Designing Natural Tension into the Design of Adaptive Enterprises --"Context and Coordination" in the Sense & Respond Organization

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1.0 Introduction Organizational models for asynchronous, multinational e-business?



Reference: Stephan H. Haeckel, Adaptive Enterprise: Creating and Leading Sense & Respond Organizations, Harvard Business School Press, 1999, ISBN 0875848745

1. Introduction How does change impact strategy?



1. Introduction ... Sense & Respond <--> Make & Sell



1. Introduction ... Strategy = behavior, expressed as structure



1. Introduction ... In this paper, we focus on structure (as the design of outcomes)



2. Command & Control is based on an organismic view of the enterprise



2.1 ... Command & Control, when ineffective, becomes Communicate & Hope



2.2 ... Emergence produces a challenge in coherency of purpose and consistency in response



Source: Henry Mintzberg, Bruce Ahlstrand and Joseph Lampel, Strategy Safari, Free Press, 1998

2.2 ... Emergence produces a challenge in coherency of purpose and consistency in response



3.1 Context & Coordination ... A social system acts purposefully both in its parts and as a whole

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55 60 5 10 50 15 15 20 15 30 20	Systems & Models	Parts	Whole	
	Deterministic	Not purposeful	Not purposeful	6
00	Animated	Not purposeful	Purposeful	
	Social	Purposeful	Purposeful	y
	Ecological	Purposeful	Not purposeful	



3.2 Context & Coordination ... Organizational Context includes Purpose & Bounds, Capabilities and Role Structure



3.21 Purpose is the primary function of the enterprise as a whole

3.22 Bounds are expressed as governing principles

3.23 Capabilities are the subsystems with potential to produce outcomes

3.24 Accountabilities for capabilities are mapped into roles to be filled

3.25 Adaptation of the context is the accountability of the leadership

3.3 Context & Coordination ... Coordination of Outcomes includes Commitments to Fill Roles and Commitments to Deliverables



3.31 Coordination occurs through *"Conversations"* and *"Coupling"* of the Outcomes

3.32 Conversations can be about two types of outcomes

3.33 Adaptive coordination loops emerge through commitments and renegotiation

4.1 Layers of differing rates of change ... Layers which change at different rates "shear" against each other



Source: Stewart Brand, How Buildings Learn: What Happens After They're Built, Penguin, 1994.

4.2 Layers of differing rates of change ... The time horizon of ends can be expressed as shearing layers



4.3 Layers of differing rates of change ... Understanding of Context & Coordination can be refined with more layers

2-layer	6-layer	
Context	Organizational purpose	
Coordination	Bounds on acceptable behavior	
4-layer	Capabilities	
Purpose	Role structure	
Bounds	Commitments to fill roles	
Roles		
Commitments	Commitments to produce deliverables	

5 ... Tension occurs as a faster-changing layer shears against a slower one

