

Annex F – HIERARCHY

C2 Approach

Command Approach

Allocation of Decision Rights

Patterns of Interaction Enabled

Information Distribution

Dynamics Across Purpose (command)

Dynamics Across Time (command)

Control Approach

Restriction of Decision Rights

Patterns of Interaction Not Allowed

Restriction on Information Distribution

C2 Doctrine

Dynamics Across Purpose (control)

Dynamics Across Time (control)

Constraint Enforcement

Selectivity

Leadership

Consistency of Command Intent

Leadership Behaviour

Leadership Culture

Quality of Command Intent

Quality of Communication of Command Intent

Intent Motivation

Command Style

Commander's Leadership Behaviour

Commander's Decision Style

Commander's Myers-Briggs Style

Control Style

Commander's Risk Propensity

Open/Closed Commander

Quality of Actions*

Likelihood of Success

Action Synchronization

Action Accuracy

Action Completeness

Action Consistency

Action Correctness

Action Precision

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Action Timeliness
Action Appropriateness
Action Efficiency
Decision Making**
Command Speed
Constraint Setting
Criticality
Decision Congruence
Decision Participants
Decision Speed
Decision Type
Development of Intent
Perceived Likelihood of Success
Perceptual Filters
Planning Speed
Synchronization
Quality of Decisions
Decision Accuracy
Decision Completeness
Decision Consistency
Decision Correctness
Decision Currency
Decision Precision
Decision Relevance
Decision Timeliness
Decision Uncertainty
Entity Characteristics and Behaviors
Behaviour
Adaptive Behaviour
Conformity
Cooperative Behaviour
Extra-Role Behaviour
Memory Performance
Risk Taking
Self-Monitoring
Response Speed
Individual Cognitive Abilities
Cognitive Capacity
Cognitive Complexity
Cognitive Flexibility

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General Intelligence
Personality and Values**
Agreeableness
Ambiguity Tolerance
Conscientiousness
Decision Style
Emotional Stability
Extraversion
Field Independence
Impulsivity
Levelling
Locus of Control
Achievement Orientation: Personal Values
Temporal Orientation: Personal Values
Myers-Briggs Style
Needs
Nurturing: Personal Values
Openness to Experience
Problem Solving Style
Relation to Environment
Repression
Risk Propensity
Role of Emotion
Self-Efficacy
Self-Esteem
Trust Propensity
Power Distance: Personal Values
Individualism: Personal Values
Uncertainty Avoidance: Personal Values
Willingness to Interact
Physical Abilities
Motor Skill
Other Physical Abilities
Physical Flexibility
Physical Strength
State**
Alertness
Anxiety
Blood Sugar Level
Commitment/Loyalty
Mood
Motivation

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Position-Based Power
Sleep Deprivation
State of Mental Health
State of Physical Health
Stress Level
Trust
Sensemaking
Mental Models
Mental Models Confidence
Mental Models Relevance
Mental Models Richness
Quality of Awareness
Awareness Accuracy
Awareness Completeness
Awareness Consistency
Awareness Correctness
Awareness Currency
Awareness Precision
Awareness Relevance
Awareness Timeliness
Awareness Uncertainty
Quality of Shared Awareness
Shared Awareness Accuracy
Shared Awareness Completeness
Shared Awareness Consistency
Shared Awareness Correctness
Shared Awareness Currency
Shared Awareness Precision
Shared Awareness Relevance
Shared Awareness Timeliness
Shared Awareness Uncertainty
Quality of Plan
Plan Accuracy
Plan Completeness
Plan Consistency
Plan Correctness
Plan Currency
Plan Feasibility
Plan Precision
Plan Relevance
Plan Timeliness
Plan Uncertainty

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Quality of Understanding

Understanding Accuracy
 Understanding Completeness
 Understanding Consistency
 Understanding Correctness
 Understanding Currency
 Understanding Precision
 Understanding Relevance
 Understanding Timeliness
 Understanding Uncertainty

