

Marine Accident Investigations - Service map



Who is this document for?
 Anyone who needs to understand the impact of EU Exit on the Marine Accident Investigation Branch (MAB) service continuity.

What is this document for?
 This document is a map of the service that the MAB operates. It's a tool for EU Exit contingency planning and shows where there is a dependency on European Union technology (that is only available to member states). It shows which user groups and user activities are at risk after EU Exit.

| | INCIDENT HAPPENS | INCIDENT REPORTED | NOTIFICATION | CASE OPENED (OR CLOSED DEP ON FURTHER ENQUIRIES) | TRIAGE | INVESTIGATION BEGINS | INVESTIGATION ENDS | REPORT WRITTEN (DRAFT) | RECOMMENDATIONS | CONSULTATION | REPORT PUBLISHED (including recommendations) | CASE CLOSED / ACTIONS COMPLETE | DATA ANALYSIS | GUIDANCE | | | | | | | | |
|-----------------------------------|--|---|---------------------------------------|--|---|--|--|--|--|---|--|---|--|--|--|--|---|---|---|--------------------|----------------------------------|---|
| TOUCHPOINTS | | Phone call / email The press Accident Report Form (ARF) Coastguard system | Criteria doc report | EMCIP | Phone call / email / ARF / Word of mouth The press Seaweb boss?? | ARM (piece of paper attached to the ARF) | | Draft accident report | Draft accident report | CI letter Safety bulletin Published report by email / letter / website / social media | Feedback consultation documents (Word Docs) | Post Email Internet | Spreadsheet exports | Published online? | | | | | | | | |
| INSPECTION TEAMS | Teams monitoring channels | Populate database with "notification data". If the data is incomplete, follow up. (Only once the data is on EMCIP is the initial assessment done) | Initial assessment | The process of Notification is done within a certain amount of time Investigation not needed | Printed report given to inspection team Inspector reviews ARF and makes a decision whether or not further enquiry is needed | A subset of EMCIP information goes onto the Case Management System (CMS) MAISY Case closed | Produce Accident Report Memo (ARM) and submit to EMSA via EMCIP ARM includes the decision on whether or not to investigate ARF + ARM get filed | Lead Inspector / Inspector start investigation (Deployed to sea) | Investigation data is collected over time | Database milestones updated (Investigation status) | Resource allocation to writing report | Report Quality Assurance process Tech edits PI, DCI, CI Pub + | Identifying 'gap' / need for recommendation Recs officer action SMART and Unique | Report is password protected and details are shared along with the report | Re-version the report and take off the password protection Report reformatted in InDesign Distribute report | Ensure all the report documents are tied up | Publish report to EMCIP Markup of assessment results Paper filing / e-filing | Complete data gaps on EMCIP (e.g. shipping data) | Map the report to the EMCIP taxonomy | Quick check of GIS | Put a subset of info on EMCIP | Produce guidance More detail needed |
| NOTIFIERS | | Nominated individuals, e.g. Coastguard inform MAB | | | | | | Completion of Final Analysis Review (FAR) (Process) | Review of potential recommendations | Recipient of recommendations | Feedback on consultation | Report available | | | | | | | | | | |
| INVESTIGATION PARTICIPANTS | People on board are affected by an accident | | | | Further enquiries | | | Review of potential recommendations | Recipient of recommendations Do recommendations happen before consultation and publication? When is action taken? | Do investigation participants feed into the consultation? | Those responsible take action? | | | | | | | | | | | |
| ANALYSTS | | An incident can trigger a safety study | | | Report on previous accidents | | | Analysis of similar accidents | | Review report for statistical accuracy | | | Codify analysis within EMCIP and submission on each What does this mean? | Respond to ad-hoc requests | | | | | | | | |
| REGULATORS | | | | | | | | Identify relevant regulatory issues | Review of potential recommendations | Recipient of recommendations | | | | Go straight to EMCIP to view data subsets | Produce regulatory requirements | | | | | | | |
| INTERESTED PARTIES | | Shipping companies are informed | | EMCIP flag states notify each other if a vessel involved in an incident is owned by or in the location of those flag state | | | | All evidence submitted or collected | Review of potential recommendations | Recipient of recommendations | Users notified that report has been published (Ministers, press) Some request hard copies | | | EMSA reject or approve submission | Requests for info from... Who? | Read guidance | | | | | | |
| KEY DATA | | There is a dataset which is pre-defined called "notification data" Vessel data Location (not public) EMCIP queries EQUASIS | Criteria to assess Incident report | Subset of ARF data 30 specified fields are completed | Vessel details, owner details, location, flag, coastal side, latitude and longitude | Teams legally must protect witness data | EMCIP reflects "full investigation" vs "notification" Injured person details (all information to pass verification) What's this? | Analysis data added to database Audio recordings, documents, images, emails, QA data | | List of consultees | There are standard groups that receive every report And also a list of specific users | What data? | E.g. shipping data from Lloyds | EMCIP taxonomy | EMCIP rejection / approval based on automated check and then manual EMSA check EMCIP data passed to GIS | On request | | | | | | |
| TECHNOLOGY | | Coastguard system What is this system? What does it do? EMCIP defines data SEAWEB / EQUASIS (for vessel details) | | EMCIP | EMCIP MAISY | EMCIP MAISY | MAISY | Evidence Management System (EMS) (Tri-branch - shared with Air and Road safety agencies) | Which database? | GOV.UK Social media | MS Office SharePoint | GOV.UK MAISY (for addresses and emails of recipients) Adobe InDesign | Non-relational database (pending replacement) EMCIP EMCIP?? | EMCIP | EMCIP | EMCIP GIS (International Maritime Organization - IMO) | Microsoft Access database Spreadsheets | GOV.UK? | | | | |
| PAIN POINTS | | Incidents are not always reported Data from MCA is on a read-only PDF Notification data is not always complete | | Printing of reports | Transfer of data between EMCIP and MAISY System speed makes this time consuming EMCIP requires more information than MAIB requires (for initial logging of case) | | Imbalanced in / out ratio Resource management (people) | Emergent evidence | Rejected data inputs Data taxonomy | | Proper software | Midnight publish | Analysis takes 1 day (EMCIP) Down to 20 mins | EMCIP rejects submission if it's "wrong" | Subjectivity of data and EMSA QA process | Data which is shared with GIS is not known | Data takes 1 week to extract from EMCIP to analyse | | | | | |