



AS9102 Rev B Changes

December 2014

Summary

On January 31, 2015, Net-Inspect will be implementing dozens of updates to accommodate Revision B of AS9102. Many of these will require only slight changes to the way Net-Inspect users approach their FAIs; for example, we will be shifting to black-and-white forms and updating the names of several fields.

However, the following changes between Revision A and Revision B of AS9102 require some explanation, as they should have a significant impact on the Net-Inspect application.

- A manual signature process for all three FAIR forms:
 - Users must now choose to provide a signature; FAIRs are no longer signed automatically when they are saved
 - A FAIR's forms can now be signed individually, by different users
- New terminology that distinguishes between Completion and Submission of a FAIR:
 - A supplier can now select either the "FAI Not Complete" or "FAI Complete" checkbox on Form 1 before submitting an FAI to its customer

These changes will only affect FAIRs created in Net-Inspect after our updates are implemented. FAIRs already existing in Net-Inspect prior to the update will use "Rev A" permanently and will not be affected by the updates. If a *Revision A* FAIR is copied using either the "Copy FAI Report" or "Generate Delta / Follow-up E-FAI Report" link on Form 1, or the FAI Forward tool located on the First Articles menu, then the resulting FAIR will use Revision B.

Details on these modifications are provided below. We will distribute training materials concerning these new features as necessary starting January 5, 2015.

Changes

New FAIR signature capability

AS9102 Revision B clarifies and changes signature requirements: providing a signature now certifies the completion of specific, unique requirements. In order to provide users with a finer degree of control over the signature fields present on the FAIR, we are adding the capability to manually sign (and remove signatures from) each form.

Form 1

Because a signature in Field 19 of Form 1 indicates approval of the entire FAIR, this form must either be signed last or at the same time as the other FAIR forms; both options will be provided. Signing the form will lock the FAIR, preventing further changes until a user chooses to remove this signature.

The image shows a screenshot of the FAIR Form 1 interface and a 'Form 1 Signature' dialog box. Red annotations highlight key requirements and actions.

Form 1 Interface:

- 1) Signature indicates that all characteristics are accounted for; meet drawing requirements or are properly d
- 2) Also indicate if the FAI is complete per Section 5.4: FAI Complete FAI not Complete Void
- Workflow: None
- Customer: CUSTOMER COMPANY
- 19. Signature: [Signature Field] **Signature**

Form 1 Signature Dialog:

- Form 1 Signature
- Sign Form 1, 2, 3 and lock updates
- Sign Form 1 only (Form 2 & 3 must already be signed) and lock updates
- Remove signature on Form 1 and open for edit
- Remove all signatures and open for edit
- User Name: mk
- Password: []
- Buttons: Sign Form 1, Cancel

Annotations:

- One must be selected (points to the FAI Complete checkbox)
- One option must be selected (points to the radio button options)
- Signing locks all three FAI forms, preventing further updates
- Presented to user to complete signature

An approval signature may be provided in Field 21 after each form of the FAIR has been signed. Completing Field 21 will lock the FAIR and all signature fields. Unless the FAIR is reset or rejected by the customer, no further changes will be permitted.

The screenshot shows a web form titled "Pending Buyoff". At the top left, there is a field labeled "21. Reviewed By" with an empty text box. To its right is a checkbox labeled "Close and submit to Customer identified on FAIR" and a "Signature" button. A red box with an arrow points to the checkbox, containing the text "Must be selected". Below this, another red box contains the text "Presented to user to complete signature process". A third red box contains the text "Signing locks the FAIR; no further updates without customer disapproval or reset". The main form area has the following fields: "User ID:" with the value "mk", "Password:" with an empty field, and "Comments:" with a text area. At the bottom, there are two radio buttons: "Sign Form 1 Field 21 only (Form 1, 2 & 3 must already be signed)" and "Sign Form 1 (Field 19 & 21), 2 & 3 and submit to customer". "Submit" and "Cancel" buttons are at the bottom.

Form 2

FAIR Form 2 can now be signed separately from the other forms. Signing Field 14 will lock the form, preventing further changes until a user chooses to remove this signature.

If Form 2 is signed apart from the other two FAIR forms, then they must be signed individually as well; the option to sign all three forms simultaneously will be removed. A signature on Form 2 cannot be removed if Form 1 has been signed as well.

