

Emergency Response Management

How to set-up an efficient system

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**WORKSHOP ON EMERGENCY RESPONSE IN OFFSHORE
HYDROCARBON INSTALLATIONS**





OUR PURPOSE:

**TO SAFEGUARD LIFE, PROPERTY
AND THE ENVIRONMENT**

OUR VISION:

**GLOBAL IMPACT FOR A SAFE AND
SUSTAINABLE FUTURE**

Helping businesses manage their most critical risks is a balancing act



DNV GL: a quality assurance and risk management company



STIFTELSEN
DET NORSKE VERITAS

Stiftelsen Det Norske Veritas is a free-standing, autonomous and independent foundation whose purpose is to **safeguard life, property and the environment**.



MARITIME



OIL & GAS



ENERGY



BUSINESS
ASSURANCE



DIGITAL
SOLUTIONS



150+ years

100+
countries

100,000
customers

12,500
employees

5%
of revenue spent on
R&D

Internal emergency response plans (OSD DIRECTIVE 2013/30/EU)

Operators and owners are encouraged to establish effective corporate safety and environmental policies and to give effect to them in a comprehensive safety and environmental management system and **emergency response plan**.

Art. 14.1 Member States **shall** ensure that **operators or owners**, as appropriate, prepare **internal emergency response plans** to be submitted pursuant to point (g) of Article 11(1). The plans shall be prepared in accordance with Article 28 taking into account the **major accident risk assessment** undertaken during preparation of the most recent **report on major hazards**. The plan shall include an analysis of the oil spill response effectiveness.

Chapter VII - EMERGENCY PREPAREDNESS AND RESPONSE

Art. 28 Requirements for internal emergency response plans

Art. 29 External emergency response plans and emergency preparedness

Art. 30 Emergency response

Emergency Management Programme

Programme should be established to addresses:

- Preparedness (continual and systematic assessment of risk during emergency situations)
- Response (risk reduction to a level that is ALARP for risks arising during evacuation, escape and rescue in case of emergency)
- Recovery
- Lessons learned

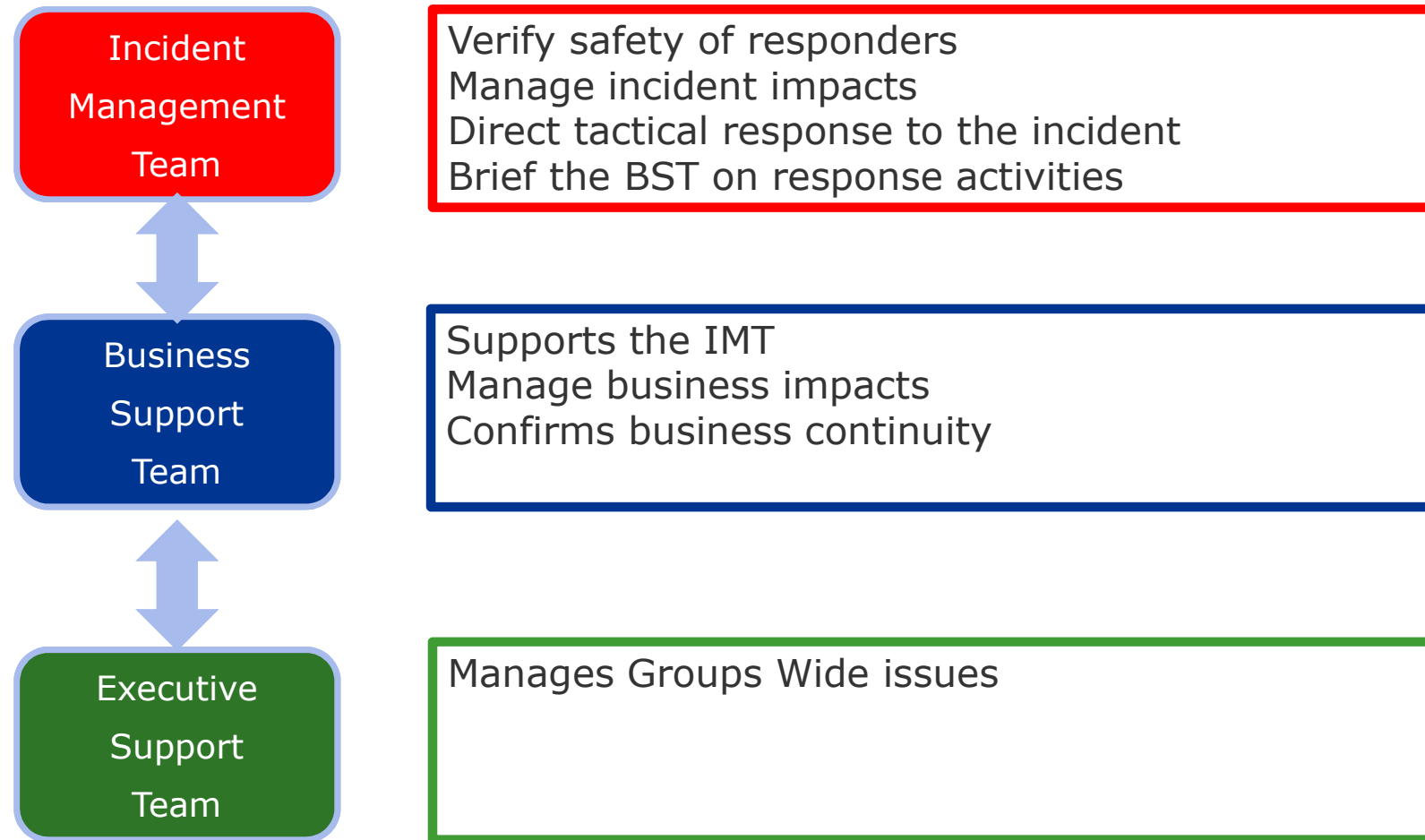


Response Philosophy

- Over-react
- Assessment
- Response
- Stand-down



Emergency Response Organisation



Incident Management Plan/Programme

IMPs shall contain the following elements necessary to respond to an emergency event:

- Pre-planned strategy
- Pre-planned tactics
- Pre-planned resources (e.g., people, supplies, equipment)



Incident Management Plan

IMPs may address multiple scenarios or specific emergency scenarios, such as:

- Fire
- Explosion
- Oil spill
- Toxic or flammable gas release
- Medical evacuation
- Search and rescue
- Severe weather



Business Support Team and Executive Support Team

BST fulfils the following responsibilities:

- Provide support to the IMT
- Manage business impacts, including business continuity

Business Support Plan describes how BST:

- Forms to manage the issues presented to the business because of an incident
- Provides support to the IMT
- Co-ordinates with the EST



Business Support Team and Executive Support Team

EST manages issues arising from an incident that could have Group-wide implications:

- Reputation
- Operability
- Viability
- Earning power

Executive Support Plan describes how the EST:

- Forms to manage the Group level issues resulting from an incident



Emergency Response

- Notification and activation
- Assessment of incident potential
- Escalation
- Stakeholder engagement
- Internal and external communications plan
- Long-term response



Post Incident Review

A post-incident review shall be conducted to:

- Identify lessons to be learned
- Define and track corrective actions resulting from the lessons learned
- Make lessons learned available to the wider organisation



Thanks for your attention

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