Official LOEs with Metrics by LOE Owner

# LOE Nam	ne	LOE Descri	ption		0	ffic Cite
ID Co	nnections Source			Date		
			Defining Question		Lov	Loval Description
Weti	D Class Name		Defining Question		Lev	Level Description
LOE Owner	Afghan National Arr	ny - Provinc	ial			
		-		e stabilization of AO; improve	\checkmark	OntWS3
I FIONUEL	Inective Security			an; fight insurgencies; fight		01110035
		terrorism	curity for every Argi	an, nyin insurgencies, nyin		
3 TRA	CIW Metric Ontology Wo	orkshop 3		07/15/2011		
424	AntiTraffickingInPersonsAct	tivityMoP	What is the level of activity i	n anti-trafficking in persons programs?	Р	Primary Importance
139	BorderControlActivityMoP			oorder control, boundary security, and	Ρ	Primary Importance
100	CivilStabilityAndDurableDec	and availating	freedom of movement opera		Р	Drimony Importance
109	CivilStabilityAndDurablePea MoPE	iceLeveiRating	What is the level of civil stab	inty and durable peace?	P	Primary Importance
120	CivilUnrestLevelRatingMoFl	E	What is the level of civil (inte	ernal) unrest?	Р	Primary Importance
121	ConflictCivilianDeathAndInj	uryRating	What is the death and injury	rate for civilians from conflict?	Р	Primary Importance
256	Criminal&CorruptActivityM	loP		orrupt activities (intimidation, kidnapping,	Р	Primary Importance
				fficking, bribery, "protection," illicit services,		
247	CriminalOrganizationActivit	tyPating	self-dealing, etc.) have been	luence/numbers of criminal organizations?	Р	Primary Importance
	CriminalsActivityRating	rynatnig		luence/numbers of criminal of gamzations:	P	Primary Importance
	DisarmamentEffectiveness	Rating	What is the effectiveness rat		Р	Primary Importance
	ExternalAgitatorForcesActiv	-		e of external forces advocating conflict?	P	Primary Importance
	ExtrajudicialActivityMoP	, ,		icial activities (killings, intimidations, etc.)?	Р	Primary Importance
	ForceSecurityActivityMoP		What is the level of force sec	curity provided to allow prosecuting other	Р	Primary Importance
			operations safely?			
409	FreedomOfMovementRatin	g	0	edom of movement of the populace the land, free to move, etc.)?	Р	Primary Importance
427	GeneralPopulationActivityR	ating		al population and the extent of its influence?	Р	Primary Importance
	GovtDestabilizationActivity	•	=	n destabilizing the HN government?	Р	Primary Importance
	GovtLawEnforcementEffect		-	the government law enforcement	P	Primary Importance
		0	organizations?	0		
	InsurgentsActivityRating			uence/activity rating of the insurgents?	Р	Primary Importance
144	InterventionForcesActivityR	ating	What is the number and influ forces?	uence/activity rating of the intervention	Р	Primary Importance
131	IWActivityMoP		What is the activity level/int	ensity of irregular war?	Р	Primary Importance
	KeyLeaderPoliticalAgitator	Rating	What is the influence of anti		P	Primary Importance
	LawEnforcementOrganizati			nizations exist and what is their size?	Р	Primary Importance
212	MineLevelActivityMoP		What is the level of mine (mi	ines, UXO, IEDs) clearance/placement	Р	Primary Importance
			activity?			
	NaturalResourcesRating		How are natural resources r	•	Р	Primary Importance
	NonNationStateActorsFund	• •	•	for each non-nation state actor?	Р	Primary Importance
193	NonNationStateActorsPopu ating	lationsupport	what is the level of popular	support for each non-nation state actor?	Р	Primary Importance
192	NonNationStateActorsRecru	uitingRating	What is the level of recruitin	g for each non-nation state actor?	Р	Primary Importance
753	ObscurantsInPlaceMoP		How much obscurants are in	place?	Р	Primary Importance
46	OppositionPartyUseOfForce	eRating		ce on the use of force, measured from	Р	Primary Importance
			wholly against to active use		_	
	OverallCrimeRating		What is the overall crime lev		Р	Primary Importance
	PeaceOpsActivityMoP		What is the activity level/int		P	Primary Importance
418	PerceptionOfSafeAndSecure oFE	ectivitonmentivi	what is the rating on the per	rception of a safe and secure environment?	Р	Primary Importance
175	SecurityForceAssistanceAct	ivityMoP		assistance (freedom of movement, border lefense, etc.) provided to the HN?	Р	Primary Importance
185	SecurityForStabilityActivity	MoP			Ρ	Primary Importance

# LOE I	Name	LOE Descri	ption		C	Offic Cite
ID	Connections Source			Date		
_	MetID Class Name		Defining Question		Lev	Level Description
_	168 StabilityOpsActivityMoP		What is the activity level/int	tensity of stability operations?	Р	Primary Importance
	197 TerroristsActivityRating		•	uence/activity rating of the terrorists?	Ρ	Primary Importance
11	Hartley Notional Model			11/23/2011		
	139 BorderControlActivityMoP		What is the activity level of freedom of movement operations of the second seco	border control, boundary security, and	ХХ	Direct Connection to LOE Tasks
	120 CivilUnrestLevelRatingMoF	E	What is the level of civil (int		х	Implied Connection to LOE
	121 ConflictCivilianDeathAndInj		,	rate for civilians from conflict?	x	Implied Connection to LOE
	122 ConflictCombatantDeathAn			rate for combatants from conflict?	х	Implied Connection to LOE
	123 ConflictPropertyDestruction	nRating	What is the property destru	ction from conflict?	х	Implied Connection to LOE
	847 DecreaseInsurgentsMoP		What is the decrease in insu	irgents?	ΧХ	Direct Connection to LOE Tasks
	845 DecreaseTerroristsMoP		What is the decrease in terr	orists?	ΧХ	Direct Connection to LOE Tasks
	133 DemilZonesEtcActivityMoP		What is the progress in esta arms embargoes?	blishing demilitarized zones, sanctions, and	ХХ	Direct Connection to LOE Tasks
	124 DisarmamentEffectiveness	Rating	What is the effectiveness ra	ting of disarmament efforts?	х	Implied Connection to LOE
	179 ForceSecurityActivityMoP		What is the level of force set operations safely?	curity provided to allow prosecuting other	ХХ	Direct Connection to LOE Tasks
	131 IWActivityMoP		What is the activity level/inf		ΧХ	Direct Connection to LOE Tasks
	814 MinelEDRating		What is the level of minefiel		х	Implied Connection to LOE
	202 NonNationStateActorsFund	ingChangeMoP	nation state actors?	to identify and interdict funding of non-	XX	Direct Connection to LOE Tasks
	206 NonNationStateActorsPopu hangeMoP	lationSupportC	What is the level of activity support for non-nation state	to identify financial, institutional and local e actors and disrupt it?	ХХ	Direct Connection to LOE Tasks
	204 NonNationStateActorsRecru	uitingChangeM	What is the level of activity nation state actors?	to identify and interdict recruitment by non-	ХХ	Direct Connection to LOE Tasks
	418 PerceptionOfSafeAndSecure oFE	EnvironmentM	What is the rating on the pe	rception of a safe and secure environment?	х	Implied Connection to LOE
	214 PiracyActivityMoP		-	tensity of piracy and anti-piracy operations?	ΧХ	Direct Connection to LOE Tasks
	420 RefugeeCampSecurityActivi	-		provided for refugee camps?	ХΧ	Direct Connection to LOE Tasks
	173 SafeguardingGovernanceAc	tivityMoP	What is the level of safeguar key officials?	rding of the institutions of governance and	XX	Direct Connection to LOE Tasks
	177 SecurityCoordinationActivit	уМоР	What is the level of security intervenors?	coordination between the HN and the	ХХ	Direct Connection to LOE Tasks
	137 WeaponsControlActivityMo	P	What is the progress in impl	ementing weapons control regimes?	XX	Direct Connection to LOE Tasks
2 Defer	nd Government Sector			nce, Rule of Law, and Human	\checkmark	OntWS3
		•		esses and institutions; defend		
				militia or organized military		
		force in the	country			
3	TRAC IW Metric Ontology Wo	orkshop 3		07/15/2011		
	75 AdministrationOfJusticeEffe airnessRating	ectivenessAndF	How effective and fair is the	administration of justice?	Р	Primary Importance
	139 BorderControlActivityMoP		What is the activity level of freedom of movement operations of the second seco	border control, boundary security, and ations?	Р	Primary Importance
	7 CentralAuthorityEffectivene	essRating	How effectively does it gove capability, etc.), influence ex	ern: political capacity (tax collection vents?	Р	Primary Importance
	120 CivilUnrestLevelRatingMoFI	E	What is the level of civil (int		Р	Primary Importance
	30 ConstitutionReformChangel	MoP	What is the progress in cons	stitutional reform?	Р	Primary Importance
	198 CorruptionInMilitaryRating		What is the existing level of	corruption in the military?	Р	Primary Importance
	682 DamsInfraCapacityDamage			frastructure has been damaged?	Р	Primary Importance
	148 DemobilizedArmedForcesAc	ctivityRating	What is the number and infl forces?	uence/activity rating of the demobilized	Р	Primary Importance
	152 DemobProcessChangeMoP		What is the progress in dem military and paramilitary un	obilizing, reducing, and reintegrating its?	Р	Primary Importance
	124 DisarmamentEffectiveness	Rating		ting of disarmament efforts?	Ρ	Primary Importance
	99 ExtortionActivityMoP			n, suppression of the population/opposition?	Р	Primary Importance
	390 GeneralJobsCreatedMoP		What is the number of jobs of training and counseling)?	created through job help programs (skills	Ρ	Primary Importance

LOE Description

ID	Cor	nnections Source		Date		
	Metl	D Class Name	Defining Question		Lev	Level Description
	91	GovtCorruptionMonitoringMoP	What is the level of monitoring for co	rruption by government officials	P	Primary Importance
		GovtDecisionMakingRating	What is the distribution of power, # p elections, dispute resolution?		P	Primary Importance
	36	GovtDestabilizationActivityMoP	What is the level of activity in destabl	lizing the HN government?	Р	Primary Importance
	106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitimacy level	of the HN government?	Р	Primary Importance
	6	GovtLeaderChangeRating	How does leadership change: election revolution?	ns, hereditary succession, coup,	Ρ	Primary Importance
	479	GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison	with he HN government?	Р	Primary Importance
	573	GovtStructuresCapacityRating	What is the capacity of the governme	nt infrastructure?	Р	Primary Importance
	41	GovtTypeOrganizationActivityRating	For each of the government, alternat organizations, what is the activity lev		Р	Primary Importance
	216	HAActivityMoP	What is the activity level/intensity of operations?	Humanitarian Assistance	Р	Primary Importance
	93	HumanRightsMonitoringMoP	What is the level of monitoring for hu	•	Р	Primary Importance
	783	IESControlRating	Who/what/how levels control each Ir transportation, etc.)?		Р	Primary Importance
		InstitutionsOfGovernanceEffectivenessAnd FairnessRatingMoFE	How effective and fair are the institut		Р	Primary Importance
		KeyLeaderOpinionRating	For each issue and each leader, what	•	Р	Primary Importance
		ObserverMissionsActivityMoP	What is the activity level of observer		Р	Primary Importance
		OppositionPartyUseOfForceRating	What is the oppositions stance on the wholly against to active use of force?		Р	Primary Importance
		OverallCrimeRating	What is the overall crime level?		Р	Primary Importance
		ParamilitaryForcesActivityRating	What is the number and influence/ac forces?		Ρ	Primary Importance
		PerceptionByPeopleThatTheirInterestsAre RepresentedRating	What is the level of belief by people t			Primary Importance
		PoliticalInstabilityMitigationActivityMoP	What is the level of activity to mitigat unrest actions by non-nation state ac	tors?		Primary Importance
		PrisonStructureAdequacyRating	How adequate is the HN prison struct		Р	Primary Importance
		PrivateSecurityForcesActivityRating	What is the number and influence/ac forces?		Р	Primary Importance
		ProtectionOfHumanRightsRating	What is the status of human rights pr		Р	Primary Importance
		PublicRecordsTransparencyRating	What is the transparency rating for g exist, availability, public reporting (pu	ush), transparency, etc.)?	P	Primary Importance
		RegimeSponsoredNonMilitaryArmedForces ActivityRating	sponsored, non-military armed forces	5?	Р	Primary Importance
		SafeguardingGovernanceActivityMoP	What is the level of safeguarding of the key officials?	Ū	P	Primary Importance
		SatisfactionOfHealthRequirementsRating SideActivityRating	What is the level of satisfaction of the How many sides (HN, factions, interv	enors, etc.) are involved; how	P P	Primary Importance Primary Importance
	422	SocialProtectionProgramsActivityMoP	active are they; how influential are the What is the level of activity in providi	•	Р	Primary Importance
		ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people of the St		P	Primary Importance
		TransportInfraCapacityRating	What is the capacity of the general tr		P	Primary Importance
11		ey Notional Model		/23/2011		
	75	AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the administ	ration of justice?	х	Implied Connection to LOE
	847	DecreaseInsurgentsMoP	What is the decrease in insurgents?		ΧХ	Direct Connection to LOE Ta
		DecreaseParamilitaryForcesMoP	What is the decrease in Paramilitary		XX	Direct Connection to LOE Ta
		DecreasePrivateSecurityForcesMoP	What is the decrease in Private Secur		ΧХ	Direct Connection to LOE Ta
		DecreaseRegimeSponsNonMilArmedMoP	What is the decrease in Regime-Spon	sored Non-Military Armed Forces?	ΧХ	Direct Connection to LOE Ta
		DecreaseTerroristsMoP	What is the decrease in terrorists?		ХХ	Direct Connection to LOE Ta
		DemilZonesEtcActivityMoP	What is the progress in establishing c arms embargoes?		XX	Direct Connection to LOE Ta
		DemobProcessChangeMoP	What is the progress in demobilizing, military and paramilitary units?		ХХ	Direct Connection to LOE Ta
	124	DisarmamentEffectivenessRating	What is the effectiveness rating of dis	armament efforts?	х	Implied Connection to LOE

#	LOE Nam	ie	LOE Descri	ption		0	offic Cite
	ID Cor	nnections Source			Date		
	Metl	D Class Name		Defining Question		Lev	Level Description
		ImproveHNCivilMilitaryMoF		the HN civil govt and the HN	-	ХХ	Direct Connection to LOE Tasks
	137	WeaponsControlActivityMo	P	What is the progress in impl	ementing weapons control regimes?	XX	Direct Connection to LOE Tasks
3	Become E	ffective and	With the he	elp of ISAF, become k	both effective and Independent:	✓	OntWS3
	Independ	lent	perform au	tonomous operation	ns; maintain operational		
			authority o	ver AO			
	3 TRAC	: IW Metric Ontology Wo	orkshop 3		07/15/2011		
	122	ConflictCombatantDeathAn	dIniurvRating	What is the death and injury	rate for combatants from conflict?	Р	Primary Importance
		ConnectionBetweenLawEnfo		What is the connection betw	veen the two: law enforcement as part of Is of police, border guards, etc.?	Ρ	Primary Importance
		CooperationBetweenHNMil enorsRating	itaryAndInterv	What is the level of cooperatintervenors?	tion between the HN military and the	Ρ	Primary Importance
	12	ExternalAdvisorsRating		How effective are the extern	al advisors to HN govt and judicial system	Р	Primary Importance
		ExternalGovtAdvisorsMoP		government (not counting R	-	Ρ	Primary Importance
		GovtMilitaryForcesActivityF	Ū	forces?	uence/activity rating of the HN military	Ρ	Primary Importance
		InformationCollectionActivi		-	nformation collection and processing?	Р	Primary Importance
	144	InterventionForcesActivityR	ating	What is the number and influ forces?	uence/activity rating of the intervention	Р	Primary Importance
		InterventionOrganizationRa	ting	What is the influence of each	•	Р	Primary Importance
		LogisticsAcquiredMoP		What quantity has been acq		Р	Primary Importance
		LogisticsDistributedMoP		What quantity has been dist		Р	Primary Importance
		MilitaryChangeMoP		What is the progress in refor		Р	Primary Importance
		MilitaryExercisesActivityMo		What is the activity level of r	-	Р	Primary Importance
		NegativeImpactOfIntervent	-	intervention?	e of negative events coming from the	Р	Primary Importance
		ParamilitaryForcesActivityR	-	forces?	uence/activity rating of the paramilitary	P	Primary Importance
		PrivateSecurityForcesActivit		forces?	uence/activity rating of the private security	P	Primary Importance
		RelationshipWithIntervenor	Ū	to very close?	ween the parties, ranging from adversarial	Р	Primary Importance
		SecurityCoordinationActivit	уМоР	intervenors?	coordination between the HN and the	P	Primary Importance
		StabilityOpsActivityMoP			ensity of stability operations?	P	Primary Importance
		TransferOfControlToHNCha	-	the HN government?	sferring control of government functions to	P	Primary Importance
		WarCrimesActivitiesChange	eiviop	what is the progress on war	crimes investigations, tribunals, etc.?	Р	Primary Importance
	11 Hart	ey Notional Model			11/23/2011		
	139	BorderControlActivityMoP		What is the activity level of a freedom of movement operations of the second se	porder control, boundary security, and ations?	ХХ	Direct Connection to LOE Tasks
	131	IWActivityMoP		What is the activity level/int	ensity of irregular war?	ΧХ	Direct Connection to LOE Tasks
	809	MilitaryOperationsRating		What is the rating of military	operations?	х	Implied Connection to LOE
	Staff Effe Force	ctive Fighting	Staff and su	upply the force: recru	uit; retain; train; equip	✓	OntWS3
		N/ Matrie Optalam: Ma	rkchon ?		07/15/2011		
		CIW Metric Ontology Wo	-		07/15/2011	_	- · · ·
		CommandAndControlEstabl			processes have been established?	Р	Primary Importance
		CommunicationsEstablished		What communications capal	•	Р	Primary Importance
		ConflictCombatantDeathAn			rate for combatants from conflict?	P	Primary Importance
		ConflictPropertyDestruction		What is the property destruct		P	Primary Importance
		CooperationBetweenHNMil enorsRating	itaryAndInterv	What is the level of cooperatintervenors?	tion between the HN military and the	P	Primary Importance
						D	

P Primary Importance

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What is the existing level of corruption in the military?

198 CorruptionInMilitaryRating

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LOE Description

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D	Connections Source	Date		
	MetID Class Name	Defining Question	Lev	Level Description
	179 ForceSecurityActivityMoP	What is the level of force security provided to allow prosecuting other operations safely?	Р	Primary Importance
	145 GovtMilitaryForcesActivityRating	What is the number and influence/activity rating of the HN military forces?	Р	Primary Importance
	16 GovtPersonnelEducatedChangeMoP	What is the progress in educating civil service, legislative staff, local government staff, etc.?	Р	Primary Importance
	150 HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	Р	Primary Importance
	477 InformationCollectionActivitiesMoP	What is the activity level in information collection and processing?	Р	Primary Importance
	146 IntelligenceServicesRating	What is the number and influence/activity rating of the intelligence services?	Р	Primary Importance
	131 IWActivityMoP	What is the activity level/intensity of irregular war?	Р	Primary Importance
	380 JobRelatedEducationalSystemRating	What is the capability of the educational system to produce job-worthy graduates (both at the general knowledge and skills level and at the elite/expert knowledge and skills level)?	Р	Primary Importance
	700 LogisticsAcquiredMoP	What quantity has been acquired?	Р	Primary Importance
	704 LogisticsDistributedMoP	What quantity has been distributed?	Р	Primary Importance
	154 MilitaryChangeMoP	What is the progress in reforming the HN military?	Р	Primary Importance
	166 MilitaryExercisesActivityMoP	What is the activity level of military exercises?	Р	Primary Importance
	158 MilitaryInvestmentMoP	What is the \$ investment in military personnel?	Р	Primary Importance
	157 MilitaryJobsCreatedMoP	How many military jobs have been created?	Р	Primary Importance
	574 MilitaryStructuresCapacityRating	What is the capacity of the military infrastructure?	Р	Primary Importance
	156 MilitaryTrainedMoP	What is the progress in training military personnel?	Р	Primary Importance
	575 MilitaryVehiclesCapacityRating	What is the capacity of the military vehicles?	Р	Primary Importance
	753 ObscurantsInPlaceMoP	How much obscurants are in place?	Р	Primary Importance
	187 PersonnelRecoveryActivityMoP	What is the level of activity in personnel recovery?	Р	Primary Importance
	744 SensorsEstablishedMoP	What sensor capability has been established?	Р	Primary Importance
	611 TransportInfraCapacityRating	What is the capacity of the general transportation infrastructure?	Р	Primary Importance
	95 WarCrimesActivitiesChangeMoP	What is the progress on war crimes investigations, tribunals, etc.?	Р	Primary Importance
11	Hartley Notional Model	11/23/2011		
	160 IntelServiceChangeMoP	What is the progress in reforming the HN intelligence services?	ХХ	Direct Connection to LOE Tasks
	164 IntelServiceInvestmentMoP	What is the \$ investment in intelligence personnel?	ХХ	Direct Connection to LOE Tasks
	163 IntelServiceJobsCreatedMoP	How many intelligence services jobs have been created?	ХХ	Direct Connection to LOE Tasks
	162 IntelServiceTrainedMoP	What is the progress in training intelligence service personnel?	ХХ	Direct Connection to LOE Tasks
	154 MilitaryChangeMoP	What is the progress in reforming the HN military?	ХХ	Direct Connection to LOE Tasks
	158 MilitaryInvestmentMoP	What is the \$ investment in military personnel?	ХХ	Direct Connection to LOE Tasks
	157 MilitaryJobsCreatedMoP	How many military jobs have been created?	ХХ	Direct Connection to LOE Tasks

- 156 MilitaryTrainedMoP

What is the progress in training military personnel?

