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Created By: Sandeep
Reviewed By:

HSSEQ Inspection – QA Checklist (Ship & Shore)

1. Record Lifecycle (Ship/Shore)

- A record is created from the ship side.
- User actions on ship side:
  - Create Draft
  - Edit/Update Draft
  - Publish record
- Once Published:
  - Record becomes read-only on ship side
  - Record is available on shore side
  - Editing/updating is only allowed from shore side
- If not published → status remains Draft

2. Inspection Types

User can create records for the following types:

- SIRE
- CDI
- PSC
- FSI
- USCG COC
- Terminal
- Technical Inspection
- Marine Inspection
- New Type
- Other

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3. Common Fields (All Types)

- Type (Dropdown)
- Vessel
- Date
    - Cannot be greater than current date
    - Can be past date
- Country (Dropdown)
- Port (Dependent dropdown based on Country)
- Inspector
- Master
- Chief Engineer
- Chief Officer
- OBS/DEF (Yes / No)

4. Type-Specific Fields

SIRE / CDI

- Inspecting Company

PSC

- Inspecting Company
- MoU
- Detained (Detained / Not Detained)

FSI

- Inspecting Company
- Flag State

USCG COC

- Inspecting Company
- MoU
- Detained

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Terminal

- Inspecting Company
- Terminal Name

Technical / Marine / New Type

- Inspecting Company

Other

- Inspecting Company
- Additional custom field

5. Tabs Behavior

Before Record Creation

- Only General Info tab enabled
- Disabled tabs:
    - Attachments
    - Log
    - Comment
    - Deficiencies

After Saving (Draft or Next)

- Buttons available:
    - Save & Next
    - Save as Draft
    - Publish
    - Cancel

6. OBS/DEF Logic

If OBS/DEF = No

- Deficiencies tab is NOT available
- User can:

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- Add Attachments
- View Logs
- Add Comments

If OBS/DEF = Yes

- Deficiencies tab is enabled
- User must add at least one deficiency before publishing

Validation Message

“There are no Observations recorded for this Inspection. Please select 'No' in Obs/Def under 'General Info' tab before publishing the record.”

7. Deficiency Management

General Rules

- User can:
  - Add / Edit / Delete deficiencies
  - Add multiple deficiencies
- Default status: Open

Deficiency Tabs (after creation)

- Summary
- Root Cause Analysis
- Closure
- Attachments
- Log
- Comment

8. Deficiency Fields (By Type)

SIRE

- Version (Dropdown)
- Chapter (depends on Version)

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- Question No
- Question
- Details
- Category
- Risk (Disabled – Shore managed)
- Target Date
- Question/Observation Type (Single select)
- Element (Max 4 selections)

Special Logic:

- Version 2:
    - Question No dropdown (11.1.1 → 11.1.95)
    - Auto-fill Question field
- Version 6:
    - Manual Question No entry
    - Manual Question entry

PSC

- Details
- Deficiency Code
- Initial Action Code
- Category
- Risk (Disabled)
- Target Date

CDI

- Version
- Chapter
- Question No

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- Question
- Details
- Category
- Target Date
- Question/Observation Type
- Risk
- Element

FSI

- Details
- FSI Def Code
- Other Reference
- Category
- Element
- Target Date
- Risk (Disabled)

USCG COC

- Details
- USCG Defect Code
- Other Reference
- Category
- Element
- Target Date
- Risk (Disabled)

Terminal / Technical / Marine / New / Other

- Details

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- Other Reference
- Category
- Element
- Target Date
- Risk (Disabled)

9. Publish Rules

- If OBS/DEF = Yes:
    - Must have at least one deficiency
- If OBS/DEF = No:
    - Can publish without deficiency
- After publishing:
    - Status = Published
    - All tabs available
    - Record becomes read-only on ship side

10. Post-Publish Actions

- Export record as PDF
- Delete record (based on permissions)
- View all tabs:
    - General Info
    - Deficiencies
    - Attachments
    - Log
    - Comments

11. Deficiency Edit (After Creation)

- Tabs available:

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  - Summary (editable)
  - Attachments
  - Comments
- Risk field:
  - Disabled on ship side
- User can:
  - Update department
  - Upload attachments
  - Add comments

