

Data Collection and Management Plan, Version 0.8 (a fragment) -- The ZEFRA Game and Issues in the South-West Pacific 2020

Issue No	Issue	Constraints	EQ No	Essential Questions	Players	Scenario Details	MMT Support	Limitations	Assumptions	RFI	Player Info - In	Player Info - Feedback	Player Info - Out	Seq	When - Move Number	Location	Metrics
<b>Sponsor's Objective: Determine where there may be friction points for US and Coalition Operations should Zefra become a hot spot yet again</b>																	
	<b>General ▶▶▶</b>	Play <= 1 hour, NO BUDGET1, Sched: Course Day 2			See cast list for Zefra			Novice players		<i>RFI might be just a reference link to RFI database</i>						All in main room	
1	Under what conditions would the US consider intervening in the Zefran stabilization mission?		1.1	Can the coalition force meet US geopolitical expectations for the region?	POTUS, CJTF-Z-Cdr, CJTF-Z-Dep, Pres Z, others	Challenge coalition forces with threats from Zefra, with irregular operations where perpetrator is not clear.	Facilitator inject			US expectations?	Scenario, role descriptions, and orbats		Coalition operations are seen as smooth and effective by the US (scale: 0 = totally ineffective, 10 = metaphysically overwhelming)	10	Various moves		
			1.2	Can the Coalition force meet non-US expectations		Same as above	Facilitator inject			Non-US expectations?	Scenario, role descriptions, and orbats		Same as above		Various moves		
			1.3	If the US intervenes, will the situation improve?		Same as above	Facilitator inject			Pre-existing conditions - security, economic?	Scenario, role descriptions, and orbats		Are conditions in Zefra better after US intervention? (judgement call) Are conditions elsewhere in the region better after US intervention? (judgement call)		Various moves		
			1.4	Are there down sides to US intervention?		Same as above	Facilitator inject				Scenario, role descriptions, and orbats		Are the negative consequences of US intervention severe? (list any that are apparent at the game end)		Various moves		
2	Can sharing of US ISR resources with the coalition improve effectiveness? How?		2.1	What can be shared with the coalition and what cannot?	CJTF-Z-Cdr, SAPCOM, Pres China, PLAN Task Force	Conduct Coalition operations that could have exploited US ISR information	Scenario	Simplistic model of ISR coverage: Google Earth Pro			Scenario, role descriptions, and orbats		What is being shared/not shared?	1	Preparing for decisive Coalition operations		
			2.2	Are barriers sharing ISR resources limiting coalition's effectiveness?		Same as above	Diagrams showing ISR coverage				Scenario, role descriptions, and orbats		What could be available, but not being shared? (Why not?)		Preparing for decisive Coalition operations		
						Same as above	Diagrams showing ISR coverage				Scenario, role descriptions, and orbats		If more were shared, would the coalition in fact be more effective?		Preparing for decisive Coalition operations		
3	What sorts of measures will China take to counter-act or to frustrate Coalition and US objectives?		3.1	Do Chinese activities restrict US freedom of action?	Pres China, PLAN Task Force	Chinese players to take actions contrary to US objectives	Scenario	No qualified SME on Chinese political decision-making		Measures available to China?	Scenario, role descriptions, and orbats		How serious were Chinese actions and how severely were US and coalition actions impacted? List and general assessment.	5, 9	After Coalition moves into Zefra		
			3.2	Are US lives in jeopardy due to Chinese action?		Chinese forces should take some aggressive action against US	Facilitator inject or game play by Chinese side				Scenario, role descriptions, and orbats		How many lives were at stake, and were their injuries or casualties?				
