

DETA Pilot Phase Feedback





Pilot Phase Operated through each VCA Certificate issuing hub

VCA UK
VCA Italy
VCA North
VCA
America
Japan

Why test at all sites?

- Varied user knowledge of the Type Master DD System
- UK already uses the system with Ford for HDDS & ETAES
- Other offices had no previous user experience of the system
- Start engaging with Manufacturers at each of certificate issuing offices

Certification General Feedback

General Feedback

- Overall system intuitive to use
- The DETA manual created with screen shots and text has been a real help to our certification teams
- The DETA manual has provided a clear explanation of what each attribute should be used for. Some clarification required on Approval Date.

Specific Feedback

- Some use cases where clarification is needed on establishing best practice for using DETA
- Instances where some recommendations have been put forward to develop the system to improve the user experience or gain efficiencies when uploading documents



Are the naming attributes correct?

C	Choose attribute values				
1	Attribute values				
	☑ G				
Ш	□ L1				
4	☐ L2				
-	☐ L3				
	□ L4				
1	☐ L5				
1	☐ L6				
Ш.	□ L7				
15	✓ M1				
н	☐ M2				
┨.					
1	✓ N1				
	□ N2				
	□ N3				
	□ 01				

Agreed in the meeting that 'G' category by itself will be removed. M1G, M2G, M3G, N1G, N2G and N3G will be added to the list.

1) Vehicle Category for **E11*16R-067535*06**, is M1G & N1G. – This option is not available to choose. Do we choose the two M1/N1 categories AND the G category? (see screenshot).

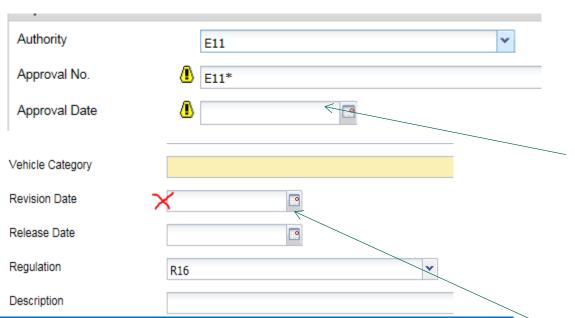
1.4.	Category of vehicle: M1G, N1G
1.5.	Name and address of manufacturer: Jaguar Land Rover Limited Abbey Road Whitley Coventry CV3 4LF United Kingdom

2) What if the vehicle is M1 and M1G on one certificate – can this be covered by the attributes listed?



Are the naming attributes correct?

3) Review Revision Date vs Approval Date. A recommendation is to rename Revision "Date," to Revision "Number".



Approval date is a mandatory field to be completed and will always match the revision date? Therefore suggest the field is 'approval/revision date'. OR label attribute Extension date?

A Revision is intended to be a new document part but not a new document. Therefore when creating a new document part the mandatory fields are already completed. The user then must complete the revision date field (although it is not marked as mandatory). Same principle as an index revision in

Revision number may be a means to identify the approval.



Are more/less mandatory fields needed?

Add to the list item 1)

- 1) A lot of excess space in the Authority box. Will only ever be one entry displayed for a given Authority. Propose to reduce size.
- 2) Rename 'Manufacturer' as 'Approval holder' for clarity
- 3) Request to increase size of manufacturer's box. Only way to select manufacturer is to scroll. When the list gets longer this will be inefficient.
- 4) Is there a possibility to add a search function?

RDW and other parties also requested a search function. T-systems will investigate.

Create Document Step 1 of 4: Define part role sequence Authority E11-United After discussion proposal to delete this box as it is not needed – no options to select. T-systems will investigate. Regulation UN Reg. No. 10 Manufacturer term UN Reg. No. 100 UN Reg. No. 107 selected to match UN Reg. No. 112 UN Reg. No. 117 certificate. Agreed to UN Reg. No. 13-H keep term UN Reg. No. 16 UN Reg. No. 17 'Manufacturer' but to UN Reg. No. 3 clarify in the user Manufacturer manual. Hino Motors Honda Motor Corpora Honda Motorcycle Honda Motorcycle-MY Hyundai-KIA-Commercial Hyundai-KIA-HMETC Hyundai-KIA-Passenger-Cars InterCar

Isuzu Motors



Are more/less mandatory fields needed?

