

NBC PLANNING GUIDE

- MISSION ANALYSIS
- INITIAL NBC IPB
- EVALUATE THE THREAT
- DETERMINE THREAT COAs
- SPECIFIED AND IMPLIED TASKS CONCERNING NBC DEFENSE
- AVAILABLE NBC ASSETS
- COA DEVELOPMENT
- DEVELOP CONCEPT OF NBC DEFENSE THAT SUPPORTS SCHEME OF MANEUVER
- COA ANALYSIS AND COMPARISON
- PRODUCTS
- ORDERS PHASE
- NBC REHEARSALS

MISSION ANALYSIS

- Analysis of mission, intent, and concept of NBC defense two levels above.
 - What NBC tasks have been assigned?
 - What is the friendly situation and adjacent unit missions?
 - What specific NBC results must be achieved in terms of enemy, terrain, and/or friendly forces?
 - When and where must the unit achieve these results?
 - Why was the unit given these NBC tasks?
 - Is the unit the main effort — if not, how does the NBC related tasks the unit NBC tasks relate to the main effort?
 - What NBC limitations have been placed on the unit and has the higher commander imposed them?
 - Identify key issues

INITIAL NBC IPB

- DEFINE BATTLEFIELD ENVIRONMENT
 - Identify area of operations and area of interest
 - Beware of timeline
 - Identify amount of detail required and feasible with time available
 - Identify gaps in intelligence

INITIAL NBC IPB

- DESCRIBE BATTLEFIELD EFFECTS
 - Terrain Analysis
 - How terrain will effect NBC and smoke operations
 - Trafficability for chemical units and location of water sources
 - Weather Analysis
 - Temperature, humidity, precipitation, surface windspeed and direction
 - Determine how weather will affect employment of both friendly and enemy smoke agents
 - IAW FM 3-6, categorize as unfavorable, moderately favorable or favorable

INITIAL NBC IPB

- DESCRIBE NBC EFFECTS ON FRIENDLY AND ENEMY CAPABILITIES AND COA's
 - Direct fires, indirect fires, mobility, command and control
 - Visibility, surveillance, acquisition
 - Air operations — rotary, fixed wing

EVALUATE THE THREAT

- Identify threat chemical capabilities/vulnerabilities
 - ⇒ Types of chemical agents
 - ⇒ Delivery systems
 - ⇒ Chemical posture / NBC defense units
 - ⇒ Threat timeline
 - ⇒ PHASE FIRES
- Refine higher SITEMP
- Identify NBC threat status
- Presence of contamination

DETERMINE THREAT COA's

- Template all possible targets on the SITEMP for each COA
 - Ensure they support the enemy likely objectives and desired endstate for the threat command one level above your own
 - Be aware of air avenues of approach
 - Be aware of enemy R&S plan — routes and locations of enemy reconnaissance by phase
 - Plot enemy range fans with S-2
 - Plot both persistent and non-persistent agents
 - Identify specific locations

DETERMINE THREAT COA's

- DETERMINE THREAT COA's
 - Evaluate and prioritize chemical targets for each COA
 - Most likely and most dangerous as a minimum
 - Strengths, weaknesses, decisive points
 - Develop each COA in detail
 - Determine enemy's decision criteria, trigger points, and timeline
 - Consider enemy mission and the effect he wants
 - deny terrain, prevent counterattack, cause casualties, cause you to fight degraded, prevent reconsolidation

DETERMINE THREAT COA's

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 - Identify collection requirements
 - Recommend PIRs to confirm estimate of enemy NBC activity at key locations
 - Establish NAIs for templated targets
 - Task a unit or NBC recon in R&S plan
 - Do not OPCON Fox Recon below TF level
 - Plot downwind hazards per NAI on NBC map
 - Collection plan must support the commanders intent

SPECIFIED AND IMPLIED TASKS CONCERNING NBC DEFENSE

- SPECIFIED
 - NBC tasks stated by higher HQ which the unit must perform to successfully perform the commander's mission
- IMPLIED
 - Tasks the unit must perform to accomplish specified NBC tasks or the overall mission