XX Direct Connection to LOE Tasks

# LOE	Nam	e	LOE Descri	ption		0	ffic Cite
ID	Cor	nections Source			Date		
	MetII	Class Name		Defining Question		Lev	Level Description
	_						
LOE Own	er	Afghan National Po	lice - Provin	cial			
1 Prov	ide E	ffective Security	Provide civ	il security: achieve st	abilization of AO; improve	✓	OntWS3
			personal se	ecurity for every Afgh	nan; decrease criminal		
			activities/o	perations			
3	TRAC	IW Metric Ontology We	orkshop 3		07/15/2011		
	424	AntiTraffickingInPersonsAc	tivitvMoP	What is the level of activity i	n anti-trafficking in persons programs?	Р	Primary Importance
		BlackMarketActivityRating	,		asive are the black and gray markets?	Р	Primary Importance
	139	BorderControlActivityMoP			border control, boundary security, and	Ρ	Primary Importance
	412	ChangesInPopulationComp	ositionRating	What is the level of change i	n the breakdown of movement categories?	Р	Primary Importance
	350	CivilianHousingCapacityRat	ing	What is the status of civilian	housing capacity?	Р	Primary Importance
	120	CivilUnrestLevelRatingMoF	E	What is the level of civil (inte	ernal) unrest?	Р	Primary Importance
	121	ConflictCivilianDeathAndIn	juryRating	What is the death and injury	rate for civilians from conflict?	Р	Primary Importance
		ConflictPropertyDestruction		What is the property destruct		Р	Primary Importance
		ConnectionBetweenLawEnf ilitaryRating		military or not, multiple leve	veen the two: law enforcement as part of els of police, border guards, etc.?	Р	Primary Importance
		CorruptionInBusinessRating	9	What is the existing level of	-	Р	Primary Importance
		CorruptionInCultureRating		culture?	of corruption that is prevalent in the HN	Р	Primary Importance
	68	CorruptionInLawEnforceme	entRating	What is the existing level of organizations?	corruption in law enforcement	Ρ	Primary Importance
	256	Criminal&CorruptActivityN	loP		corrupt activities (intimidation, kidnapping, fficking, bribery, "protection," illicit services, attempted?	Р	Primary Importance
	148	DemobilizedArmedForcesA	ctivityRating	What is the number and influ forces?	uence/activity rating of the demobilized	Ρ	Primary Importance
	244	DrugCropReductionMoP		What is the progress in redu	cing drug crops?	Р	Primary Importance
	250	DrugCultivationRating		What is the drug cultivation	level?	Р	Primary Importance
	251	DrugManufactureRating		What is the drug manufacture	re level?	Р	Primary Importance
		DrugTransshipmentRating		What is the drug transshipm	ent level?	Р	Primary Importance
		DrugUseRating		What is the drug use level?		Р	Primary Importance
		ExternalAgitatorForcesActiv	vityRating		ce of external forces advocating conflict?	P	Primary Importance
		ExtortionActivityMoP			n, suppression of the population/opposition?		Primary Importance
		FactionalDisputeRating		What is the size and bitterne	·	P	Primary Importance
		FireDamageMoP	ina	What is the damage from fir		P P	Primary Importance Primary Importance
	5	FirstRespondersActivityRat	ing	activity?	are there; what is their influence and	Р	Primary importance
	20	FirstRespondersInvestment	MoP	What is the \$ investment in	first responders?	Р	Primary Importance
		FirstRespondersJobsCreate		How many first responder jo		Р	Primary Importance
		FirstRespondersTrainedMo		What is the progress in train		Р	Primary Importance
	409	FreedomOfMovementRatin	Ig	-	eedom of movement of the populace the land, free to move, etc.)?	Р	Primary Importance
	11	FreedomRating			(use something like the FreedomHouse	Ρ	Primary Importance
	36	GovtDestabilizationActivity	MoP		n destabilizing the HN government?	Р	Primary Importance
	71	GovtLawEnforcementEffect	ivenssRating	What is the effectiveness of organizations?	the government law enforcement	Ρ	Primary Importance
	460	InformationAvailabilityRati	ng	-	of information to the public?	Р	Primary Importance
	402	InternallyDisplacedPopulatig	ionActivityRatin	What is the number and influ	uence of the internally displaced population?	Ρ	Primary Importance
	248	KeyLeaderCriminalRating		What is the influence of each	h key criminal leader?	Р	Primary Importance
		KeyLeaderPoliticalRating		What is the influence of each	h key political leader?	Р	Primary Importance
	65	LawEnforcementOrganizati	onRating	What law enforcement orga	nizations exist and what is their size?	Ρ	Primary Importance
						Р	Primary Importance

LOE Description

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Metting Description Jew Jew Description 403 MigrartsActivityRating What is the number and influence of migrants from outside the courty (due to pull factors)? P Primary Importance 403 OveralliCrimeRating What is the oppositions stance on the use of force? P Primary Importance 62 OveralliCrimeRating What is the evend actina level? P Primary Importance 633 OveralliCrimeRating What is the evend actina level? P Primary Importance 641 ProceptionOfSafeMedSocurEnvironmentff What is the aunder and influence/activity rating of the paramilitary forces? P Primary Importance 71 PolicingOperationActivityMoP What is the rating on the vanibility opticate water? P Primary Importance 72 Primary Importance P Primary Importance P Primary Importance 73 Problems(Safet MWAtersuppRytating What is the level of acting opportantional activity rating of the private socurts? P Primary Importance 74 Priduational actinut acting a stance on the proception of a safe and socure environment. P Primary Importance	ID	Cor	nnections Source		Date		
46 OppositionPartyUseOfForceNating What is the oppositions starce on the use of force, measured from what is the opposition is the overall cinne level? P Primary importance 32 OveralliamediatelevelsOfThePropositions What is the level of satisfaction of the prople's overall immediate meeds? P Primary importance 341 Paramillary/orcesActivityRating What is the raing on the paragetion of a safe and secure environment? P Primary importance 347 Patientiany for a safe and secure environment? P Primary importance P 348 ProblemoStafeAdvescure-invironmenth What is the raing on the paragetion of a safe and secure environment? P Primary importance 347 PatientOstafeAdvescure-invironmenth What is the raing on the valiability optical problemostary and problemostand problemostary and problemostary and problemostary an		Metl	D Class Name	Defining Question		Lev	Level Description
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61OrganizedCrimeRatingWhat is the level of organized crime?xImplied Connection to LOE62OverallCrimeRatingWhat is the overall crime level?xImplied Connection to LOE418PerceptionOfSafeAndSecureEnvironmentMWhat is the rating on the perception of a safe and secure environment?XXDirect Connection to LOE77PolicingOperationsActivityMoPWhat is the level of policing operations being performed?XXDirect Connection to LOE78ReduceFinanceCrimesMoPWhat amount of finance crime has been detected?XXDirect Connection to LOE78ReduceIPTheftMoPWhat amount of organized and gang crime has been detected?XXDirect Connection to LOE791ReduceOrganizedCrimeMoPWhat is the level of security provided for refugee camps?XXDirect Connection to LOE420RefugeeCampSecurityActivityMoPWhat is the level of safeguarding of the institutions of governance and key officials?XXDirect Connection to LOE773SafeguardingGovernanceActivityMoPWhat is the level of safeguarding of the institutions of governance and key officials?XXDirect Connection to LOE784Verternment SectorDefend Governance, Rule of Law, and Human Rights: defend democration to LOEXXDirect Connection to LOE795RefugeDefend Governance, Rule of Law, and Human Rights: defend democration to LOEXXDirect Connection to LOE796VertorectionProgramsActivityMoPWhat is the level of activity in providing social protection programs?XXDirect Connection to LOE797 <td></td> <td>93</td> <td>HumanRightsMonitoringMoP</td> <td>What is the level of monitor</td> <td>ring for human rights practices?</td> <td>ΧХ</td> <td>Direct Connection to LOE</td>		93	HumanRightsMonitoringMoP	What is the level of monitor	ring for human rights practices?	ΧХ	Direct Connection to LOE
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418 PerceptionOfSafeAndSecureEnvironmentM What is the rating on the perception of a safe and secure environment? XX Direct Connection to LOE 77 PolicingOperationsActivityMoP What is the level of policing operations being performed? XX Direct Connection to LOE 78 ReduceFinanceCrimesMoP What amount of finance crime has been detected? XX Direct Connection to LOE 788 ReduceIPTheftMoP What amount of intellectual property theft, cyber crimes, has been detected? XX Direct Connection to LOE 791 ReduceOrganizedCrimeMoP What amount of organized and gang crime has been detected? XX Direct Connection to LOE 420 RefugeeCampSecurityActivityMoP What is the level of safeguarding of the institutions of governance and key officials? XX Direct Connection to LOE 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE 423 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE 424 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE <td< td=""><td></td><td>61</td><td>OrganizedCrimeRating</td><td>What is the level of organize</td><td>ed crime?</td><td>х</td><td>Implied Connection to LOE</td></td<>		61	OrganizedCrimeRating	What is the level of organize	ed crime?	х	Implied Connection to LOE
oFEVint is the level of policing operations being performed?XXDirect Connection to LOE787ReduceFinanceCrimesMoPWhat amount of finance crime has been detected?XXDirect Connection to LOE788ReduceIPTheftMoPWhat amount of intellectual property theft, cyber crimes, has been detected?XXDirect Connection to LOE791ReduceOrganizedCrimeMoPWhat amount of organized and gang crime has been detected?XXDirect Connection to LOE420RefugeeCampSecurityActivityMoPWhat is the level of security provided for refugee camps?XXDirect Connection to LOE173SafeguardingGovernanceActivityMoPWhat is the level of safeguarding of the institutions of governance and key officials?XXDirect Connection to LOE422SocialProtectionProgramsActivityMoPWhat is the level of activity in providing social protection programs?XXDirect Connection to LOEVEFend Government SectorDefend Governance, Rule of Law, and Human Rights: defend democratic processes and institutions; defend rule of lawVXOntWS3		62	OverallCrimeRating	What is the overall crime le	vel?	х	Implied Connection to LOB
787 ReduceFinanceCrimesMoP What amount of finance crime has been detected? XX Direct Connection to LOE 788 ReduceIPTheftMoP What amount of intellectual property theft, cyber crimes, has been detected? XX Direct Connection to LOE 791 ReduceOrganizedCrimeMoP What amount of organized and gang crime has been detected? XX Direct Connection to LOE 420 RefugeeCampSecurityActivityMoP What is the level of security provided for refugee camps? XX Direct Connection to LOE 173 SafeguardingGovernanceActivityMoP What is the level of safeguarding of the institutions of governance and key officials? XX Direct Connection to LOE 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE 423 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE 424 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE 425 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE		418		What is the rating on the pe	erception of a safe and secure environment?	ХХ	Direct Connection to LOE
788 ReduceIPTheftMoP What amount of intellectual property theft, cyber crimes, has been detected? XX Direct Connection to LOE 791 ReduceOrganizedCrimeMoP What amount of organized and gang crime has been detected? XX Direct Connection to LOE 420 RefugeeCampSecurityActivityMoP What is the level of security provided for refugee camps? XX Direct Connection to LOE 173 SafeguardingGovernanceActivityMoP What is the level of safeguarding of the institutions of governance and key officials? XX Direct Connection to LOE 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE Vefend Government Sector Defend Governance, Rule of Law, and Human Rights: defend democratic processes and institutions; defend rule of law OntWS3		77	PolicingOperationsActivityMoP	What is the level of policing	operations being performed?	ΧХ	Direct Connection to LOE
detected? 791 ReduceOrganizedCrimeMoP What amount of organized and gang crime has been detected? XX Direct Connection to LOE T 420 RefugeeCampSecurityActivityMoP What is the level of security provided for refugee camps? XX Direct Connection to LOE T 173 SafeguardingGovernanceActivityMoP What is the level of safeguarding of the institutions of governance and key officials? XX Direct Connection to LOE T 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE T Defend Government Sector Defend Governance, Rule of Law, and Human Rights: defend democratic processes and institutions; defend rule of law Mtwo states and institutions of governance of law		787	ReduceFinanceCrimesMoP	What amount of finance crit	me has been detected?	ΧХ	Direct Connection to LOE
420 RefugeeCampSecurityActivityMoP What is the level of security provided for refugee camps? XX Direct Connection to LOE T 173 SafeguardingGovernanceActivityMoP What is the level of safeguarding of the institutions of governance and key officials? XX Direct Connection to LOE T 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE T 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE T 0 What is the level of activity in providing social protection programs? XX Direct Connection to LOE T 0 Mat is the level of activity in providing social protection programs? XX Direct Connection to LOE T 0 Mat is the level of activity in providing social protection programs? XX Direct Connection to LOE T 0 Mat is the level of activity in providing social protection programs? XX Direct Connection to LOE T 0 Mat is the level of activity in providing social protection programs? XX Direct Connection to LOE T 0 Mat is the level of activity in providing social protection programs? Mat is the level of activity in providing social protection programs? </td <td></td> <td>788</td> <td>ReduceIPTheftMoP</td> <td></td> <td>I property theft, cyber crimes, has been</td> <td>ХХ</td> <td>Direct Connection to LOE</td>		788	ReduceIPTheftMoP		I property theft, cyber crimes, has been	ХХ	Direct Connection to LOE
173 SafeguardingGovernanceActivityMoP What is the level of safeguarding of the institutions of governance and key officials? XX Direct Connection to LOE To the connection to LOE To the connection programs? 422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE To the connecting the connecto the connection to LOE To the connection		791	ReduceOrganizedCrimeMoP	What amount of organized a	and gang crime has been detected?	ΧХ	Direct Connection to LOE
422 SocialProtectionProgramsActivityMoP What is the level of activity in providing social protection programs? XX Direct Connection to LOE T Defend Government Sector Defend Governance, Rule of Law, and Human Rights: defend democratic processes and institutions; defend rule of law Image: Connection to LOE T		420	RefugeeCampSecurityActivityMoP	What is the level of security	provided for refugee camps?	ΧХ	Direct Connection to LOE 1
Defend Government Sector Defend Governance, Rule of Law, and Human Rights: defend democratic processes and institutions; defend rule of law		173	SafeguardingGovernanceActivityMoP	-	rding of the institutions of governance and	ХХ	Direct Connection to LOE 1
democratic processes and institutions; defend rule of law		422	SocialProtectionProgramsActivityMoP	What is the level of activity	in providing social protection programs?		
)efe	end G			U U	~	OntWS3
	~		CIW Metric Ontology Workshop 3		07/15/2011		

3 TRAC IW Metric Ontology Workshop 3 75 AdministrationOfJusticeEffectivenessAndF How effective and fair is the administration of justice? Ρ airnessRating

Primary Importance

LOE Description

Offic Cite

ID	Con	nections Source		Date		
			Defining Question	Juio	Lave	Lovel Deceription
Ī	rietil	D Class Name	Defining Question		Lev	Level Description
		AntiTraffickingInPersonsActivityMoP		in anti-trafficking in persons programs?	Р	Primary Importance
		BlackMarketActivityRating		asive are the black and gray markets?	Р	Primary Importance
		ChangesInPopulationCompositionRating		in the breakdown of movement categories?	Р	Primary Importance
		CivilianHousingCapacityRating	What is the status of civilian	• • •	Р	Primary Importance
		CivilUnrestLevelRatingMoFE	What is the level of civil (into	•	Р	Primary Importance
		ConflictCivilianDeathAndInjuryRating CorruptionInBusinessRating	What is the existing level of	rate for civilians from conflict?	P P	Primary Importance Primary Importance
2		CorruptionInCultureRating	6	of corruption that is prevalent in the HN	P	Primary Importance
	68	CorruptionInLawEnforcementRating		corruption in law enforcement	Ρ	Primary Importance
1	148	DemobilizedArmedForcesActivityRating	What is the number and infl forces?	uence/activity rating of the demobilized	Ρ	Primary Importance
2	250	DrugCultivationRating	What is the drug cultivation	level?	Р	Primary Importance
2	251	DrugManufactureRating	What is the drug manufactu		Ρ	Primary Importance
		DrugTransshipmentRating	What is the drug transshipm	nent level?	Р	Primary Importance
2		DrugUseRating	What is the drug use level?		Р	Primary Importance
		ExtortionActivityMoP		n, suppression of the population/opposition?	Р	Primary Importance
_		FactionalDisputeRating	What is the size and bitterne	•	Р	Primary Importance
		FireDamageMoP FreedomOfMovementRating		eedom of movement of the populace	P P	Primary Importance Primary Importance
	11	FreedomRating		o the land, free to move, etc.)? (use something like the FreedomHouse	Ρ	Primary Importance
	91	GovtCorruptionMonitoringMoP		ing for corruption by government officials	Р	Primary Importance
		GovtDestabilizationActivityMoP		in destabilizing the HN government?	Р	Primary Importance
	71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of organizations?	the government law enforcement	Ρ	Primary Importance
	93	HumanRightsMonitoringMoP	What is the level of monitor	ing for human rights practices?	Р	Primary Importance
2	402	$\label{eq:linear} Internally Displaced Population Activity Ratin g$	What is the number and infl	uence of the internally displaced population?	Р	Primary Importance
2		KeyLeaderCriminalRating	What is the influence of each	•	Р	Primary Importance
		KeyLeaderPoliticalRating	What is the influence of each		Р	Primary Importance
		ManmadeDisasterDamageMoP	hazardous materials, etc.)?	anmade disasters (nuclear powerplant,	P	Primary Importance
		MicrofinanceSystemChangeMoP		rming microfinance systems?	Р	Primary Importance
2		MigrantsActivityRating OppositionPartyUseOfForceRating	(due to pull factors)?	uence of migrants from outside the country nee on the use of force, measured from	P P	Primary Importance Primary Importance
2		PerceptionOfSafeAndSecureEnvironmentM	wholly against to active use	of force?	P	Primary Importance
		oFE PolicingOperationsActivityMoP		operations being performed?	P	Primary Importance
		ProtectionOfHumanRightsRating	What is the status of human		P P	Primary Importance
4		ReturnOfExpatriatesRating	What is the level of returnin		P	Primary Importance
		SecurityForceAssistanceActivityMoP	What is the level of security	assistance (freedom of movement, border defense, etc.) provided to the HN?	P	Primary Importance
1	185	SecurityForStabilityActivityMoP		provided for the various stability operations	Ρ	Primary Importance
1	168	StabilityOpsActivityMoP		ensity of stability operations?	Р	Primary Importance
4	404	StressMigrationActivityRating	What is the level and signific	cance of stress migration?	Р	Primary Importance
11 H	artl	ey Notional Model		11/23/2011		
		AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the	-	х	Implied Connection to LOE
		CorruptionInLawEnforcementRating	organizations?	corruption in law enforcement	x	Implied Connection to LOE
	20	ElectionsConductedChangeMoP	elections?	ning, executing, monitoring, and publicizing	ХХ	Direct Connection to LOE Tasks

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# LOE Name	LOE Description		0	ffic Cite
ID Connections Source		Date		
MetID Class Name	Defining Question		Lev	Level Description
3 Increase Trust of Population K	Keep the population's trust: re population by police; reduce A	•	✓	OntWS3
3 TRAC IW Metric Ontology Wor	kshop 3	07/15/2011		
424 AntiTraffickingInPersonsActiv	vityMoP What is the level of activity	in anti-trafficking in persons programs?	Р	Primary Importance
139 BorderControlActivityMoP	What is the activity level of freedom of movement ope	f border control, boundary security, and rations?	Ρ	Primary Importance
254 CorruptionInBusinessRating	What is the existing level o	•	Р	Primary Importance
66 CorruptionInCultureRating	What is the perceived level culture?	l of corruption that is prevalent in the HN	Р	Primary Importance
68 CorruptionInLawEnforcement	organizations?	f corruption in law enforcement	Ρ	Primary Importance
256 Criminal&CorruptActivityMol		corrupt activities (intimidation, kidnapping, afficking, bribery, "protection," illicit services, n attempted?	Р	Primary Importance
47 FactionalDisputeRating	What is the size and bittern	ness of factional disputes?	Р	Primary Importance
11 FreedomRating	What is the freedom rating scale)?) (use something like the FreedomHouse	Р	Primary Importance
36 GovtDestabilizationActivityM		in destabilizing the HN government?		Primary Importance
71 GovtLawEnforcementEffectiv	organizations?	f the government law enforcement		Primary Importance
460 InformationAvailabilityRating		el of information to the public?	P	Primary Importance
248 KeyLeaderCriminalRating	What is the influence of ea	-	P	Primary Importance
474 KeyLeaderOpinionChangeRat		ader, what is the change in opinion?	P	Primary Importance
471 KeyLeaderOpinionRating	For each issue and each lea	•	P	Primary Importance
42 KeyLeaderPoliticalRating	What is the influence of ea		P	Primary Importance
65 LawEnforcementOrganization	What is the overall crime le	anizations exist and what is their size?	P P	Primary Importance
62 OverallCrimeRating				Primary Importance
edMoFE		ction of the people's overall immediate needs? erception of a safe and secure environment?		Primary Importance Primary Importance
oFE				
77 PolicingOperationsActivityMo 472 PopulationOpinionChangeRat	-	g operations being performed? change in popular opinion?	P P	Primary Importance Primary Importance
469 PopulationOpinionRating	For each issue, what is the	5 1 1 1	•	Primary Importance
461 PublicRecordsTransparencyR	ating What is the transparency r	ating for government information (records porting (push), transparency, etc.)?		Primary Importance
473 SignificantGroupOpinionChar		oup, what is the change in opinion?	Р	Primary Importance
470 SignificantGroupOpinionRatir	ng For each issue and each gro	oup, what is the opinion?	Р	Primary Importance
11 Hartley Notional Model		11/23/2011		
68 CorruptionInLawEnforcement	tRating What is the existing level o organizations?	f corruption in law enforcement	х	Implied Connection to LOE
795 ReduceCorruptionMoP	•	pended in reducing corruption in all areas?	ΧХ	Direct Connection to LOE Tasks
48 ResolutionOfDifferencesByCo psRating	mpetingGrou What is the method of reso ranging from violent confli	5 I 5 I ·	х	Implied Connection to LOE
4 Become Effective and	With the help of ISAF, become	both effective and Independent:	✓	OntWS3
Independent a	ble to counter criminal eleme	nt; function without mandatory		
	bartnering			
3 TRAC IW Metric Ontology Wor	kshop 3	07/15/2011		
139 BorderControlActivityMoP	freedom of movement ope	rations?	Р	Primary Importance
120 CivilUnrestLevelRatingMoFE	What is the level of civil (in			Primary Importance
121 ConflictCivilianDeathAndInjur		ry rate for civilians from conflict?		Primary Importance
66 CorruptionInCultureRating	What is the perceived level culture?	l of corruption that is prevalent in the HN	Р	Primary Importance

LOE Description

Offic Cite

ID C	onnections Source	Date		
Me	tID Class Name	Defining Question	Lev	Level Description
é	8 CorruptionInLawEnforcementRating	What is the existing level of corruption in law enforcement organizations?	Ρ	Primary Importance
25	6 Criminal&CorruptActivityMoP	What numbers of crimes & corrupt activities (intimidation, kidnapping, murder, smuggling, drug trafficking, bribery, "protection," illicit services, self-dealing, etc.) have been attempted?	Ρ	Primary Importance
24	7 CriminalOrganizationActivityRating	What is the activity level/influence/numbers of criminal organizations?	Р	Primary Importance
14	8 DemobilizedArmedForcesActivityRating	What is the number and influence/activity rating of the demobilized forces?	Р	Primary Importance
2	7 FactionalDisputeRating	What is the size and bitterness of factional disputes?	Р	Primary Importance
77	1 FireDamageMoP	What is the damage from fire or wildfire?	Р	Primary Importance
	5 FirstRespondersActivityRating	How many first responders are there; what is their influence and activity?	Р	Primary Importance
	0 FirstRespondersInvestmentMoP	What is the \$ investment in first responders?	Р	Primary Importance
	9 FirstRespondersJobsCreatedMoP	How many first responder jobs have been created?	Р	Primary Importance
	8 FirstRespondersTrainedMoP	What is the progress in training first responders?	Р	Primary Importance
	1 GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	Р	Primary Importance
	8 KeyLeaderCriminalRating	What is the influence of each key criminal leader?	Р	Primary Importance
	2 KeyLeaderPoliticalRating	What is the influence of each key political leader?	P	Primary Importance
	5 LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	Р	Primary Importance
	5 ManmadeDisasterDamageMoP	What is the damage from manmade disasters (nuclear powerplant, hazardous materials, etc.)?	P	Primary Importance
	2 OverallCrimeRating	What is the overall crime level?	Р	Primary Importance
	4 ParamilitaryForcesActivityRating	What is the number and influence/activity rating of the paramilitary forces?	P	Primary Importance
	7 PolicingOperationsActivityMoP	What is the level of policing operations being performed?	Р	Primary Importance
	5 PrivateSecurityForcesActivityRating	What is the number and influence/activity rating of the private security forces?	P	Primary Importance
	5 SecurityForceAssistanceActivityMoP	What is the level of security assistance (freedom of movement, border security, public safety, civil defense, etc.) provided to the HN?	P	Primary Importance
	5 SecurityForStabilityActivityMoP	What is the level of security provided for the various stability operations ongoing?	P	Primary Importance
	8 StabilityOpsActivityMoP	What is the activity level/intensity of stability operations?	P P	Primary Importance
	7 WeaponsControlActivityMoP tley Notional Model	What is the progress in implementing weapons control regimes? 11/23/2011	r	Primary Importance
ť	5 LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	x	Implied Connection to LOE
	5 PenalSystemChangeMoP	What is the progress in establishing humane penal systems?	XX	Direct Connection to LOE Tasks
5 Staff Ef	ective Police Force Staff and training	supply the force: recruit; retain; equip; provide literac	:у 🗹	² OntWS3
3 TR	AC IW Metric Ontology Workshop 3	07/15/2011		
13	9 BorderControlActivityMoP	What is the activity level of border control, boundary security, and freedom of movement operations?	Ρ	Primary Importance
12	0 CivilUnrestLevelRatingMoFE	What is the level of civil (internal) unrest?	Р	Primary Importance
17	1 ConfidenceBuildingActivityMoP	What is the level of confidence-building and security measures?	Р	Primary Importance
12	1 ConflictCivilianDeathAndInjuryRating	What is the death and injury rate for civilians from conflict?	Р	Primary Importance
7	0 ConnectionBetweenLawEnforcementAndM ilitaryRating	1 What is the connection between the two: law enforcement as part of military or not, multiple levels of police, border guards, etc.?	Ρ	Primary Importance
e	6 CorruptionInCultureRating	What is the perceived level of corruption that is prevalent in the HN culture?	Р	Primary Importance
ť	8 CorruptionInLawEnforcementRating	What is the existing level of corruption in law enforcement organizations?	Р	Primary Importance
25	6 Criminal&CorruptActivityMoP	What numbers of crimes & corrupt activities (intimidation, kidnapping, murder, smuggling, drug trafficking, bribery, "protection," illicit services, self-dealing, etc.) have been attempted?	Р	Primary Importance
14	8 DemobilizedArmedForcesActivityRating	What is the number and influence/activity rating of the demobilized forces?	Р	Primary Importance

LOE Description

ID	Cor	nnections Source	Date		
	MetI	D Class Name	Defining Question	Lev	Level Description
	71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	Ρ	Primary Importance
	82	LawEnforcementJobsCreatedMoP	How many police jobs have been created?	Р	Primary Importance
	81	LawEnforcementOfficersTrainedMoP	What is the progress in training policemen?	Р	Primary Importance
	65	LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	Р	Primary Importance
	62	OverallCrimeRating	What is the overall crime level?	Р	Primary Importance
	194	ParamilitaryForcesActivityRating	What is the number and influence/activity rating of the paramilitary forces?	Р	Primary Importance
	187	PersonnelRecoveryActivityMoP	What is the level of activity in personnel recovery?	Р	Primary Importance
	195	PrivateSecurityForcesActivityRating	What is the number and influence/activity rating of the private security forces?	Ρ	Primary Importance
	175	SecurityForceAssistanceActivityMoP	What is the level of security assistance (freedom of movement, border security, public safety, civil defense, etc.) provided to the HN?	Р	Primary Importance
	168	StabilityOpsActivityMoP	What is the activity level/intensity of stability operations?	Р	Primary Importance
	137	WeaponsControlActivityMoP	What is the progress in implementing weapons control regimes?	Р	Primary Importance
11	Hartl	ley Notional Model	11/23/2011		
	71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	х	Implied Connection to LOE
	79	LawEnforcementChangeMoP	What is the progress in reforming the police force(s)?	ХХ	Direct Connection to LOE Tasks
	82	LawEnforcementJobsCreatedMoP	How many police jobs have been created?	XX	Direct Connection to LOE Task
	83	LawEnforcementOfficerInvestmentMoP	What is the \$ investment in policemen?	XX	Direct Connection to LOE Task
	81	LawEnforcementOfficersTrainedMoP	What is the progress in training policemen?	XX	Direct Connection to LOE Tasks

