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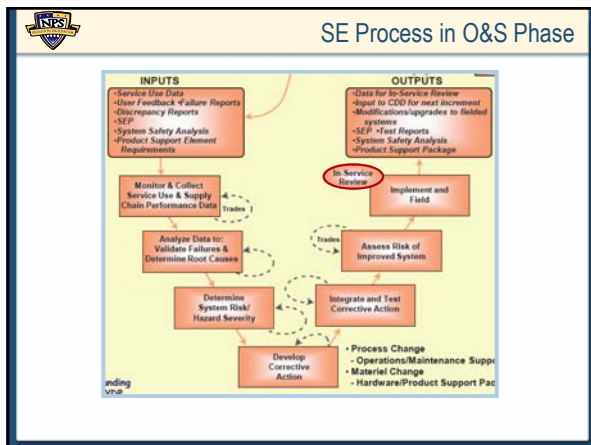
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**Purpose of SE in the O&S Phase**


Includes both Sustainment and Disposal.

Looks for causes of safety problems.

Examines readiness issues and ways to resolve issues.

Signs that system is ready for upgrade or replacement:

- Interoperability issues due to improvements in technology
- Parts obsolescence
- Manufacturing obsolescence
- Aging system issues
- Premature failures
- Changes in lubricants and fuel
- Loss of joint or service commonality




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## Inputs to SE Process

Prior to the O&S SE Process, the following activities have been completed:

- FRPDR
- IOT&E
- LFT&E
- Beyond LRIP Report sent to Congress

Service Use Data helps inform decisions made in O&S phase.

Type of data needed may change over the life of the system.

### INPUTS

- Service Use Data
- User Feedback
- Failure Reports
- Discrepancy Reports
- SEP • PESHE
- System Safety Analysis

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## In-Service Review

A multi-disciplined product and process review.

Ensures proper employment and risk is understood and managed.

Checks 'health' of system.

A good ISR provides:

- Overall hazard assessment
- Operational readiness assessment
- Status of current problems



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## Outputs from SE Process

SE Process generates information that will contribute to future increments.

Output from SE Process will be use in future ISRs.

Problems in current increment are studied in SE Process and recommendations are made for modifications or upgrades.

### OUTPUTS

- Data for In-Service Review
- Input to CDD for next increment
- Modifications/upgrades to fielded systems
- SEP • Test Reports
- System Safety Analysis

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