			3.3	What Chinese actions prevent the Coalition from achieving the mission?		Chinese should attempt to counteract the Coalition	Chinese behaviour should force the Coalition to react				Scenario, role descriptions, and orbats		On a scale of 0 to 5, score each major Chinese action to inhibit Coalition action (0 = no effect, 5 = severely inhibit)				
4	Are the large number of PMC (private military company) employees in the area a significant force, for good or ill?		4.1	Do PMC employees provide some advantages to the Coalition or to the US? For example, providing intell, providing a "back channel" for communications/negotiations.	TOKEN, CJTF-Z-Cdr, SAPCOM, others	Draw PMC employees (of TOKEN Corp) into activities of the US or of the coalition.	Facilitator inject or game play by TOKEN player		History of PMC issues from past ops (AFG/Iraq) will do	How many PMC employees? Locations? Weapons? Training?	Scenario, role descriptions, and orbats		List incidents where PMC employees were of assistance.	4	Introduce several events as appropriate at different stages		
			4.2	Do PMC employees cause impediments for the Coalition or US forces? For example, do they compromise OPSEC?		Same as above	Facilitator inject		History of PMC issues from past ops (AFG/Iraq) will do		Scenario, role descriptions, and orbats		List incidents where PMC employees were an impediment.				
5	Is media coverage of coalition and US operations generally favorable?		5.1	What media stories came out and did they adversely affect public opinion?	CJTF-Z, SAPCOM, Media, POTUS	Media should aggressively follow stories to assess how stories will play with the public	Scenario	Media played by OWN Public Affairs staff - Realistic?		Where would media be located? embedded?	Scenario, role descriptions, and orbats		List media stories and assess their impact	2, 8	Introduce several events as appropriate at different stages		
6	Are the roles of NGOs providing medical and humanitarian aid and those of Coalition and US military forces compatible or not?		6.1	Were actions by NGOs compatible with US and Coalition objectives? If not, were there consequences?	MSF (NGO), CJTF-Z, SAPCOM, Media, POTUS	Initiate incidents that may cause dilemmas for NGOs or for the military.	Facilitator inject			What are NGOs protocols on working with Coalition and US?	Scenario, role descriptions, and orbats		Assessment of critically of appropriate incidents and ability for Coalition and NGO to achieve own objectives	6	Introduce several events as appropriate at different stages		
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15	Where might private military companies (PMC) and their employees interfere with Coalition mission?		15.1	Where do objectives of the Coalition and a PMC (eg. TOKEN Corp) come into serious conflict?	TOKEN, CJTF-Z	Inject situations where there is potential for conflicting objectives to interfere with Coalition mission.	None				Provide players with context for the injects		Determine where objectives are similar, neutral, in conflict, and in SERIOUS conflict	7	Preparing for decisive operations		

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<b>Sponsor's Objective: Determine where there may be friction points for US and Coalition Operations should Zefra become a hot spot yet again</b>																	
			15.2	Are there situations where the presence of a PMC (e.g., TOKEN) can assist the Coalition? (offsetting the potential for interference)?		Situations with potential for conflicting objectives to interfere with Coalition mission.	None				Provide players with context for the injects		Are there circumstances where there is NET benefit to the Coalition, even when there is minor conflict of objectives?		Preparing for decisive operations		
21	How will US and Coalition react to threat of WMD, e.g., "dirty nukes"?		21.1	When there was a WMD threat, what were the US and Coalition reactions?	SAPCOM, CJTF-Z	Introduce WMD activity, e.g., "dirty nuke".	Facilitator inject or game play by ZA/ "Rat Works"				Scenario, role descriptions, and orbats		List of incidents with WMD, scale of impact	10	After Coalition moves into Zefra		
23	Can the missions of the Coalition and of the media be compatible, or are they always in conflict?		23.1	Determine where the most significant friction points are between the Coalition and the media	CJTF-Z, Media	Allow the media to "access" political and military leaders (quasi interviews or press conferences)	None				Understanding of scenario and own mission		Describe friction points as they arise	3, 8	All		
