

e-FAIR Submission Path and Approval

Version: 5.2 - June 2020

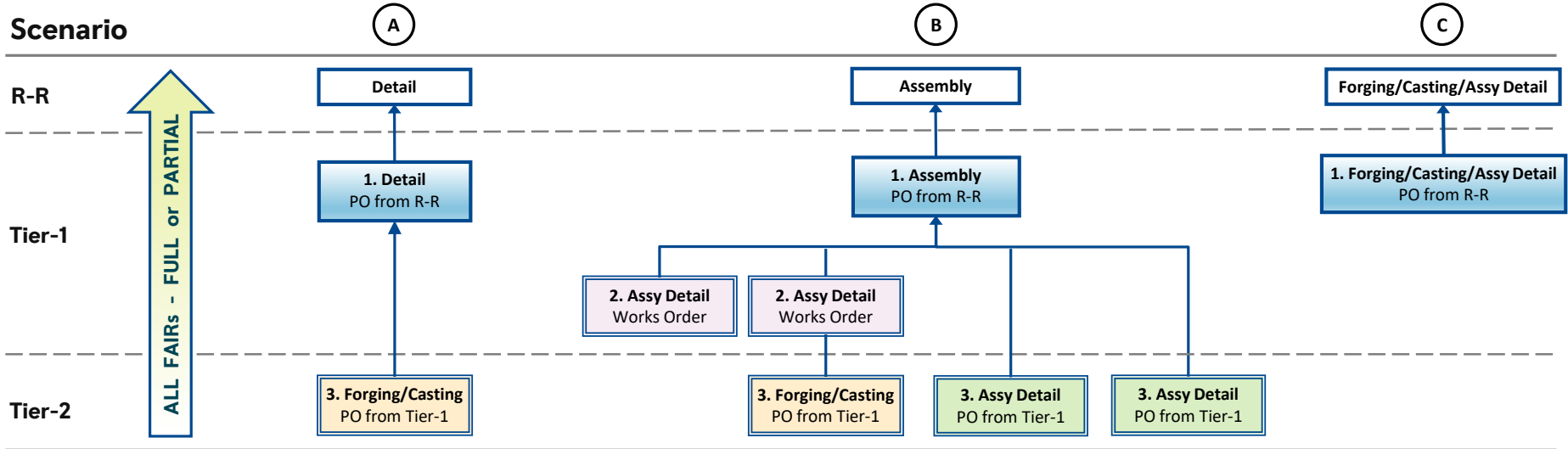


Rolls-Royce

e-FAIR Submission Path and Approval:

FAI reports are to be compiled and submitted to Rolls-Royce using the e-FAIR tool net-inspect™

- Submission shall be along the purchase order cascade i.e. Tier-2 to Tier-1 to Rolls-Royce, unless instructed otherwise by the Rolls-Royce purchase order (see Method 2 [slide 4](#)).