# LOE I	Name	è	LOE Descr	iption		С	Offic Cite
ID	Conr	nections Source			Date		
	MetID	Class Name		Defining Question		Lev	Level Description
DE Owne	er A	fghan Criminals					
		rofitable	Conduct p	rofitable criminal ent	erprises: prevent stable HN govt	. 🗸	OntWS3
Opera					itable ops; get compliance of	/	ontrioo
opon		5	••	•	s plant/harvest of drugs;		
					ecursors and product; successful		
			•	• •	•		
				apapility, promable	services available to others		
3		IW Metric Ontology W	orkshop 3		07/15/2011		
		AgInvestmentMoP		agricultural transactions?	agricultural support programs and other	Р	Primary Importance
		AgPolicyChangeMoP		What is the progress in refo	00 1 5	Р	Primary Importance
		AgProductionMoP		What is the level of agricult	-	Р	Primary Importance
	139 E	BorderControlActivityMoP		What is the activity level of freedom of movement oper	border control, boundary security, and ations?	Р	Primary Importance
	58 C	CommonCrimeRating		What is the level of commo		Р	Primary Importance
		DrugCrimeRating		What is the level of drug cri	me?	Р	Primary Importance
		DrugCropReductionMoP		What is the progress in redu		Р	Primary Importance
		DrugCultivationRating		What is the drug cultivation	level?	Р	Primary Importance
		DrugManufactureRating		What is the drug manufactu	re level?	Р	Primary Importance
		ExternalGovtAdvisorsMoP		What is the number & influe government (not counting F	ence of external advisors to the HN Rule of Law advisors)?	Р	Primary Importance
	99 E	ExtortionActivityMoP		What is the level of extortio	n, suppression of the population/opposition?	Р	Primary Importance
	101 E	ExtrajudicialActivityMoP		What is the level of extrajud	licial activities (killings, intimidations, etc.)?	Р	Primary Importance
	36 (GovtDestabilizationActivity	MoP	What is the level of activity	in destabilizing the HN government?	Р	Primary Importance
	477 l	nformationCollectionActiv	itiesMoP	What is the activity level in	information collection and processing?	Р	Primary Importance
	704 L	ogisticsDistributedMoP		What quantity has been dis	tributed?	Р	Primary Importance
	61 (OrganizedCrimeRating		What is the level of organize	ed crime?	Р	Primary Importance
	757 F	PrecipitationRating		What is the precipitation level	vel, drought/flood status?	Р	Primary Importance
	195 F	PrivateSecurityForcesActiv	ityRating	What is the number and infl forces?	uence/activity rating of the private security	Ρ	Primary Importance
	10 F	RelationshipWithInterveno	rsRating	What is the relationship bet to very close?	ween the parties, ranging from adversarial	Р	Primary Importance
	137 V	NeaponsControlActivityMe	ρP	What is the progress in imp	lementing weapons control regimes?	Р	Primary Importance
11	Hartle	y Notional Model			11/23/2011		
	253 E	BlackMarketActivityRating		How large, active, and perv	asive are the black and gray markets?	х	Implied Connection to LOE
	789 (ConductFinanceCrimesMol)	What amount of finance cri	me has been committed?	ΧХ	Direct Connection to LOE T
	790 (ConductIPTheftMoP		What amount of IP theft has	s been committed?	ΧХ	Direct Connection to LOE T
	792 (ConductOrganizedCrimeMe	оP	What amount of organized	and gang crime has been committed?	ΧХ	Direct Connection to LOE T
	254 0	CorruptionInBusinessRating	9	What is the existing level of	corruption in business?	х	Implied Connection to LOE
	69 (CorruptionInCentralAuthor	ityRating	What is the existing level of	corruption in the central authority?	х	Implied Connection to LOE
	66 (CorruptionInCultureRating		What is the perceived level culture?	of corruption that is prevalent in the HN	х	Implied Connection to LOE
	68 (CorruptionInLawEnforceme	entRating	What is the existing level of organizations?	corruption in law enforcement	х	Implied Connection to LOE
	198 (CorruptionInMilitaryRating		What is the existing level of	corruption in the military?	х	Implied Connection to LOE
	67 (CorruptionInSocialServices	Rating	What is the existing level of services?	corruption in the government social	х	Implied Connection to LOE
	256 (Criminal&CorruptActivityN	10P		corrupt activities (intimidation, kidnapping, ifficking, bribery, "protection," illicit services, a attempted?	ХХ	Direct Connection to LOE T
	250 E	DrugCultivationRating		What is the drug cultivation	-	х	Implied Connection to LOE
	251 E	DrugManufactureRating		What is the drug manufactu	re level?	х	Implied Connection to LOE
	252 E	DrugTransshipmentRating		What is the drug transshipn	nent level?	х	Implied Connection to LOE
	249 E	DrugUseRating		What is the drug use level?		х	Implied Connection to LOE
	99 E	ExtortionActivityMoP		What is the level of extortio	n, suppression of the population/opposition?	ΧХ	Direct Connection to LOE T

# LOE	Name	LOE Descri	ption		C	Offic Cite
ID	Connections S	ource		Date		
	MetID Class Nam	ne	Defining Question		Lev	Level Description
	101 Extrajudicia 785 TradeDrugs		What is the level of extrajud What quantity of drugs have	dicial activities (killings, intimidations, etc.)? e been traded?	XX XX	Direct Connection to LOE Task Direct Connection to LOE Task
	elop Secure			that enables long term	\checkmark	OntWS3
Envir	ronment	•		rprise: ingratiating self to local estabilizing host nation		
3	TRAC IW Metric	: Ontology Workshop 3		07/15/2011		
	229 AgProductio	onMoP	What is the level of agricult	ural production?	Р	Primary Importance
	58 CommonCri	meRating	What is the level of commo	n crime?	Р	Primary Importance
	70 Connection ilitaryRating	BetweenLawEnforcementAndM J		ween the two: law enforcement as part of els of police, border guards, etc.?	Ρ	Primary Importance
	66 Corruption	nCultureRating	What is the perceived level culture?	of corruption that is prevalent in the HN	Р	Primary Importance
	68 Corruption	nLawEnforcementRating	What is the existing level of organizations?	corruption in law enforcement	Р	Primary Importance
	60 DrugCrime	Rating	What is the level of drug cri	me?	Р	Primary Importance
	244 DrugCropRe		What is the progress in redu	ucing drug crops?	Р	Primary Importance
	250 DrugCultiva	=	What is the drug cultivation		Р	Primary Importance
	251 DrugManuf	•	What is the drug manufactu		P	Primary Importance
	14 ExternalGov		government (not counting R		P	Primary Importance
	-	tionMonitoringMoP		ring for corruption by government officials	Р	Primary Importance
	3 GovtDecisio	nAuthorityRating	Who has power (autocratic, etc.)?	, democratic, theocratic, monarchy, warlords,	Р	Primary Importance
	36 GovtDestab	ilizationActivityMoP		in destabilizing the HN government?	Р	Primary Importance
	145 GovtMilitar	yForcesActivityRating	What is the number and infl forces?	luence/activity rating of the HN military	Ρ	Primary Importance
	477 Information	CollectionActivitiesMoP	What is the activity level in	information collection and processing?	Р	Primary Importance
	131 IWActivityM		What is the activity level/in		Р	Primary Importance
	248 KeyLeaderC	5	What is the influence of eac	-	Р	Primary Importance
	42 KeyLeaderP	•	What is the influence of eac		P	Primary Importance
		mentOrganizationRating		anizations exist and what is their size?	Р	Primary Importance
	704 LogisticsDis		What quantity has been dist		Р	Primary Importance
	61 OrganizedC	•	What is the level of organize		Р	Primary Importance
	418 Perception oFE	JTSafeAndSecureEnvironmentIVI	What is the rating on the pe	erception of a safe and secure environment?	Р	Primary Importance
	9 1	erationsActivityMoP		operations being performed?	Р	Primary Importance
	757 Precipitatio	•	What is the precipitation level	-	Р	Primary Importance
	195 PrivateSecu	rityForcesActivityRating	What is the number and infl forces?	luence/activity rating of the private security	Р	Primary Importance
11	Hartley Notiona	al Model		11/23/2011		
	253 BlackMarke	tActivityRating	How large, active, and perva	asive are the black and gray markets?	х	Implied Connection to LOE
	254 Corruption	nBusinessRating	What is the existing level of	corruption in business?	х	Implied Connection to LOE
	69 Corruption	nCentralAuthorityRating	What is the existing level of	corruption in the central authority?	х	Implied Connection to LOE
	66 CorruptionI	nCultureRating	What is the perceived level culture?	of corruption that is prevalent in the HN	х	Implied Connection to LOE
		nLawEnforcementRating	organizations?	corruption in law enforcement	х	Implied Connection to LOE
	198 Corruption		What is the existing level of		Х	Implied Connection to LOE
		nSocialServicesRating	What is the existing level of services?	corruption in the government social	х	Implied Connection to LOE
	256 Criminal&C	orruptActivityMoP		corrupt activities (intimidation, kidnapping, afficking, bribery, "protection," illicit services, a attempted?	ХХ	Direct Connection to LOE Task
	34 Diplomatic	ActionsMoP	What is the level of diploma	tic actions to and from the HN government, inications, making alliances, etc.)?	ХХ	Direct Connection to LOE Task
	101 Extrajudicia	IActivityMoP	What is the level of extrajuc	dicial activities (killings, intimidations, etc.)?	ХХ	Direct Connection to LOE Task
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# LOE	Nam	ne	LOE Descri	ption		C	Offic Cite
ID	Cor	nnections Source		•	Date		
	Moti	D Class Name		Defining Question			Level Description
	wicth	olass Name		Denning Question		LUV	Level Description
LOE Owne	er	US Department of D	Defense				
1 Estab	olish	Civil Security	•		d maintain order; establish	\checkmark	FM3-24.2
				upport police	safety and civil defense support		
1	TRAC	CIW Metric Ontology We	orkshop 2		04/27/2011		
	512	AgricultureInfraCapacityDa	magedMoP	What capacity of agriculture	estructures has been damaged?	S	Secondary Importance
		AirMovementDamageMoP			r movement (storms, blizzards, hurricanes,	Т	Tertiary Importance
	656	AirportCapacityDamagedM	loP	What capacity of the airport	infrastructure has been damaged?	S	Secondary Importance
	416	AntiPopulationMovementA	ctivitiesMoP	What is the level of activities movements?	s to reduce the likelihood of population	Ρ	Primary Importance
		AntiTraffickingInPersonsAc	tivityMoP		n anti-trafficking in persons programs?	S	Secondary Importance
		AttritionAirFromAirMoP	_	How much damage/attrition		Р	Primary Importance
		AttritionAirFromSurfaceMo		How much damage/attrition		Р	Primary Importance
		AttritionAirFromUnderwate	erMoP	How much damage/attrition		Р	Primary Importance
		AttritionCollateralMoP		How much damage/attrition		Р	Primary Importance
		AttritionFromBiologicalAge		How much damage/attrition		Р	Primary Importance
		AttritionFromChemicalsMo		How much damage/attrition		Р	Primary Importance
		AttritionFromHighYieldExpl		How much damage/attrition		Р	Primary Importance
		AttritionFromRadiologicalA		How much damage/attrition		Р	Primary Importance
		AttritionSurfaceFromAirMo		How much damage/attrition		Р	Primary Importance
		AttritionSurfaceFromSurfac		How much damage/attrition		Р	Primary Importance
		AttritionSurfaceFromUnder		How much damage/attrition		P P	Primary Importance
		AttritionUnderwaterFromA AttritionUnderwaterFromS		How much damage/attrition		Р Р	Primary Importance
		AttritionUnderwaterFromU		How much damage/attrition		P P	Primary Importance
		BorderControlActivityMoP	muel water MOP	How much damage/attrition	border control, boundary security, and	P P	Primary Importance Primary Importance
		BridgeAndTunnelCapacityD	AvMonade	freedom of movement operation		r S	Secondary Importance
			·	damaged?			
		BusinessInfraCapacityDama	•		commercial structures has been damaged?	S	Secondary Importance
		ChangesInPopulationComp	0	•	n the breakdown of movement categories?	Р	Primary Importance
		CivilUnrestLevelRatingMoF		What is the level of civil (interview)		Р	Primary Importance
		CommandAndControlEstab	lishedMoP		processes have been established?	P	Primary Importance
		CommonCrimeRating		What is the level of commor		S	Secondary Importance
		CommunicationsEstablishe		What communications capa		Р т	Primary Importance
		ComplianceWithPeaceAcco			maintaining compliance with peace accords? rate for civilians from conflict?	I P	Tertiary Importance
		ConflictCivilianDeathAndIn		, ,		P P	Primary Importance
		ConflictCombatantDeathAr ConflictPropertyDestruction		What is the property destruction	rate for combatants from conflict?	г Р	Primary Importance Primary Importance
		ConsequenceManagement	•		ence management support being provided?	г Р	Primary Importance
		ConventionalWarActivityM	,	What is the activity level/int		S	Secondary Importance
		CorruptionInLawEnforceme			corruption in law enforcement	S	Secondary Importance
	256	Criminal&CorruptActivityN	loP	What numbers of crimes & c	corrupt activities (intimidation, kidnapping, fficking, bribery, "protection," illicit services, attempted?	S	Secondary Importance
	246	CriminalsActivityRating		What is the activity level/inf	luence/numbers of criminals?	S	Secondary Importance
	682	DamsInfraCapacityDamage	dMoP	What capacity of the dam in	frastructure has been damaged?	S	Secondary Importance
	133	DemilZonesEtcActivityMoP		arms embargoes?	blishing demilitarized zones, sanctions, and	Т	Tertiary Importance
		DisarmamentEffectiveness	Rating		ting of disarmament efforts?	Р	Primary Importance
		DrugCrimeRating		What is the level of drug crin		Т	Tertiary Importance
		EconomicDamageActivityN			nd scope of damages on the economy?	S	Secondary Importance
	534	EducationInfraCapacityDan	nagedMoP	What capacity of the educat	ion infrastructure has been damaged?	S	Secondary Importance
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LOE Description

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C	onnections Source		Date		
Me	tID Class Name	Defining Question		Lev	Level Description
2	6 ElectionsConductedChangeMoP	What is the progress in plan elections?	ning, executing, monitoring, and publicizing	Т	Tertiary Importance
56	7 ElectricDistributionCapacityDamagedMoP		c distribution infrastructure has been	S	Secondary Importance
56	5 ElectricProductionCapacityDamagedMoP		production infrastructure has been	S	Secondary Importance
4	4 ExternalAgitatorForcesActivityRating	What is the size and influence	e of external forces advocating conflict?	Р	Primary Importance
8	9 ExternalJusticeAdvisorsMoP	What is the number & influe criminal justice organization	nce of external advisors to the police and is?	Р	Primary Importance
	9 ExtortionActivityMoP		n, suppression of the population/opposition?	Т	Tertiary Importance
	9 ExtractiveEnergyProductionCapacityDama gedMoP	been damaged?	ive energy production infrastructure has	S	Secondary Importance
	1 ExtractiveEnergyTransportCapacityDamag edMoP	been damaged?	ive energy transportation infrastructure has	S	Secondary Importance
	1 ExtrajudicialActivityMoP		icial activities (killings, intimidations, etc.)?	S	Secondary Importance
	7 FactionalDisputeRating	What is the size and bitterne	•	T	Tertiary Importance
	1 FireDamageMoP	What is the damage from fir		S	Secondary Importance
	5 FirstRespondersActivityRating	activity?	are there; what is their influence and	S	Secondary Importance
	8 FirstRespondersTrainedMoP	What is the progress in train	0 1	S	Secondary Importance
	0 ForcedPopulationMovementRating	camps or ethnic cleansing)?	opulation movement (whether into refugee	P	Primary Importance
	9 ForceSecurityActivityMoP	operations safely?	curity provided to allow prosecuting other	P	Primary Importance
	9 FreedomOfMovementRating	(politically restricted, tied to	eedom of movement of the populace the land, free to move, etc.)?	Р т	Primary Importance
	1 FreedomRating	scale)?	(use something like the FreedomHouse	Т т	Tertiary Importance
	4 GovernanceRating		at are the checks on its power?	T T	Tertiary Importance
	3 GovtDecisionAuthorityRating	etc.)?	democratic, theocratic, monarchy, warlords,		Tertiary Importance
	9 GovtDecisionMakingRating 1 GovtLawEnforcementEffectivenssRating	elections, dispute resolution		Т т	Tertiary Importance
	6 GovtLeaderChangeRating	organizations?	the government law enforcement e: elections, hereditary succession, coup,	т т	Tertiary Importance Tertiary Importance
	5 GovtMilitaryForcesActivityRating	revolution?	uence/activity rating of the HN military	s	Secondary Importance
14	o contraintar y or concerning	forces?	action activity ruting of the fine finitually	5	
58	5 GovtStructuresCapacityDamagedMoP	What capacity of the govern	ment infrastructure has been damaged?	Р	Primary Importance
21	6 HAActivityMoP	What is the activity level/int operations?	ensity of Humanitarian Assistance	Ρ	Primary Importance
	1 HealthInfraCapacityDamagedMoP		infrastructure has been damaged?	S	Secondary Importance
	0 HNMilitaryEffectivenessRatingMoFE	quality, materiel, budget, dis	rganization, oversight, capacity, training scipline, recruiting) of the HN military?	S	Secondary Importance
	3 HumanRightsMonitoringMoP		ing for human rights practices?	Ρ	Primary Importance
39	6 IllnessCausedByFamineEpidemicMoP	famine, epidemic, etc.?	aused by health emergencies, such as	Т	Tertiary Importance
	6 InsurgentsActivityRating		uence/activity rating of the insurgents?	Р	Primary Importance
	6 IntelligenceServicesRating	services?	uence/activity rating of the intelligence	Т	Tertiary Importance
	0 IntelServiceChangeMoP		rming the HN intelligence services?	S	Secondary Importance
	3 IntelServiceJobsCreatedMoP	How many intelligence servi	-	Т	Tertiary Importance
	2 IntelServiceTrainedMoP		ing intelligence service personnel?	S	Secondary Importance
	1 IWActivityMoP	What is the activity level/int		Ρ	Primary Importance
	9 KeyLeaderMilitaryDecisionMakingRating		lity of key military leaders decision making?	Т	Tertiary Importance
	0 KeyLeaderNonGovtArmedRating		h key non-government armed group leader?	Р	Primary Importance
	0 KeyLeaderPoliticalAgitatorRating	What is the influence of anti		S	Secondary Importance
3	9 KeyLeaderPoliticalProPeaceRating	What is the influence of pro-	peace key political leaders?	S	Secondary Importance

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LOE Description

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o Cor	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
763	LandCharacterizationRating	How is the terrain characterized (trafficability, cover, vegatation type, etc.)?	Р	Primary Importance
79	LawEnforcementChangeMoP	What is the progress in reforming the police force(s)?	S	Secondary Importance
81	LawEnforcementOfficersTrainedMoP	What is the progress in training policemen?	S	Secondary Importance
65	LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	S	Secondary Importance
700	LogisticsAcquiredMoP	What quantity has been acquired?	Р	Primary Importance
704	LogisticsDistributedMoP	What quantity has been distributed?	Р	Primary Importance
708	LogisticsMovedInAirMoP	What quantity has been moved in the air?	Р	Primary Importance
706	LogisticsMovedOnGroundMoP	What quantity has been moved on the ground?	Р	Primary Importance
	LogisticsMovedOnWaterMoP	What quantity has been moved on water?	Р	Primary Importance
	LogisticsMovedUnderWaterMoP	What quantity has been moved under water?	Р	Primary Importance
	LogisticsWarehousedMoP	What quantity has been warehoused?	Р	Primary Importance
	ManufacturingInfraCapacityDamagedMoP	What capacity of manufacturing structures has been damaged?	S	Secondary Importance
525	MediaInfraCapacityDamagedMoP	What capacity of the media infrastructure has been damaged?	S	Secondary Importance
154	MilitaryChangeMoP	What is the progress in reforming the HN military?	S	Secondary Importance
	MilitaryExercisesActivityMoP	What is the activity level of military exercises?	S	Secondary Importance
587 156	MilitaryStructuresCapacityDamagedMoP MilitaryTrainedMoP	What capacity of the military infrastructure has been damaged? What is the progress in training military personnel?	P S	Primary Importance Secondary Importance
156 593	MilitaryVehiclesCapacityDamagedMoP	What capacity of the military vehicles has been damaged?	P	Primary Importance
	MineLevelActivityMoP	What is the level of mine (mines, UXO, IEDs) clearance/placement activity?	P	Primary Importance
764	NaturalFeaturesRating	How are natural features represented (rivers, mountains, etc.)?	Р	Primary Importance
459	NegativeImpactOfInterventionRating	What is the level of influence of negative events coming from the intervention?	Т	Tertiary Importance
218	NEOActivityMoP	What is the activity level/intensity of Non-combatant Evacuation Operations?	Р	Primary Importance
658	NonMilVehiclesCapacityDamagedMoP	What capacity of the non-military vehicles has been damaged?	S	Secondary Importance
202	NonNationStateActorsFundingChangeMoP	What is the level of activity to identify and interdict funding of non- nation state actors?	Р	Primary Importance
191	NonNationStateActorsFundingRating	What is the level of funding for each non-nation state actor?	Р	Primary Importance
	NonNationStateActorsPopulationSupportC hangeMoP	What is the level of activity to identify financial, institutional and local support for non-nation state actors and disrupt it?	Р	Primary Importance
	NonNationStateActorsPopulationSupportR ating	What is the level of popular support for each non-nation state actor?	Р	Primary Importance
	NonNationStateActorsRecruitingChangeM oP	What is the level of activity to identify and interdict recruitment by non nation state actors?		Primary Importance
	NonNationStateActorsRecruitingRating	What is the level of recruiting for each non-nation state actor?	Р	Primary Importance
	ObscurantsInPlaceMoP OppositionPartyUseOfForceRating	How much obscurants are in place? What is the oppositions stance on the use of force, measured from wholly against to active use of force?	P T	Primary Importance Tertiary Importance
61	OrganizedCrimeRating	What is the level of organized crime?	т	Tertiary Importance
194	с с с	What is the number and influence/activity rating of the paramilitary forces?	P	Primary Importance
418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the perception of a safe and secure environment?	Ρ	Primary Importance
187	PersonnelRecoveryActivityMoP	What is the level of activity in personnel recovery?	Р	Primary Importance
214	PiracyActivityMoP	What is the activity level/intensity of piracy and anti-piracy operations?	Р	Primary Importance
77	PolicingOperationsActivityMoP	What is the level of policing operations being performed?	S	Secondary Importance
59	PoliticalCrimeRating	What is the level of "political" crimes as defined by the HN government	?Т	Tertiary Importance
208	PoliticalInstabilityMitigationActivityMoP	What is the level of activity to mitigate political instability and individual unrest actions by non-nation state actors?		Tertiary Importance
	PowersharingMonitoringMoP	What is the status of monitoring power sharing arrangements?	T	Tertiary Importance
	PrivateSecurityForcesActivityRating	What is the number and influence/activity rating of the private security forces?		Secondary Importance
	ProtectionOfHumanRightsRating	What is the status of human rights protection?	P	Primary Importance
650 420	RailroadCapacityDamagedMoP	What capacity of the railroad infrastructure has been damaged?	S D	Secondary Importance
420	RefugeeCampSecurityActivityMoP	What is the level of security provided for refugee camps?	Р	Primary Importance

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LOE Description

)	Cor	nections Source		Date		
	Metll	D Class Name	Defining Question		Lev	Level Description
_	406	RefugeesActivityRating	What is the number and infl (due to push factors)?	uence of migrants from outside the country	Р	Primary Importance
	147	RegimeSponsoredNonMilitaryArmedForces ActivityRating		uence/activity rating of the regime ned forces?	Т	Tertiary Importance
	10	RelationshipWithIntervenorsRating	What is the relationship bet to very close?	ween the parties, ranging from adversarial	Т	Tertiary Importance
	414	ResettledPeopleChangeMoP	How many people have been	n resettled?	Р	Primary Importance
		psRating	ranging from violent conflict		Т	Tertiary Importance
		RoadCapacityDamagedMoP		nfrastructure has been damaged?	S	Secondary Importance
		SafeguardingGovernanceActivityMoP	key officials?	rding of the institutions of governance and	Р	Primary Importance
				tion of people's spiritual needs?	S	Secondary Importance
		SeaportCapacityDamagedMoP		t infrastructure has been damaged?	S	Secondary Importance
		SeastateRating	How is seastate represented		P	Primary Importance
		SecurityCoordinationActivityMoP SecurityForceAssistanceActivityMoP	intervenors?	coordination between the HN and the assistance (freedom of movement, border	P S	Primary Importance Secondary Importance
		SecurityForHAActivityMoP	security, public safety, civil o	defense, etc.) provided to the HN? provided for the various Humanitarian	з Р	Primary Importance
		SecurityForPOActivityMoP	Assistance operations ongoi	•	P	Primary Importance
		SecurityForStabilityActivityMoP	ongoing?	provided for the various stability operations	Р	Primary Importance
	744	SensorsEstablishedMoP	ongoing? What sensor capability has b	been established?	Р	Primary Importance
	754	TemperatureRating	What is the temperature, he		Т	Tertiary Importance
	200	TerrorismActivityMoP	What is the level of terrorism	m and anti- and counterterrorism operations?	Р	Primary Importance
	197	TerroristsActivityRating	What is the number and infl	uence/activity rating of the terrorists?	Р	Primary Importance
	442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	e of the Status Quo?	Т	Tertiary Importance
	316	TourismIndustryRating	What is the status of the tou	irism industry?	S	Secondary Importance
	32	TransitionGovtCreationChangeMoP	What is the progress in estat government?	blishing, staffing, and funding a transition	Т	Tertiary Importance
		WarCrimesActivitiesChangeMoP		crimes investigations, tribunals, etc.?	Р	Primary Importance
		WaterAndSewageTreatmentInfraCapacityD amagedMoP	been damaged?	and sewage treatment infrastructure has	S	Secondary Importance
		oP	damaged?	distribution infrastructure has been	S	Secondary Importance
		WaterMovementDamageMoP	seiche, etc.)?	ater movement (flood/dam failure, tsunami,	S	Secondary Importance
		WaterwaysCapacityDamagedMoP		ways infrastructure has been damaged? ementing weapons control regimes?	S T	Secondary Importance
~		WeaponsControlActivityMoP	winat is the progress in impl		I	Tertiary Importance
2	Hartl	ey Notional Model		05/31/2011		
	297	AcceptableJobAvailabilityRating	What is the level of acceptal	ble job availability?	m	Model Implied Connection to
		AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the	-	m	Model Implied Connection to
	416	AntiPopulationMovementActivitiesMoP	movements?	s to reduce the likelihood of population	х	Implied Connection to LOE
		AttritionAirFromAirMoP	How much damage/attrition		Х	Implied Connection to LOE
		AttritionAirFromSurfaceMoP	How much damage/attrition		Х	Implied Connection to LOE
		AttritionAirFromUnderwaterMoP	How much damage/attrition		x	Implied Connection to LOE
		AttritionFromHighYieldExplosivesMoP	How much damage/attrition		X	Implied Connection to LOE
		AttritionSurfaceFromAirMoP AttritionSurfaceFromSurfaceMoP	How much damage/attrition How much damage/attrition		x x	Implied Connection to LOE Implied Connection to LOE
		AttritionSurfaceFromUnderwaterMoP	How much damage/attrition		x x	Implied Connection to LOE
		AttritionUnderwaterFromAirMoP	How much damage/attrition		x	Implied Connection to LOE
	721	AttritionUnderwaterFromSurfaceMoP	How much damage/attrition		x	Implied Connection to LOE
		AttritionUnderwaterFromUnderwaterMoP	How much damage/attrition		х	Implied Connection to LOE
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LOE Description