12. Key Test Scenarios

- Draft creation and editing
- Publish restriction when OBS/DEF = Yes without deficiency
- Country → Port dependency validation
- Date validation (future date restriction)
- Tab enable/disable validation
- Type-based dynamic field validation
- Version-based SIRE logic validation
- Multiple deficiency handling
- Read-only behavior after publish (ship side)
- Shore-side editing validation
- PDF export validation

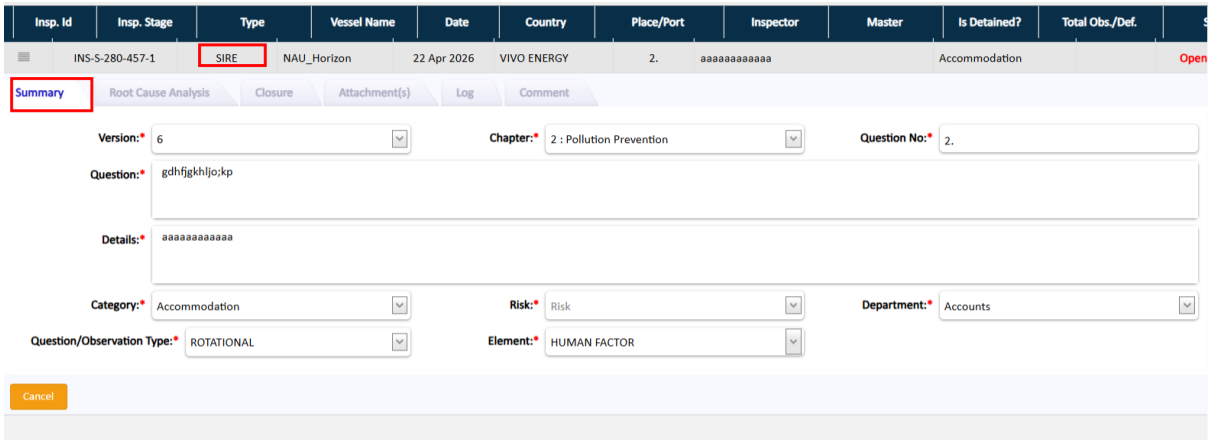
When record is added, nothing added under the tabs except general for the added deficiency

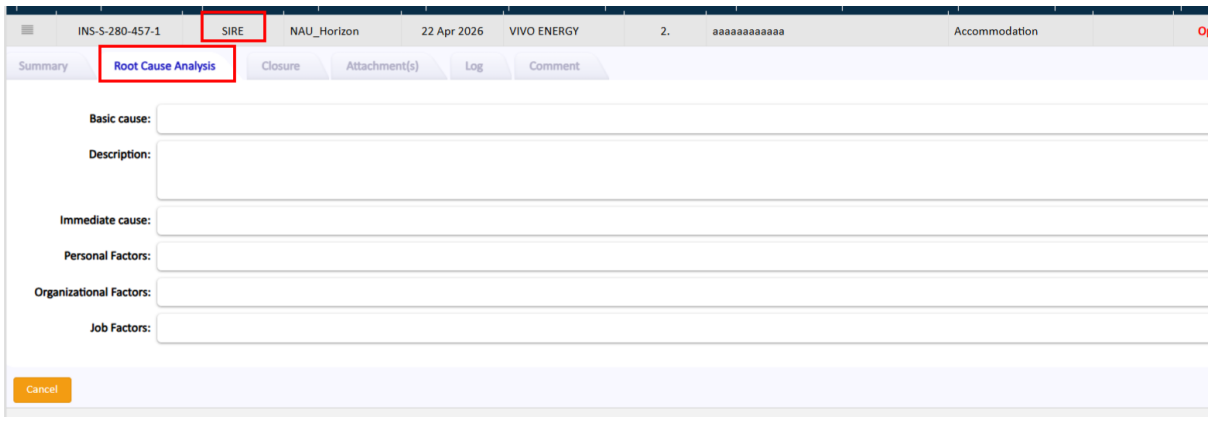
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Action	Insp. Id	Insp. Stage	Type	Date	Country	Place/Port	Inspector	Master	IsDetained	Total Obs./Def.	Status
	INS-S-280-457	Publish	SIRE	22 Apr 2026	AFGHANISTAN	Dehdadi	SIRE OBS Yes	SIRE OBS Yes		1	Open
	INS-S-280-460	Publish	PSC	22 Apr 2026	ALBANIA	Butrint	PSC OBS Yes	PSC OBS Yes	Detained	1	Open
	INS-S-280-461	Publish	CDI	22 Apr 2026	ALBANIA	Butrint	CDI OBS Yes	CDI OBS Yes		1	Open
	INS-S-280-462	Publish	FSI	22 Apr 2026	AFGHANISTAN	Dehdadi	FSI OBS Yes	FSI OBS Yes		1	Open
	INS-S-280-463	Publish	USCG COC	22 Apr 2026	AFGHANISTAN	Dehdadi	USCG COC OBS Y...	USCG COC OBS Yes	Not Detained	1	Open
	INS-S-280-464	Publish	Terminal	22 Apr 2026	AFGHANISTAN	Dehdadi	Terminal OBS Yes	Terminal OBS Yes		1	Open
	INS-S-280-465	Publish	Technical Inspection	22 Apr 2026	AFGHANISTAN	Dehdadi	Technical Inspec...	Technical Inspecti...		1	Open
	INS-S-280-466	Publish	Marine Inspection	22 Apr 2026	AFGHANISTAN	Dehdadi	Marine Inspecti...	Marine Inspection...		1	Open
	INS-S-280-467	Publish	New Type	22 Apr 2026	AFGHANISTAN	Dehdadi	New Type OBS Yes	New Type OBS Yes		1	Open
	INS-S-280-468	Publish	Other OBS Yes	22 Apr 2026	AFGHANISTAN	Dehdadi	Other OBS Yes	Other OBS Yes		1	Open

