**IVS\_SOW\_Attachment inventory & usage document**

The IVS\_SOW\_Attachment to the global eSOW is a zip file contains a series of documents that define the Requirements and Rules needed to release SW into Ford software vault. The “SW” requirements are contained in the following documents.

Requirements:

**IVS\_Attachment\_Template** – This document contains the requirements and activities essential to the development and release of software for use in production intent vehicle electronics that is re-programmable in vehicle. All ECU's and/or subsystems must comply with the tasks and deliverables within. Diagnostic software must also comply with the tasks and deliverables described in this *IVS Attachment Of the statement of work.*

**In\_Vehicle\_Software\_Release\_Procedure** – This document describes the activities and deliverables that should be performed by the Suppliers, D&R Engineers, Software Engineers, Systems Engineers, PPM Analyst, FCSD, and IVS Core Group when handling and releasing Software parts within the IVS project.

This software release process will support EESE in managing software parts in production, and will enable software updates for body/chassis and transmission electronic control units in service. Benefits include standardized software part number and versioning; reliable method of transferring, tracking, and archiving files & relevant documentation; and support of on-time delivery, verification, validation, & compatibility testing of software. Service will be provided with enhanced flexibility, including the minimization of part complexity, feature enhancement, and timely repair of software bugs.

Other Documents in each package:

**IVS\_Checklist.** This is a checklist that is used to determine the level of knowledge of the supplier about the software configuration management process carried out in Ford Motor Company and to isolate pieces of information about the software development and releases practices of the supplier that are essential for the IVS Software Release Procedure to function and to accommodate to the specific characteristics of the electronic control unit developed and delivered by the supplier. The ultimate goal of this assessment is to ensure that the supplier understands the expectations of Ford Motor Company in terms of software configuration management and the requisites to ensure that the reprogrammable vehicle electronics installed in Ford Vehicles can be successfully reprogrammed and supported by service tools.

**Software Announcement Document.** The Software announcement document is an MS Excel template which contains the information about one specific version of software and hardware contained in the electronic control unit about to be released, including but not limited to: Part numbers, change description, software dependencies, software components in the electronic control unit, vehicles that will use the electronic control unit, etc.

**IVS deliverables pocket card.** This procedure provides information about the requirements for releasing software for Electronic Control Units via the official configuration management database in Ford Motor Company: IVS (In-Vehicle Software). No software will be accepted by Ford Motor Company if the deliverables listed here are not provided according to the acceptance criteria and timing specified in this document.

**Supplier Software Report.** This is a document that provides standardized information on the supplier development status during the whole software development cycle from requirements elicitations to on-going product development for service. The main goal is to support the design and release activity in Ford Motor Company and to report detailed status to the Ford´s SW Project Management. The data provided in this document is also consumed by Ford Testing Teams and Business Plan reviewers.