

The top of the slide features a banner with a sepia-toned photograph of miners working in a mine. On the left side of the banner, the letters 'QMRS' are written in a large, bold, red serif font. On the right side of the banner, the text 'Minding Our Miners' is written in a smaller, white, sans-serif font.

QMRS

Minding Our Miners

Mine Emergency Management System.

Presented

by

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Current issues

- Goals, Objectives and Priorities not always clear
- Poor change overs
- Lack of control
- Reducing major incident experience
- Large numbers in IMT

Current issues

- Decision making - barriers/breakdowns
- Decision making models not applied
- Components of Emergency Management are missing
- Information gathering can be somewhat vague
- Inadequate facilities - no plans, loss of recorded information

Modelling the Future

- Need to improve our approach
- Need to employ an effective system
- Need for a robust structure of organization
- Need to understand the linkages & disciplines
- Political and Economic demand to manage emergencies.

The Purpose of MEMS

- Provide structure and coordination in the management of emergency operations.
- Ensure the safety and health of all people

Principles of MEMS

- one controller
- functional delegation
- management by objectives
- span of control

One Controller

- It is essential that one person, the Incident Controller, establishes control
- He is responsible for managing the entire response to the incident, and is provided with the necessary organizational support to ensure effective command, control and coordination.

Functional Delegation

- **Control:** The management of the incident (**Direction and decision-making**)
- **Operations:** The direction of the mines resources in combating the incident (**Execution**)
- **Planning:** The collection and analysis of incident information and the planning of response activities (**Options and Alternatives**)
- **Logistics:** The provision of resources, facilities, services and materials required to combat the incident. (**Resourcing**)

Management by objectives

- Management by objective requires an objective to be identified.
- The control of the incident revolves around the objective being communicated to and complied with by all those involved in the operation.

Management by objectives

- **Objective** A goal or statement of what is to be achieved
- **Strategy** – A strategy defines what is going to be done.
- **Tactic** – A tactic indicates how a job will be done.

Span of control

- The span of control relates to the number of groups or persons who can be successfully supervised by one person.

