



Petrofac 

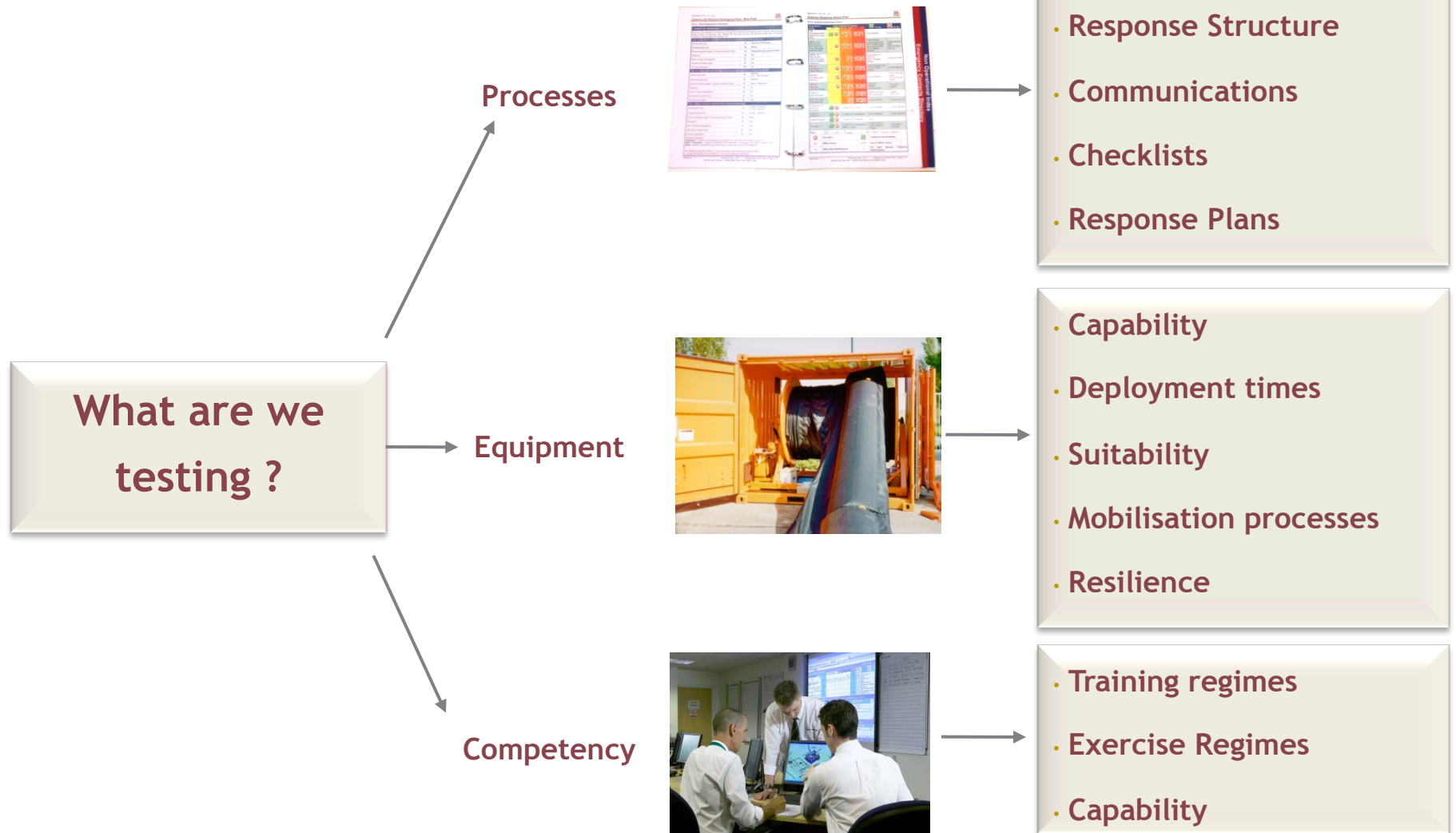
Oil Spill Response

Exercise Planning

Delivered by: Andy Lang

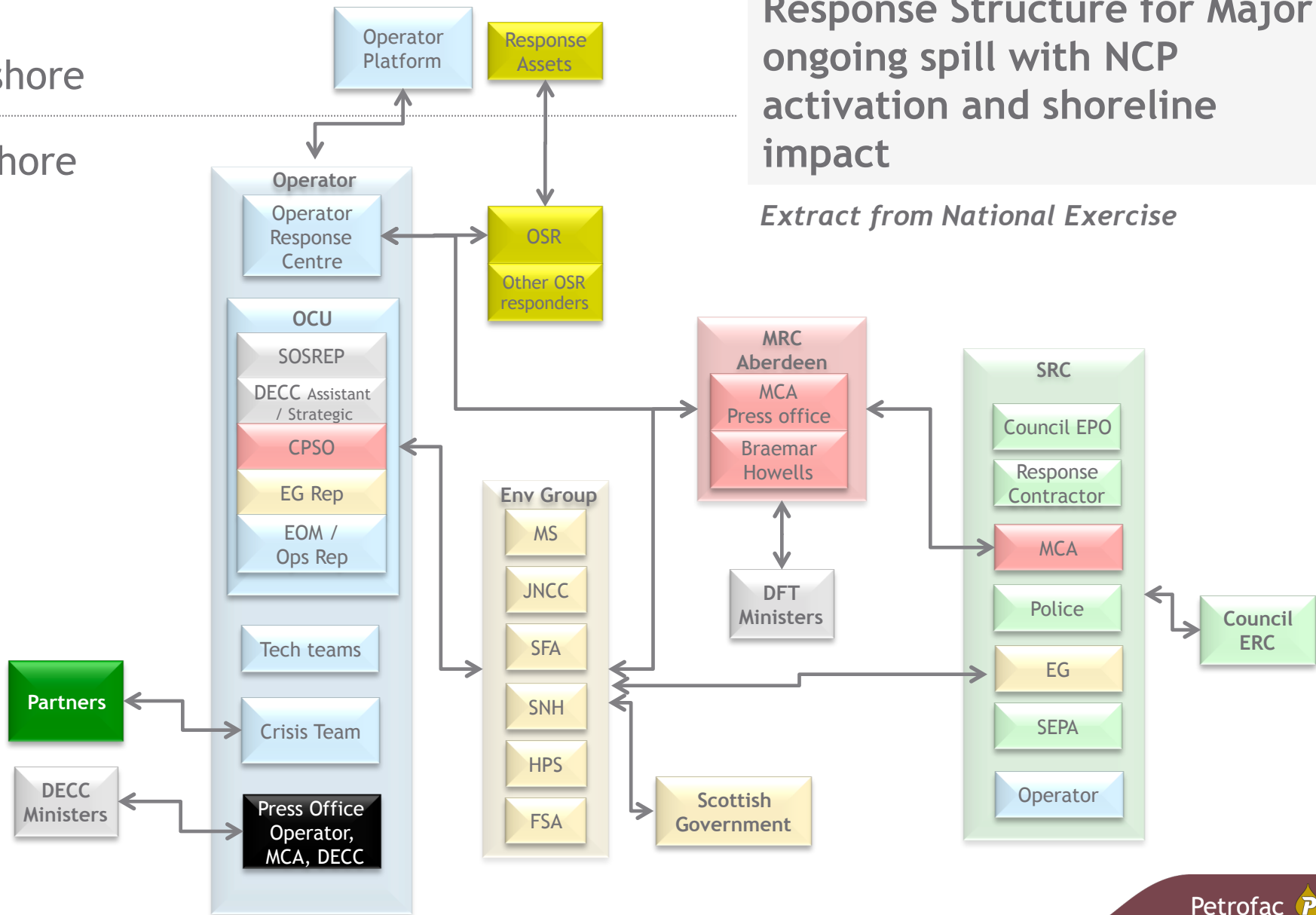
Date: 15th March 2012

Establishing Objectives



Offshore

Onshore





Vessel on DP

Scenario

Extract from National Exercise

Riser & Landing String

LMRP

BOP action to Emergency Disconnect

- Close Sub-sea test tree
- Lower pipe rams close around the SSTT
- Lower Casing Shear ram closes shearing the production string @ shear joint.
- Pipe retracted allowing upper blind shear rams to close = affect good seal