# LOE	Nam	ne LOE Descri	ption		C	Offic Cite
ID	Cor	nnections Source		Date		
	Metl	D Class Name	Defining Question		Lev	Level Description
	7	CentralAuthorityEffectivenessRating	How effectively does it gove capability, etc.), influence ev	rn: political capacity (tax collection /ents?	m	Model Implied Connection to
	120	CivilUnrestLevelRatingMoFE	What is the level of civil (inte	ernal) unrest?	х	Implied Connection to LOE
	748	CommandAndControlEstablishedMoP	What command and control	processes have been established?	х	Implied Connection to LOE
	746	CommunicationsEstablishedMoP	What communications capal	bility has been established?	х	Implied Connection to LOE
	52	ComplianceWithPeaceAccordsMoP	What is the level of effort in	maintaining compliance with peace accords?	х	Implied Connection to LOE
	171	ConfidenceBuildingActivityMoP	What is the level of confiden	nce-building and security measures?	х	Implied Connection to LOE
	210	ConsequenceManagementActivityMoP	What is the level of consequ	ence management support being provided?	х	Implied Connection to LOE
	129	ConventionalWarActivityMoP	What is the activity level/int	-	х	Implied Connection to LOE
	133	DemilZonesEtcActivityMoP	arms embargoes?	blishing demilitarized zones, sanctions, and	х	Implied Connection to LOE
	148	DemobilizedArmedForcesActivityRating	What is the number and influ forces?	uence/activity rating of the demobilized	m	Model Implied Connection to
	152	DemobProcessChangeMoP	What is the progress in dem military and paramilitary un	obilizing, reducing, and reintegrating its?	х	Implied Connection to LOE
	34	DiplomaticActionsMoP	internal & external (commun	tic actions to and from the HN government, nications, making alliances, etc.)?	х	Implied Connection to LOE
	179	ForceSecurityActivityMoP	operations safely?	curity provided to allow prosecuting other	х	Implied Connection to LOE
	269	0 0	What is the level of foreign i		m	Model Implied Connection to
		GovtDomesticLegitimacyRatingMoFE	-	nacy level of the HN government?	Х	Implied Connection to LOE
		GovtLawEnforcementEffectivenssRating	organizations?	the government law enforcement	m	Model Implied Connection to
		GovtLiaisonProgramActivitiesMoP		n liaison with he HN government?	х	Implied Connection to LOE
	216	HAActivityMoP	operations?	ensity of Humanitarian Assistance	х	Implied Connection to LOE
	150	HNMilitaryEffectivenessRatingMoFE	quality, materiel, budget, dis	rganization, oversight, capacity, training scipline, recruiting) of the HN military?	m	Model Implied Connection to
	477	InformationCollectionActivitiesMoP	=	nformation collection and processing?	Х	Implied Connection to LOE
	481	InformationControl&DisseminationActiviti esMoP	-	nformation control & dissemination?	х	Implied Connection to LOE
		InsurgentsActivityRating		uence/activity rating of the insurgents?	m	Model Implied Connection to
	402	InternallyDisplacedPopulationActivityRatin g	What is the number and influ	uence of the internally displaced population?	m	Model Implied Connection to
	144	InterventionForcesActivityRating	What is the number and influ forces?	uence/activity rating of the intervention	m	Model Implied Connection to
		IWActivityMoP	What is the activity level/int		х	Implied Connection to LOE
	105	KeyLeaderDiplomatsRating	What is the influence of each	5 1	m	Model Implied Connection to
	474	KeyLeaderOpinionChangeRating		ler, what is the change in opinion?	m	Model Implied Connection to
		LawEnforcementChangeMoP	What is the progress in refor		x	Implied Connection to LOE
	82		How many police jobs have I		XX	Direct Connection to LOE Tasks
		LawEnforcementOfficerInvestmentMoP	What is the \$ investment in	•	XX	Direct Connection to LOE Tasks
	81	LawEnforcementOfficersTrainedMoP	What is the progress in train	51	XX	Direct Connection to LOE Tasks
	700	LogisticsAcquiredMoP	What quantity has been acq		X	Implied Connection to LOE
	704	5	What quantity has been dist		X	Implied Connection to LOE
	708	5	What quantity has been mov		X	Implied Connection to LOE
		LogisticsMovedOnGroundMoP	What quantity has been mov	•	X	Implied Connection to LOE
	710	5	What quantity has been mov		X	Implied Connection to LOE
		LogisticsMovedUnderWaterMoP	What quantity has been mov		X	Implied Connection to LOE
		LogisticsWarehousedMoP MediationNegotiationsPersuasionMoP	What quantity has been war What is the amount of media have been undertaken?	ation, negotiation & persuasion efforts that	x x	Implied Connection to LOE Implied Connection to LOE
	166	MilitaryExercisesActivityMoP	What is the activity level of r	military exercises?	х	Implied Connection to LOE
		MineLevelActivityMoP		ines, UXO, IEDs) clearance/placement	x	Implied Connection to LOE
	485	NegativePRActivitiesMoP	-	negative public relations activities?	х	Implied Connection to LOE
		NEOActivityMoP		ensity of Non-combatant Evacuation	x	Implied Connection to LOE
	210	onoungmon	Operations?		~	pilou connection to LOL

LOE Description

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Cor	nnections Source		Date		
Metll	D Class Name	Defining Question		Lev	Level Description
202	NonNationStateActorsFundingChangeMoP	What is the level of activity t nation state actors?	to identify and interdict funding of non-	х	Implied Connection to LC
206	NonNationStateActorsPopulationSupportC hangeMoP	What is the level of activity t support for non-nation state	to identify financial, institutional and local e actors and disrupt it?	Х	Implied Connection to LC
204	NonNationStateActorsRecruitingChangeM oP	What is the level of activity t nation state actors?	to identify and interdict recruitment by non-	х	Implied Connection to LC
135	ObserverMissionsActivityMoP	What is the activity level of o	observer missions?	х	Implied Connection to LC
46	OppositionPartyUseOfForceRating	What is the oppositions stan wholly against to active use	ce on the use of force, measured from of force?	m	Model Implied Connection
194	ParamilitaryForcesActivityRating	What is the number and influ forces?	uence/activity rating of the paramilitary	m	Model Implied Connectio
127	PeaceOpsActivityMoP	What is the activity level/int	ensity of Peace Operations?	х	Implied Connection to LC
418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the per	rception of a safe and secure environment?	ХХ	Direct Connection to LOE
214	PiracyActivityMoP	What is the activity level/int	ensity of piracy and anti-piracy operations?	х	Implied Connection to LC
77	PolicingOperationsActivityMoP	What is the level of policing	operations being performed?	ΧХ	Direct Connection to LOE
472	PopulationOpinionChangeRating	For each issue, what is the cl	hange in popular opinion?	m	Model Implied Connection
483	PositivePRActivitiesMoP	What is the activity level of p	positive public relations activities?	х	Implied Connection to LC
54	PowersharingMonitoringMoP	What is the status of monito	ring power sharing arrangements?	х	Implied Connection to LC
420	RefugeeCampSecurityActivityMoP	What is the level of security	provided for refugee camps?	х	Implied Connection to LC
147	RegimeSponsoredNonMilitaryArmedForces ActivityRating	What is the number and influ sponsored, non-military arm	uence/activity rating of the regime ned forces?	m	Model Implied Connection
173	SafeguardingGovernanceActivityMoP	What is the level of safeguar key officials?	ding of the institutions of governance and	х	Implied Connection to LC
177	SecurityCoordinationActivityMoP	What is the level of security intervenors?	coordination between the HN and the	х	Implied Connection to LC
175	SecurityForceAssistanceActivityMoP	5	assistance (freedom of movement, border Jefense, etc.) provided to the HN?	ХХ	Direct Connection to LOE
181	SecurityForHAActivityMoP	What is the level of security Assistance operations ongoin	provided for the various Humanitarian ng?	ХХ	Direct Connection to LOE
183	SecurityForPOActivityMoP	What is the level of security ongoing?	provided for the various peace operations	ХХ	Direct Connection to LOE
185	SecurityForStabilityActivityMoP	What is the level of security ongoing?	provided for the various stability operations	ХХ	Direct Connection to LOE
744	SensorsEstablishedMoP	What sensor capability has b	been established?	х	Implied Connection to LC
473	SignificantGroupOpinionChangeRating	For each issue and each grou	up, what is the change in opinion?	m	Model Implied Connection
168	StabilityOpsActivityMoP	What is the activity level/int	ensity of stability operations?	ХХ	Direct Connection to LOE
197	TerroristsActivityRating	What is the number and influ	uence/activity rating of the terrorists?	m	Model Implied Connection
442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	m	Model Implied Connection
95	WarCrimesActivitiesChangeMoP	What is the progress on war	crimes investigations, tribunals, etc.?	х	Implied Connection to LC
137	WeaponsControlActivityMoP	What is the progress in imple	ementing weapons control regimes?	х	Implied Connection to LC

disarm, demobilize and reintegrate ex-combatants; resettle displaced citizens; provide populace with humane care and treatment; support HN police, fire, rescue, and penal units

1 TRAC IW Metric Ontology Workshop 2 04/27/2011 297 AcceptableJobAvailabilityRating What is the level of acceptable job availability? Т **Tertiary Importance** 75 AdministrationOfJusticeEffectivenessAndF How effective and fair is the administration of justice? Ρ Primary Importance airnessRating 424 AntiTraffickingInPersonsActivityMoP What is the level of activity in anti-trafficking in persons programs? Ρ Primary Importance 253 BlackMarketActivityRating How large, active, and pervasive are the black and gray markets? S Secondary Importance What is the activity level of border control, boundary security, and 139 BorderControlActivityMoP Т Tertiary Importance freedom of movement operations? 7 CentralAuthorityEffectivenessRating How effectively does it govern: political capacity (tax collection S Secondary Importance capability, etc.), influence events? 412 ChangesInPopulationCompositionRating What is the level of change in the breakdown of movement categories? S Secondary Importance 383 CivicEducationProjectsActivityMoP Ρ What is the progress in civic education projects? Primary Importance

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LOE Description

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Со	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
378	CivilianHousingCapacityDamagedMoP	What is the capacity of civili	an housing that has been damaged?	S	Secondary Importance
372	CivilianHousingCapacityRebuiltMoP	What is the capacity of civili	an housing that has been rebuilt?	Т	Tertiary Importance
109	CivilStabilityAndDurablePeaceLevelRating MoPE	What is the level of civil stat	bility and durable peace?	Р	Primary Importance
120	CivilUnrestLevelRatingMoFE	What is the level of civil (inte	ernal) unrest?	S	Secondary Importance
291	CommercialLawChangeMoP	What is the progress in refor	rming commercial law?	S	Secondary Importance
58	CommonCrimeRating	What is the level of common	n crime?	Р	Primary Importance
171	ConfidenceBuildingActivityMoP	What is the level of confiden	nce-building and security measures?	S	Secondary Importance
121	ConflictCivilianDeathAndInjuryRating	What is the death and injury	rate for civilians from conflict?	S	Secondary Importance
122	ConflictCombatantDeathAndInjuryRating	What is the death and injury	rate for combatants from conflict?	S	Secondary Importance
70	ConnectionBetweenLawEnforcementAndM ilitaryRating		veen the two: law enforcement as part of els of police, border guards, etc.?	Р	Primary Importance
210	ConsequenceManagementActivityMoP	What is the level of consequ	ence management support being provided?	Т	Tertiary Importance
30	ConstitutionReformChangeMoP	What is the progress in cons	titutional reform?	S	Secondary Importance
254	CorruptionInBusinessRating	What is the existing level of	corruption in business?	S	Secondary Importance
69	CorruptionInCentralAuthorityRating	•	corruption in the central authority?	S	Secondary Importance
66	CorruptionInCultureRating	What is the perceived level of culture?	of corruption that is prevalent in the HN	Р	Primary Importance
68	CorruptionInLawEnforcementRating	What is the existing level of organizations?	corruption in law enforcement	Р	Primary Importance
198	CorruptionInMilitaryRating	What is the existing level of	corruption in the military?	Т	Tertiary Importance
67	CorruptionInSocialServicesRating	What is the existing level of services?	corruption in the government social	Р	Primary Importance
256	Criminal&CorruptActivityMoP		corrupt activities (intimidation, kidnapping, fficking, bribery, "protection," illicit services, attempted?	Ρ	Primary Importance
246	CriminalsActivityRating	What is the activity level/inf	luence/numbers of criminals?	Р	Primary Importance
392	DeathAndIIInessFromHealthIssuesRating	What is the death and illness	s rate from disease or other health issues?	Т	Tertiary Importance
148	DemobilizedArmedForcesActivityRating	What is the number and influtor	uence/activity rating of the demobilized	Т	Tertiary Importance
152	DemobProcessChangeMoP	What is the progress in dem military and paramilitary un	obilizing, reducing, and reintegrating its?	Р	Primary Importance
124	DisarmamentEffectivenessRating		ting of disarmament efforts?	S	Secondary Importance
301	DischargedMilitaryJobsCreatedMoP	What is the number of jobs of	created for discharged military personnel?	Т	Tertiary Importance
300	DischargedMilitaryTrainedMoP	What is the progress in job t	raining for discharged military personnel?	Т	Tertiary Importance
60	DrugCrimeRating	What is the level of drug crir	me?	Р	Primary Importance
244	DrugCropReductionMoP	What is the progress in redu	icing drug crops?	S	Secondary Importance
250	DrugCultivationRating	What is the drug cultivation	level?	Т	Tertiary Importance
251	DrugManufactureRating	What is the drug manufactu	re level?	Т	Tertiary Importance
252	DrugTransshipmentRating	What is the drug transshipm	ent level?	Т	Tertiary Importance
249	DrugUseRating	What is the drug use level?		Р	Primary Importance
366	DurableGoodsDistributedMoP	What is the quantity of non-	food and non-water relief items distributed?	Т	Tertiary Importance
332	EconomicDamageActivityMoP	What is the level, intensity a	nd scope of damages on the economy?	Т	Tertiary Importance
26	ElectionsConductedChangeMoP	What is the progress in plan elections?	ning, executing, monitoring, and publicizing	S	Secondary Importance
44	ExternalAgitatorForcesActivityRating	What is the size and influence	ce of external forces advocating conflict?	S	Secondary Importance
89	ExternalJusticeAdvisorsMoP	What is the number & influe criminal justice organization	ence of external advisors to the police and as?	S	Secondary Importance
99	ExtortionActivityMoP		n, suppression of the population/opposition?	S	Secondary Importance
101	ExtrajudicialActivityMoP		icial activities (killings, intimidations, etc.)?	Р	Primary Importance
47	FactionalDisputeRating	What is the size and bitterne	ess of factional disputes?	S	Secondary Importance
	FamilyActivityRating	What is the influence of fam	ily on the society?	S	Secondary Importance
	FirstRespondersActivityRating	How many first responders a activity?	are there; what is their influence and	Р	Primary Importance
20	FirstRespondersInvestmentMoP	What is the \$ investment in	first responders?	S	Secondary Importance
		Llow monu first roon and ar is	ohs have been created?	Р	Primary Importance
19	FirstRespondersJobsCreatedMoP	How many first responder jo	Jus nave been ci caleu:		· · · · · · · · · · · · · · · · · · ·

LOE Description

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	LUE Descri			offic lite
Cor	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
356	FoodDistributedMoP	What is the quantity of food distributed?	Т	Tertiary Importance
345	FoodSupplyRating	What is the rating on the available food supply?	S	Secondary Importance
410	ForcedPopulationMovementRating	What is the level of forced population movement (whether into refugee camps or ethnic cleansing)?	S	Secondary Importance
463	FreedomOfDomesticMediaRating	What is the level of freedom of domestic media?	S	Secondary Importance
465	FreedomOfInternationalMediaRating	What is the level of freedom of the international media within the country?	S	Secondary Importance
11	FreedomRating	What is the freedom rating (use something like the FreedomHouse scale)?	Р	Primary Importance
390	GeneralJobsCreatedMoP	What is the number of jobs created through job help programs (skills training and counseling)?	Т	Tertiary Importance
4	GovernanceRating	How well does it govern; what are the checks on its power?	S	Secondary Importance
91	GovtCorruptionMonitoringMoP	What is the level of monitoring for corruption by government officials	Р	Primary Importance
3	GovtDecisionAuthorityRating	Who has power (autocratic, democratic, theocratic, monarchy, warlords, etc.)?	S	Secondary Importance
9	GovtDecisionMakingRating	What is the distribution of power, # political parties, checks & balances, elections, dispute resolution?	S	Secondary Importance
36	GovtDestabilizationActivityMoP	What is the level of activity in destabilizing the HN government?	S	Secondary Importance
71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	Р	Primary Importance
	GovtLeaderChangeRating	How does leadership change: elections, hereditary succession, coup, revolution?	S	Secondary Importance
479	GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison with he HN government?	S	Secondary Importance
24	GovtReformChangeMoP	What is the progress in reforming all parts and levels of HN government?	S	Secondary Importance
374	HumanitarianReliefStockPrepositionedMo P	What is the quantity of humanitarian relief stocks that have been prepositioned?	Т	Tertiary Importance
93	HumanRightsMonitoringMoP	What is the level of monitoring for human rights practices?	S	Secondary Importance
460	InformationAvailabilityRating	What is the availability level of information to the public?	Т	Tertiary Importance
	InstitutionsOfGovernanceEffectivenessAnd FairnessRatingMoFE	How effective and fair are the institutions of governance?	S	Secondary Importance
268	InsuranceSystemRating	What is the status of the insurance system	Т	Tertiary Importance
196	InsurgentsActivityRating	What is the number and influence/activity rating of the insurgents?	Т	Tertiary Importance
	IntelServiceTrainedMoP	What is the progress in training intelligence service personnel?	Т	Tertiary Importance
	g	What is the number and influence of the internally displaced population?	Р	Primary Importance
	ctivityMoP	What is the activity level for sponsoring journalist training and professionalization projects?	S	Secondary Importance
64	JudicialOrganizationRating	What is the activity level and effectiveness of court type organizations, both government and alternative?	Р	Primary Importance
	KeyLeaderMediaRating	What is the influence of each key media leader?	Р	Primary Importance
	KeyLeaderNGORating	What is the influence of each key NGO leader?	P	Primary Importance
	5	What is the influence of each key non-government armed group leader?	T	Tertiary Importance
	, , ,	What is the influence of anti-peace key political leaders?	Т	Tertiary Importance
	, , , , , , , , , , , , , , , , , , , ,	What is the process and quality of key political leaders decision making?	S	Secondary Importance
	KeyLeaderPoliticalProPeaceRating	What is the influence of pro-peace key political leaders?	Т	Tertiary Importance
	KeyLeaderPoliticalRating	What is the influence of each key political leader?	S	Secondary Importance
	KeyLeaderSocialRating	What is the influence of each key social leader?	S	Secondary Importance
	KeyLeaderSpiritualRating	What is the influence of each key spiritual leader?	S	Secondary Importance
	LawEnforcementChangeMoP	What is the progress in reforming the police force(s)?	Р	Primary Importance
	LawEnforcementJobsCreatedMoP	How many police jobs have been created?	Р	Primary Importance
	LawEnforcementOfficerInvestmentMoP	What is the \$ investment in policemen?	S	Secondary Importance
	LawEnforcementOfficersTrainedMoP	What is the progress in training policemen?	Р	Primary Importance
65	LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	Р	Primary Importance
	LegalSystemChangeMoP	What is the progress in reforming the legitimate legal system?	S	Secondary Importance
87	LegalSystemTradition	What is the legal system tradition: common law, civil law (e.g., French,	Р	Primary Importance
87 63	LegalSystemTradition LogisticsAcquiredMoP	What is the legal system tradition: common law, civil law (e.g., French, religious, Asian), no law, etc.? What quantity has been acquired?	Р Т	Primary Importance Tertiary Importance

LOE Description

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ID	Cor	nnections Source	Date		
Ν	/letII	D Class Name	Defining Question	Lev	Level Description
	708	LogisticsMovedInAirMoP	What quantity has been moved in the air?	Т	Tertiary Importance
	706	LogisticsMovedOnGroundMoP	What quantity has been moved on the ground?	т	Tertiary Importance
	710	LogisticsMovedOnWaterMoP	What quantity has been moved on water?	Т	Tertiary Importance
	712	LogisticsMovedUnderWaterMoP	What quantity has been moved under water?	т	Tertiary Importance
	702	LogisticsWarehousedMoP	What quantity has been warehoused?	Т	Tertiary Importance
:	312	MediaBusinessRating	What is the status of media businesses?	т	Tertiary Importance
!	525	MediaInfraCapacityDamagedMoP	What capacity of the media infrastructure has been damaged?	Т	Tertiary Importance
!	519	MediaInfraCapacityRating	What is the capacity of the media infrastructure?	S	Secondary Importance
!	523	MediaInfraCapacityRebuiltMoP	What capacity of the media infrastructure has been rebuilt?	Т	Tertiary Importance
!	521	MediaInfraInvestmentMoP	What is the \$ investment in rebuilding the media infrastructure?	S	Secondary Importance
!	522	MediaInfraJobsCreatedMoP	How many jobs have been created in rebuilding the media infrastructure?	S	Secondary Importance
	403	MigrantsActivityRating	What is the number and influence of migrants from outside the country (due to pull factors)?	Т	Tertiary Importance
	459	NegativeImpactOfInterventionRating	What is the level of influence of negative events coming from the intervention?	Т	Tertiary Importance
		NegotiationWBureaucraciesActivitiesMoP	What is the measure of negotiation with bureacracies to get relief for people?	т	Tertiary Importance
		NGOActivityCoordinationActivitiesMoP	What is the level of coordination of NGO activities (among NGOs and with intervenors)?	т	Tertiary Importance
		NGOActivityRating	What are the number, sizes and influence levels of the Non- Governmental Organizations?	T	Tertiary Importance
		ObservationOfSocialAnniversariesRating	What is the level of observation of social anniversaries?	S	Secondary Importance
		OppositionPartyUseOfForceRating	What is the oppositions stance on the use of force, measured from wholly against to active use of force?	S	Secondary Importance
		OrganizedCrimeRating	What is the level of organized crime?	Р	Primary Importance
		OverallCrimeRating	What is the overall crime level?	Р 	Primary Importance
		ParamilitaryForcesActivityRating	What is the number and influence/activity rating of the paramilitary forces?	T	Tertiary Importance
		PenalSystemChangeMoP	What is the progress in establishing humane penal systems?	S	Secondary Importance
		IStatusRating	What is the belief by people that changes in their social status is good? What is the level of belief by people that their interests are represented?	S T	Secondary Importance
		RepresentedRating			
		oFE	What is the rating on the perception of a safe and secure environment?	S	Secondary Importance
		PolicingOperationsActivityMoP PoliticalCrimeRating	What is the level of policing operations being performed?	P	Primary Importance
:		PoliticalInstabilityMitigationActivityMoP	What is the level of "political" crimes as defined by the HN government? What is the level of activity to mitigate political instability and individual unrest actions by non-nation state actors?	S S	Secondary Importance Secondary Importance
	22	PoliticalLeadersTrainedMoP	What is the progress in training new political leaders in constitutional duties as well as civil politics?	S	Secondary Importance
	74	PoliticalPersecutionRating	What is the level of political persecution?	S	Secondary Importance
		PotableWaterSupplyRating	What is the rating on the availability of potable water?	S	Secondary Importance
		PrisonStructureAdequacyRating	How adequate is the HN prison structure?	P	Primary Importance
		PrivateSecurityForcesActivityRating	What is the number and influence/activity rating of the private security forces?	Т	Tertiary Importance
	97	PropertyLawChangeMoP	What is the progress in reforming property laws and procedures?	Р	Primary Importance
:	351	PropertyRightsAccessRating	What is the status of property rights and access?	Р	Primary Importance
	73	ProtectionOfHumanRightsRating	What is the status of human rights protection?	S	Secondary Importance
	461	PublicRecordsTransparencyRating	What is the transparency rating for government information (records exist, availability, public reporting (push), transparency, etc.)?	S	Secondary Importance
	448	RebuildSenseOfCommunityActivitiesMoP	What is the level of activity in rebuilding a sense of community?	Р	Primary Importance
	405	RefugeeCampsCapacityRating	What is the capacity of refugee camps?	Ρ	Primary Importance
	420	RefugeeCampSecurityActivityMoP	What is the level of security provided for refugee camps?	S	Secondary Importance
	406	RefugeesActivityRating	What is the number and influence of migrants from outside the country (due to push factors)?	Т	Tertiary Importance