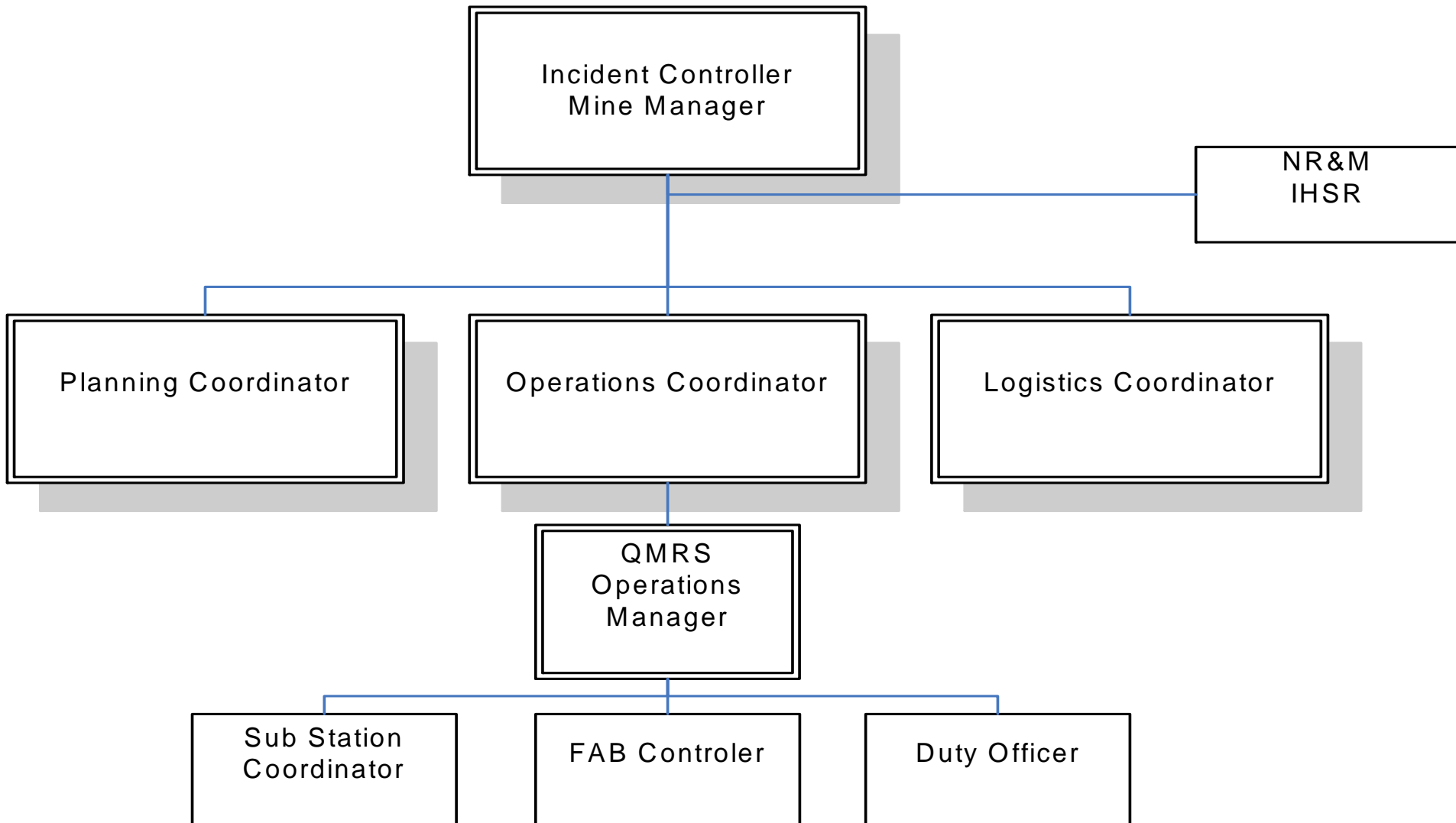
MEMS Relationship

Incident Controller
Responsible for overall
incident management

Planning
Responsible for the
collation of incident and
resources information and
prediction of development.

Operations
Responsible for
management and
supervision of the mines
resources as delegated.

Logistics
Responsible for the
provision of
Facilities
Services
Materials
Finance



MEMS Roles and Responsibilities

Incident Controller

- assume control
- assess the incident
- approve any plans in the combat of the incident.
- allocate tasks
- maintain safe practices

Incident Controller

- report to corporate/head office
- review any incident plans
- organise changeovers
- liaise with supporting personnel
- manage the media
- maintain a log of activities

Operations Coordinator

- develop the Operations portion of an Incident Action Plan
- debrief witnesses, bystanders and casualties.
- brief and allocate operations personnel
- manage and supervise operations at the incident
- establish and maintain assembly and staging areas

Operations Coordinator

- determine need additional resources
- Assemble/re-allocate Mines Rescue Teams and other personnel Groups
- initiate recommendations for the release of resources
- report special incidents and accidents
- maintain a log of activities

Planning Coordinator

- process information relating to the current and predicted incident situation
- maintain records about the location and deployment of resources
- maintain an information service
- liaise with technical specialists

Planning Coordinator

- facilitate planning meetings with other members of the IMT
- develop alternative control objectives and strategies
- coordinate the development and dissemination of the Incident Action Plan
- organise incident demobilization

Logistics Coordinator

- plan the organisation of Logistics
- allocate tasks to logistics personnel
- participate in the preparation of the Incident Action Plan

Logistics Coordinator

- process requests for additional resources
- provide management support
- ensure that a Communications Plan is prepared
- estimate future service and support requirements

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Benefits of MEMS

- Standard system of emergency management
- Standard IMT training
- Exposure for IMT members
- Better control of mine emergencies
- Interaction with other agencies currently using other ICS system
- QMRS already using MEMS structure

Benefits of MEMS

- Safety, Health and Wellbeing
- Delegates responsibility
 - Applicable to emergency and non emergency incidents
- Enhances changeovers
- Systematic management development as incident escalates
- Information recording



QMRS

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Questions?