4.5" Production String used for well test

Disconnect point

Shear rams partly shut

Pipe rams Shut

BOP

SSTT Failed to close.











































SSTT = Subsea Test Tree

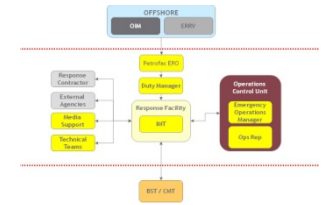
LMRP = Lower Marine Riser Package

Main conductor

Well

Exercise Documents

Exercise Orders						
Exercise Instructions						
Outline Scenario						
Timeline						
Participant Brief						
Role-player Brief						
Comms Diagram						
Technical Support Data						
Telephone Directory						
Faxes						
Charts & Modelling						
Evaluator Assessment Forms						
Feedback Forms						



Document Users

Exercise Directors 

Directing Staff 

Observers 

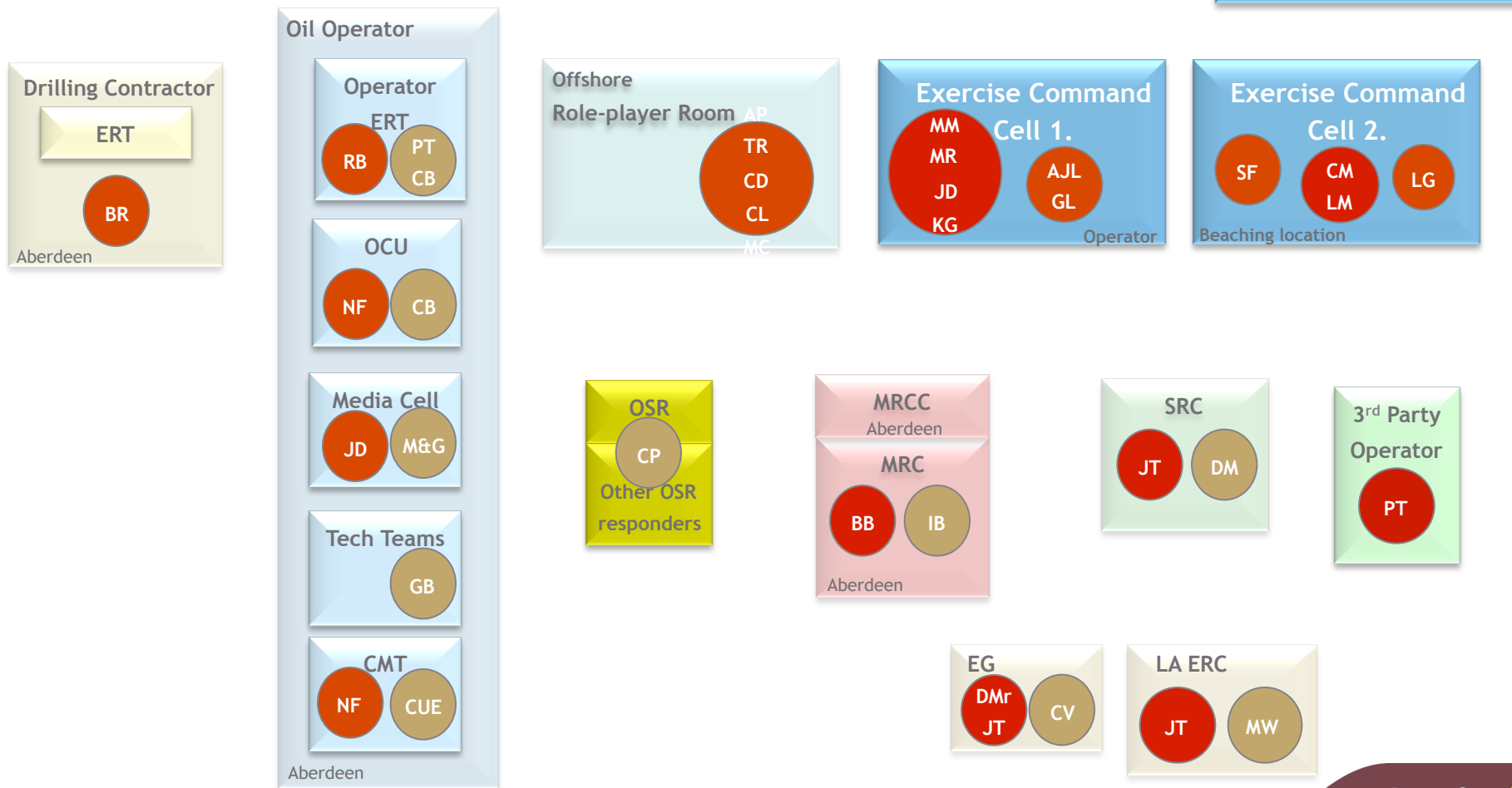
Technical Role-Players 

Evaluators 

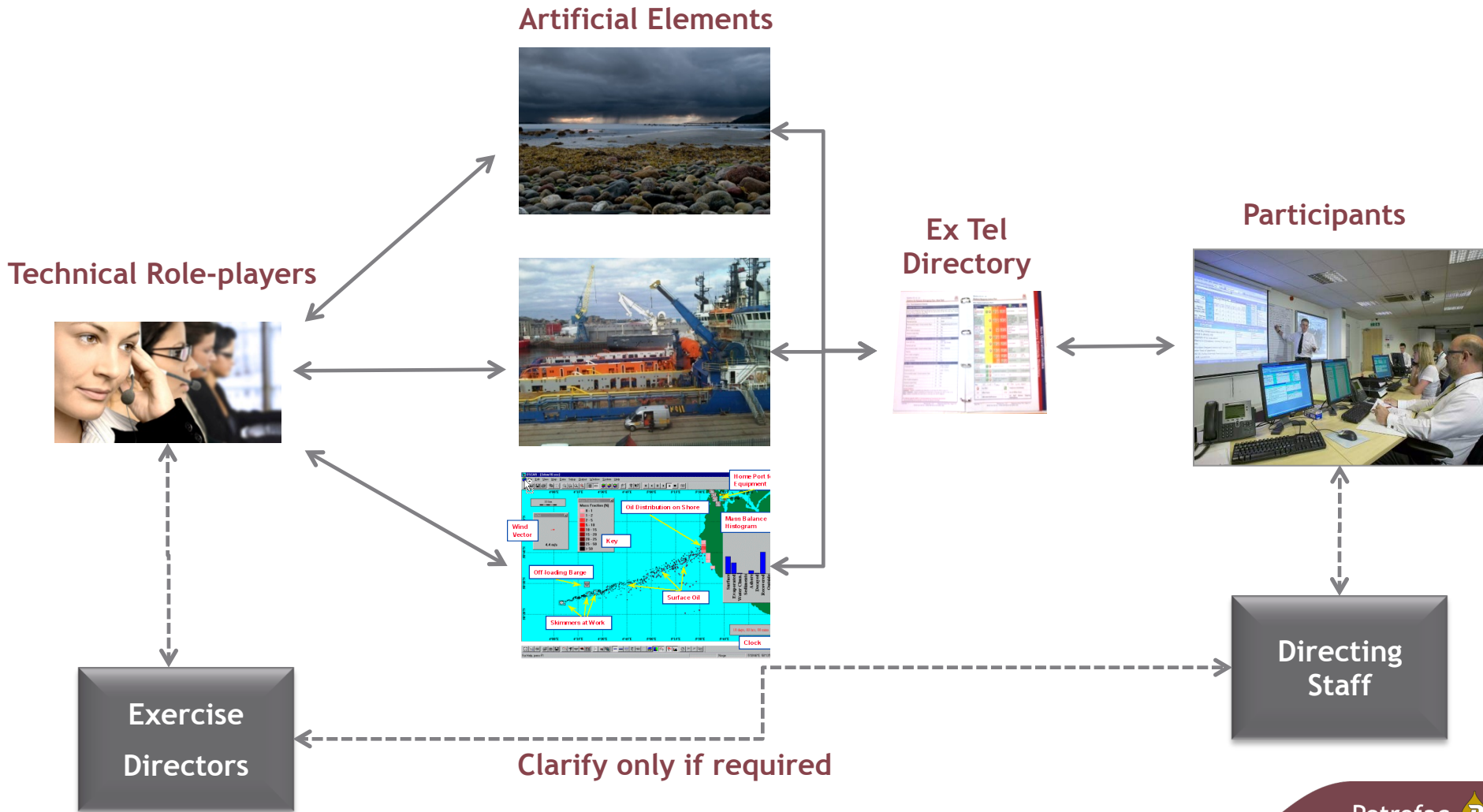
Participants 