5) For a given manufacturer there are most likely to be multiple options or approval holders to select.

Add to the list item

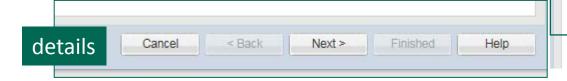
It would be useful to have available the

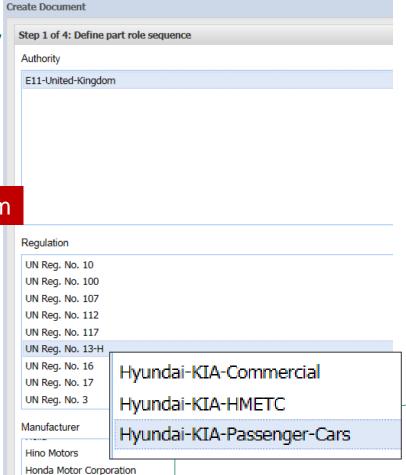
following:

 Confirmation of contact details (email address for user login to confirm who can access approvals)

 Address of approval holder (to ensure correct approval holder selected)

Users suggested a details button added on the bottom right hand bar where this information pops up.





Honda Motorcycle

Honda Motorcycle MY

Isuzu Motors

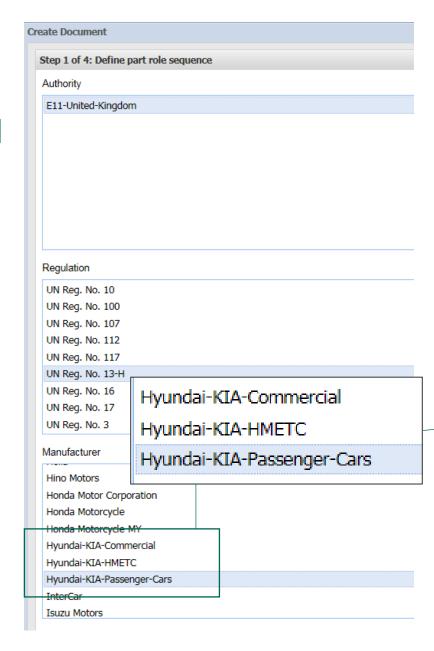
Hyundai-KIA-Commercial Hyundai-KIA-HMETC Hyundai-KIA-Passenger-Cars



How do we populate DETA with the Manufacturer/Approval Holder List?

The following organisations could create the data entries:

- T-Systems (as a one off mass upload?)
- Type Approval Authority upload there own approval holder details to the system? (long term)
- DETA Administrator?
- Clarification: how do we best proceed with this task?
 - See next page





Manufacturer's details in the database

- Large discussion on this subject.
- Type Approval Authority can provide a list of Approval holders.
- ▶ KBA Suggestion: OICA to create a manufacturer's list however, OICA may not know all possible names of OEM's approval holders so this option is not favourable.
- ▶ CLEPA could create a list of all the component approval manufacturers.

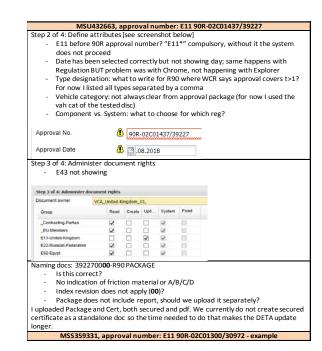
- Agreed to initially limit scope of DETA to M1 approvals only. This is because IWVTA is M1 only. This will allow for the ramp up of adding manufacturer's to the database which is a huge task. Component manufacturer's likely to be considered next.
- Each approval authority to select the major Manufacturer's that it work with (high volume) holding M1 and M1G approvals and circulate approval holder details between KBA, RDW and VCA. 2 weeks to send this information.



