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**Escalating the IETM review
process using S1000D
Comment Modules**

Stand 9



Outline

- Purpose of Comment Module
- Who uses it
- What it IS and IS NOT
- Our investigations for implementation
- How the Comment Module works in a real world Workflow
- Industry and customer feedback
- Questions

What is the Comment Module (Form)

- In the specification under Information Management
- Commenting and Reporting on Data (DMs & PMs) during:
 - Verification process
 - In-Service phase of the product

Who uses the Comment

- Comment is compiled by commenting authority
- Sent to the issuing authority that provided the data
- Comment also used to provide a response back to originator

It is not a Data Module

- The Comment Module is structured but NOT a Data Module
- It does have a Comment Identification Code
- The N's are the unique comment number for the year
- YY - YYYYYY - XXXX - **NNNNN** - A
- YYYYYYYYYYYYYYYY - YYYYYY - XXXX - **NNNNN** - A
- The A is the type of Comment
- YY - YYYYYY - XXXX - NNNNN - **A**
- YYYYYYYYYYYYYYYY - YYYYYY - XXXX - NNNNN - **(Q, I, R)**
- Mandatory components of the Comment Module

Our Investigations for Implementation

- The Mandatory Components were a useful guideline to interface and workflow

The screenshot displays a software interface with several components:

- Comment Module Settings Dialog:** A dialog box with fields for 'Comment Code', 'Model Identification' (BIKE), 'Sender Identification' (BIKES), 'Comment Originator' (First Name: Tammy, Last Name: Halter, Email: thalter@absolutedata.com), 'XML Schema' (Default Schema: C:\Users\halter\Desktop\ReviewerOutput\S1000D_3-0\xml_schema_flat\Comment.xsd), and 'Review Package Output Location' (Default Location: C:\Users\halter\Desktop\ReviewerOutput).
- Main Review Window:** A window titled 'AA-DA0-10-20-00AA-215A-A_005-00.xml Tire - Fill with air'. It contains several tables:
 - Support Equipment:**

Identification	Quantity
KZ666/BSK-TLST-001	1
KZ666/BSK-TLST-001-05	1
KZ666/BSK-TLST-001-01	1
 - Materials and Miscellaneous Items:**

Identification	Quantity
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 - Included Replacement Parts/Items:**