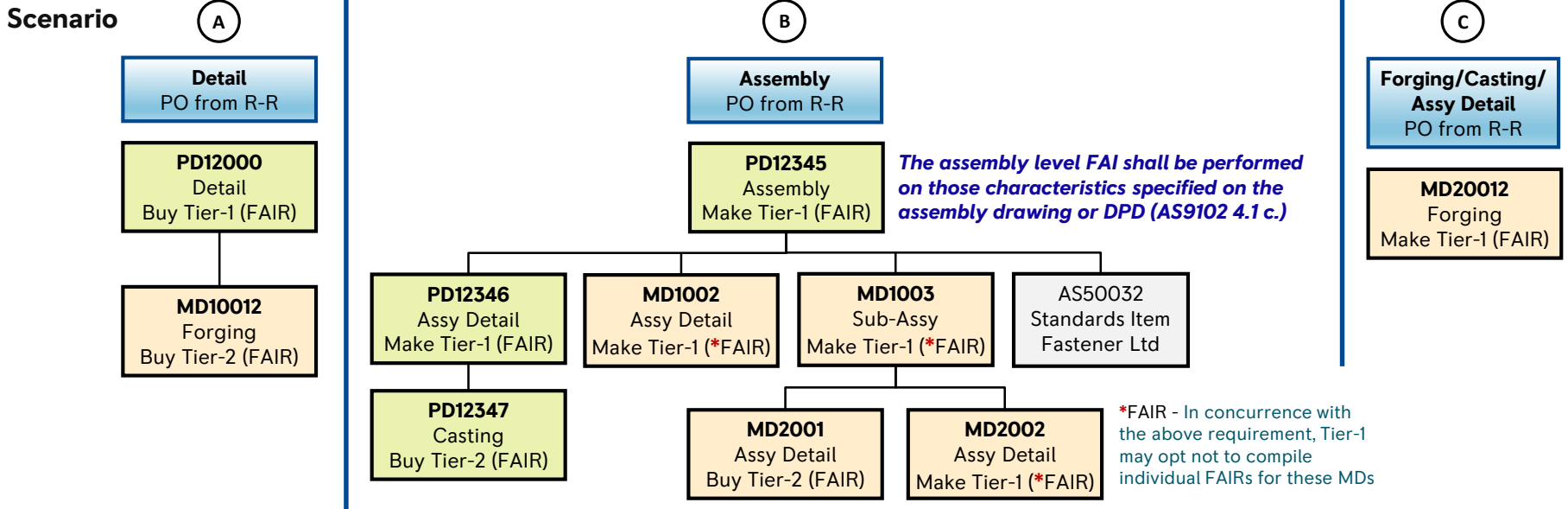


- 3. Forging/Casting**
 - Tier-2: Compile report in net-inspect™, assign Tier-1 as the Customer; Sign Form 1 (data fields 19 & 21); Submit FAIR to Tier-1 through net-inspect™. When Tier-2 does not have a net-inspect™ account, FAIR template in SABRe to be used; Sign Form 1 (data fields 19 & 21); Submit FAIR to Tier-1.
- 3. Assy Detail**
- 2. Assy Detail**
 - Tier-1: When applicable, compile report in net-inspect™ for each Assy Detail, assign themselves as the Customer; Sign Form 1 (data fields 19 & 21).
- 1. Detail**
 - Tier-1: Compile report in net-inspect™ for (A) Detail, (B) Assembly or (C) Forging/Casting/Assy Detail delivered to R-R, assign R-R as the customer.
 - When applicable, identify in Form 1 (data field 15) Assy Detail or Forging/Casting part numbers; Identify the manufacturer and net-inspect™ will enable the Tier-2 FAIR to be selected and linked into data field 18. When a Tier-2 does not have a net-inspect™ account, identify the part number in Form 1 data field 15 and upload a pdf of the FAIR into 'Documents'.
 - Sign Form 1 (data fields 19 & 21); Submit FAIR to R-R for Customer Approval.
 - When Tier-1 is an Integrator a 'shell' FAIR (Form 1 only) is required: Create Form 1, with the part number repeated in data field 15; Identify the manufacturer (Tier-2) and select the FAIR to be linked into data field 18, or upload a pdf of the FAIR into 'Documents'.
 - When Tier-1 is delivering a 'Kit' with a define 'Bill of Parts', a 'shell' FAIR (Form 1 only) is required: Create Form 1, identify all part numbers in data field 15; Identify the manufacturer (Tier-2) and select the FAIR to be linked into data field 18, or upload a pdf of the FAIR into 'Documents'.
- 1. Assembly**
- 1. Forging/Casting/ Assy Detail**

Note: If required, the Customer can view a FAIR in net-inspect™ once the Form 1 has been created. There is no automated signal sent to the Customer at this stage, so the sub-tier will need to notify them by other means.

e-FAIR Submission Path and Approval:

Rolls-Royce FAI approval:



- PD** = Product Definition: generated by Rolls-Royce 'Design Engineering' against an Engine Design Scheme.
 - Manufacturer approves FAIR (Form 1 data field 19).
 - Rolls-Royce Customer Approval (Form 1 data field 23) required when manufacturer is not authorised.
 - ❖ When required these may be approved prior to assembly into the higher-level.