VCA Italy Feedback Sheet

T-systems recommend firefox. However, VCA will need to use IE for DETA to avoid the date issue

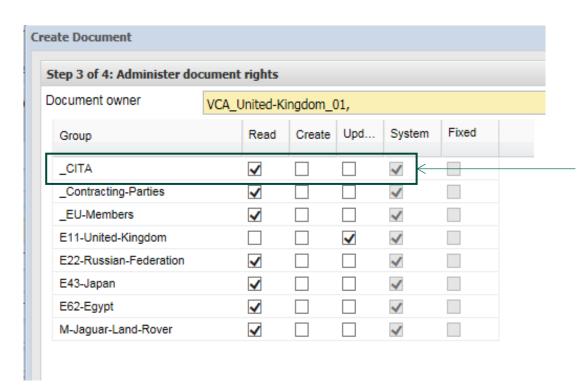
Type designation proposed to be removed as a mandatory field – the IWG (Informal Working Group) to confirm at the November session. Also raised for R117 there is no type designation only commercial listed on the cert.





Are more rules needed for inserting the attributes?

Step 3 of 4: Administer document rights



VCA trialled removing a user from the document rights list. This was because during initial communication sent out by VCA only CP's and OEM's would have access to the Pilot DETA.

This also created a good use case during the pilot phase to fully test the system.

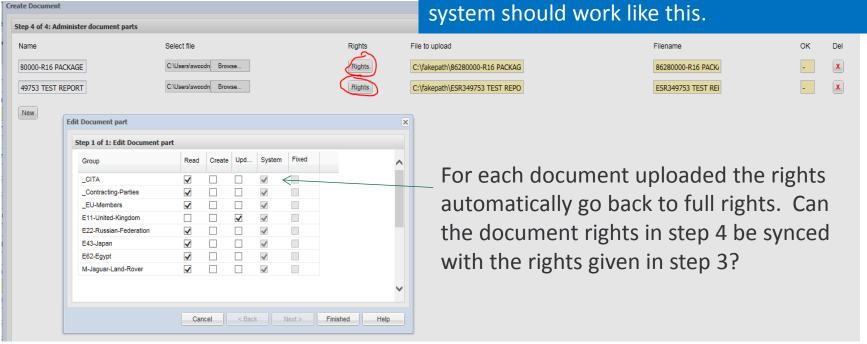


Are more rules needed for inserting the attributes?

Add to the list item

Step 4 of 4 administer documents rights

The 'administrator/DETA Admin' view administers rights in step 3 and they carry across to step 4. So T-Systems will investigate adding this functionality to all users – the system should work like this.



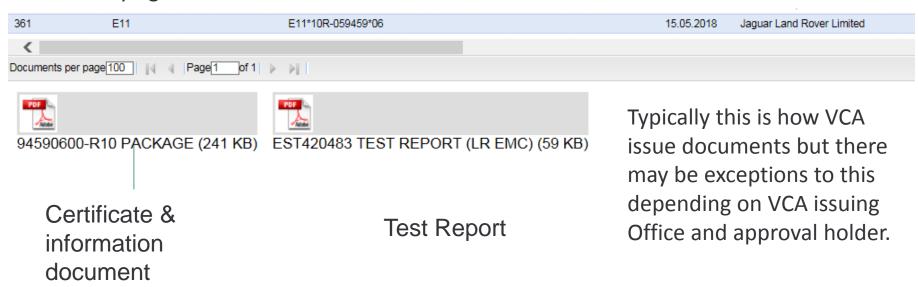
Clarification: What process do 3rd parties go through to be granted access to DETA? Formal sign off at WP29? Question raised by some approval holders.

CITA only granted access in the pilot phase. If they are to be granted access in the longer term then this will need to be agreed by WP29. It is not the decision of the



How should approvals be uploaded?

1) In this example VCA have added the test report separately to the certificate and information document. Is this ok for other system users – does the DETA group see any merit in trying to harmonise this across TAA's?



Clarification: Is each document listed above accessible to all DETA users? Ie: should the test report rights be different to the certificate and Information document?





Document Parts

Initial Option presented:

Document Parts

Access Rights

1. Certificate

All CP's & OEM

2. Information Documents

CP's signing the Regulation & OEM

3. Test Report

VCA Preferred Option presented:

Document Parts

Access Rights

- 1. Certificate & Information documents
- 3. Test Reports

All CP's & OEM

CP's signing the Regulation & OEM

Initial Option

- ▶ 3 separate documents
- Certs: open for all CP's. Agreed by WP29 (so that CP's checking I-WVTA apps can confirm validity of the cert.
- Information Docs and Test Reports for Signing CP's to a Regulation.