			23.2	Determine when and if the objectives of the Coalition and the media overlap		Periodically ask political and military leaders to make "public statements" and develop working relationships with media	None				Understanding of scenario and own mission		List measures the Coalition take and assess their pros and cons		All		
27	Can UN ground forces (with air support?) deal with the rogue battalion ("Illustrious Fighters for Freedom") along Highway A4/vic.Kabra?	Any combat model must have associated VV&A	27.1	Combat losses for UN	Pres Z, Bongo, CJTF-Z, SAPCOM	UN ground forces to encounter IFF BN along Highway A4	Combat model, e.g., OneSAF, VBS3, MANA	Combat models require prep time... time not available	Detailed modelling of ground combat will be done offline and as a follow-on study	What patrol configurations will be used? What strength of force will UN commander use for patrolling?	Orders from Higher, ROE, OpPlan	Combat strength, Detections, Engagements, Results		9			Losses by type, shooter, and time of engagement - Infantry - Armour - Other
		Any combat model must have associated VV&A	27.2	Combat losses for IFF BN		UN ground forces to encounter IFF BN along Highway A4	Combat model, e.g., OneSAF, VBS3, MANA	Combat models require prep time... time not available	Detailed modelling of ground combat will be done offline and as a follow-on study		Orders from Higher, ROE, OpPlan	Combat strength, Detections, Engagements, Results					Losses by type, shooter, and time of engagement - Infantry - Armour - Other
		Any combat model must have associated VV&A	27.3	Sorties flown in support of UN		Air support MIGHT be available	Combat model, e.g., OneSAF, VBS3, MANA	No model of air operations, esp. ground attack results	Detailed modelling of air-ground combat will be done offline and as a follow-on study	Locations of UN airbases? Weapons config. on a/c? ROE? Can UN aircraft use carriers? US carriers?	Orders from Higher, ROE, OpPlan, Extract from Air Tasking Order	Results of aircraft engagements					Sorties by time, with effects/results: - Close Air Support - ISR - MEDEVAC/CASEVAC - Other?
<b>Sponsor's Secondary Objective: How can future technology from Australia benefit the Coalition?</b>																	
31	How are future technologies used (or abused) by the UN Coalition?	Aus technologies MUST be played	31.1	What are the advantages of using future technologies (versus the old way)?	CJTF-Z, SLO, APAANZco, others	Opportunities for future technologies to be employed	"Micro-simulation" for specific systems, e.g., 3D model of driverless vehicles	Lack engineering models of technologies. May have optimistic concept of ops	General info on tech will do	Catalogue/ specs of technologies?	Scenario, role descriptions, and orbats PLUS "tech cards" (summary of tech systems)		Summary of improvements to operational outcomes (versus "the old way")	6, 9			
32	Are there unintended consequences generated by the future technologies?	Aus technologies MUST be played	32.1	What unintended consequences developed?	CJTF-Z, SLO, APAANZco, others	Opportunities for future technologies to be employed	"Micro-simulation" for specific systems, e.g., 3D model of driverless vehicles	Lack engineering models of technologies. May have optimistic concept of ops	General info on tech will do	Catalogue/ specs of technologies?	Scenario, role descriptions, and orbats PLUS "tech cards" (summary of tech systems)		List of these consequences, with scale of impact back on the mission (0 = no significant impact, 5 = catastrophic impact)	6			
33	When will HiTech support the UN Coalition mission and when NOT?		33.1	By technology grouping, determine where prototype equipment and procedures are most valuable to the Coalition (or NOT)?	CJTF-Z, SLO, APAANZco, others	Players "use" prototypes to support missions (with advice from tech proponents)	Engineering models of prototype equipment, M&S of employment and results	Lack engineering models of technologies. May have optimistic concept of ops	General info on tech will do		Descriptions of the prototype equipment and advice on employment		Have military players assess value of prototypes at the conclusion of the game	6, 9	Various		
<b>Under "Players" main roles are listed. For "Others" consider including: PM Oz, PM NZ, Pres China, Pres Zefra, Bongo leader (ZA/ISB), Truscan Leader (PLM,PLAM), PM Daloon</b>																	