Quality of Shared Understanding

Shared Understanding Accuracy
 Shared Understanding Completeness
 Shared Understanding Consistency
 Shared Understanding Correctness
 Shared Understanding Currency
 Shared Understanding Precision
 Shared Understanding Relevance
 Shared Understanding Timeliness
 Shared Understanding Uncertainty

Task Performance**

Individual Task Efficiency
 Individual Task Quality
 Task Competence
 Task Efficiency
 Task Speed
 Task Understanding

Culture***

Achievement Orientation: Culture
 Individualism: Culture
 Norm Strength
 Power Distance: Culture
 Source of Status
 Uncertainty Avoidance: Culture
 Temporal Orientation: Culture
 Nurturing: Culture

Team Characteristics

Cohesion
 Group Pressure
 Intra Group Conflict
 Persistence

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Role Clarity
Cooperability
Goal Consistency
Hardness
Homogeneity
Interdependence
Team Scale
Team Shape
Information
Collaboration
Collaboration Mechanism
Collaboration Capacity
Collaboration Participants
Collaboration Completeness
Continuity of Interactions
Frequency of Interactions
Interaction Quality
Network
Communication System Characteristics
Information Richness
Information Transfer Approach
Network Reach
Network Richness
Quality of Visualization
Information Assurance
Authentication
Confidentiality
Non-Repudiation
Network Assurance
Network Availability
Network Reliability
Network Redundancy
Network Sustainability
Information Pedigree
Privacy
Integrity
Information Sources
Direct Sensing
Indirect Sensing
Databases
Information Source Characteristics
Open Sources

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Task Currency/Latency
Sensors
Mobility
Resolution
Sensor Coverage (Spatial)
Sensor Coverage (Medium)
Sensor Coverage (Spectrum)
Sensor Persistence
Interoperability
Communications Interoperability
Data Interoperability
Human Semantic Interoperability
Quality of Interactions
System Semantic Interoperability
Performance of Information Equipment
Quality of Communications Equipment
Quality of Computing Equipment
Quantity of Communications Equipment
Quantity of Computing Equipment
Quality of Information
Information Quality*
Information Accuracy
Information Completeness
Information Consistency
Information Correctness
Information Currency
Information Precision
Information Relevance
Information Timeliness
Information Uncertainty
Information Service Characteristics
Information Sharability
Information Source Characteristics
Shared Information Quality*
Shared Information Accuracy
Shared Information Completeness
Shared Information Consistency
Shared Information Correctness
Shared Information Currency
Shared Information Extent
Shared Information Precision
Shared Information Relevance

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Shared Information Timeliness
Shared Information Uncertainty
Situational Characteristics*
Ambiguity of Situation
Complexity of Situation
Equivocality of Situation
Uncertainty of Situation
Situational Familiarity
Temporal Focus
High Level Measures of Merit
Measures of C2 Effectiveness
Force Effectiveness
Mission Effectiveness
Policy Effectiveness
Measures of Agility
Adaptiveness
Flexibility
Innovation
Resilience
Responsiveness
Robustness
State (t)
Force
Force Will
Error Rate
Type I Error (False Alarm Rate)
Type II Error
Material Resources
Quality of Consumable Equipment
Quality of Facilities
Quality of Non-Consumable Equipment
Quality of Sets of Unit Equipment
Quantity of Consumable Equipment
Quantity of Facilities
Quantity of Non-Consumable Equipment
Quantity of Sets of Unit Equipment
Non-Material Resources
Financial Resources
Personnel
Education

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Experience of Personnel
Number of Personnel
Personnel Resources
Quality of Personnel
Training
Information Resources
Information Networks
Information Value Added Services
Discovery
Fusion
Types of Effectors
Lethal Effectors
Non-Lethal Effectors
Situation (t)
Operational Situation
Complicated-ness
Co-Located/Distributed
Economic Situation
Enemy Forces
Friendly Forces
History
Neutral Forces
Political Situation
Social Situation
Predictability Type
Physical Situation
Terrain
Distances
Trafficability
Weather
Weather (Atmospheric)
Weather (Space)

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