VCA Preferred option

 Cert often refers to info document – therefore VCA consider these as a package.



Document Parts

RDW Option presented:

Document Parts

Access Rights

1. Certificate

All CP's & OEM

2. Certificate, Information Documents & test report

CP's signing the Regulation & OEM

RDW preferred option

- Request as few uploads as possible
- Each upload takes time
- ▶ High volume of approvals issued. Each minute saved on the 35,000 approvals issued per year equates to 0.5 yr FTE saved.

Other options are considered by the group and a document prepared for circulation for CP's to comment on.

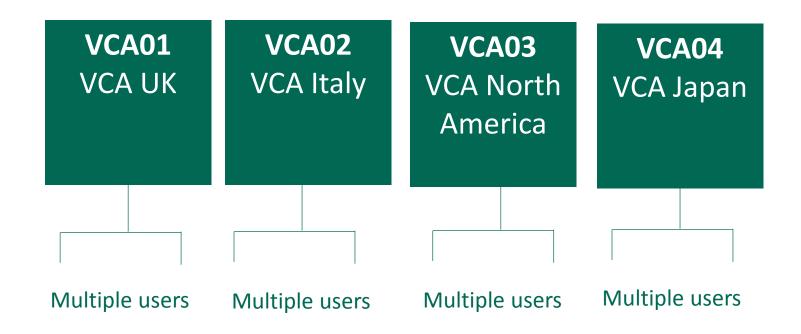
This will be discussed at the IWG on DETA in November. The plan is for guidelines to be established for TAA's relating to document rights, labelling etc. The result of this discussion will feed into this.



Other items – setting up logins

Can VCA have multiple logins and setup multiple users?

Yes this structure will be possible and can be setup by the DETA Administrator





Questions from Japan

- ▶ Japan asked about a CP status of publishing documents on DETA. Agreed to publish this information on the UNECE website. Ie: if UK is uploading only new approvals or new plus extensions from a certain date. This 'status' would be indicated to other CP's. The status description list needs to be defined. A link to the web page will be stablished in DETA to guide users to the correct location.
- Obligation is to exchange approvals in DETA when requested by other CP's. However, to make use of the system approvals to be uploaded when granted/extended etc is the suggestion. The IWG on DETA may propose a change to the 1958 agreement to enforce this this would go through WP29 for agreement.

Questions from the OEM's

▶ Can vehicle importers access DETA?

Not currently. OEM's at a later stage can grant rights to their importers but this will be discussed in the IWG.

Can documents be downloaded from the system in different package files? le: cert & test report together or only as they are inputted into DETA by the TAA?

As each document has its own security settings then the documents cannot be merged by the database. So they can only be downloaded as they have been uploaded.



Timeline for Full DETA Implementation?

Full DETA implementation cannot be defined. WP29 may be required to indicate that all CP's to use DETA – possibly by guideline documents endorsed.



1st Pilot Phase Ends

Completed so far. Nb.

Approvals uploaded during

the 1st Pilot Phase will be

removed from the system.

Review
Feedback;
Tasks
Generated

Task
Completion
by T-systems

Review Task progress in November session of DETA IWG DETA 2nd Pilot Phase New M1/M1G systems approvals uploaded

Need to confirm when this will start. Possibly Dec 2018 / Jan 2019



High Priority Tasks to be resolved before implementation of 2nd Pilot by T-systems

▶ Item 1: Selecting the Manufacturer

VCA has same experience. A search function, or jumping to the letter in the list when typing the value ('type ahead selection'), or anything similar, is necessary. T-Systems will investigate the possibility and consequences. This need to be solved before starting with DETA

▶ Item 2: Rights

- ▶ For each TA document there is a possibility to grant specific Rights. Currently all Rights are the same for all document types (APPROVAL /INFO FOLDER /TEST REPORT)
- Current system does not recognize if a document is a certificate or another document part and can therefore not link rights to a document part. T-Systems to investigate the possibility and consequences to change the system to make this automatically.
- ▶ Uploading of separate files. Ie: tell the system document is a 'test report' or 'certificate'. Copying file names across to the system suggestion that the system should be able to read the file name and place in the database.