- MD** = Manufacturing Definition: generated by manufacturing against a Product Definition or Production Method.
 - ❖ These will include characteristics flowed down from the Product Definition (PD).
 - Manufacturer approves FAIR (Form 1 data field 19).
 - Rolls-Royce Customer Approval required **ONLY** when the part is delivered direct to Rolls-Royce (© above). In all other instances the FAIRs are to be linked into the higher-level FAIR, but will **NOT** be approved by Rolls-Royce)
 - ❖ Characteristics specified in the assembly Product Definition may have been captured in an Assy Detail FAIR, but for compliance to AS9102 4.1 c. and to ensure conformance to the assembly Product Definition, these characteristics are to be accounted for in the assembly FAIR. Inspection results from the Assy Detail FAIR may be used.
 - ❖ Customer Approval of FAIRs from a sub-tier is at the decision of the organisation placing the purchase order.

e-FAIR Submission Path and Approval:

Rolls-Royce Customer Approval of FAIRs for lower level 'PD' part numbers (e.g. PD12346 & PD12347 on slide 3)

- There are 2 methods that can be used to achieve this:

- **Method 1**

Tier-1 makes the FAIR for the lower level 'PD' part number accessible to Rolls-Royce through the FAIR for the Detail / Assembly part number ordered by Rolls-Royce.

This may be when the Detail / Assembly FAIR has been approved by the Tier-1 and submitted to Rolls-Royce for Customer Approval, or in advance of this as per the **'Note:'** in slide 2.

Rolls-Royce actions

1. The Customer Approver obtains a print of the lower-level FAIR Form 1.
2. 'Wet signs' data field 23 and creates a pdf of the signed form.
3. Uploads the pdf into the Tier-1 Detail / Assembly FAIR, or when this has not been submitted, emails a copy to the Tier-1 who emails onto the applicable sub-tier.

- **Method 2**

The FAIR for the lower level 'PD' part number is to be submitted direct to Rolls-Royce by the sub-tier.

Note: **To be used ONLY when instructed by the R-R Purchase Order:**

Rolls-Royce actions

1. The R-R MEP responsible for Tier-1 MUST obtain agreement from the R-R MEP responsible for Tier-2.
2. If agreed, the Tier-1 MEP instructs the requirement and specific part numbers in the SAP 'Quality Agreement' attached to the 'Quality Information Record' aligned to the PO.
3. The R-R MEP to ensure the part number is recognized in Capricorn.

Supplier actions

1. Tier-2 compiles report in net-inspectTM, assigning R-R as the Customer; signs Form 1 data fields 19 & 21 and submits FAIR.
2. R-R processes FAIR, signing data field 23. Customer Approval.
3. Tier-2 provides a copy of Form 1, signed by R-R.
4. Tier-1 uploads a copy of the Tier-2 Form 1 in their Assembly FAIR.

e-FAIR Submission Path and Approval:

Change History:

| Version | Change | Date | Issued By |
|---------|---|-------------|------------|
| 4.2 | First inclusion of Change History Sheet : Slide 3 - Note added to data field 21 : Slide 5 - change of sequence and wording of some questions and removal of requirement to use the 'Document Type' numbering when uploading documents. | 31-Oct-2018 | M.Bathurst |
| 5.0 | Slide 2 - Bullet 2 (was bullet 3 v4.2) wording revised and 'Note' added (was bullet 2 v4.2) with revised wording. Slide 3 - Content added and wording revised. Slide 4 - Format change only. Slide 5 - Change to required Supporting Documentation. Slide 6 - Slides 6 & 7 (v4.2) combined with revised wording to standardise e-FAIR Submission Path. Slide 7 - Was slide 9 (v4.2) with revised wording, no change to requirement. Slide 9 - Was slide 8 (v4.2) additional 'Assy Detail' boxes inserted. | 01-Jul-2019 | M.Bathurst |
| 5.1 | Content on FAI requirements moved to First Article Inspection Reference Manual. Submission path condensed into one slide and includes FAIR from an 'Integrator' and FAIR for a 'Kit'. New slides on Rolls-Royce e-FAIR approval and how this is achieved when R-R are not the customer. | 12-Jun-2020 | M.Bathurst |
| 5.2 | Slides 2 & 3 - 'Assy Detail' added to Scenario © Slide 3 - Note on *FAIR changed; MD Rolls-Royce Customer Approval, editorial error identified in wording. | 18-Jun-2020 | M.Bathurst |