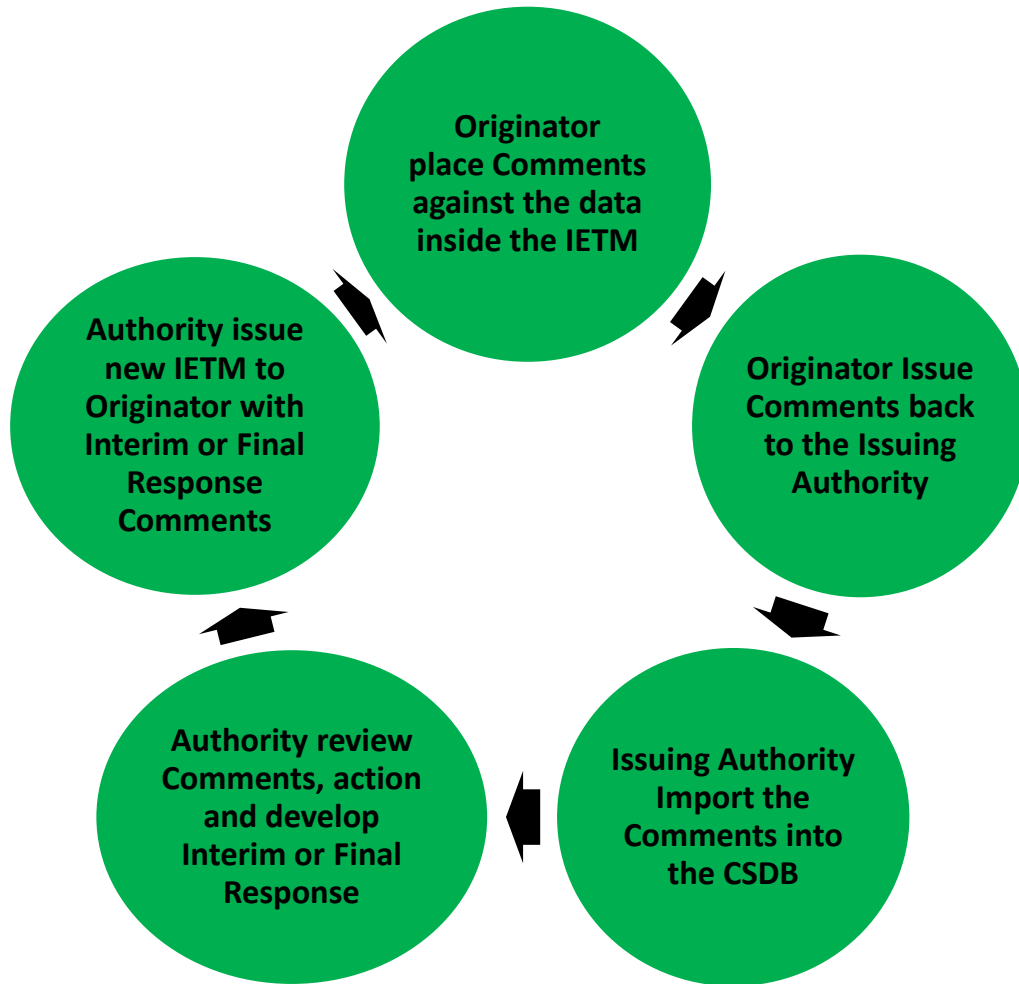
Identification	Quantity
----------------	----------
- Safety Requirements:** A section titled '- Safety Requirements' with a 'None' dropdown menu.
- Error Message:** A pop-up window titled 'Locktite 242 is no longer available' with a 'Priority Safety Critical' indicator. The message reads: 'Locktite 242 is no longer available. Please detail a knew supply item.' The sequence number '00036' is visible at the bottom.

That automatically generates the CM

```
<cstatus>
<ccode>
<modelic>ADG</modelic>
<sendid>BIKES</sendid>
<diyear>2012</diyear>
<seqnum>00035</seqnum>
<ctype type="q" />
</ccode>
<ctitle>Required Conditions</ctitle>
<issdate year="2012" month="05" day="27" />
<corig>
<dispaddr>
<enterprise>
<ent-name>Absolute Data Group</ent-name>
<division>
</division>
<ent-unit>
</ent-unit>
</enterprise>
<person>
<lastname>Halter</lastname>
<firstname>Tammy</firstname>
<jobtitle>
</jobtitle>
</person>
<address>
<dept>
</dept>
<street>
</street>
```

```
</dispaddr>
</corig>
<security class="01" />
<priority cprio="cp01" />
<crefs>
<crefdms>
<crefdm>
<dmc>
<avee>
<modelic>S1000DBIKEV3</modelic>
<sdc>AAA</sdc>
<chapnum>D00</chapnum>
<section>0</section>
<subject>0</subject>
<discode>00</discode>
<discodev>AA</discodev>
<incdev>330</incdev>
<incdev>A</incdev>
<itemloc>A</itemloc>
</avee>
</dmc>
</crefdm>
</crefdms>
</crefs>
</cstatus>
<ccontent>
<p>Conditions need to be made complete</p>
</ccontent>
</comment>
```

A Real World Workflow



RN Test Comment here

Priority Routine References (1) DMC-51000DBIK...

RN Test Comment here
Details about the comment.

Response Type Interim Response
Interim Reponse based on the updated.

Response Type Final Response
Final Response details entered here.

Sequence Number: 00010

Industry and Customer Feedback

- Reporting during Verification and In-Service Phase?
- Is Interim an internal IETM developer state
- Would you use the Optional RESPONSE element (with the Default Attributes)
- Would you want specific response attributes to be associated and locked to Interim and Final response stage
- Based on viewing a workflow in action with Comments, do you believe this could speed up the review cycle/process



ADG
Absolute Data Group

Questions

26 July 2012

