



INCIDENTS AT SEA – CONTAINER DAMAGES & LOSSES

EARLY STAGE ANALYSES PAVE THE WAY FOR BEST INCIDENT
MANAGEMENT AND PREVENTION OF INCIDENTS



Causes

- Unexpected heavy weather conditions - streams, wind etc.
- Poor lashing performance
- Inadequate stowage planning
- Outdated loading computer solutions
- Disinterest in working with classification societies



Challenges

- Board risk assessment
- Rapid implementation of emergency protocols - EMS guideline
- Invalid pre-incident loading conditions
- Lack of effective communication and information exchange across emergency response team



Results

- Salvage operation
- Environmental pollution
- Seafarer fatalities
- Loss of money, cargo & reputation
- Criminal investigation

BEST PRACTICES ON INCIDENT MANAGEMENT & PREVENTION

Effective Incident Management

It leads to execute best decisions in case of emergency and eliminates administrative hustles.

Real-Time Visualisation of on-board Situation

(MACS3 Connected & Bluetracker ONE)

- Work with mobile ready solutions
- Condition Check - DG, Lash Forces etc.
- Visibility of DG cargo & operational ship data

Have One Source of Truth

(MACS3 Loading Computer)

- Vessel profile; Loading Conditions; Stability & Strength Calculations

Easy & Fast Reconditioning

(MACS3 Connected & Bluetracker)

- Data distribution across all stakeholders

Preventive Measures

Bringing a macro perspective, which eliminates avoidable errors to prevent incidents from happening

Approved Lashing

(MACS3 Loading Computer)

- Work with advance solutions approved by all major classification societies.

Proactive Warning

(MACS3 Connected & StowMan)

- Automatic Feedback in case of conflictual situation of DG checks or lash forces
- Flexibility to choose for which conditions to get heads-up
- Four-eye principle

Well-Trained Crew on-board

(MACS3 e-learning)

- Awareness of conflicts in condition checks

Real-Time Collaboration

(MACS3 Connected)

- Share the same view on loading conditions between on-shore &

Up-to-Date Loading Computer

(MACS3 Loading Computer)

- Work with a solution that successfully implements and follows up latest rules and regulations in the maritime business

NAVIS SMART SOLUTIONS

Incident Management - Preemptive

MACS3 Loading Computer;
MACS3 Connected; Bluetracker

Benefits

Eliminate tedious administrative processes

Focus on emergency management

EMS

Guidance on handling DG cargo

Easy access to operational ship & weather data

Damage control & fulfill insurance requirements

Rapid dissemination of information

Effective communication across Flag State Authorities,

Insurance & Salvage Companies, Classification Societies etc.

Preventive Measures- Proactive

MACS3 Loading Computer; StowMan;
MACS3 e-learning; MACS3 Connected

Benefits

Replacement of siloed IT solutions

Focus on daily business

Condition check for on-shore teams

Ensure fleet-wide safety

Automatic warning processes

Focus on exception handling

Training

Every stakeholder knows how tools contribute for preventive measures

Work with advanced systems

Avoiding malfunctions into daily processes