Evaluation & Directing

Extract from National Exercise



Managing Exercise Parameters



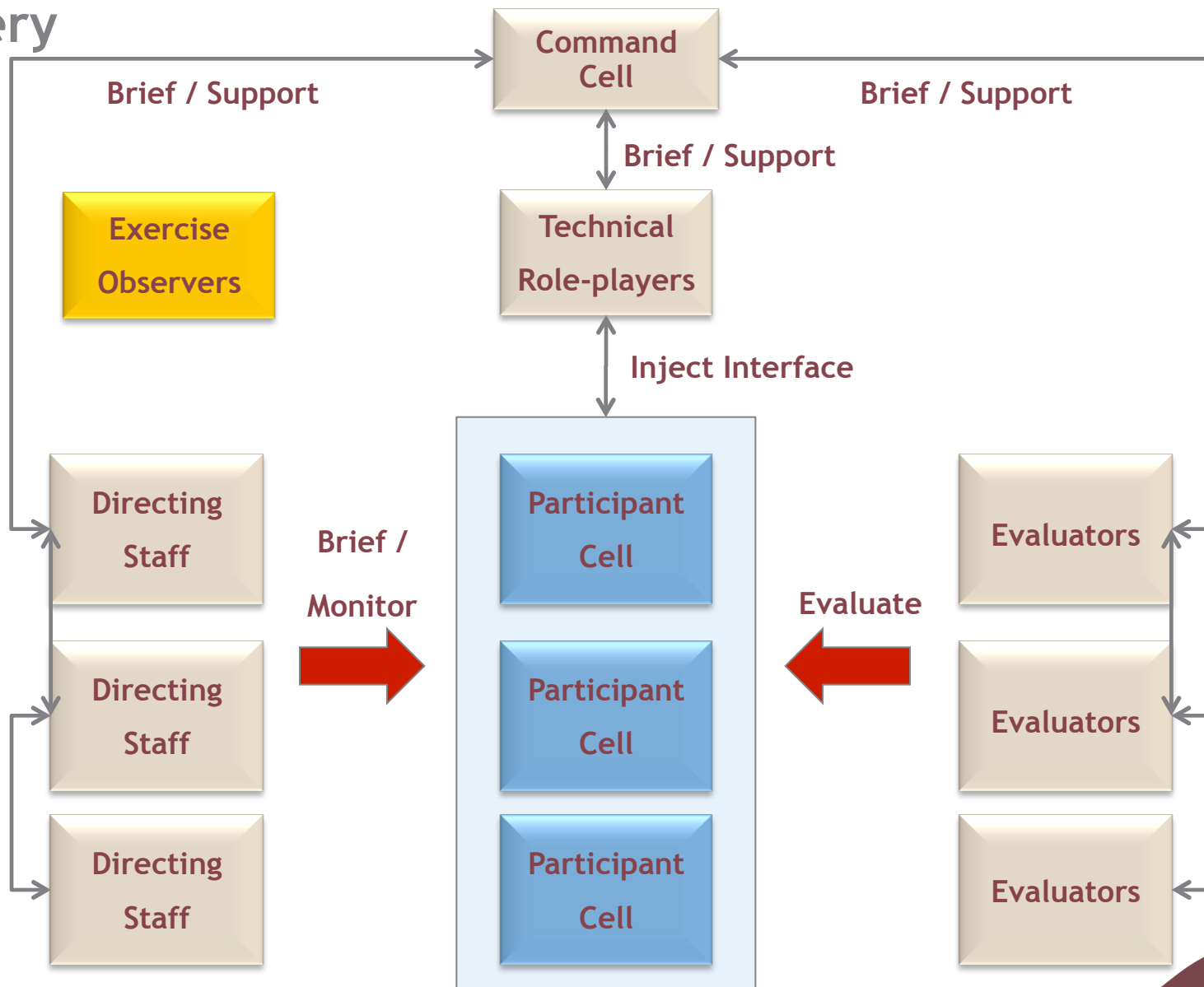
Planning Team



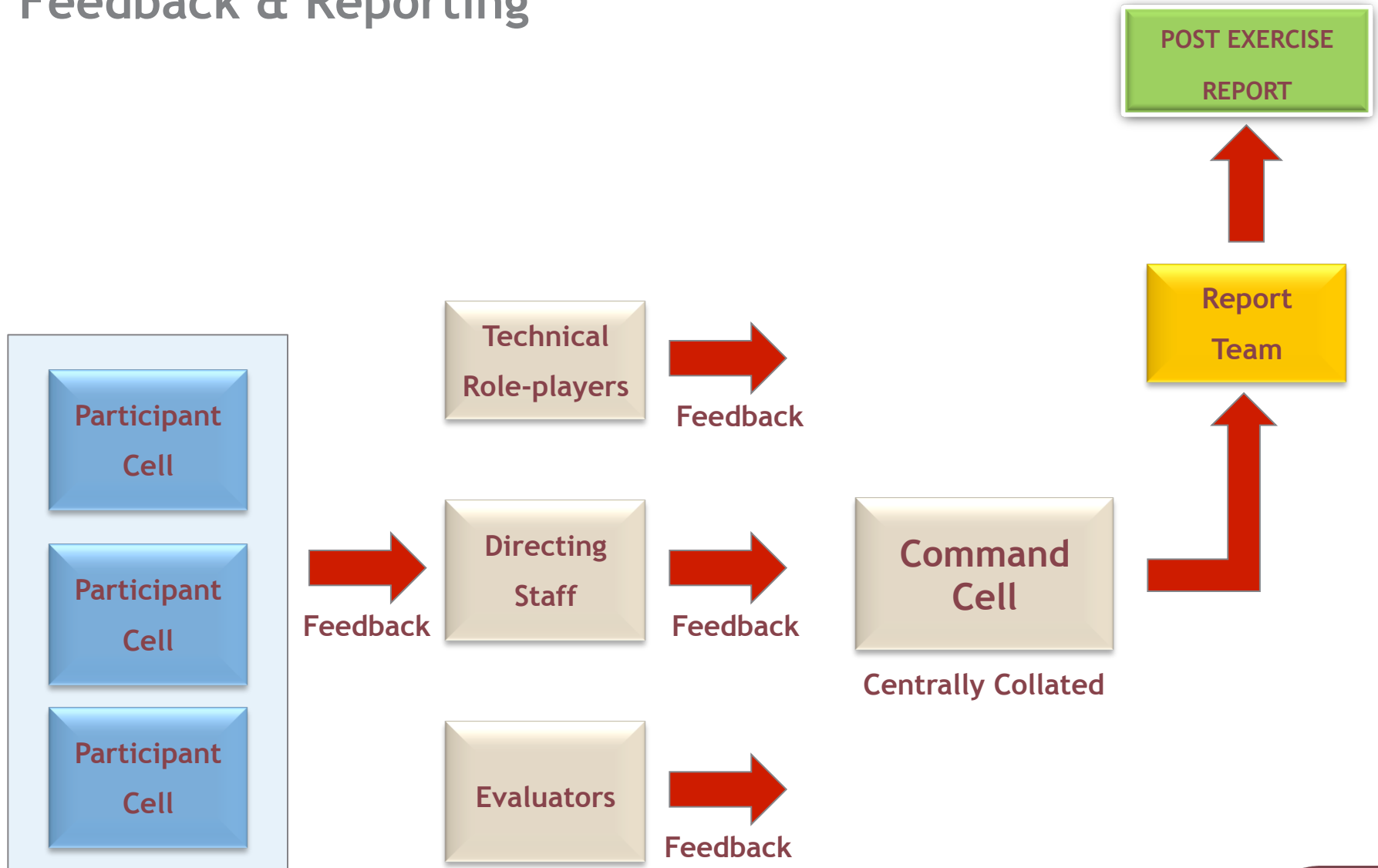
Sub Planning Teams



Delivery



Feedback & Reporting



Thank-you for your attention

Questions