DETA pilot findings – TRAFI

Henri Takkinen 18.-19.9.2018

Responsible traffic.

Courage and co-operation.

Overview of the pilot actions



- Trafi tested
 - reading the News section
 - loading of the approval documents from system
 - uploading dummy approval documents to system
- Trafi did not test
 - uploading the proper approval documents as the granted approvals during pilot time did not concern the manufacturers taking part on the pilot

News



 Some error messages was noticed with Internet Explorer which was not the recommended browser:

com.google.gwt.user.client.rpc.IncompatibleRemoteSer viceException: java.lang.NumberFormatException: Expected type 'int' but received a fractional value: 432.94000244140625

No other findings from the News section

Uploading approval documents



- Defining the attributes
 - The "Type" field is mandatory even if the Type is not necessary for R117 approvals
 - Should the vehicle categories be modified to include all the T R S categories and combine G categories with the M and N categories
- Administering the rights of the documents:
 - The rights for different types of documents could be defined to the system and only the type of the document has to be selected.

General comments concerning the DETA and pilot



- System is working stable as we tested it and serves the function to share the data.
- One concern related to DETA is the addition of manufacturers.
 - How to administer manufacturers and their passwords globally
 - How to administer manufacturers from the TAA point of view



viewed separately.

Feedbacks on the DETA pilot

- 1. Proposal on manners of operating DETA:
- 1.1. Register data to be uploaded in three separate files, each for Approval Certificate, Information Document, and Test Report.Reason(s): This will facilitate the registration since these data are usually stored in separate files internally. In addition, it will become more user -friendly if they can be
- 1.2 Clarify (through declaration) the scope of information registered in the DETA for each CP, and if possible, list the DETA's operational policies of each CP in the DETA (in the News form, etc.) compiled by the secretariat.
 Reason(s): If no information is available on the registration scope of timeframe, UN Regulations, manufacturers, etc., it will become difficult for authorities to make decisions based on DETA information alone, and DETA would be considered less-user-friendly.
- 1.3 Add "Revision" and "Correction" to "Approval State" of registered items.

 Reason(s): This will make it possible to easily know the latest state of each approval certificate.
- 1.4 Develop an operational manual on how to specify the following items, etc. Or, make it possible for these items to be entered automatically in the system:
 - (i) Approval Nos. (including those issued under Revision 2 of the 1958 Agreement);
 - (ii) File names of Approval Certificate, Information Document, and Test Report;
- (iii) Four t ype approval categories (1. IWVTA, 2. System Approval , 3. Component Approval, and 4. Separate Technical Unit Approval).

- 2. Requests on modification of the system:
- 2.1 The access rights for the separate files (Approval Certificate, Information Document, and Test Report) should be set automatically in the system rather than input manually each time the files are uploaded. If the manual input is to be continued, "No access permission" should be added as an option.

 Reason(s): Without this modificat ion, it is possible that the access will be erroneously authorized, causing the information to be leaked unintentionally.
- 2.2 "Reading", "Creating" and "Uploading" of the type approval information should be authorized per account rather than per upload.
 Reason(s): Since there may be cases in the future where a certain TS will make changes to data uploaded by a TAA, the authorization function is necessary. However, the current way of setting the authority manually for each data is cumbersome, and without this modification, it is possible that the relevant actions will be erroneously authorized.
- 2.3 Manufacturer names should be select able from a pull-down list when searching for relevant type approval information.

Reason(s): In the current system, manufacturer names need to be typed letter-by-letter, and they may not be found due to spelling errors, etc.

Any information in the registered data should be allowed to be modified.

Reason(s): In the current system, it is not possible to change UN Regulation No s. once they are entered in the data by mistake; therefore, to change that specific information, the registered data need to be deleted first and then the whole data need to be registered all over again.

