.esl	1.5	GM gas engines with e-control unit
GM_e_LCI.esl	1.4	GM engines 5.7L ; 4.3L from PSI-GM with e-control LCI unit
GM_MEFI.esl	1.7	GM engines with MEFI4B or MEFI5B engine control unit
GM_MEFI-6.esl	1.3	GM engines with MEFI6 engine control unit
GM_SECM.esl	1.7	GM engines with Woodward SECM 48 interface
ISUZU.esl	1.8	Isuzu engines equipped with ECM. Engines 4H-xxx
Iveco.esl	2.0	Iveco NEF & Cursor engines with J1939 CAN data link
IvecoVector.esl	1.7	Iveco Vector engines with ADEM engine control unit

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JCB_DCM.esc	1.7	JCB Dieselmex engines equipped with Delphi DCM 3.3 common rail engine control unit
JenbacherDiane.esc	1.2	Jenbacher engines with Diane control system
JohnDeere.esc	2.3	John Deere engines with J1939 support
Logger-CtrlJ1939.esc	1.5	To be used to send engine data from ID-Mobile Logger to the genset controller
MAN_MFR.esc	1.7	MAN engines with MFR interface
MTU_ADEC1939.esc	1.8	MTU engines series 2000/4000 with ADEC control unit, SAM module and CCB2 card!
MTU_ADEC1939Peng.esc	1.6	MTU P - engines series 2000/4000 with ADEC control unit, EMU module supported
MTU_SMART.esc	1.4	MTU engines series 1600 with ADEC control unit and SMART connect interface module
PerkinsECM.esc	2.1	Perkins engine (series 2300 and 2800) with ECM unit
Perkins_1300.esc	1.5	Perkins engines (series 1300)
ScaniaS6Aux.esc	3.2	Scania S6 singlespeed engines.
ScaniaS6AuxII.esc	2.1	Scania S6 singlespeed engines with ECU software version 1794335 or higher
ScaniaS6Prop.esc	3.4	Scania S6 allspeed engines
ScaniaS6PropII.esc	3.4	Scania S6 allspeed engines with ECU software version 1794335 or higher
ScaniaS8_AS.esc	1.4	Scania allspeed engines with S8 control unit
ScaniaS8_SS.esc	1.4	Scania singlespeed engines with S8 control unit
SISU_EEM3Gen.esc	2.0	SISU engines with EEM3 unit. For gen-set applications
SISU_EEM3Prop.esc	1.9	SISU engines with EEM3 unit. For propulsion applications
StandardJ1939engine.esc	3.2	Definition for engines with standard electronic control unit. These definition contains only values from CAN SAE J1939 specification
Steyr_M1.esc	1.4	Steyr marine engines
VM_Industrial.esc	1.7	VM engines for industrial applications
VM_Marine.esc	1.7	VM engines for marine applications
VolvoMarineAux.esc	3.4	VolvoPenta AUX EMSI,II family for singlespeed applications with gensets
VolvoMarineProp.esc	3.3	VolvoPenta PROP EMSI,II family for allspeed applications
WaukeshaESM.esc	1.2	Waukesha Engenius Engine System Manager with Modbus interface
Yanmar_TNV.esc	1.0	Yanmar engine 3TNVA with TNV control unit

Main changes in ECU list – 5.8

- New ECU by Yanmar (Yanmar TNV) is available
- New ECU by Ford (Ford e-control) is available
- Support of new version of IntelliCompact^{NT} (IntelliCompact^{NT} from ver. 1.5 has fully configuration by ESC)
- Removed ECU list – Mobile.esl. ECU list – Allspeed.esl has to be used in DriveConfig instead
- Diagnostic codes reading is now available for IntelliDrive Nano and IntelliNano^{NT} controllers family
- Deutz EMR2
 - Fixed speed control for IntelliDrive Nano controllers family
- Iveco NEF & Cursor
 - Fixed speed control for IntelliDrive Lite controllers family
 - US gallons are used instead of UK gallons as dimension for Total Fuel Used
 - Catalyst Tank Level and DEF Warning were added for IntelliDrive Lite controllers family
- Cummins CM850

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- Engine Coolant Pressure, Intercooler Temp, Fuel Temp, Engine Fuel Delivery Pressure, Engine Crankcase Pressure, Inj. Timing Rail 1 Pressure were added
- Fuel Temp, Oil Temp, Turbo Oil Temp, Intercooler Temp were added or modified
- Governor Gain Adjustment command is now available for customer settings
- Cummins CM850/CM2150/CM2250
 - Percent Load values was added
- John Deere
 - Aftertreatment control was improved
 - Fuel Rail Pressure and Manifold Air Pressure were added
- Deutz EMR4
 - Fixed Start Lock command
- Caterpillar ADEM & EMCP
 - EMCP Panel event codes 4006 and 4007 as nuisance are now hidden
 - Fuel Temp, Intake Manifold Temp, Oil Filter Diff. Press, Left Exhaust Temp, Right Exhaust Temp, Oil Temperature, Exhaust Gas Port Temp, Gas Supply Pressure, Air Inlet Pressure, Throttle Position, Air Filter Differential Pressure were added or modified
- Caterpillar J1939
 - Fuel Temp, Intake Manifold Temp, Oil Filter Diff.Press, Left Exhaust Temp, Right Exhaust Temp, Oil Temperature were added or modified
- Scania S6 Singlespeed from ver. 1794335
 - Proprietary speed control was added
- Volvo EMSI Allspeed
 - Fixed start/stop and speed command for IntelliDrive Lite and IntelliLite^{NT} controller family
- Tier4 icons support is available in IntelliDrive Nano for:
 - John Deere
 - Cummins CM2250
 - Cummins CM850/CM2150/CM2250
 - Deutz EMR4
 - Scania S8 Singlespeed
 - Scania S8 Allspeed
 - Volvo EMSI Allspeed
- Fault codes texts were standardized
- Percent Load at current speed is now a default value on 6th position of ECU values in IntelliLite^{NT} controllers family

Main changes in ECU list – 5.7

- Modification for ID-Nano-1.2 and DriveEdit-1.1 compatibility.

Main changes in ECU list – 5.6

- All IntelliDrive controllers ID-FLX-Lite, ID-DCU, ID-Mobile (and Logger) are now supported by one ECU list - Allspeed.esl. **The specific ECU list - Mobile.esl is not recommended for future configurations!**
The ECU list - Mobile.esl will not be longer available from version 5.8 of ECU list !!!
 The ECU list - Allspeed.esl will take all features of ECU list - Mobile.esl.
- IntelliDrive-Nano is not supported in ECU list-5.6
- Repaired version consistency of esc files
- Some bugs are repaired in:
 - Deutz EMR4
 - John Deere
- Exhaust temperature monitoring for 16 cylinders are added in:
 - Cummins CM850

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