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LOE Description

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) Co	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
147	RegimeSponsoredNonMilitaryArmedForces ActivityRating	What is the number and influ sponsored, non-military arms	, , ,	S	Secondary Importance
10	RelationshipWithIntervenorsRating	What is the relationship betw to very close?	veen the parties, ranging from adversarial	S	Secondary Importance
446	ReligiousBuildingsCapacityDamagedMoP	What is the capacity of religio	ous buildings that has been damaged?	S	Secondary Importance
438	ReligiousBuildingsCapacityRating	What is the capacity of religion	ous buildings?	S	Secondary Importance
444	ReligiousBuildingsCapacityRebuildingMoP	What is the capacity of religion	ous buildings that has been rebuilt?	S	Secondary Importance
414	ResettledPeopleChangeMoP	How many people have been	resettled?	S	Secondary Importance
48	ResolutionOfDifferencesByCompetingGrou psRating	What is the method of resolv ranging from violent conflict	ing differences between pairs of groups, to peaceful negotiation?	S	Secondary Importance
173	SafeguardingGovernanceActivityMoP	What is the level of safeguard key officials?	ding of the institutions of governance and	Т	Tertiary Importance
394	SatisfactionOfHealthRequirementsRating	What is the level of satisfaction	on of the people's health requirements?	Т	Tertiary Importance
437	$Satisfaction Of {\sc Peoples} Spiritual Needs Rating$	What is the level of satisfaction	on of people's spiritual needs?	Р	Primary Importance
177	SecurityCoordinationActivityMoP	What is the level of security of intervenors?	coordination between the HN and the	Т	Tertiary Importance
175	SecurityForceAssistanceActivityMoP		assistance (freedom of movement, border efense, etc.) provided to the HN?	Т	Tertiary Importance
185	SecurityForStabilityActivityMoP	What is the level of security pongoing?	provided for the various stability operations	Т	Tertiary Importance
434	SocialNormsInfluenceRating	For each social norm, what is	its influence level?	Р	Primary Importance
422	SocialProtectionProgramsActivityMoP	What is the level of activity in	n providing social protection programs?	Т	Tertiary Importance
306	SocialSafetyNetChangeMoP	What is the progress in reform	ming the social safety net?	Т	Tertiary Importance
8	SocialServicesAdequacyRating	How adequate are child servi throughout society) and effect		Т	Tertiary Importance
293	TaxAndTradeChangeMoP	What is the progress in reform	ming tax and trade type policies?	Т	Tertiary Importance
388	TeacherJobsCreatedMoP	What is the number of teacher	er jobs created?	Т	Tertiary Importance
387	TeachersTrainedMoP	What is the progress in traini	ng teachers?	Т	Tertiary Importance
370	TemporaryShelterCapacityProvidedMoP	What is the capacity of temporovided?	orary shelter/housing/refugee camps	S	Secondary Importance
200	TerrorismActivityMoP	What is the level of terrorism	and anti- and counterterrorism operations?	S	Secondary Importance
197	TerroristsActivityRating	What is the number and influ	ence/activity rating of the terrorists?	Т	Tertiary Importance
442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	S	Secondary Importance
56	TransferOfControlToHNChangeMoP	What is the progress in trans the HN government?	ferring control of government functions to	S	Secondary Importance
32	TransitionGovtCreationChangeMoP	What is the progress in estab government?	lishing, staffing, and funding a transition	S	Secondary Importance
348	TrashDisposalRating	What is the quality of trash d	•	S	Secondary Importance
95	5		crimes investigations, tribunals, etc.?	S	Secondary Importance
349	5	What is the quality of wastev		S	Secondary Importance
358		What is the quantity of water		Т	Tertiary Importance
295	WorkersOrganizationActivityRating	What are the numbers and in	Ifluence of worker organizations?	Т	Tertiary Importance
2 Hart	ley Notional Model		05/31/2011		
297	AcceptableJobAvailabilityRating	What is the level of acceptab	le job availability?	m	Model Implied Connection to
75	AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the	administration of justice?	m	Model Implied Connection to
416	AntiPopulationMovementActivitiesMoP	What is the level of activities movements?	to reduce the likelihood of population	Х	Implied Connection to LOE
424	AntiTraffickingInPersonsActivityMoP	What is the level of activity in	n anti-trafficking in persons programs?	х	Implied Connection to LOE
7	CentralAuthorityEffectivenessRating	How effectively does it gover capability, etc.), influence even	n: political capacity (tax collection ents?	m	Model Implied Connection to
383	CivicEducationProjectsActivityMoP	What is the progress in civic e		Х	Implied Connection to LOE
748	CommandAndControlEstablishedMoP	What command and control	processes have been established?	Х	Implied Connection to LOE
746	CommunicationsEstablishedMoP	What communications capab	-	х	Implied Connection to LOE
171	ConfidenceBuildingActivityMoP		ce-building and security measures?	х	Implied Connection to LOE
69	CorruptionInCentralAuthorityRating	What is the existing level of c	corruption in the central authority?	m	Model Implied Connection to

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LOE Description

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Со	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
68	CorruptionInLawEnforcementRating	What is the existing level of corruption in law enforcement organizations?	m	Model Implied Connection to
67	CorruptionInSocialServicesRating	What is the existing level of corruption in the government social services?	m	Model Implied Connection to
148	DemobilizedArmedForcesActivityRating	What is the number and influence/activity rating of the demobilized forces?	m	Model Implied Connection to
152	DemobProcessChangeMoP	What is the progress in demobilizing, reducing, and reintegrating military and paramilitary units?	ХХ	Direct Connection to LOE Tasks
301	DischargedMilitaryJobsCreatedMoP	What is the number of jobs created for discharged military personnel?	х	Implied Connection to LOE
300	DischargedMilitaryTrainedMoP	What is the progress in job training for discharged military personnel?	х	Implied Connection to LOE
366	DurableGoodsDistributedMoP	What is the quantity of non-food and non-water relief items distributed?	х	Implied Connection to LOE
14	ExternalGovtAdvisorsMoP	What is the number & influence of external advisors to the HN government (not counting Rule of Law advisors)?	х	Implied Connection to LOE
89	ExternalJusticeAdvisorsMoP	What is the number & influence of external advisors to the police and criminal justice organizations?	ХХ	Direct Connection to LOE Tasks
20	FirstRespondersInvestmentMoP	What is the \$ investment in first responders?	ΧХ	Direct Connection to LOE Tasks
19	FirstRespondersJobsCreatedMoP	How many first responder jobs have been created?	ΧХ	Direct Connection to LOE Tasks
18	FirstRespondersTrainedMoP	What is the progress in training first responders?	ΧХ	Direct Connection to LOE Tasks
356	FoodDistributedMoP	What is the quantity of food distributed?	ΧХ	Direct Connection to LOE Tasks
345	FoodSupplyRating	What is the rating on the available food supply?	m	Model Implied Connection to
410	ForcedPopulationMovementRating	What is the level of forced population movement (whether into refugee camps or ethnic cleansing)?	х	Implied Connection to LOE
179	ForceSecurityActivityMoP	What is the level of force security provided to allow prosecuting other operations safely?	х	Implied Connection to LOE
269	ForeignInvestmentLevelRating	What is the level of foreign investment in the country?	m	Model Implied Connection to
463	FreedomOfDomesticMediaRating	What is the level of freedom of domestic media?	m	Model Implied Connection to
91	GovtCorruptionMonitoringMoP	What is the level of monitoring for corruption by government officials	х	Implied Connection to LOE
106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitimacy level of the HN government?	m	Model Implied Connection to
71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	m	Model Implied Connection to
	GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison with he HN government?	х	Implied Connection to LOE
16	GovtPersonnelEducatedChangeMoP	What is the progress in educating civil service, legislative staff, local government staff, etc.?	х	Implied Connection to LOE
216	HAActivityMoP	What is the activity level/intensity of Humanitarian Assistance operations?	х	Implied Connection to LOE
	HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	m	Model Implied Connection to
	HumanitarianReliefStockPrepositionedMo P	What is the quantity of humanitarian relief stocks that have been prepositioned?	х	Implied Connection to LOE
	HumanRightsMonitoringMoP	What is the level of monitoring for human rights practices?	Х	Implied Connection to LOE
477		What is the activity level in information collection and processing?	х	Implied Connection to LOE
481	esMoP	What is the activity level in information control & dissemination?	x	Implied Connection to LOE
	FairnessRatingMoFE	How effective and fair are the institutions of governance?	ХХ	Direct Connection to LOE Tasks
	InsurgentsActivityRating	What is the number and influence/activity rating of the insurgents?	m	Model Implied Connection to
	g	What is the number and influence of the internally displaced population?	m	Model Implied Connection to
	InterventionForcesActivityRating	What is the number and influence/activity rating of the intervention forces?	m	Model Implied Connection to
	JournalistTrainingAndProfessionalizationA ctivityMoP	What is the activity level for sponsoring journalist training and professionalization projects?	х	Implied Connection to LOE
	KeyLeaderOpinionChangeRating	For each issue and each leader, what is the change in opinion?	m	Model Implied Connection to
	LawEnforcementChangeMoP	What is the progress in reforming the police force(s)?	XX	Direct Connection to LOE Tasks
	LawEnforcementJobsCreatedMoP	How many police jobs have been created?	XX	Direct Connection to LOE Tasks
	LawEnforcementOfficerInvestmentMoP	What is the \$ investment in policemen?	XX	Direct Connection to LOE Tasks
	LawEnforcementOfficersTrainedMoP	What is the progress in training policemen?	XX	Direct Connection to LOE Tasks
87	0 5 0	What is the progress in reforming the legitimate legal system?	X	Implied Connection to LOE
700	LogisticsAcquiredMoP	What quantity has been acquired?	Х	Implied Connection to LOE
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ID

LOE Description

Cor	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
704	LogisticsDistributedMoP	What quantity has been distr	ibuted?	х	Implied Connection to LOE
708	LogisticsMovedInAirMoP	What quantity has been mov	red in the air?	х	Implied Connection to LOE
706	LogisticsMovedOnGroundMoP	What quantity has been mov	ed on the ground?	х	Implied Connection to LOE
710	LogisticsMovedOnWaterMoP	What quantity has been mov	red on water?	х	Implied Connection to LOE
712	LogisticsMovedUnderWaterMoP	What quantity has been mov	ed under water?	х	Implied Connection to LOE
702	LogisticsWarehousedMoP	What quantity has been ware	ehoused?	х	Implied Connection to LOE
50	MediationNegotiationsPersuasionMoP	What is the amount of media have been undertaken?	ation, negotiation & persuasion efforts that	х	Implied Connection to LOE
398	MedicalTreatmentProvidedMoP	What is the quantity of medie	cal treatment provided?	ΧХ	Direct Connection to LOE Tasks
202	NonNationStateActorsFundingChangeMoP	What is the level of activity to nation state actors?	o identify and interdict funding of non-	х	Implied Connection to LOE
206	NonNationStateActorsPopulationSupportC hangeMoP	What is the level of activity to support for non-nation state	o identify financial, institutional and local actors and disrupt it?	х	Implied Connection to LOE
204	NonNationStateActorsRecruitingChangeM oP	What is the level of activity to nation state actors?	o identify and interdict recruitment by non-	х	Implied Connection to LOE
	OppositionPartyUseOfForceRating	wholly against to active use of		m	Model Implied Connection to
	ParamilitaryForcesActivityRating	forces?	ience/activity rating of the paramilitary	m	Model Implied Connection to
	PenalSystemChangeMoP		blishing humane penal systems?	ХХ	Direct Connection to LOE Tasks
	PerceptionOfSafeAndSecureEnvironmentM oFE			m	Model Implied Connection to
	PolicingOperationsActivityMoP	What is the level of policing of		XX	Direct Connection to LOE Tasks
208	PoliticalInstabilityMitigationActivityMoP	unrest actions by non-nation		х	Implied Connection to LOE
	PollutionRating	• •	on (individual, agricultural, industrial)?	m	Model Implied Connection to
	PollutionReductionProjectsMoP	What is the progress in pollu		х	Implied Connection to LOE
	PopulationOpinionChangeRating	For each issue, what is the ch	• • • •	m	Model Implied Connection to
483	PositivePRActivitiesMoP		ositive public relations activities?	х	Implied Connection to LOE
	PotableWaterSupplyRating	What is the rating on the ava		m	Model Implied Connection to
	PowersharingMonitoringMoP		ring power sharing arrangements?	х	Implied Connection to LOE
	PropertyLawChangeMoP		ming property laws and procedures?	х	Implied Connection to LOE
351	PropertyRightsAccessRating	What is the status of propert	, ,	m	Model Implied Connection to
448	RebuildSenseOfCommunityActivitiesMoP		n rebuilding a sense of community?	х	Implied Connection to LOE
405	RefugeeCampsCapacityRating	What is the capacity of refug	•	m	Model Implied Connection to
	RegimeSponsoredNonMilitaryArmedForces		uence/activity rating of the regime	x m	Implied Connection to LOE Model Implied Connection to
111	ActivityRating ResettledPeopleChangeMoP	sponsored, non-military arm How many people have been		хх	Direct Connection to LOE Tasks
	SafeguardingGovernanceActivityMoP		ding of the institutions of governance and	x	Implied Connection to LOE
	SanitationAndWasteWaterProjectsChange	key officials?	tation and waste water projects?	x	Implied Connection to LOE
	MoP SatisfactionOfHealthRequirementsRating		on of the people's health requirements?	m	Model Implied Connection to
	SecurityCoordinationActivityMoP		coordination between the HN and the	x	Implied Connection to LOE
181	SecurityForHAActivityMoP		provided for the various Humanitarian na?	х	Implied Connection to LOE
185	SecurityForStabilityActivityMoP			х	Implied Connection to LOE
744	SensorsEstablishedMoP	What sensor capability has b	een established?	х	Implied Connection to LOE
473	SignificantGroupOpinionChangeRating		p, what is the change in opinion?	m	Model Implied Connection to
422	SocialProtectionProgramsActivityMoP	•	n providing social protection programs?	х	Implied Connection to LOE
	SocialServicesAdequacyRating		ices, elderly care, etc., in scope (distribution	m	Model Implied Connection to
168	StabilityOpsActivityMoP	What is the activity level/inte	ensity of stability operations?	х	Implied Connection to LOE
370	TemporaryShelterCapacityProvidedMoP	What is the capacity of temp provided?	orary shelter/housing/refugee camps	ХХ	Direct Connection to LOE Tasks

# LOE Nar	ne	LOE Descri	ption		С	Offic Cite
ID Co	nnections Source			Date		
Met	ID Class Name		Defining Question		Lev	Level Description
442 95 663	ating	eMoP	How tolerant are the people What is the progress on war What is the capacity of the w	crimes investigations, tribunals, etc.? vater and sewage treatment infrastructure?	m m x m	Model Implied Connection to Model Implied Connection to Implied Connection to LOE Model Implied Connection to
358	WaterDistributedMoP		What is the quantity of wate	er distributed?	XX	Direct Connection to LOE Tas
3 Support Security	Host Nation Forces	Create and operations	train HN security for	rces and transition to full HN	✓	FM3-24.2
1 TRA	C IW Metric Ontology Wo	orkshop 2		04/27/2011		
149	ArmedForcesProfessionalis	mRating		rating (equipment, manpower, doctrine, dership, organizational culture, history, civil- military?	Ρ	Primary Importance
719	AttritionAirFromAirMoP		How much damage/attrition	n resulted?	S	Secondary Importance
725	AttritionAirFromSurfaceMo	P	How much damage/attrition	n resulted?	S	Secondary Importance
731	AttritionAirFromUnderwate	erMoP	How much damage/attrition	n resulted?	S	Secondary Importance
741	AttritionCollateralMoP		How much damage/attrition	n resulted?	S	Secondary Importance
737	AttritionFromBiologicalAge	entsMoP	How much damage/attrition	n resulted?	S	Secondary Importance
735	AttritionFromChemicalsMo	P	How much damage/attrition	n resulted?	S	Secondary Importance
733	AttritionFromHighYieldExpl	losivesMoP	How much damage/attrition	n resulted?	S	Secondary Importance
739	AttritionFromRadiologicalA	gentsMoP	How much damage/attrition	n resulted?	S	Secondary Importance
717	AttritionSurfaceFromAirMo	P	How much damage/attrition	n resulted?	S	Secondary Importance
723	AttritionSurfaceFromSurfac	ceMoP	How much damage/attrition	n resulted?	S	Secondary Importance
729	AttritionSurfaceFromUnder	rwaterMoP	How much damage/attrition	n resulted?	S	Secondary Importance
715	AttritionUnderwaterFromA	irMoP	How much damage/attrition	n resulted?	S	Secondary Importance
721	AttritionUnderwaterFromS	urfaceMoP	How much damage/attrition	n resulted?	S	Secondary Importance
727	AttritionUnderwaterFromU	InderwaterMoP	How much damage/attrition	n resulted?	S	Secondary Importance
139	BorderControlActivityMoP		freedom of movement operation		S	Secondary Importance
748	CommandAndControlEstab	lishedMoP		processes have been established?	S	Secondary Importance
746	CommunicationsEstablishe	dMoP	What communications capal		S	Secondary Importance
52	ComplianceWithPeaceAcco	ordsMoP	What is the level of effort in	maintaining compliance with peace accords?	S	Secondary Importance
171	ConfidenceBuildingActivity	MoP	What is the level of confiden	ce-building and security measures?	Р	Primary Importance
122	ConflictCombatantDeathAn	ndInjuryRating	What is the death and injury	rate for combatants from conflict?	Т	Tertiary Importance
	ilitaryRating		military or not, multiple leve	veen the two: law enforcement as part of els of police, border guards, etc.?	S	Secondary Importance
	ConstitutionReformChange		What is the progress in cons		Т	Tertiary Importance
	ConventionalWarActivityM		What is the activity level/int	-	Р	Primary Importance
	CooperationBetweenHNMi enorsRating CorruptionInLawEnforceme	-	intervenors?	tion between the HN military and the corruption in law enforcement	Р Т	Primary Importance Tertiary Importance
00	Corruptioningaweniorceme	entRating	organizations?	con aption in naw enforcement	1	rei tial y importance
198	CorruptionInMilitaryRating		What is the existing level of	corruption in the military?	Р	Primary Importance
148	DemobilizedArmedForcesA	ctivityRating	What is the number and influ forces?	uence/activity rating of the demobilized	Ρ	Primary Importance
	DemobProcessChangeMoP		military and paramilitary un		Т	Tertiary Importance
	DischargedMilitaryJobsCrea			created for discharged military personnel?	S	Secondary Importance
	DischargedMilitaryTrained			raining for discharged military personnel?	S	Secondary Importance
	ExternalAgitatorForcesActiv	vityRating		ce of external forces advocating conflict?	Т	Tertiary Importance
	FireDamageMoP		What is the damage from fire		Т	Tertiary Importance
	ForceSecurityActivityMoP		operations safely?	curity provided to allow prosecuting other	S	Secondary Importance
	ForeignConflictActivityRati	•	•	conflict that engages the HN?	S	Secondary Importance
71	GovtLawEnforcementEffect	tivenssRating	What is the effectiveness of organizations?	the government law enforcement	S	Secondary Importance

LOE Description

ID	Со	nnections Source	Date		
	Metl	D Class Name	Defining Question	Lev	Level Description
	145	GovtMilitaryForcesActivityRating	What is the number and influence/activity rating of the HN military forces?	Ρ	Primary Importance
	573	GovtStructuresCapacityRating	What is the capacity of the government infrastructure?	Т	Tertiary Importance
	579	GovtStructuresCapacityRebuiltMoP	What capacity of the government infrastructure has been rebuilt?	S	Secondary Importance
	216	HAActivityMoP	What is the activity level/intensity of Humanitarian Assistance operations?	Т	Tertiary Importance
	150	HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	Ρ	Primary Importance
	93	HumanRightsMonitoringMoP	What is the level of monitoring for human rights practices?	Т	Tertiary Importance
	146	IntelligenceServicesRating	What is the number and influence/activity rating of the intelligence services?	Р	Primary Importance
	160	IntelServiceChangeMoP	What is the progress in reforming the HN intelligence services?	Р	Primary Importance
	164	IntelServiceInvestmentMoP	What is the \$ investment in intelligence personnel?	S	Secondary Importance
	163	IntelServiceJobsCreatedMoP	How many intelligence services jobs have been created?	Р	Primary Importance
	162	IntelServiceTrainedMoP	What is the progress in training intelligence service personnel?	Р	Primary Importance
	131	IWActivityMoP	What is the activity level/intensity of irregular war?	S	Secondary Importance
	189	KeyLeaderMilitaryDecisionMakingRating	What is the process and quality of key military leaders decision making?	Р	Primary Importance
		KeyLeaderMilitaryRating	What is the influence of each key military leader?	Р	Primary Importance
	79	LawEnforcementChangeMoP	What is the progress in reforming the police force(s)?	Т	Tertiary Importance
	82	LawEnforcementJobsCreatedMoP	How many police jobs have been created?	Т	Tertiary Importance
	81	LawEnforcementOfficersTrainedMoP	What is the progress in training policemen?	Т	Tertiary Importance
	65	LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	Т	Tertiary Importance
	700	LogisticsAcquiredMoP	What quantity has been acquired?	Т	Tertiary Importance
	704	LogisticsDistributedMoP	What quantity has been distributed?	Т	Tertiary Importance
	708	LogisticsMovedInAirMoP	What quantity has been moved in the air?	Т	Tertiary Importance
	706	LogisticsMovedOnGroundMoP	What quantity has been moved on the ground?	Т	Tertiary Importance
	710	LogisticsMovedOnWaterMoP	What quantity has been moved on water?	Т	Tertiary Importance
	712	LogisticsMovedUnderWaterMoP	What quantity has been moved under water?	Т	Tertiary Importance
	702	LogisticsWarehousedMoP	What quantity has been warehoused?	Т	Tertiary Importance
	154	MilitaryChangeMoP	What is the progress in reforming the HN military?	Р	Primary Importance
	166	MilitaryExercisesActivityMoP	What is the activity level of military exercises?	Р	Primary Importance
	158	MilitaryInvestmentMoP	What is the \$ investment in military personnel?	S	Secondary Importance
	157	MilitaryJobsCreatedMoP	How many military jobs have been created?	Р	Primary Importance
	587	MilitaryStructuresCapacityDamagedMoP	What capacity of the military infrastructure has been damaged?	S	Secondary Importance
	574	MilitaryStructuresCapacityRating	What is the capacity of the military infrastructure?	Р	Primary Importance
	583	MilitaryStructuresCapacityRebuiltMoP	What capacity of the military infrastructure has been rebuilt?	Р	Primary Importance
	581	MilitaryStructuresInvestmentMoP	What is the \$ investment in rebuilding the military infrastructure?	S	Secondary Importance
	582	MilitaryStructuresJobsCreatedMoP	How many jobs have been created in rebuilding the military infrastructure?	S	Secondary Importance
	156	MilitaryTrainedMoP	What is the progress in training military personnel?	Р	Primary Importance
	593	MilitaryVehiclesCapacityDamagedMoP	What capacity of the military vehicles has been damaged?	S	Secondary Importance
	575	MilitaryVehiclesCapacityRating	What is the capacity of the military vehicles?	Р	Primary Importance
	591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the military vehicles has been rebuilt/replaced?	Р	Primary Importance
	589	MilitaryVehiclesInvestmentMoP	What is the \$ investment in rebuilding/replacing the military vehicles?	Р	Primary Importance
	590	MilitaryVehiclesJobsCreatedMoP	How many jobs have been created in rebuilding/replacing the military vehicles?	S	Secondary Importance
	212	MineLevelActivityMoP	What is the level of mine (mines, UXO, IEDs) clearance/placement activity?	S	Secondary Importance
	459	NegativeImpactOfInterventionRating	What is the level of influence of negative events coming from the intervention?	S	Secondary Importance
	187	PersonnelRecoveryActivityMoP	What is the level of activity in personnel recovery?	S	Secondary Importance
	214	PiracyActivityMoP	What is the activity level/intensity of piracy and anti-piracy operations?	S	Secondary Importance
	77	PolicingOperationsActivityMoP	What is the level of policing operations being performed?	Т	Tertiary Importance
	54	PowersharingMonitoringMoP	What is the status of monitoring power sharing arrangements?	S	Secondary Importance
	73	ProtectionOfHumanRightsRating	What is the status of human rights protection?	Т	Tertiary Importance
	147	RegimeSponsoredNonMilitaryArmedForces ActivityRating	What is the number and influence/activity rating of the regime sponsored, non-military armed forces?	Т	Tertiary Importance

