

# Is every discretionary hour earning its place in the window?

Most STO work lists carry hundreds of discretionary items that were never tested with data. STO-SDC runs a two-stage, risk-based challenge on every one, live with your team and a reliability expert panel in the room, so the scope that survives is the scope that belongs.

- Challenge the list. Keep what earns it.

EVERY ITEM, ONE DISPOSITION

**Include:** it earns its place

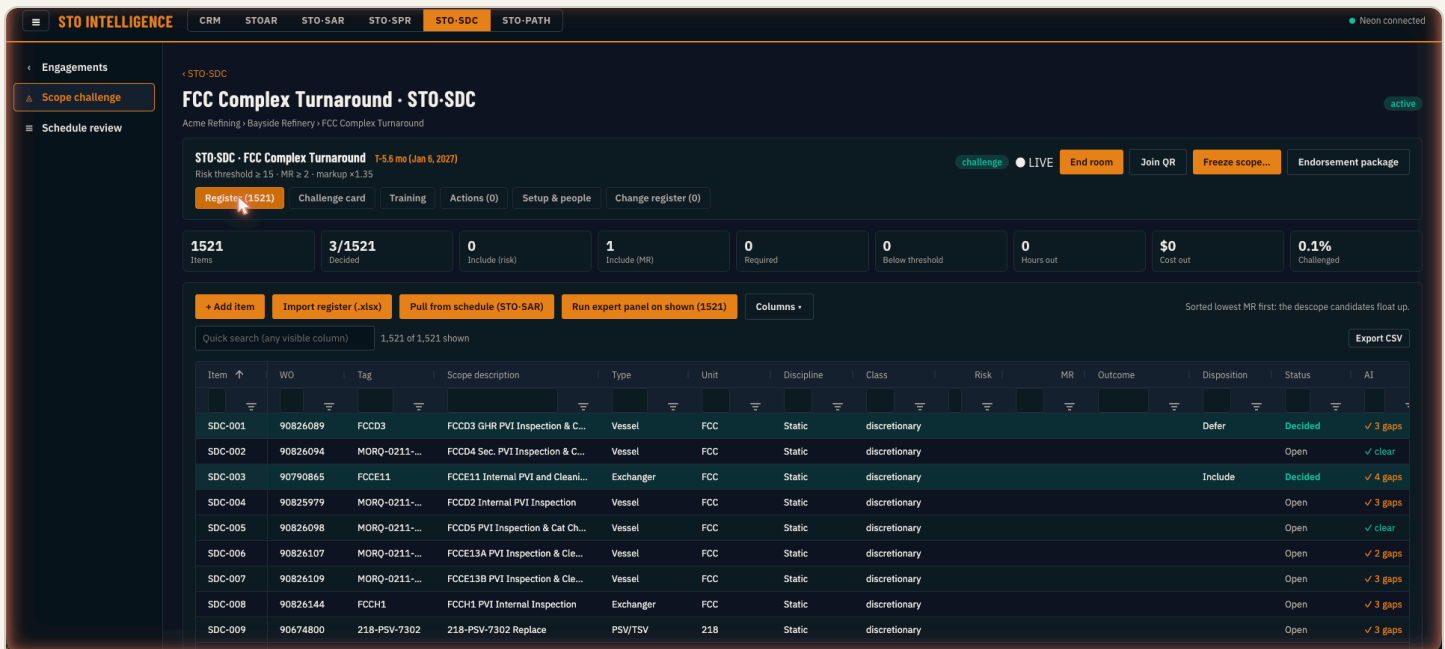
**Reduce:** trim the scope back

**Defer:** move to a later window

**Offload:** run it online, not in the STO

**Eliminate:** drop it

Every decision recorded, quantified, and defensible.



The live challenge register: every discretionary item scored, sorted lowest mitigation-ratio first.

ILLUSTRATIVE DEMO DATA

## — THE PROBLEM

### Work lists grow by accretion, not by decision.

#### THE SCOPE DUMP

Items carried with no basis anyone can point to

#### RISK BY GENERIC CURVE

Failure probability from a generic distribution that overstates it

#### UNDOCUMENTED REVIEW

A challenge no one can defend or repeat

## — A TWO-STAGE, RISK-BASED CHALLENGE, WITH DATA IN THE LOOP

### 01 • RISK SCREEN

#### Before and after

Score the risk skipped and the risk if done. A severe risk forces an item in only when the work actually reduces it.

### 02 • MITIGATION RATIO

#### Value over cost

The risk removed over ROM cost, priced on your real daily margin and rate-loss, against a minimum ratio.

### 03 • POST-FREEZE

#### A rising bar

After freeze, additions face an escalating hurdle as the event nears and the growth allowance is spent.

One item's challenge card: the before/after risk screen, the mitigation ratio, and the AI expert panel testing the justification.

ILLUSTRATIVE DEMO DATA

## THE DIFFERENCE • 01 • A RELIABILITY PANEL ON EVERY ITEM

A multi-discipline expert panel (fixed equipment, rotating, E/I&C and SIS, heat transfer, operations) reads every item against your premise and sharpens the challenge. It coaches and questions; it never certifies, and issues no SIL, RBI, or fitness-for-service verdict. It reasons only over a retrieved reference pack, cites a standard only when supported, and every finding must survive an adversarial review before it reaches the room.

## THE RELIABILITY CASE • MORE SCOPE IS NOT SAFER SCOPE

Scope challenge gets resisted because it sounds like cutting corners. It is the opposite. Failures cluster at the start of an equipment life and again at the end; opening healthy mid-life equipment does not move it along that curve, it puts it back at the start of it, with fresh early-life risk carried straight into startup.

The goal is optimal scope, not maximum scope: work belongs where there is evidence of an active mechanism, not where the equipment is simply accessible.

Not cost-cutting, which operations resists. Reliability discipline, which operations owns.

## WHAT YOU GET

IN  
Discretionary work list



ENGINE  
Challenge + panel + room



OUT  
Frozen register + change control

Every discretionary item with a recorded disposition (include, defer, eliminate, offload, reduce), its quantified basis, and the hours and cost moved, plus an endorsement package and post-freeze change control. Intake by spreadsheet or pull scope items from a linked schedule via STO-SAR.

## Challenge your next work list before it locks.

Send us the discretionary work list for the event you are planning now. We will show you what earns its place and what comes out.

Book a call

stointelligence.com

Call or text +1 832 900 2592