Lesson 3.5a
Introduction to Analysis of the Operating Environment (AOE)
Series of AOE Lessons

• Lesson 3.5a Introduction
• Lesson 3.5b Analysis of Physical Terrain (PT)
• Combining PT factors
• Lesson 3.5d Analysis of Human Terrain
• Lesson 3.5e Analysis of Information Terrain
• Lesson 3.5f ASCOPE – PMESII
• Lesson 3.5g Actor Evaluation
• Lesson 3.5h Situation Integration & COA Development
• Lesson 3.5i Short SPIE and situation paragraph
• Lesson 3.5j UN MPKI support to UN MDMP
Content and Learning Outcomes

• Content: AOE Introduction, Analysis of the Operation Environment, AOE phases

• Describe the requisite tools and knowledge to analyze the operating environment

• Explain the application of AOE in support of the UN Military Decision-Making Process
Analysis of the Operation Environment (AOE)

**Phase 1:**
- **OEE**
  - Operating Environment Evaluation
  - a. Physical Terrain
  - b. Human Terrain
  - c. Information Terrain

**Phase 2:**
- **AE**
  - Actor Evaluation
  - All Relevant Actors with an Emphasis of Threat Groups

**Phase 3:**
- **SI**
  - Situation Integration

The interaction of Actors with the Operating Environment

**Figure 13: The 3 Phases of AOE**

**COA Development**
Operating Environment Evaluation (OEE) Phase 1

- Physical terrain
- Information terrain
- Human terrain
Actor Evaluation (AE) Phase 2

- All relevant actors
- Emphases of threat groups
### ASCOPE - PMESII

<table>
<thead>
<tr>
<th>Areas</th>
<th>Political</th>
<th>Military</th>
<th>Economic</th>
<th>Social</th>
<th>Infrastructure</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>District Boundary, Party affiliation areas</td>
<td>Coalition/ANSF bases, historic ambush/IED sites</td>
<td>Bazaar areas, livestock dealers, auto repair shops</td>
<td>Traditional picnic areas, bazaars, outdoor shura sites</td>
<td>Irrigation networks, water tables, areas with medical services</td>
<td>Radio/TV/paper coverage areas, word of mouth gathering points</td>
</tr>
<tr>
<td>Capabilities</td>
<td>Dispute resolution, Local leadership, INS ability to have impact</td>
<td>ANSF provides 24/7 security? QRF present? INS strength / weapons</td>
<td>Access to banks, Ability to stand drought? Development</td>
<td>Strength of tribal/village traditional structures, Mullahs</td>
<td>Ability to build / maintain roads, walls; check dams, irrigation systems</td>
<td>Literacy rate, availability of electronic media, Phone service</td>
</tr>
<tr>
<td>Organization</td>
<td>Political parties, INS group affiliation, Gov &amp; NGO org.</td>
<td>Coalition/ANSF present, INS groups present</td>
<td>Banks, large landholders, Merchants, money lenders</td>
<td>Tribes, class families, sport, shuras, youth shuras</td>
<td>Government ministries, Construction companies</td>
<td>News organizations, influential mosques, INS IO groups</td>
</tr>
<tr>
<td>People</td>
<td>Governors, councils, elder mullahs, parliamentarians</td>
<td>Coalition, ANSF, INS military leaders</td>
<td>Bankers, landholders, merchants, money lenders</td>
<td>Mullahs, Maliks, elders, Shura members, influential families</td>
<td>Builders, road contractors, local development councils</td>
<td>Media owners, mullahs, maliks, elders, heads of families</td>
</tr>
<tr>
<td>Events</td>
<td>Elections, Shuras, Jirgas, Provincial council meetings, speeches</td>
<td>Kinetic events, unit RIPs, loss of leadership, operations</td>
<td>Drought, harvest, business openings, loss of business, good/bad crop</td>
<td>Friday prayers, holidays, weddings, deaths, births, bazaar days</td>
<td>Road/bridge construction, well digging, center/school construction</td>
<td>Friday prayers, publishing dates, IO campaigns, project openings CIVCAS incidents</td>
</tr>
</tbody>
</table>
Situation Integration (SI)- Phase 3

Fusing the OEE and AE results

**OEE**

*How does the Human, Information, and Physical Terrain Shape the Operating Environment?*

**AE**

*What is the Actor’s Intent and Capability? How will the Actor interact with the AOE?*

**SI**

*How, Where, and When will the Actor Operate? (Situation Overlay) What should we monitor (Event Overlay)*
SI- COA Development - Phase 3

Situation Overlay
Most Dangerous and Most Likely Courses of Action

Event Overlay
Lesson Take Away

• AOE is essential to the UN Military Decision-Making Process

• AOE is specifically adapted to UN Peacekeeping Operations

• AOE consists of three phases:
  – Phase 1: OEE
  – Phase 2: AE
  – Phase 3: SI and COA Development
Questions
Learning Activity

Discussion of UN MPKI AOE process

Instructions:

• Explain the purpose of the AOE process.
• Explain why the UN has developed the AOE process.
• Name and briefly describe the three phases of the AOE process.

→ Prepare to present your answers verbally in class

Time: Approx. 10-15 minutes
Group work and Discussion in plenary