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LOE Description

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o Cor	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
177	SecurityCoordinationActivityMoP	What is the level of security coordination between the HN and the intervenors?	Т	Tertiary Importance
175	SecurityForceAssistanceActivityMoP	What is the level of security assistance (freedom of movement, border security, public safety, civil defense, etc.) provided to the HN?	Р	Primary Importance
181	SecurityForHAActivityMoP	What is the level of security provided for the various Humanitarian Assistance operations ongoing?	Т	Tertiary Importance
183	SecurityForPOActivityMoP	What is the level of security provided for the various peace operations ongoing?	Т	Tertiary Importance
185	SecurityForStabilityActivityMoP	What is the level of security provided for the various stability operations ongoing?	S	Secondary Importance
744	SensorsEstablishedMoP	What sensor capability has been established?	S	Secondary Importance
751	TimeOfDayIndicator	What is the time of day?	Т	Tertiary Importance
56	TransferOfControlToHNChangeMoP	What is the progress in transferring control of government functions to the HN government?	Т	Tertiary Importance
95	WarCrimesActivitiesChangeMoP	What is the progress on war crimes investigations, tribunals, etc.?	Т	Tertiary Importance
773	WaterMovementDamageMoP	What is the damage from water movement (flood/dam failure, tsunami, seiche, etc.)?	Т	Tertiary Importance
2 Hart	ley Notional Model	05/31/2011		
297	AcceptableJobAvailabilityRating	What is the level of acceptable job availability?	m	Model Implied Connection to
7	CentralAuthorityEffectivenessRating	How effectively does it govern: political capacity (tax collection capability, etc.), influence events?	m	Model Implied Connection to
748	CommandAndControlEstablishedMoP	What command and control processes have been established?	х	Implied Connection to LOE
746	CommunicationsEstablishedMoP	What communications capability has been established?	х	Implied Connection to LOE
52	ComplianceWithPeaceAccordsMoP	What is the level of effort in maintaining compliance with peace accords?	х	Implied Connection to LOE
171	ConfidenceBuildingActivityMoP	What is the level of confidence-building and security measures?	х	Implied Connection to LOE
210	ConsequenceManagementActivityMoP	What is the level of consequence management support being provided?	х	Implied Connection to LOE
148	DemobilizedArmedForcesActivityRating	What is the number and influence/activity rating of the demobilized forces?	m	Model Implied Connection to
152	DemobProcessChangeMoP	What is the progress in demobilizing, reducing, and reintegrating military and paramilitary units?	х	Implied Connection to LOE
14	ExternalGovtAdvisorsMoP	What is the number & influence of external advisors to the HN government (not counting Rule of Law advisors)?	х	Implied Connection to LOE
179	ForceSecurityActivityMoP	What is the level of force security provided to allow prosecuting other operations safely?	х	Implied Connection to LOE
269	ForeignInvestmentLevelRating	What is the level of foreign investment in the country?	m	Model Implied Connection to
106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitimacy level of the HN government?	m	Model Implied Connection to
479	GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison with he HN government?	х	Implied Connection to LOE
216	HAActivityMoP	What is the activity level/intensity of Humanitarian Assistance operations?	х	Implied Connection to LOE
150	HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	ХХ	Direct Connection to LOE Tasks
477	InformationCollectionActivitiesMoP	What is the activity level in information collection and processing?	х	Implied Connection to LOE
481	InformationControl&DisseminationActiviti esMoP	What is the activity level in information control & dissemination?	х	Implied Connection to LOE
	InsurgentsActivityRating	What is the number and influence/activity rating of the insurgents?	m	Model Implied Connection to
160	IntelServiceChangeMoP	What is the progress in reforming the HN intelligence services?	х	Implied Connection to LOE
164	IntelServiceInvestmentMoP	What is the \$ investment in intelligence personnel?	х	Implied Connection to LOE
163	IntelServiceJobsCreatedMoP	How many intelligence services jobs have been created?	х	Implied Connection to LOE
	IntelServiceTrainedMoP	What is the progress in training intelligence service personnel?	х	Implied Connection to LOE
	InternallyDisplacedPopulationActivityRatin g	What is the number and influence of the internally displaced population?	m	Model Implied Connection to
144	InterventionForcesActivityRating	What is the number and influence/activity rating of the intervention forces?	m	Model Implied Connection to
474	KeyLeaderOpinionChangeRating	For each issue and each leader, what is the change in opinion?	m	Model Implied Connection to
700	LogisticsAcquiredMoP	What quantity has been acquired?	х	Implied Connection to LOE
	LogisticsDistributedMoP	What quantity has been distributed?	х	Implied Connection to LOE
	LogisticsMovedInAirMoP	What quantity has been moved in the air?	х	Implied Connection to LOE
706	LogisticsMovedOnGroundMoP	What quantity has been moved on the ground?	х	Implied Connection to LOE
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LOE Description

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# LOE	Nam	ie LOE Descri	ption		C	Offic Cite
ID	Cor	nnections Source		Date		
	MetII	D Class Name	Defining Question		Lev	Level Description
	710	LogisticsMovedOnWaterMoP	What quantity has been mov	ved on water?	х	Implied Connection to LOE
		LogisticsMovedUnderWaterMoP	What quantity has been mov		х	Implied Connection to LOE
		LogisticsWarehousedMoP	What quantity has been war		x	Implied Connection to LOE
		MediationNegotiationsPersuasionMoP		ation, negotiation & persuasion efforts that	х	Implied Connection to LOE
	154	MilitaryChangeMoP	What is the progress in refor	rming the HN military?	хх	Direct Connection to LOE Tasks
		MilitaryExercisesActivityMoP	What is the activity level of r		х	Implied Connection to LOE
	158	MilitaryInvestmentMoP	What is the \$ investment in	military personnel?	ХХ	Direct Connection to LOE Tasks
	157	MilitaryJobsCreatedMoP	How many military jobs have	e been created?	ХХ	Direct Connection to LOE Tasks
	574	MilitaryStructuresCapacityRating	What is the capacity of the n	nilitary infrastructure?	m	Model Implied Connection to
	583	MilitaryStructuresCapacityRebuiltMoP	What capacity of the militar	y infrastructure has been rebuilt?	х	Implied Connection to LOE
	581	MilitaryStructuresInvestmentMoP	What is the \$ investment in	rebuilding the military infrastructure?	х	Implied Connection to LOE
	582	MilitaryStructuresJobsCreatedMoP	How many jobs have been co infrastructure?	reated in rebuilding the military	х	Implied Connection to LOE
	156	MilitaryTrainedMoP	What is the progress in train	ing military personnel?	ΧХ	Direct Connection to LOE Tasks
	575	MilitaryVehiclesCapacityRating	What is the capacity of the n	nilitary vehicles?	m	Model Implied Connection to
	591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the militar	y vehicles has been rebuilt/replaced?	х	Implied Connection to LOE
	589	MilitaryVehiclesInvestmentMoP	What is the \$ investment in	rebuilding/replacing the military vehicles?	х	Implied Connection to LOE
	590	MilitaryVehiclesJobsCreatedMoP	How many jobs have been co vehicles?	reated in rebuilding/replacing the military	х	Implied Connection to LOE
	212	MineLevelActivityMoP	What is the level of mine (m activity?	ines, UXO, IEDs) clearance/placement	х	Implied Connection to LOE
	218	NEOActivityMoP	What is the activity level/int Operations?	ensity of Non-combatant Evacuation	х	Implied Connection to LOE
	202	NonNationStateActorsFundingChangeMoP	What is the level of activity t nation state actors?	to identify and interdict funding of non-	х	Implied Connection to LOE
	206	NonNationStateActorsPopulationSupportC hangeMoP	What is the level of activity t support for non-nation state	to identify financial, institutional and local e actors and disrupt it?	х	Implied Connection to LOE
	204	NonNationStateActorsRecruitingChangeM oP	What is the level of activity t nation state actors?	to identify and interdict recruitment by non-	х	Implied Connection to LOE
	46	OppositionPartyUseOfForceRating	What is the oppositions stan wholly against to active use	ce on the use of force, measured from of force?	m	Model Implied Connection to
	194	ParamilitaryForcesActivityRating	What is the number and inflution forces?	uence/activity rating of the paramilitary	m	Model Implied Connection to
	418	$\label{eq:perceptionOfSafeAndSecureEnvironmentM} oFE$	What is the rating on the per	rception of a safe and secure environment?	m	Model Implied Connection to
	214	PiracyActivityMoP	What is the activity level/int	ensity of piracy and anti-piracy operations?	х	Implied Connection to LOE
	208	PoliticalInstabilityMitigationActivityMoP	What is the level of activity t unrest actions by non-nation	to mitigate political instability and individual In state actors?	Х	Implied Connection to LOE
	472	PopulationOpinionChangeRating	For each issue, what is the cl	hange in popular opinion?	m	Model Implied Connection to
	483	PositivePRActivitiesMoP	What is the activity level of	positive public relations activities?	х	Implied Connection to LOE
	54	PowersharingMonitoringMoP	What is the status of monito	ring power sharing arrangements?	х	Implied Connection to LOE
	420	RefugeeCampSecurityActivityMoP	What is the level of security	provided for refugee camps?	х	Implied Connection to LOE
	147	RegimeSponsoredNonMilitaryArmedForces ActivityRating	What is the number and influsion sponsored, non-military arm	uence/activity rating of the regime ned forces?	m	Model Implied Connection to
	177	SecurityCoordinationActivityMoP	What is the level of security intervenors?	coordination between the HN and the	XX	Direct Connection to LOE Tasks
	175	SecurityForceAssistanceActivityMoP		assistance (freedom of movement, border Jefense, etc.) provided to the HN?	х	Implied Connection to LOE
	181	SecurityForHAActivityMoP	What is the level of security Assistance operations ongoi	provided for the various Humanitarian ng?	х	Implied Connection to LOE
	183	SecurityForPOActivityMoP	What is the level of security ongoing?	provided for the various peace operations	х	Implied Connection to LOE
	185	SecurityForStabilityActivityMoP	What is the level of security ongoing?	provided for the various stability operations	х	Implied Connection to LOE
	744	SensorsEstablishedMoP	What sensor capability has b	been established?	х	Implied Connection to LOE
	473	5 11 5 5	For each issue and each grou	up, what is the change in opinion?	m	Model Implied Connection to
		StabilityOpsActivityMoP	=	ensity of stability operations?	х	Implied Connection to LOE
	197	TerroristsActivityRating	What is the number and infl	uence/activity rating of the terrorists?	m	Model Implied Connection to
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442 ToleranceByPeopleOfTheStatusQuoMoFE How tolerant are the people of the Status Quo? m Model Implie 56 TransferOfControlToHNChangeMoP What is the progress in transferring control of government functions to the HN government? m Model Implie 4 Restore Essential Services Sewage, water, electrical power, academic institutions, trash removal, medical services m Model Implie 1 TRAC IW Metric Ontology Workshop 2 04/27/2011 m FM3- 230 AgBusinessRating What is the status of agricultural policy? T Tertiary Implie 24 AgPolicyChangeMoP What is the erogress in reforming agricultural policy? T Tertiary Implie 29 AgProductionMoP What is the expacity of agriculture structures? S Secondary In 510 AgricultureInfraCapacityRebuiltMoP What is the capacity of agriculture structures? S Secondary In 509 AgricultureInfraLopacityRebuiltMoP What is the damage from air movement (storms, blizzards, hurricanes, thunderstorms, tornados, etc.)? P Primary Implied Constructures? 211 ArableLandCapacityRating What is the capacity of arable land? S Secondary In 520 AgricultureI	
56 TransferOfControlToHNChangeMoP What is the progress in transferring control of government functions to the HN government? x Implied Control Contenter Conteconter Control Content Control Control Contro	ption
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1 TRAC IW Metric Ontology Workshop 2 04/27/2011 230 AgBusinessRating What is the status of agricultural businesses? S 242 AgPolicyChangeMoP What is the status of agricultural policy? T 229 AgProductionMoP What is the level of agricultural production? S Secondary In 512 AgricultureInfraCapacityDamagedMoP What is the level of agriculture structures? S Secondary In 510 AgricultureInfraCapacityRating What is the capacity of agriculture structures? S Secondary In 509 AgricultureInfraCapacityRebuiltMoP What is the damage from air movement (storms, blizzards, hurricanes, thriang) by have been created in rebuilding agriculture structures? S Secondary In 509 AgricultureInfralobsCreatedMoP How many jobs have been created in rebuilding agriculture structures? S Secondary In 756 AirMovementDamageMoP What is the capacity of arable land? S Secondary In 723 BackMarketActivityRating What is the capacity of shops and commercial structures? S Secondary In 766 AirMovementDamageMoP What is the capacity of arable land? S Secondary In 723	nection to LOE
230AgBusinessRatingWhat is the status of agricultural businesses?SSecondary In242AgPolicyChangeMoPWhat is the progress in reforming agricultural policy?TTertiary Imp229AgProductionMoPWhat is the level of agricultural production?SSecondary In12AgricultureInfraCapacityDamagedMoPWhat is the capacity of agriculture structures has been damaged?TTertiary Imp498AgricultureInfraCapacityRatingWhat is the capacity of agriculture structures has been rebuilt?SSecondary In500AgricultureInfraCapacityRebuiltMoPWhat is the sinvestment in rebuilding agriculture structures?SSecondary In509AgricultureInfralobsCreatedMoPHow many jobs have been created in rebuilding agriculture structures?SSecondary In501AirMovementDamageMoPWhat is the damage from air movement (storms, blizzards, hurricanes, thunderstorms, tornados, etc.)?PPrimary Imp511ArableLandCapacityRatingWhat is the rating on the HN basic natural resources capacity?SSecondary In512BasicNaturalResourceCapacityRatingWhat is the capacity of shops and commercial structures?SSecondary In518BusinessInfraCapacityRatingWhat is the capacity of shops and commercial structures?SSecondary In518BusinessInfraCapacityRatingWhat is the capacity of shops and commercial structures?SSecondary In518BusinessInfraCapacityRatingWhat is the capacity of shops and commercial structures?SSecondary In <t< td=""><td>-24.2</td></t<>	-24.2
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515 BusinessInfraJobsCreatedMoP How many jobs have been created in rebuilding shops and commercial S Secondary In structures?	•
350 CivilianHousingCapacityRating What is the status of civilian housing capacity? S Secondary In	•
	nportance
311 CommercialSectorRating What is the economic health of the overall commercial sector? S Secondary In	nportance
330 CommodityInvestmentMoP What is the \$ investment in direct external participation in the economy T Tertiary Imp (buying and selling commodities)?	ortance
317 CriticalIndustriesRating What is the status of the country's critical industries? S Secondary In	nportance
664 DamsCapacityRating What is the capacity of the dam infrastructure? P Primary Imp	ortance
682 DamsInfraCapacityDamagedMoP What capacity of the dam infrastructure has been damaged? P Primary Imp	ortance
676 DamsInfraCapacityRebuiltMoP What capacity of the dam infrastructure has been rebuilt? P Primary Imp	ortance
674 DamsInfraInvestmentMoP What is the \$ investment in rebuilding the dam infrastructure? S Secondary In	nportance
675 DamsInfraJobsCreatedMoP How many jobs have been created in rebuilding the dam infrastructure? P Primary Imp	ortance
392 DeathAndIIInessFromHealthIssuesRating What is the death and illness rate from disease or other health issues? P Primary Imp	
249 DrugUseRating What is the drug use level? T Tertiary Imp	
366 DurableGoodsDistributedMoP What is the quantity of non-food and non-water relief items distributed? P Primary Imp	
769 EarthMovementDamageMoP What is the damage from earth movement (earthquake, P Primary Imp Iandslide/avalanche, volcanic eruptions, etc.)?	
321 EconomicFoundationRatingMoFE What is the combined rating for the economy and infrastructure? S Secondary In	nportance
287 EconomicPolicyChangeMoP What is the progress in reforming government economic policy? T Tertiary Imp	
534 EducationInfraCapacityDamagedMoP What capacity of the education infrastructure has been damaged? P Primary Imp	
528 EducationInfraCapacityRating What is the capacity of the education infrastructure? S Secondary In	
532 EducationInfraCapacityRebuiltMoP What capacity of the education infrastructure has been rebuilt? S Secondary In	•
530 EducationInfraInvestmentMoP What is the \$ investment in rebuilding the education infrastructure? S Secondary In	•
531 EducationInfraJobsCreatedMoP How many jobs have been created in rebuilding the education T Tertiary Imp infrastructure?	
385 EducationSuppliesProvidedMoP What is the quantity of education supplies provided? P Primary Imp	ortance
567 ElectricDistributionCapacityDamagedMoP What capacity of the electric distribution infrastructure has been T Tertiary Impr damaged?	
545 ElectricDistributionCapacityRating What is the capacity of the electric distribution infrastructure? S Secondary In	nportance
555 ElectricDistributionCapacityRebuiltMoP What capacity of the electric distribution infrastructure has been rebuilt? P Primary Imp	•
553 ElectricDistributionInvestmentMoP What is the \$ investment in rebuilding the electric distribution S Secondary In infrastructure?	

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LOE Description

Cor	nections Source	Date		
MetII	Class Name	Defining Question	Lev	Level Description
554	ElectricDistributionJobsCreatedMoP	How many jobs have been created in rebuilding the electric distribution infrastructure?	Т	Tertiary Importance
565	ElectricProductionCapacityDamagedMoP	What capacity of the electric production infrastructure has been damaged?	Т	Tertiary Importance
544	ElectricProductionCapacityRating	What is the capacity of the electric production infrastructure?	S	Secondary Importance
551	ElectricProductionCapacityRebuiltMoP	What capacity of the electric production infrastructure has been rebuilt?	Р	Primary Importance
549	ElectricProductionInvestmentMoP	What is the \$ investment in rebuilding the electric production infrastructure?	S	Secondary Importance
550	ElectricProductionJobsCreatedMoP	How many jobs have been created in rebuilding the electric production infrastructure?	Т	Tertiary Importance
259	EnergyBusinessRating	What is the status of the energy business?	Т	Tertiary Importance
261	EnergyImportationChangeMoP	How much energy has been imported?	Р	Primary Importance
258	EnergySupplyAndDistributionLevelRating	What is the overall rating for energy supply and distribution?	Р	Primary Importance
407	ExpatriatesActivityRating	What is the number and influence of expatriates, migrants & refugees living abroad?	Т	Tertiary Importance
	ExtractiveEnergyProductionCapacityDama gedMoP	What capacity of the extractive energy production infrastructure has been damaged?	Т	Tertiary Importance
	ExtractiveEnergyProductionCapacityRating	What is the capacity of the extractive energy production infrastructure?	Т	Tertiary Importance
	ExtractiveEnergyProductionCapacityRebuil tMoP	What capacity of the extractive energy production infrastructure has been rebuilt?	Р	Primary Importance
	ExtractiveEnergyProductionInvestmentMo	What is the \$ investment in rebuilding the extractive energy production infrastructure?	S T	Secondary Importance
	ExtractiveEnergyProductionJobsCreatedM oP	How many jobs have been created in rebuilding the extractive energy production infrastructure?	T	Tertiary Importance
	ExtractiveEnergyTransportCapacityDamag edMoP	What capacity of the extractive energy transportation infrastructure has been damaged?		Tertiary Importance
	ExtractiveEnergyTransportCapacityRating	What is the capacity of the extractive energy transportation infrastructure?	S	Secondary Importance
	ExtractiveEnergyTransportCapacityRebuilt MoP	What capacity of the extractive energy transportation infrastructure has been rebuilt?	Р	Primary Importance
	ExtractiveEnergyTransportInvestmentMoP	What is the \$ investment in rebuilding the extractive energy transportation infrastructure?	S	Secondary Importance
	ExtractiveEnergyTransportJobsCreatedMo P	How many jobs have been created in rebuilding the extractive energy transportation infrastructure?	Т	Tertiary Importance
	FireDamageMoP	What is the damage from fire or wildfire?	Т	Tertiary Importance
	FirstRespondersActivityRating	How many first responders are there; what is their influence and activity?	Т	Tertiary Importance
	FirstRespondersInvestmentMoP	What is the \$ investment in first responders?	Т	Tertiary Importance
	FirstRespondersJobsCreatedMoP	How many first responder jobs have been created?	Т	Tertiary Importance
	FirstRespondersTrainedMoP	What is the progress in training first responders?	Т	Tertiary Importance
	FoodDistributedMoP	What is the quantity of food distributed?	Р	Primary Importance
	FoodImportedMoP	What is the quantity of food imported?	Р	Primary Importance
	FoodSupplyRating	What is the rating on the available food supply?	Р	Primary Importance
	ForeignInvestmentLevelRating	What is the level of foreign investment in the country?	Т	Tertiary Importance
	GeneralEnergyInfraCapacityRating	What is the capacity of the general energy infrastructure?	S	Secondary Importance
	GeneralInfrastructureRatingMoFE	What is the rating for the overall infrastructure?	S	Secondary Importance
	GeneralPopulationActivityRating	What is the size of the general population and the extent of its influence?		Tertiary Importance
	GovtEconomicPolicyRating	What is the overall rating on the HN government's economic policy?	T	Tertiary Importance
	GovtSuppliesDeliveredMoP	What amount of government supplies has been delivered for all levels and parts of government?	S	Secondary Importance
	HAActivityMoP	What is the activity level/intensity of Humanitarian Assistance operations?	S	Secondary Importance
	HealthCareProjectsChangeMoP	What is the progress in health care projects?	Р	Primary Importance
	HealthInfraCapacityDamagedMoP	What capacity of the health infrastructure has been damaged?	Р	Primary Importance
	HealthInfraCapacityRating	What is the capacity of the health infrastructure?	Р	Primary Importance
	HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	Р	Primary Importance
	HealthInfraInvestmentMoP	What is the \$ investment in rebuilding the health infrastructure?	S	Secondary Importance
538	HealthInfraJobsCreatedMoP	How many jobs have been created in rebuilding the health infrastructure?	S	Secondary Importance