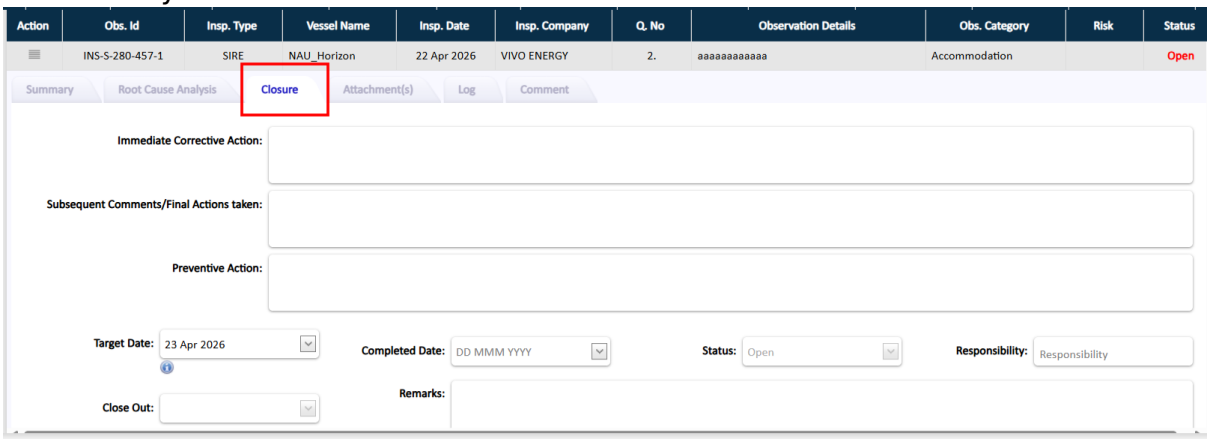
Send/Receive to get it on Shore side

Tabs and Fields:





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Once a record is published, it will be visible on the shore side. For all record types, the status will remain Open on both the ship and shore sides.

Users on the shore side will have the ability to edit or delete the record.

Editing a Record
To edit a record, the user will click on the Edit option. The following tabs will be available:

- General Info
- Attachment
- Log
- Comment
- Deficiency

Record Types (SIRE, FSI, PSC, CDI, Terminal, Technical Inspection, Marine Inspection, New Type, Other)
Under the General Info tab:

- Users can edit or update all fields except:
    - Type
    - Vessel
    - Date
    - OBS/DEF
- The OBS/DEF count will be displayed based on the deficiencies added on the ship side.
- Update and Cancel buttons will be available for user actions.

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Record Type: USCG COC
Under the General Info tab:

- Users can edit or update all fields except:
    - Type
    - Vessel
    - Date
    - OBS/DEF
    - MoU