The screenshot shows a dialog box titled "Form 2 Signature". It has two radio buttons: "Sign Form 2 and lock updates" (which is selected) and "Remove signature on Form 2 and open for edit (cannot be removed if form 1 is signed)". Below the radio buttons are fields for "User Name" with the value "mk" and "Password" with an empty field. At the bottom right, there are "Sign Form 2" and "Cancel" buttons. Three red boxes with annotations are on the left: "Presented to user to complete signature process", "Signing locks Form 2, preventing further updates", and "If Form 2 is signed separately, then Forms 1 and 3 must also be signed individually".

Form 3

FAIR Form 3 can now be signed separately from the other forms. Signing Field 12 will lock the form, preventing further changes until a user chooses to remove this signature.

If Form 3 is signed apart from the other two FAIR forms, then they must be signed individually as well; the option to sign all three forms simultaneously will be removed. A signature on Form 3 cannot be removed if Form 1 has been signed as well.

The image shows a screenshot of a software dialog box titled "Form 3 Signature". The dialog box has a close button (X) in the top right corner. It contains two radio button options: "Sign Form 3 and lock updates" (which is selected) and "Remove signature on Form 3 and open for edit (cannot be removed if signed from form 1)". Below these options are two input fields: "User Name" with the text "mk" and "Password". At the bottom right of the dialog box are two buttons: "Sign Form 3" and "Cancel".

Three red callout boxes are overlaid on the left side of the dialog box:

- Top box: "Presented to user to complete signature process"
- Middle box: "Signing locks Form 3, preventing further updates"
- Bottom box: "If Form 3 is signed separately, then Forms 1 and 2 must also be signed individually"

FAIR Disapproval and Resetting

If a submitted FAIR is disapproved by the customer, then the approval signature in Field 21 of Form 1 will be removed. All other signatures will remain in place until a user chooses to unlock each form.

If a submitted FAIR is reset, then the approval signature in Field 21 of Form 1, as well as the customer's signature in Field 23 of Form 1 (if present), will be removed. All other signatures will remain in place until a user chooses to unlock each form.

FAIR Submission and Completion

Users are no longer required to mark a FAIR as Complete in order to submit a FAIR to a customer. Instead, the user may freely select either “FAI Complete” and “FAI Not Complete.”

According to Revision B, these options indicate whether a FAIR contains failing characteristics. If one or more failing characteristics are present, then “FAI not Complete” should be selected. If there are no failing characteristics, then the user would choose “FAI Complete.”

FAI Complete FAI not Complete

The user can now submit a FAIR to its customer by filling a confirmation checkbox and signing Field 21 of Form 1.

21. Reviewed By Close and submit to Customer identified on FAIR **Signature**

Must be selected

Presented to user to complete signature process

Signing locks the FAIR; no further updates without customer disapproval or reset

Pending Buyoff

User ID:

Password:

Comments:

Sign Form 1 Field 21 only (Form 1, 2 & 3 must already be signed)
 Sign Form 1 (Field 19 & 21), 2 & 3 and submit to customer

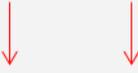
Submit **Cancel**

FAIR Reporting

Net-Inspect pages that report on FAIRs have additional functionality allowing users to identify the submission status of an FAI. Certain reports also provide the AS9102 Revision of a FAIR (A or B).

View E-First Article Inspection Reports

Report Status: Date range: From: To:



Supplier Report Number	Customer	Supplier Part Number	FAI Status	Revision	Submission Status	Buyoff Status	Drawing Revision	Part Re
4827	CUSTOMER COMPANY	Assembly Part 1	Not Completed	B	Not Submitted		BB	A
4826	CUSTOMER COMPANY	Assembly Part 1	Not Completed	B	Not Submitted		BB	A
4825	CUSTOMER COMPANY	Assembly Part 1	Not Completed	B	Not Submitted		BB	A

This new information might be hidden when you first enter the page, but can be shown by removing it from the “Hidden Columns” list.

View E-

Report Status:

Note: The delta E-FAI Reports are prefixed with ⓘ
Note: The locked E-FAI Reports are prefixed with 🔒

Hidden Columns: Pass/Fail Customer Report Number Revision Submission Status



Reporting pages have also been updated for clarity: for example, FAIRs marked as “Not Complete” on Form 1 are no longer referred to as “Open,” since FAIRs marked “Complete” can now remain Open as well.