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LOE Description

Cor	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
374	HumanitarianReliefStockPrepositionedMo P	What is the quantity of hum prepositioned?	anitarian relief stocks that have been	Р	Primary Importance
396	IIInessCausedByFamineEpidemicMoP		aused by health emergencies, such as	Т	Tertiary Importance
402	InternallyDisplacedPopulationActivityRatin g	What is the number and infl	uence of the internally displaced population?	Т	Tertiary Importance
277	InvestmentCapitalActionsMoP	What is the level of activity i	in seeking investment capital for the country?	Т	Tertiary Importance
380	JobRelatedEducationalSystemRating	graduates (both at the generelite/expert knowledge and		Р	Primary Importance
	KeyLeaderEducationRating	What is the influence of each		S	Secondary Importance
	KeyLeaderNGORating	What is the influence of each	-	Т	Tertiary Importance
	LogisticsAcquiredMoP	What quantity has been acq		Т	Tertiary Importance
	LogisticsDistributedMoP	What quantity has been dist		T	Tertiary Importance
	LogisticsMovedInAirMoP	What quantity has been more		T	Tertiary Importance
	LogisticsMovedOnGroundMoP	What quantity has been more	-	T	Tertiary Importance
	LogisticsMovedOnWaterMoP	What quantity has been more		T	Tertiary Importance
	LogisticsMovedUnderWaterMoP	What quantity has been more		T	Tertiary Importance
	LogisticsWarehousedMoP	What quantity has been war		Т	Tertiary Importance
	ManmadeDisasterDamageMoP	hazardous materials, etc.)?	anmade disasters (nuclear powerplant,	S	Secondary Importance
	ManufacturingInfraCapacityDamagedMoP		iring structures has been damaged?	Т	Tertiary Importance
497	ManufacturingInfraCapacityRating	What is the capacity of man	-	S	Secondary Importance
504	ManufacturingInfraCapacityRebuiltMoP		ring structures has been rebuilt?	S	Secondary Importance
502	ManufacturingInfraInvestmentMoP		rebuilding manufacturing structures?	S	Secondary Importance
	ManufacturingInfraJobsCreatedMoP	structures?	reated in rebuilding manufacturing	S	Secondary Importance
	MarketsRating		iency of the markets in goods and services?	S	Secondary Importance
	MediaInfraCapacityRating	What is the capacity of the r		Т	Tertiary Importance
	MediaInfraInvestmentMoP		rebuilding the media infrastructure?	Т	Tertiary Importance
	MedicalTreatmentProvidedMoP	What is the quantity of med	-	Р	Primary Importance
	MicrofinanceSystemChangeMoP		rming microfinance systems?	S	Secondary Importance
	MigrantsActivityRating	(due to pull factors)?	uence of migrants from outside the country	Т	Tertiary Importance
	MineLevelActivityMoP	activity?	ines, UXO, IEDs) clearance/placement	Т	Tertiary Importance
	NaturalFeaturesRating		presented (rivers, mountains, etc.)?	Т	Tertiary Importance
	NaturalResourceManagementChangeMoP	1 8	aging the natural resources?	Р	Primary Importance
	NaturalResourcesRating	How are natural resources r	•	Т	Tertiary Importance
	NegotiationWBureaucraciesActivitiesMoP	people?	otiation with bureacracies to get relief for	P	Primary Importance
	NGOActivityCoordinationActivitiesMoP	with intervenors)?	ation of NGO activities (among NGOs and	P	Primary Importance
	NGOActivityRating	Governmental Organization		P	Primary Importance
	OverallImmediateNeedsOfThePeopleSatisfi edMoFE		ion of the people's overall immediate needs?		Primary Importance
	PollutionRating	• •	on (individual, agricultural, industrial)?	Р	Primary Importance
	PollutionReductionProjectsMoP	What is the progress in pollu		Р	Primary Importance
	PotableWaterSupplyRating	What is the rating on the available to the available to the second secon		P	Primary Importance
	PrecipitationRating	What is the precipitation lev	•	P	Primary Importance
	PrivatizationChangeMoP		atizing governmnet run businesses?	T	Tertiary Importance
	PublicWorksInvestmentMoP	What is the \$ investment in		S	Secondary Importance
	PublicWorksJobsCreatedMoP	=	created by public works programs?	S	Secondary Importance
	RefugeeCampsCapacityRating	What is the capacity of refu		S T	Secondary Importance
420 406	RefugeeCampSecurityActivityMoP RefugeesActivityRating		provided for refugee camps? uence of migrants from outside the country	T T	Tertiary Importance Tertiary Importance
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ID Coi	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
408	ReturnOfExpatriatesRating	What is the level of returnin	g of expatriates?	т	Tertiary Importance
	SanitationAndWasteWaterProjectsChange MoP		itation and waste water projects?	Р	Primary Importance
394	SatisfactionOfHealthRequirementsRating	What is the level of satisfact	tion of the people's health requirements?	S	Secondary Importance
181	SecurityForHAActivityMoP	What is the level of security Assistance operations ongoing the security of the securety of the security of the security of the securety of th	provided for the various Humanitarian ing?	S	Secondary Importance
183	SecurityForPOActivityMoP	What is the level of security ongoing?	provided for the various peace operations	S	Secondary Importance
422	SocialProtectionProgramsActivityMoP	What is the level of activity	in providing social protection programs?	Т	Tertiary Importance
306	SocialSafetyNetChangeMoP	What is the progress in refo	rming the social safety net?	Т	Tertiary Importance
	SocialServicesAdequacyRating	throughout society) and effe		Р	Primary Importance
	StockMarketChangeMoP		rming the stock and commodity markets?	Т	Tertiary Importance
	TeacherJobsCreatedMoP	What is the number of teach	-	S	Secondary Importance
	TeachersTrainedMoP	What is the progress in train	•	Р	Primary Importance
	TemperatureRating	What is the temperature, he		Р	Primary Importance
	TemporaryShelterCapacityProvidedMoP	provided?	porary shelter/housing/refugee camps	P	Primary Importance
	TimeOfDayIndicator	What is the time of day?	disposal2	Р	Primary Importance
	TrashDisposalRating	What is the quality of trash	•	Р	Primary Importance
	WasteWaterTreatmentRating WaterAndSewageTreatmentInfraCapacityD	What is the quality of waste What capacity of the water	and sewage treatment infrastructure has	P P	Primary Importance Primary Importance
	amagedMoP WaterAndSewageTreatmentInfraCapacityR	been damaged?	-	г Р	Primary Importance
005	ating	what is the capacity of the t		'	r mary importance
672	Water And Sew age Treatment Infra Capacity Rebuilt MoP	What capacity of the water been rebuilt?	and sewage treatment infrastructure has	Ρ	Primary Importance
670	WaterAndSewageTreatmentInfraInvestme ntMoP	What is the \$ investment in infrastructure?	rebuilding the water and sewage treatment	S	Secondary Importance
	WaterAndSewageTreatmentInfraJobsCreat edMoP	treatment infrastructure?		Р	Primary Importance
	WaterDistributedMoP	What is the quantity of wate		P	Primary Importance
	WaterDistributionInfraCapacityDamagedM oP	damaged?	distribution infrastructure has been	Р	Primary Importance
	WaterDistributionInfraCapacityRating	1 3	water distribution infrastructure?	Р	Primary Importance
	WaterDistributionInfraCapacityRebuiltMoP WaterDistributionInfraInvestmentMoP	What is the \$ investment in	distribution infrastructure has been rebuilt? rebuilding the water distribution	P S	Primary Importance Secondary Importance
667	WaterDistributionInfraJobsCreatedMoP	infrastructure? How many jobs have been c infrastructure?	reated in rebuilding the water distribution	Ρ	Primary Importance
773	WaterMovementDamageMoP		ater movement (flood/dam failure, tsunami,	Т	Tertiary Importance
2 Hart	ley Notional Model		05/31/2011		
	AcceptableJobAvailabilityRating	What is the level of accepta		m	Model Implied Connection to
	AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the		m	Model Implied Connection to
229	AgProductionMoP	What is the level of agricult	ural production?	m	Model Implied Connection to
	AntiPopulationMovementActivitiesMoP	Ŭ	s to reduce the likelihood of population	x	Implied Connection to LOE
424	AntiTraffickingInPersonsActivityMoP		in anti-trafficking in persons programs?	х	Implied Connection to LOE
	CentralAuthorityEffectivenessRating		ern: political capacity (tax collection	m	Model Implied Connection to
383	CivicEducationProjectsActivityMoP	What is the progress in civic		х	Implied Connection to LOE
748	CommandAndControlEstablishedMoP	What command and control	processes have been established?	х	Implied Connection to LOE
330	CommodityInvestmentMoP	What is the \$ investment in (buying and selling commod	direct external participation in the economy lities)?	х	Implied Connection to LOE
746	CommunicationsEstablishedMoP	What communications capa	-	х	Implied Connection to LOE
664	DamsCapacityRating	What is the capacity of the o	dam infrastructure?	m	Model Implied Connection to

LOE Description

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	ID Cor	nnections Source		Date		
	Metil	D Class Name	Defining Question		Lev	Level Description
	676	DamsInfraCapacityRebuiltMoP	What capacity of the dam ir	nfrastructure has been rebuilt?	хх	Direct Connection to LOE Tasks
		DamsInfraInvestmentMoP		rebuilding the dam infrastructure?	ΧХ	Direct Connection to LOE Tasks
		DamsInfraJobsCreatedMoP		created in rebuilding the dam infrastructure?	XX	Direct Connection to LOE Tasks
		DiplomaticActionsMoP	= =	atic actions to and from the HN government,	x	Implied Connection to LOE
	01			inications, making alliances, etc.)?	ĸ	
	366	DurableGoodsDistributedMoP	What is the quantity of non-	-food and non-water relief items distributed?	Х	Implied Connection to LOE
	528	EducationInfraCapacityRating	What is the capacity of the e	education infrastructure?	m	Model Implied Connection to
	532	EducationInfraCapacityRebuiltMoP	What capacity of the educat	tion infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
	530	EducationInfraInvestmentMoP	What is the \$ investment in	rebuilding the education infrastructure?	ΧХ	Direct Connection to LOE Tasks
	531	EducationInfraJobsCreatedMoP	How many jobs have been c infrastructure?	reated in rebuilding the education	ХХ	Direct Connection to LOE Tasks
	385	EducationSuppliesProvidedMoP	What is the quantity of educ	cation supplies provided?	ΧХ	Direct Connection to LOE Tasks
	545	ElectricDistributionCapacityRating	What is the capacity of the	electric distribution infrastructure?	m	Model Implied Connection to
	555	ElectricDistributionCapacityRebuiltMoP	What capacity of the electri	c distribution infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
	553	ElectricDistributionInvestmentMoP	What is the \$ investment in infrastructure?	rebuilding the electric distribution	ХХ	Direct Connection to LOE Tasks
	554	ElectricDistributionJobsCreatedMoP	How many jobs have been c infrastructure?	created in rebuilding the electric distribution	ХХ	Direct Connection to LOE Tasks
	544	ElectricProductionCapacityRating	What is the capacity of the	electric production infrastructure?	m	Model Implied Connection to
	551	ElectricProductionCapacityRebuiltMoP	What capacity of the electri	c production infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
	549	ElectricProductionInvestmentMoP	What is the \$ investment in infrastructure?	rebuilding the electric production	ХХ	Direct Connection to LOE Tasks
	550	ElectricProductionJobsCreatedMoP	How many jobs have been c infrastructure?	reated in rebuilding the electric production	ХХ	Direct Connection to LOE Tasks
	261	EnergyImportationChangeMoP	How much energy has been	imported?	х	Implied Connection to LOE
		EnergySupplyAndDistributionLevelRating		or energy supply and distribution?	m	Model Implied Connection to
		ExternalGovtAdvisorsMoP	-	ence of external advisors to the HN	х	Implied Connection to LOE
	20	FirstRespondersInvestmentMoP	What is the \$ investment in		х	Implied Connection to LOE
		FirstRespondersJobsCreatedMoP	How many first responder jo	•	х	Implied Connection to LOE
		FirstRespondersTrainedMoP	What is the progress in train		х	Implied Connection to LOE
		FoodDistributedMoP	What is the quantity of food	distributed?	х	Implied Connection to LOE
	354	FoodImportedMoP	What is the quantity of food		х	Implied Connection to LOE
		FoodSupplyRating	What is the rating on the av	•	m	Model Implied Connection to
	410	ForcedPopulationMovementRating	•	population movement (whether into refugee	х	Implied Connection to LOE
	179	ForceSecurityActivityMoP	What is the level of force se operations safely?	curity provided to allow prosecuting other	х	Implied Connection to LOE
	269	ForeignInvestmentLevelRating	What is the level of foreign	investment in the country?	m	Model Implied Connection to
	463	FreedomOfDomesticMediaRating	What is the level of freedom	n of domestic media?	m	Model Implied Connection to
	319	GeneralEconomyRatingMoFE	What is the rating for the ov	verall economy?	х	Implied Connection to LOE
	106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitin	nacy level of the HN government?	m	Model Implied Connection to
	479	GovtLiaisonProgramActivitiesMoP	What is the level of activity	in liaison with he HN government?	х	Implied Connection to LOE
	16	GovtPersonnelEducatedChangeMoP	What is the progress in educe government staff, etc.?	cating civil service, legislative staff, local	х	Implied Connection to LOE
	28	GovtSuppliesDeliveredMoP	What amount of governmer and parts of government?	nt supplies has been delivered for all levels	х	Implied Connection to LOE
	216	HAActivityMoP	What is the activity level/in operations?	tensity of Humanitarian Assistance	х	Implied Connection to LOE
	400	HealthCareProjectsChangeMoP	What is the progress in heal	Ith care projects?	х	Implied Connection to LOE
	535	HealthInfraCapacityRating	What is the capacity of the l	health infrastructure?	m	Model Implied Connection to
	539	HealthInfraCapacityRebuiltMoP	What capacity of the health	infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
		HealthInfraInvestmentMoP	What is the \$ investment in	rebuilding the health infrastructure?	ХХ	Direct Connection to LOE Tasks
	538	HealthInfraJobsCreatedMoP		created in rebuilding the health	хх	Direct Connection to LOE Tasks
	150	HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (o	rganization, oversight, capacity, training iscipline, recruiting) of the HN military?	m	Model Implied Connection to

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LOE Description

Cor	nnections Source		Date		
Metll	D Class Name	Defining Question		Lev	Level Description
374	HumanitarianReliefStockPrepositionedMo P	What is the quantity of huma prepositioned?	anitarian relief stocks that have been	x	Implied Connection to LOE
396	IIInessCausedByFamineEpidemicMoP		used by health emergencies, such as	х	Implied Connection to LOE
477	InformationCollectionActivitiesMoP	What is the activity level in in	nformation collection and processing?	х	Implied Connection to LOE
481	InformationControl&DisseminationActiviti esMoP	What is the activity level in in	nformation control & dissemination?	х	Implied Connection to LOE
402	InternallyDisplacedPopulationActivityRatin g	What is the number and influ	uence of the internally displaced population?	m	Model Implied Connection to
144	InterventionForcesActivityRating	What is the number and influ forces?	uence/activity rating of the intervention	m	Model Implied Connection to
467	JournalistTrainingAndProfessionalizationA ctivityMoP	professionalization projects?		Х	Implied Connection to LOE
105	KeyLeaderDiplomatsRating	What is the influence of each	n key diplomatic leader?	m	Model Implied Connection to
474	KeyLeaderOpinionChangeRating	For each issue and each lead	er, what is the change in opinion?	m	Model Implied Connection to
700	LogisticsAcquiredMoP	What quantity has been acqu	uired?	х	Implied Connection to LOE
704	LogisticsDistributedMoP	What quantity has been distr	ibuted?	х	Implied Connection to LOE
708	LogisticsMovedInAirMoP	What quantity has been mov	ed in the air?	х	Implied Connection to LOE
706	LogisticsMovedOnGroundMoP	What quantity has been mov	ed on the ground?	х	Implied Connection to LOE
710	LogisticsMovedOnWaterMoP	What quantity has been mov	ed on water?	х	Implied Connection to LOE
712	LogisticsMovedUnderWaterMoP	What quantity has been mov		х	Implied Connection to LOE
702	LogisticsWarehousedMoP	What quantity has been war	ehoused?	х	Implied Connection to LOE
398	MedicalTreatmentProvidedMoP	What is the quantity of medi	cal treatment provided?	х	Implied Connection to LOE
376	NegotiationWBureaucraciesActivitiesMoP	people?	tiation with bureacracies to get relief for	х	Implied Connection to LOE
368	NGOActivityCoordinationActivitiesMoP	What is the level of coordina with intervenors)?	tion of NGO activities (among NGOs and	Х	Implied Connection to LOE
352	$Overall {\tt ImmediateNeedsOfThePeopleSatisfiedMoFE} \\$	What is the level of satisfacti	on of the people's overall immediate needs?	ХХ	Direct Connection to LOE Tasks
418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the per	ception of a safe and secure environment?	m	Model Implied Connection to
77	PolicingOperationsActivityMoP	What is the level of policing of	operations being performed?	х	Implied Connection to LOE
347	PollutionRating		on (individual, agricultural, industrial)?	m	Model Implied Connection to
	PollutionReductionProjectsMoP	What is the progress in pollu		х	Implied Connection to LOE
472	PopulationOpinionChangeRating	For each issue, what is the ch	nange in popular opinion?	m	Model Implied Connection to
	PositivePRActivitiesMoP		oositive public relations activities?	х	Implied Connection to LOE
	PotableWaterSupplyRating	What is the rating on the ava		m	Model Implied Connection to
	PowersharingMonitoringMoP		ring power sharing arrangements?	х	Implied Connection to LOE
	RefugeeCampsCapacityRating	What is the capacity of refug	•	m	Model Implied Connection to
	RefugeeCampSecurityActivityMoP	What is the level of security		х	Implied Connection to LOE
414	ResettledPeopleChangeMoP	How many people have been		х	Implied Connection to LOE
	SanitationAndWasteWaterProjectsChange MoP	1 0	tation and waste water projects?	х	Implied Connection to LOE
	SatisfactionOfHealthRequirementsRating		on of the people's health requirements?	m	Model Implied Connection to
	SecurityCoordinationActivityMoP	intervenors?	coordination between the HN and the	х	Implied Connection to LOE
181	SecurityForHAActivityMoP	What is the level of security Assistance operations ongoin	provided for the various Humanitarian ng?	х	Implied Connection to LOE
185	SecurityForStabilityActivityMoP	What is the level of security ongoing?	provided for the various stability operations	Х	Implied Connection to LOE
744	SensorsEstablishedMoP	What sensor capability has b	een established?	х	Implied Connection to LOE
	SignificantGroupOpinionChangeRating		p, what is the change in opinion?	m	Model Implied Connection to
	SocialProtectionProgramsActivityMoP	What is the level of activity in	n providing social protection programs?	х	Implied Connection to LOE
8	SocialServicesAdequacyRating	throughout society) and effe		m	Model Implied Connection to
168	StabilityOpsActivityMoP	What is the activity level/intervention	ensity of stability operations?	х	Implied Connection to LOE
	TeacherJobsCreatedMoP	What is the number of teach	-	ХΧ	Direct Connection to LOE Tasks
387	TeachersTrainedMoP	What is the progress in train	ing teachers?	ХХ	Direct Connection to LOE Tasks

LOE Name

LOE Description

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ID	Con	nections Source		Date		
	MetI	D Class Name	Defining Question		Lev	Level Description
	370	TemporaryShelterCapacityProvidedMoP	What is the capacity of temp provided?	porary shelter/housing/refugee camps	x	Implied Connection to LOE
	442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	m	Model Implied Connection
		WaterAndSewageTreatmentInfraCapacityR ating	What is the capacity of the v	vater and sewage treatment infrastructure?	m	Model Implied Connection
		$\label{eq:waterAndSewageTreatmentInfraCapacityR} WaterAndSewageTreatmentInfraCapacityR \\ ebuiltMoP$	What capacity of the water a been rebuilt?	and sewage treatment infrastructure has	ХХ	Direct Connection to LOE T
		WaterAndSewageTreatmentInfraInvestme ntMoP	What is the \$ investment in infrastructure?	rebuilding the water and sewage treatment	ХХ	Direct Connection to LOE T
		WaterAndSewageTreatmentInfraJobsCreat edMoP	How many jobs have been contractment infrastructure?	reated in rebuilding the water and sewage	ХХ	Direct Connection to LOE T
	358	WaterDistributedMoP	What is the quantity of wate	er distributed?	х	Implied Connection to LOE
	662	WaterDistributionInfraCapacityRating	What is the capacity of the v	vater distribution infrastructure?	m	Model Implied Connection
	668	$Water {\tt Distribution} In fraCapacity {\tt Rebuilt} {\tt MoP}$	What capacity of the water	distribution infrastructure has been rebuilt?	ХХ	Direct Connection to LOE T
	666	WaterDistributionInfraInvestmentMoP	What is the \$ investment in infrastructure?	rebuilding the water distribution	ХХ	Direct Connection to LOE T
	667	WaterDistributionInfraJobsCreatedMoP	How many jobs have been clinfrastructure?	reated in rebuilding the water distribution	ХХ	Direct Connection to LOE T
upp	oort E	conomic and Provide pu	blic works, commerc	e, civilian supply, civilian health	\checkmark	FM3-24.2

Infrastructure Development care, and agriculture support; coordinate civic assistance

programs

04/27/2011

1 TR	AC IW Metric Ontology Workshop 2	04/27/2011		
29	7 AcceptableJobAvailabilityRating	What is the level of acceptable job availability?	Р	Primary Importance
23	0 AgBusinessRating	What is the status of agricultural businesses?	Р	Primary Importance
24	0 AgInvestmentMoP	What is the \$ investment in agricultural support programs and other agricultural transactions?	Р	Primary Importance
24	2 AgPolicyChangeMoP	What is the progress in reforming agricultural policy?	Ρ	Primary Importance
22	9 AgProductionMoP	What is the level of agricultural production?	Ρ	Primary Importance
23	8 AgProductTransactionsLevelMoP	What is the level of purchases/sales of agricultural products (food, seed, etc.)?	Ρ	Primary Importance
51	2 AgricultureInfraCapacityDamagedMoP	What capacity of agriculture structures has been damaged?	Ρ	Primary Importance
49	8 AgricultureInfraCapacityRating	What is the capacity of agriculture structures?	Ρ	Primary Importance
51	0 AgricultureInfraCapacityRebuiltMoP	What capacity of agriculture structures has been rebuilt?	Ρ	Primary Importance
50	8 AgricultureInfraInvestmentMoP	What is the \$ investment in rebuilding agriculture structures?	Ρ	Primary Importance
50	9 AgricultureInfraJobsCreatedMoP	How many jobs have been created in rebuilding agriculture structures?	Ρ	Primary Importance
23	9 AgSupportActivityMoP	What is the activity level of agricultural support programs?	Ρ	Primary Importance
75	6 AirMovementDamageMoP	What is the damage from air movement (storms, blizzards, hurricanes, thunderstorms, tornados, etc.)?	S	Secondary Importance
65	6 AirportCapacityDamagedMoP	What capacity of the airport infrastructure has been damaged?	Ρ	Primary Importance
61	7 AirportCapacityRating	What is the capacity of the airport infrastructure?	Ρ	Primary Importance
63	8 AirportCapacityRebuiltMoP	What capacity of the airport infrastructure has been rebuilt?	Ρ	Primary Importance
63	6 AirportInvestmentMoP	What is the \$ investment in rebuilding the airport infrastructure?	Ρ	Primary Importance
63	7 AirportJobsCreatedMoP	How many jobs have been created in rebuilding the airport infrastructure?	Р	Primary Importance
41	6 AntiPopulationMovementActivitiesMoP	What is the level of activities to reduce the likelihood of population movements?	S	Secondary Importance
23	1 ArableLandCapacityRating	What is the capacity of arable land?	Ρ	Primary Importance
32	2 BasicNaturalResourceCapacityRating	What is the rating on the HN basic natural resources capacity?	Ρ	Primary Importance
25	3 BlackMarketActivityRating	How large, active, and pervasive are the black and gray markets?	Ρ	Primary Importance
65	2 BridgeAndTunnelCapacityDamagedMoP	What capacity of the bridge and tunnel infrastructure has been damaged?	Р	Primary Importance
61	4 BridgeAndTunnelCapacityRating	What is the capacity of the bridge and tunnel infrastructure?	Ρ	Primary Importance
63	0 BridgeAndTunnelCapacityRebuiltMoP	What capacity of the bridge and tunnel infrastructure has been rebuilt?	Ρ	Primary Importance
62	8 BridgeAndTunnelInvestmentMoP	What is the \$ investment in rebuilding the bridge and tunnel infrastructure?	Р	Primary Importance
62	9 BridgeAndTunnelJobsCreatedMoP	How many jobs have been created in rebuilding the bridge and tunnel infrastructure?	Ρ	Primary Importance

LOE Description

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- Nan	ne LOE Descr	iption		C	Offic Cite
Со	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
518	BusinessInfraCapacityDamagedMoP	What capacity of shops and	commercial structures has been damaged?	Р	Primary Importance
	BusinessInfraCapacityRating		s and commercial structures?	Р	Primary Importance
	BusinessInfraCapacityRebuiltMoP		commercial structures has been rebuilt?	Р	Primary Importance
514			rebuilding shops and commercial structures?		Primary Importance
	BusinessInfraJobsCreatedMoP		reated in rebuilding shops and commercial	P	Primary Importance
7	CentralAuthorityEffectivenessRating	How effectively does it gove capability, etc.), influence ev	rn: political capacity (tax collection vents?	Т	Tertiary Importance
378	CivilianHousingCapacityDamagedMoP	What is the capacity of civili	an housing that has been damaged?	Р	Primary Importance
350	CivilianHousingCapacityRating	What is the status of civilian	housing capacity?	Р	Primary Importance
372	CivilianHousingCapacityRebuiltMoP	What is the capacity of civili	an housing that has been rebuilt?	Р	Primary Importance
291	CommercialLawChangeMoP	What is the progress in refor	rming commercial law?	Р	Primary Importance
311	CommercialSectorRating	What is the economic health	of the overall commercial sector?	Р	Primary Importance
330	CommodityInvestmentMoP	What is the \$ investment in (buying and selling commod	direct external participation in the economy ities)?	Р	Primary Importance
123	ConflictPropertyDestructionRating	What is the property destruc	ction from conflict?	S	Secondary Importance
254	CorruptionInBusinessRating	What is the existing level of	corruption in business?	Р	Primary Importance
69	CorruptionInCentralAuthorityRating	What is the existing level of	corruption in the central authority?	Т	Tertiary Importance
317	CriticalIndustriesRating	What is the status of the cou	intry's critical industries?	Р	Primary Importance
275	CurrencyChangeMoP	What is the progress in refor	rming the currency?	S	Secondary Importance
664	DamsCapacityRating	What is the capacity of the c	lam infrastructure?	S	Secondary Importance
682	DamsInfraCapacityDamagedMoP	What capacity of the dam in	frastructure has been damaged?	Т	Tertiary Importance
676	DamsInfraCapacityRebuiltMoP	What capacity of the dam in	frastructure has been rebuilt?	S	Secondary Importance
	DamsInfraInvestmentMoP	What is the \$ investment in	rebuilding the dam infrastructure?	Р	Primary Importance
675	DamsInfraJobsCreatedMoP	How many jobs have been c	reated in rebuilding the dam infrastructure?	S	Secondary Importance
392	DeathAndIIInessFromHealthIssuesRating	What is the death and illness	s rate from disease or other health issues?	S	Secondary Importance
133	DemilZonesEtcActivityMoP	What is the progress in estal arms embargoes?	blishing demilitarized zones, sanctions, and	S	Secondary Importance
148	DemobilizedArmedForcesActivityRating	What is the number and inflution forces?	uence/activity rating of the demobilized	S	Secondary Importance
152	DemobProcessChangeMoP	What is the progress in dem military and paramilitary un	obilizing, reducing, and reintegrating its?	S	Secondary Importance
301	DischargedMilitaryJobsCreatedMoP	What is the number of jobs of	created for discharged military personnel?	Р	Primary Importance
300	DischargedMilitaryTrainedMoP	What is the progress in job t	raining for discharged military personnel?	Ρ	Primary Importance
60	DrugCrimeRating	What is the level of drug crir	ne?	S	Secondary Importance
244	DrugCropReductionMoP	What is the progress in redu	cing drug crops?	Р	Primary Importance
250	DrugCultivationRating	What is the drug cultivation	level?	Р	Primary Importance
251	DrugManufactureRating	What is the drug manufactu	re level?	Р	Primary Importance
252	DrugTransshipmentRating	What is the drug transshipm	ent level?	Р	Primary Importance
249	DrugUseRating	What is the drug use level?		S	Secondary Importance
769	EarthMovementDamageMoP	What is the damage from ea landslide/avalanche, volcan	• •	S	Secondary Importance
332	EconomicDamageActivityMoP	What is the level, intensity a	nd scope of damages on the economy?	Р	Primary Importance
321	EconomicFoundationRatingMoFE	What is the combined rating	for the economy and infrastructure?	Р	Primary Importance
289	EconomicIntegrationChangeMoP		omic integration and cooperation s and subsidies, debt management, arrears te, govt, international?	S	Secondary Importance
287	EconomicPolicyChangeMoP	What is the progress in refor	rming government economic policy?	S	Secondary Importance
318	EconomicStatisticsRating	What are the values of the v	arious economic statistics?	Р	Primary Importance
534	EducationInfraCapacityDamagedMoP	What capacity of the educat	ion infrastructure has been damaged?	Т	Tertiary Importance
528	EducationInfraCapacityRating	What is the capacity of the e	ducation infrastructure?	Р	Primary Importance
532	EducationInfraCapacityRebuiltMoP	What capacity of the educat	ion infrastructure has been rebuilt?	Р	Primary Importance
530	EducationInfraInvestmentMoP	What is the \$ investment in	rebuilding the education infrastructure?	Р	Primary Importance
531	EducationInfraJobsCreatedMoP	How many jobs have been constructure?	reated in rebuilding the education	Р	Primary Importance
005	EducationSuppliesProvidedMoP	What is the quantity of educ	ation supplies provided?	S	Secondary Importance

