

NTC 14-04 PIR Matrix

NTC 14-04 PIR Matrix							Organic			Requested										
#	PIR	SIR	INDICATORS	Start/stop phase	Related NAls	DP	A. TROOP	B. TROOP	C. TROOP	UAS	HI-MINT	AH-64	SIGINT	Q36/37	JSTARST	IMINT	ATROPIAN			
1	How will the enemy conduct reconnaissance/forward observation (FO)?	Where are the enemy reconnaissance elements?	Presence of BRDMs/BMP2s	Phase I-II	17008, 17010, 17016, 17019, 17009, 17020, 17017, 17018	2	X	X	X	X	X	X		X		X				
			Communications reporting course of action of U.S. forces				X	X	X	X	X	X			X	X				
			Civilians loitering near main AoA(s)				X	X	X	X		X								
		Are enemy reconnaissance elements reinforced with AT systems?	Dismounted units postured on visual vantage points	Phase I-II	17008, 17010, 17016, 17019, 17009, 17020, 17017, 17018						X									
			Detection of SACLOS radar electronic signals				X	X	X	X		X			X					
			Presence of 2A45MD in the disruption zone				X	X	X	X		X				X				
		Are enemy reconnaissance elements augmented with air-defense assets?	Presence of BRDM/BMP with AT modification	Phase I-II	17008, 17010, 17016, 17019, 17009, 17020, 17017, 17018						X									
			Detection of SACLOS radar electronic signals				X	X	X											
			Dismounted units with shoulder-fired launchers				X	X	X											
		Presence of tracked AD/AA asset in the disruption zone				X	X	X	X		X				X					
2	How will the enemy attempt to disrupt as U.S. forces move through the central corridor?	Will the enemy use IDF in the central corridor?	FO communications regarding U.S. progression thru corridor	PHASE II-IV	17008, 17010, 17016, 17019, 17009, 17020, 17004, 17003	1,2,3							X							
			Radar signature of IDF											X						
			Forward movement of 2S19/BM-21															X		
		Are enemy reconnaissance elements reinforced with AT systems?	Location of MFPS within planning range of the corridor	PHASE I-II	17008, 17010, 17016, 17019, 17009, 17020		X	X	X	X							X			
			Communications regarding posture on air corridors										X							
			Presence of 2A45MD in the disruption zone				X	X	X	X		X				X				
		Are enemy reconnaissance elements augmented with air-defense assets?	Presence of BRDM/BMP with AT modification	PHASE I-II	17008, 17010, 17016, 17019, 17009, 17020, 17004		X	X	X						X					
			Detection of SACLOS radar electronic signals				X	X	X											
			Dismounted units with shoulder-fired launchers				X	X	X											
		Presence of tracked AD/AA asset in the disruption zone				X	X	X												
3	How will the enemy employ chemical attacks?	Will BFB conduct chemical attacks?	Presence of IDPs (possible chemical injuries)	PHASE I-IV	17021, 17023, 17007, 17025, 17001	1,2,3	X	X	X	X	X	X				X	X			
			Unnatural objects near mobility corridors and chokepoints				X	X	X							X				
			Civilians/enemy military in MOPP gear				X	X	X	X		X				X				
		Will conventional forces employ chemical weapons?	Enemy artillery units in MOPP gear	PHASE I-IV	17010, 17016, 17008, 17019, 17009, 17020, 17007, 17004, 17014, 17006, 17001, 17003		X	X	X	X		X								
			DZ elements in MOPP gear				X	X	X											
			Chemical deployment units near artillery							X		X			X					
		4	How will unconventional enemy forces and the civilian population affect operations?	What populated areas are friendly/hostile to U.S. forces?	Hospitable/inhospitable welcome		PHASE I-IV	17021, 17023, 17014	2	X	X	X		X						X
					Media propaganda (+/-)					X	X	X	X		X				X	
					Civilian-emplaced road blocks					X	X	X	X		X					X
Will the enemy use populated areas to conduct attacks?	Lack of civilian population in normally populated areas			PHASE I-IV	17021, 17023, 17014	X	X	X		X		X					X			
	Communications regarding irregular activity within city limits					X	X	X		X										
	Presence of IDPs					X	X	X		X		X				X				
	IEDs in populated areas			PHASE I-IV	17021, 17023, 17014	X	X	X		X		X								
	Presence of T-80s					X	X	X			X					X				
	Audible signature of heavy armor					X	X	X			X									
5	Where is the enemy decisive operation engagement area?	Where will the enemy employ their T-80s?	Communications regarding logistics and status of armor units	PHASE II-IV	17004, 17023, 17022, 17005, 17001, 17003, 17006, 17015	1,2,3							X							
			GMTI signatures of armor																	
			Presence of multiple T-80s/BMPs				X	X	X	X		X				X	X			
		Where is the enemy fixing force?	Presence of SA-8	PHASE III-IV	17003-17007, 17022, 17023, 17001, 17015		X	X	X	X		X				X				
			Presence of BM-21				X	X	X						X					
							X	X	X											
		Where will the enemy engage U.S. forces using IDF?	Presence of mortar systems (81mm, 120mm)	PHASE I-V	17004-17006, 17019, 17008-17011, 17020, 17016, 17022, 17001, 17015		X	X	X	X		X		X		X				
			Presence of forward observers						X		X			X						
			Presence of BM-21 and 2S19						X						X					
		Communications calling for fire on U.S. forces							X											
6	What avenues of approach (AoA) are most suitable for follow-on forces?	What routes are trafficable by sustainment vehicles?	Smooth improved or unimproved roads	PHASE I-IV	17014, 17022, 17023, 17005, 17025, 17024, 17021, 17007, 17001	1	X	X	X		X						X			
			Routes wide enough to support HETT movement				X	X	X											
			Routes with gently grades/slopes				X	X	X											
		What routes experience high volumes of civilian traffic?	LOCs between populated areas	PHASE I-IV	17014, 17022, 17023, 17005, 17025, 17024, 17021, 17007, 17001		X	X	X	X		X				X	X			
			Presence of high volume of civilian traffic				X	X	X	X		X				X	X			
			Improved roads				X	X	X	X		X				X	X			
		What routes have counter-mobility obstacles?	GMTI signatures along high-speed AA	PHASE I-IV	17002, 17014, 17021-17025, 17005, 17007, 17001										X					
			Presence of manmade obstacles (burning vehicles, engineer obstacles)				X	X	X	X						X				
			Presence of disturbed earth				X	X	X	X		X				X				
		Presence of mines				X	X	X	X						X					