AVAILABLE NBC ASSETS

- NBC UNITS
 - Combat power
 - Location
 - Command / Support relationship
 - Projected combat power at H-HOUR
- NBC LOGISTICAL STATUS AND PROJECTION AT H-HOUR
 - NBC assets — fog oil, water, MOGAS, etc
 - CDE — MOPP gear life, M8A1 battery life, etc
 - Smoke Pots

PRODUCTS

- Enemy chemical targets templated on each SITEMP along with enemy range fans
- RFI's to higher
- NBC units capabilities / projection
- NBC collection plan incorporated into overall unit assets
- MOPP analysis / Vulnerability assessment

COMMANDER'S GUIDANCE

- MOPP posture guidance
- Masking and unmasking guidance (automasking)
- Chemical Reconnaissance — Fox Recon and or unit assets
- Decontamination guidance
- Smoke employment guidance
- Fight dirty or bypass

COA DEVELOPMENT

- Analyze NBC combat power, capability
 - The decisive point is the starting point for development of all COA's because it is the means by which you focus your plan
- Decon
 - Determine location of decon sites (link-up points) based on templated chemical strikes
 - Throughout the AO
 - Edges of sector off either side of MSR
 - Coordinate with AXP/KCCCP with S1/S4
 - Stage decon elements forward, by event
 - Priority of support and work
 - Water resupply

COA DEVELOPMENT

- Recon
- Smoke
 - Commander's intent — task and purpose
 - Visibility criteria
 - Clearly defined smoke target within the capabilities of the smoke asset
 - Clearly defined triggers / events for effective smoke on target (does not include 20-40 minute build up time)
 - Trigger / event to stop effective smoke
- CDE requirements to support each COA

DEVELOP CONCEPT OF NBC DEFENSE THAT SUPPORTS SCHEME OF MANEUVER

- Identify critical friendly NBC events and the phase by which they occur - prioritize these events
- Determine NBC tasks that support the main effort's task and purpose
- Determine NBC tasks that support the supporting effort's task and purpose
- Determine where and when NBC risk occurs
- Determine NBC tasks that support the reserve's task and purpose
- Determine essential NBC defense tasks - identify automask criteria, changes in MOPP level

DEVELOP CONCEPT OF NBC DEFENSE THAT SUPPORTS SCHEME OF MANEUVER

- Array NBC forces necessary to support the mission
 - Array NBC forces at the expected decisive point
- Task organize NBC assets
- Develop graphic control measures that:
 - Support the decisive point and beyond the decisive point to higher HQ desired endstate
 - Achieve synchronization across all BOS
 - Minimize the force exposure to fratricide (NFAs, etc)
- PRODUCTS —
 - Concept of NBC defense sketches / statements, Task and purpose for each NBC unit, NBC Graphics (Initial), NBC Recon in R&S overlay, Decon plan (initial)

COA ANALYSIS AND COMPARISON

- Gather the tools
 - Completed concept of NBC defense
 - NBC graphics
 - Symbols for friendly and enemy NBC units
 - Enemy and friendly critical NBC events in time and space
- List all friendly NBC forces
- List assumptions - from mission analysis and others made in developing the concept of NBC defense
- List known critical enemy and friendly NBC events in time and space

COA ANALYSIS AND COMPARISON

- Participate in Wargame
 - Consider future operations
 - Consider NBC defense supporting possible branches and sequels
 - Synchronize NBC defense effort
 - Assist S2 with critical enemy NBC events and ensure appropriate friendly counteraction is required

PRODUCTS

- Updated NBC defense plan and graphics
- Task and purpose for each NBC unit
- Task organization and command / support relationships
- Critical NBC events / actions
- MOPP levels and where MOPP gear will be stored or carried
- Vulnerability assessment — including probable targets and agents
- Levels of risk taken

ORDERS PHASE

ORDERS PREPARATION AND REPRODUCTION

ORDERS ISSUE

SUPERVISE, INSPECT, REFINE

NBC REHEARSALS

- REVIEW IN UNIT ROCK DRILLS AND REHEARSE THE FOLLOWING:
 - React to chemical attack
 - Reports
 - NBC detection teams
 - NBC Recon employment
 - Smoke employment
 - Trigger for effective smoke on target
 - Observers plan
 - Communicate plan
 - Decon plan
 - First aid / casualty collection plan
 - Resupply plan