DETA Pilot Try-out Report

By NAMI – Technical Secretariat to the Russian Type Approval Authority

1. Answers to the questions asked in DETA Pilot Document

Questions	Answers & Comments	
- Is the naming of the attributes correct?	 Mainly yes. 1. There the attribute called "ID". What does that mean? Is that a consequential number assigned by the system? It seems, it is the Unique Identifier. Some clarification is needed and explanation in the system manual. 2. The name "Description", to our opinion, should be changed to "Remark". 	
 Are the correct values inserted in the list fields? 	Yes.	
 Are more / less mandatory fields needed? 	The current situation is OK.	
- Are more rules inserting the attributes needed, e.g. approval number?	 Maybe yes. Comments: 1. In the case of the multiple vehicle categories for component approvals like mirrors – would that be possible to select more than one category? 2. Also, category G is now treated separately, however it is a sub-category. In type approvals there are cases, when two categories a added in system approvals, like N3 and N3G. Does the current system allow such a case? 	
 Is the order of the attributes on the screen correct? 	Yes.	
 Is the order of the attributes in the lists correct? 	Yes.	
 Is the system usable as it is (roles, rights)? 	Yes.	
- How should users be named?	Proposal: There should be full company/organization name and separately short name (abbreviation), like "State Research Center of the Russian Federation - Federal State Unitary Enterprise «Central Automobile & Automotive Engine Research Institute» («NAMI»)" and "NAMI". The full name should be indicated as a reference, while the short name should be used in DETA as the name of the company/organization.	

- Is the news function suitable for exchanging information?	
exchanging information?	
- In which cases shall news be created in Proposal: Specific cases shoul	
DETA? when adding a news is manda	tory.
Proposed cases:	
- Change of organization nat	me;
- Uploading the communicat	ions on type
approval refused and without	Irawn.
- Is the "Help" helpful? Yes.	
- What kind of manual is needed? The current manual is fine. Ho	wever, the
availability of the context help	could be
helpful.	
- Is the system running stable? Yes.	
- Do any error messages occur? No.	
- Is the runtime performance okay? Sometimes slow operation of t	he system was
occurred. Also, the system did	not answer on
user's requests for quite a long	time, but that
was probably related to multiple	e commands
to the system (the next comma	
entered before the response of	
on the previous command).	-)

1. Findings

- We inserted the new manufacturer (KAMAZ PTC), but it did not appear in the list of the system users, so it could not access to DETA with rights to read. The proposal would be in such a case to add a new user (manufacturer or its representative) to the system automatically. Further DETA Administrator should send to that company the password and limited instructions on how to use the system to the e-mail provided in the records of the system. If the automatic addition of a new company to the system is not possible, the instructions to the type approval authorities should be issued, how to add a new user to the system.
- The attribute "Description" or "Remark" may be used for recording the approval codes. The issue relates to UN Regulations Nos. 37, 99, 128 (light sources), 90 (replacement braking parts), 117 (tyres: rolling resistance, rolling noise and wet grip). The type approval numbering system of those UN Regulations shall be aligned with the Schedule 4 to the revised 1958 Agreement, but the existing elements of the type approval numbers will be kept and referred to as the approval codes.

DETA Trial comments

Toyota Motor Corporation

1. General

1) File structure of approval package

'Type approval certificate', 'Information document' and 'Test report' should be separate files, and this rule should be described in a guidance document or operation manual.

Because access rights for each contents might be different by use cases (Approval authorities, other official authorities, PTI organisations, etc.) in the future phases.

Individual items

1) Approval status

'Revision' cannot be selected. If the 'Revision' will be also stored in DETA, it should be added to the list.

2) Search function

For some attributes, items can be selected from the pull down list. (e.g. Regulation, Category, etc.) It will be convenient if selected items in each attribute can be cleared by one action.

('Clear search attribute fields' button can clear all attribute fields. In addition to this function, it will be useful if only the attribute 'Regulation' field can be cleared and other fields can be kept for example. Otherwise, check marks have to be removed from checkbox one by one.)

3) Others

Correction of manufacturer name

Toyota Motor <u>Cooperation</u> -> Toyota Motor <u>Corporation</u>



DETA Pilot

Questions from Volvo Cars.

- 1. Timing: AT what time will the files be uploaded by Authorities? Immediately when the approval is issued or later?
- 2. Access: Who can get access? Our importers? With their own id and password?
- 3. Design: can we change the Left column in another order? Authority, manufacturer, regulation number, approval number, date....
- 4. gather file: can there be a button to gather all three files into one, either to send in digital form or to print?

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