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LOE Description

С	onnections Source		Date		
Me	tID Class Name	Defining Question		Lev	Level Description
56	7 ElectricDistributionCapacityDamagedMoP	What capacity of the electric damaged?	c distribution infrastructure has been	Р	Primary Importance
54	5 ElectricDistributionCapacityRating		ectric distribution infrastructure?	Р	Primary Importance
55	5 ElectricDistributionCapacityRebuiltMoP	What capacity of the electric	distribution infrastructure has been rebuilt?	S	Secondary Importance
55	3 ElectricDistributionInvestmentMoP	What is the \$ investment in a infrastructure?	rebuilding the electric distribution	Р	Primary Importance
55	4 ElectricDistributionJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the electric distribution	Р	Primary Importance
56	5 ElectricProductionCapacityDamagedMoP	What capacity of the electric damaged?	production infrastructure has been	Р	Primary Importance
54	4 ElectricProductionCapacityRating	What is the capacity of the e	electric production infrastructure?	Р	Primary Importance
55	1 ElectricProductionCapacityRebuiltMoP		c production infrastructure has been rebuilt?	S	Secondary Importance
	9 ElectricProductionInvestmentMoP	infrastructure?	rebuilding the electric production	Р	Primary Importance
55	0 ElectricProductionJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the electric production	Р	Primary Importance
	8 EmploymentLevelRating	What is the employment leve		Р	Primary Importance
	9 EnergyBusinessRating	What is the status of the ene		Р	Primary Importance
	1 EnergyImportationChangeMoP	How much energy has been		T	Tertiary Importance
	8 EnergySupplyAndDistributionLevelRating		r energy supply and distribution?	S	Secondary Importance
	7 ExpatriatesActivityRating	living abroad?	uence of expatriates, migrants & refugees	P	Primary Importance
	4 ExternalGovtAdvisorsMoP	government (not counting R		S	Secondary Importance
	9 ExtractiveEnergyProductionCapacityDama gedMoP	been damaged?	ive energy production infrastructure has	Р	Primary Importance
	6 ExtractiveEnergyProductionCapacityRating		extractive energy production infrastructure?	P	Primary Importance
	9 ExtractiveEnergyProductionCapacityRebuil tMoP	been rebuilt?	ive energy production infrastructure has	S	Secondary Importance
	7 ExtractiveEnergyProductionInvestmentMo	infrastructure?	rebuilding the extractive energy production	P	Primary Importance
	8 ExtractiveEnergyProductionJobsCreatedM oP	production infrastructure?	reated in rebuilding the extractive energy	P	Primary Importance
	1 ExtractiveEnergyTransportCapacityDamag edMoP	been damaged?	ive energy transportation infrastructure has	P	Primary Importance
	7 ExtractiveEnergyTransportCapacityRating	infrastructure?	extractive energy transportation	P	Primary Importance
	3 ExtractiveEnergyTransportCapacityRebuilt MoP	been rebuilt?	ive energy transportation infrastructure has		Secondary Importance
	1 ExtractiveEnergyTransportInvestmentMoP	transportation infrastructure		P	Primary Importance
	2 ExtractiveEnergyTransportJobsCreatedMo P 7 EineneielCerviseeIndustryDation	transportation infrastructure		P	Primary Importance
	7 FinancialServicesIndustryRating	What is the status of the fina		Р	Primary Importance
	6 FinancialSystemRating	What is the overall rating for		Р	Primary Importance
	1 FireDamageMoP	What is the damage from fire		Р	Primary Importance
	0 FirstRespondersInvestmentMoP	What is the \$ investment in f	•	P	Primary Importance
	9 FirstRespondersJobsCreatedMoP	How many first responder jo		S	Secondary Importance
	4 FoodImportedMoP	What is the quantity of food	•	S T	Secondary Importance
	5 FoodSupplyRating	What is the rating on the ava		T	Tertiary Importance
	9 ForeignInvestmentLevelRating	What is the level of foreign in		Р т	Primary Importance
	3 FreedomOfDomesticMediaRating	What is the level of freedom		T T	Tertiary Importance
	5 FreedomOfInternationalMediaRating	country?	of the international media within the	T	Tertiary Importance
	9 FreedomOfMovementRating	(politically restricted, tied to	eedom of movement of the populace the land, free to move, etc.)?	S	Secondary Importance
	9 GeneralEconomyRatingMoFE	What is the rating for the ov		Р	Primary Importance
	3 GeneralEnergyInfraCapacityRating		eneral energy infrastructure?	Р	Primary Importance
32	0 GeneralInfrastructureRatingMoFE	What is the rating for the ov	erall infrastructure?	Р	Primary Importance

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-	Me	tID Class Name	Defining Question		Lev	Level Description
	39	0 GeneralJobsCreatedMoP	What is the number of jobs of training and counseling)?	created through job help programs (skills	Р	Primary Importance
	42	7 GeneralPopulationActivityRating	•	al population and the extent of its influence?	S	Secondary Importance
	9	1 GovtCorruptionMonitoringMoP	What is the level of monitor	ing for corruption by government officials	Т	Tertiary Importance
	28	3 GovtEconomicPolicyRating	What is the overall rating on	the HN government's economic policy?	S	Secondary Importance
	47	9 GovtLiaisonProgramActivitiesMoP	What is the level of activity i	n liaison with he HN government?	Т	Tertiary Importance
	1	6 GovtPersonnelEducatedChangeMoP	What is the progress in educ government staff, etc.?	ating civil service, legislative staff, local	S	Secondary Importance
	58	5 GovtStructuresCapacityDamagedMoP	What capacity of the govern	ment infrastructure has been damaged?	S	Secondary Importance
	57	3 GovtStructuresCapacityRating	What is the capacity of the g	overnment infrastructure?	S	Secondary Importance
	57	9 GovtStructuresCapacityRebuiltMoP	What capacity of the govern	ment infrastructure has been rebuilt?	Р	Primary Importance
	57	7 GovtStructuresInvestmentMoP	What is the \$ investment in	rebuilding the government infrastructure?	Р	Primary Importance
	57	8 GovtStructuresJobsCreatedMoP	How many jobs have been con infrastructure?	reated in rebuilding the government	Ρ	Primary Importance
	2	8 GovtSuppliesDeliveredMoP	What amount of governmen and parts of government?	t supplies has been delivered for all levels	Т	Tertiary Importance
	21	6 HAActivityMoP	What is the activity level/int operations?	ensity of Humanitarian Assistance	Т	Tertiary Importance
	40	0 HealthCareProjectsChangeMoP	What is the progress in heal	th care projects?	S	Secondary Importance
	54	1 HealthInfraCapacityDamagedMoP	What capacity of the health	infrastructure has been damaged?	Т	Tertiary Importance
	53	5 HealthInfraCapacityRating	What is the capacity of the h	nealth infrastructure?	S	Secondary Importance
	53	9 HealthInfraCapacityRebuiltMoP		infrastructure has been rebuilt?	S	Secondary Importance
	53	7 HealthInfraInvestmentMoP		rebuilding the health infrastructure?	Р	Primary Importance
	53	8 HealthInfraJobsCreatedMoP	How many jobs have been cl infrastructure?	reated in rebuilding the health	Р	Primary Importance
	39	6 IllnessCausedByFamineEpidemicMoP	What is the level of illness ca famine, epidemic, etc.?	aused by health emergencies, such as	Ρ	Primary Importance
	46	0 InformationAvailabilityRating	What is the availability level	of information to the public?	S	Secondary Importance
	27	1 InsuranceSystemChangeMoP	What is the progress in refor systems)?	rming the insurance system (and related	S	Secondary Importance
	26	8 InsuranceSystemRating	What is the status of the inst	urance system	Р	Primary Importance
	16	4 IntelServiceInvestmentMoP	What is the \$ investment in	intelligence personnel?	Р	Primary Importance
		3 IntelServiceJobsCreatedMoP	How many intelligence servi	ces jobs have been created?	S	Secondary Importance
	27	3 InterbanksPaymentSystemChangeMoP	What is the progress in refore its related pieces)?	rming the interbanks payment system (and	S	Secondary Importance
	27	7 InvestmentCapitalActionsMoP		in seeking investment capital for the country?	Р	Primary Importance
	38	0 JobRelatedEducationalSystemRating		educational system to produce job-worthy ral knowledge and skills level and at the skills level)?	S	Secondary Importance
	46	7 JournalistTrainingAndProfessionalizationA ctivityMoP	What is the activity level for professionalization projects?	sponsoring journalist training and ?	Т	Tertiary Importance
	30	9 KeyLeaderBusinessRating	What is the influence of eacl		Р	Primary Importance
	30	8 KeyLeaderEconomicDecisionMakingRating	What is the process and qua making?	lity of key economic leaders decision	Ρ	Primary Importance
	38	1 KeyLeaderEducationRating	What is the influence of eacl	h key education leader?	Р	Primary Importance
	34	4 KeyLeaderNGORating	What is the influence of eacl	h key NGO leader?	Т	Tertiary Importance
	3	8 KeyLeaderPoliticalDecisionMakingRating	What is the process and qua	lity of key political leaders decision making?	Т	Tertiary Importance
	4	2 KeyLeaderPoliticalRating	What is the influence of eacl	h key political leader?	Т	Tertiary Importance
	43	5 KeyLeaderSocialRating	What is the influence of eacl	h key social leader?	Т	Tertiary Importance
	43	6 KeyLeaderSpiritualRating	What is the influence of eacl	h key spiritual leader?	Т	Tertiary Importance
	76	3 LandCharacterizationRating	How is the terrain character etc.)?	ized (trafficability, cover, vegatation type,	S	Secondary Importance
	8	2 LawEnforcementJobsCreatedMoP	How many police jobs have	been created?	S	Secondary Importance
	8	3 LawEnforcementOfficerInvestmentMoP	What is the \$ investment in	policemen?	Р	Primary Importance
	70	0 LogisticsAcquiredMoP	What quantity has been acq	uired?	S	Secondary Importance
	70	4 LogisticsDistributedMoP	What quantity has been dist	ributed?	S	Secondary Importance
	70	8 LogisticsMovedInAirMoP	What quantity has been mov	ved in the air?	S	Secondary Importance
	70	6 LogisticsMovedOnGroundMoP	What quantity has been mov	ved on the ground?	S	Secondary Importance

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	Metl	D Class Name	Defining Question		Lev	Level Description
	710	LogisticsMovedOnWaterMoP	What quantity has been mov	ved on water?	S	Secondary Importance
	712	LogisticsMovedUnderWaterMoP	What quantity has been mov	ved under water?	S	Secondary Importance
	702	LogisticsWarehousedMoP	What quantity has been war	ehoused?	S	Secondary Importance
	775	ManmadeDisasterDamageMoP	What is the damage from manager hazardous materials, etc.)?	anmade disasters (nuclear powerplant,	Ρ	Primary Importance
	506	ManufacturingInfraCapacityDamagedMoP	What capacity of manufactu	ring structures has been damaged?	Р	Primary Importance
	497	ManufacturingInfraCapacityRating	What is the capacity of man	ufacturing structures?	Р	Primary Importance
	504	ManufacturingInfraCapacityRebuiltMoP	What capacity of manufactu	ring structures has been rebuilt?	Р	Primary Importance
	502	ManufacturingInfraInvestmentMoP	What is the \$ investment in	rebuilding manufacturing structures?	Р	Primary Importance
	503	ManufacturingInfraJobsCreatedMoP	How many jobs have been constructures?	reated in rebuilding manufacturing	Ρ	Primary Importance
	310	MarketsRating	What is the (economic) effic	iency of the markets in goods and services?	Р	Primary Importance
	312	MediaBusinessRating	What is the status of media	businesses?	Р	Primary Importance
	525	MediaInfraCapacityDamagedMoP	What capacity of the media	infrastructure has been damaged?	Р	Primary Importance
	519	MediaInfraCapacityRating	What is the capacity of the n	nedia infrastructure?	Р	Primary Importance
	523	MediaInfraCapacityRebuiltMoP	What capacity of the media	infrastructure has been rebuilt?	Р	Primary Importance
	521	MediaInfraInvestmentMoP	What is the \$ investment in	rebuilding the media infrastructure?	Р	Primary Importance
	522	MediaInfraJobsCreatedMoP	How many jobs have been constructure?	reated in rebuilding the media	Р	Primary Importance
	398	MedicalTreatmentProvidedMoP	What is the quantity of med	ical treatment provided?	S	Secondary Importance
	279	MicrofinanceSystemChangeMoP		ming microfinance systems?	Р	Primary Importance
	403	MigrantsActivityRating	What is the number and influ (due to pull factors)?	uence of migrants from outside the country	Р	Primary Importance
	158	MilitaryInvestmentMoP	What is the \$ investment in	military personnel?	Р	Primary Importance
	157	MilitaryJobsCreatedMoP	How many military jobs have	e been created?	S	Secondary Importance
	587	MilitaryStructuresCapacityDamagedMoP	What capacity of the militar	y infrastructure has been damaged?	Т	Tertiary Importance
	574	MilitaryStructuresCapacityRating	What is the capacity of the n	nilitary infrastructure?	S	Secondary Importance
	583	MilitaryStructuresCapacityRebuiltMoP	What capacity of the militar	y infrastructure has been rebuilt?	S	Secondary Importance
	581	MilitaryStructuresInvestmentMoP	What is the \$ investment in	rebuilding the military infrastructure?	Р	Primary Importance
	582	MilitaryStructuresJobsCreatedMoP	How many jobs have been constructure?	reated in rebuilding the military	Ρ	Primary Importance
	593	MilitaryVehiclesCapacityDamagedMoP	What capacity of the militar	y vehicles has been damaged?	Т	Tertiary Importance
	575	MilitaryVehiclesCapacityRating	What is the capacity of the n	nilitary vehicles?	S	Secondary Importance
	591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the militar	y vehicles has been rebuilt/replaced?	S	Secondary Importance
	589	MilitaryVehiclesInvestmentMoP	What is the \$ investment in	rebuilding/replacing the military vehicles?	S	Secondary Importance
	590	MilitaryVehiclesJobsCreatedMoP	How many jobs have been co vehicles?	reated in rebuilding/replacing the military	Р	Primary Importance
	265	MonetaryHealthRating	What is the health of the HN	money (inflation, deflation, etc.)?	Р	Primary Importance
	764	NaturalFeaturesRating	How are natural features re	presented (rivers, mountains, etc.)?	S	Secondary Importance
	324	NaturalResourceManagementChangeMoP	What is the progress in man	aging the natural resources?	Т	Tertiary Importance
	767	NaturalResourcesRating	How are natural resources r	epresented?	Р	Primary Importance
	368	NGOActivityCoordinationActivitiesMoP	What is the level of coordina with intervenors)?	ation of NGO activities (among NGOs and	Т	Tertiary Importance
	343	NGOActivityRating	What are the number, sizes Governmental Organization	and influence levels of the Non- s?	Т	Tertiary Importance
	658	NonMilVehiclesCapacityDamagedMoP	What capacity of the non-mi	litary vehicles has been damaged?	Р	Primary Importance
	618	NonMilVehiclesCapacityRating	What is the capacity of the r	on-military vehicles?	Р	Primary Importance
	642	NonMilVehiclesCapacityRebuiltMoP	What capacity of the non-mi	litary vehicles has been rebuilt/replaced?	Р	Primary Importance
	640	NonMilVehiclesInvestmentMoP	What is the \$ investment in vehicles?	rebuilding/replacing the non-military	Р	Primary Importance
	641	NonMilVehiclesJobsCreatedMoP	How many jobs have been comilitary vehicles?	reated in rebuilding/replacing the non-	Ρ	Primary Importance
	191	NonNationStateActorsFundingRating	•	for each non-nation state actor?	Т	Tertiary Importance
	206	$NonNationStateActorsPopulationSupportC\\hangeMoP$	What is the level of activity t support for non-nation state	to identify financial, institutional and local actors and disrupt it?	Т	Tertiary Importance
	193	NonNationStateActorsPopulationSupportR ating	What is the level of popular	support for each non-nation state actor?	Т	Tertiary Importance

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Metll	D Class Name	Defining Question		Lev	Level Description
61	OrganizedCrimeRating	What is the level of organize	od crime?	s	Secondary Importance
	PerceptionByPeopleThatTheirInterestsAre RepresentedRating	•	people that their interests are represented?		Secondary Importance
214	PiracyActivityMoP	What is the activity level/inf	ensity of piracy and anti-piracy operations?	т	Tertiary Importance
347	PollutionRating	What is the rating on polluti	on (individual, agricultural, industrial)?	Т	Tertiary Importance
362	PollutionReductionProjectsMoP	What is the progress in pollu	ution reduction projects?	S	Secondary Importance
346	PotableWaterSupplyRating	What is the rating on the av	ailability of potable water?	Т	Tertiary Importance
757	PrecipitationRating	What is the precipitation lev	rel, drought/flood status?	S	Secondary Importance
72	PrisonStructureAdequacyRating	How adequate is the HN pris	son structure?	S	Secondary Importance
285	PrivatizationChangeMoP	What is the progress in priva	atizing governmnet run businesses?	S	Secondary Importance
97	PropertyLawChangeMoP	What is the progress in refo	rming property laws and procedures?	S	Secondary Importance
351	PropertyRightsAccessRating	What is the status of proper	ty rights and access?	S	Secondary Importance
461	PublicRecordsTransparencyRating		ting for government information (records orting (push), transparency, etc.)?	Т	Tertiary Importance
304	PublicWorksInvestmentMoP	What is the \$ investment in	public works programs?	Р	Primary Importance
303	PublicWorksJobsCreatedMoP	What is the number of jobs	created by public works programs?	Р	Primary Importance
650	RailroadCapacityDamagedMoP	What capacity of the railroa	d infrastructure has been damaged?	Р	Primary Importance
613	RailroadCapacityRating	What is the capacity of the r	ailroad infrastructure?	Р	Primary Importance
626	RailroadCapacityRebuiltMoP	What capacity of the railroa	d infrastructure has been rebuilt?	Р	Primary Importance
624	RailroadInvestmentMoP	What is the \$ investment in	rebuilding the railroad infrastructure?	Р	Primary Importance
625	RailroadJobsCreatedMoP	How many jobs have been c infrastructure?	reated in rebuilding the railroad	Р	Primary Importance
448	RebuildSenseOfCommunityActivitiesMoP	What is the level of activity	n rebuilding a sense of community?	Т	Tertiary Importance
405	RefugeeCampsCapacityRating	What is the capacity of refu	gee camps?	Т	Tertiary Importance
446	ReligiousBuildingsCapacityDamagedMoP	What is the capacity of relig	ious buildings that has been damaged?	Р	Primary Importance
438	ReligiousBuildingsCapacityRating	What is the capacity of relig	ious buildings?	Р	Primary Importance
444	ReligiousBuildingsCapacityRebuildingMoP	What is the capacity of relig	ious buildings that has been rebuilt?	Р	Primary Importance
408	ReturnOfExpatriatesRating	What is the level of returnin	g of expatriates?	S	Secondary Importance
648	RoadCapacityDamagedMoP	What capacity of the road in	frastructure has been damaged?	Р	Primary Importance
612	RoadCapacityRating	What is the capacity of the r	oad infrastructure?	Р	Primary Importance
622	RoadCapacityRebuiltMoP	What capacity of the road in	frastructure has been rebuilt?	Ρ	Primary Importance
620	RoadInvestmentMoP	What is the \$ investment in	rebuilding the road infrastructure?	Р	Primary Importance
621		,,	reated in rebuilding the road infrastructure?	Р	Primary Importance
	SanitationAndWasteWaterProjectsChange MoP	What is the progress on san	itation and waste water projects?	S	Secondary Importance
	SatisfactionOfHealthRequirementsRating		ion of the people's health requirements?	Т	Tertiary Importance
654	SeaportCapacityDamagedMoP	What capacity of the seapor	t infrastructure has been damaged?	Р	Primary Importance
	SeaportCapacityRating	What is the capacity of the s	•	Р	Primary Importance
	SeaportCapacityRebuiltMoP		t infrastructure has been rebuilt?	Р	Primary Importance
	SeaportInvestmentMoP		rebuilding the seaport infrastructure?	Р	Primary Importance
	SeaportJobsCreatedMoP	infrastructure?	reated in rebuilding the seaport	Р	Primary Importance
	SeastateRating	How is seastate represented		S	Secondary Importance
	SecurityForHAActivityMoP	Assistance operations ongoi	•	Т	Tertiary Importance
	SocialProtectionProgramsActivityMoP	•	n providing social protection programs?	Р	Primary Importance
	SocialSafetyNetChangeMoP	What is the progress in refo	• •	S	Secondary Importance
	SocialServicesAdequacyRating	throughout society) and effe		S	Secondary Importance
	StockMarketChangeMoP		rming the stock and commodity markets?	S	Secondary Importance
	TaxAndTradeChangeMoP		rming tax and trade type policies?	Р	Primary Importance
	TeacherJobsCreatedMoP	What is the number of teach	•	Р	Primary Importance
	TeachersTrainedMoP	What is the progress in trair	•	S	Secondary Importance
		What is the temperature, he	eat/cold wave status?	S	Secondary Importance
	TimeOfDayIndicator	What is the time of day?		S	Secondary Importance
316	TourismIndustryRating	What is the status of the tou	irism industry?	Р	Primary Importance

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	MetI	D Class Name	Defining Question		Lev	Level Description
	315	TransportBusinessRating	What is the status of the tra	nsportation businesses?	s	Secondary Importance
		TransportInfraCapacityRating		eneral transportation infrastructure?	Р	Primary Importance
		WaterAndSewageTreatmentInfraCapacityD amagedMoP		and sewage treatment infrastructure has	T	Tertiary Importance
	663	WaterAndSewageTreatmentInfraCapacityR ating	•	vater and sewage treatment infrastructure?	S	Secondary Importance
	672	WaterAndSewageTreatmentInfraCapacityR ebuiltMoP	What capacity of the water a been rebuilt?	and sewage treatment infrastructure has	S	Secondary Importance
	670	WaterAndSewageTreatmentInfraInvestme ntMoP		rebuilding the water and sewage treatment	Р	Primary Importance
	671	$Water {\it And Sewage Treatment Infra Jobs Creat} ed {\it MoP}$	How many jobs have been classified treatment infrastructure?	reated in rebuilding the water and sewage	S	Secondary Importance
	358	WaterDistributedMoP	What is the quantity of wate	er distributed?	Т	Tertiary Importance
	678	WaterDistributionInfraCapacityDamagedM oP	What capacity of the water damaged?	distribution infrastructure has been	Т	Tertiary Importance
	662	WaterDistributionInfraCapacityRating		vater distribution infrastructure?	S	Secondary Importance
		WaterDistributionInfraCapacityRebuiltMoP		distribution infrastructure has been rebuilt?	S	Secondary Importance
		WaterDistributionInfraInvestmentMoP	1 3	rebuilding the water distribution	P	Primary Importance
		WaterDistributionInfraJobsCreatedMoP	infrastructure?	reated in rebuilding the water distribution	s	Secondary Importance
		WaterMovementDamageMoP	infrastructure?	ater movement (flood/dam failure, tsunami,	з Р	Primary Importance
	110	Water me verner ne anager ner	seiche, etc.)?		•	
	660	WaterwaysCapacityDamagedMoP	What capacity of the waterw	vays infrastructure has been damaged?	Р	Primary Importance
	646	WaterwaysCapacityRebuiltMoP	What capacity of the waterv	vays infrastructure has been rebuilt?	Р	Primary Importance
	644	WaterwaysInvestmentMoP	What is the \$ investment in	rebuilding the waterways infrastructure?	Р	Primary Importance
		WaterwaysJobsCreatedMoP		reated in rebuilding the waterways	Ρ	Primary Importance
	137	WeaponsControlActivityMoP	What is the progress in impl	ementing weapons control regimes?	S	Secondary Importance
		WorkersOrganizationActivityRating		nfluence of worker organizations?	Р	Primary Importance
		ley Notional Model		05/31/2011		
	297	AcceptableJobAvailabilityRating	What is the level of acceptal	ble iob availability?	m	Model Implied Connection to
		AdministrationOfJusticeEffectivenessAndF	How effective and fair is the	, ,	m	Model Implied Connection to
		airnessRating	now chective and fair 15 the			model implied oblineetion te
		AgInvestmentMoP	What is the \$ investment in agricultural transactions?	agricultural support programs and other	ХХ	Direct Connection to LOE Tas
	242	AgPolicyChangeMoP	What is the progress in refo	rming agricultural policy?	х	Implied Connection to LOE
		AgProductionMoP	What is the level of agricultu		m	Model Implied Connection to
		AgProductTransactionsLevelMoP		es/sales of agricultural products (food, seed,	ХХ	Direct Connection to LOE Tas
	498	AgricultureInfraCapacityRating	What is the capacity of agric	ulture structures?	m	Model Implied Connection to
	510	AgricultureInfraCapacityRebuiltMoP		structures has been rebuilt?	х	Implied Connection to LOE
	508	AgricultureInfraInvestmentMoP		rebuilding agriculture structures?	х	Implied Connection to LOE
		AgricultureInfraJobsCreatedMoP		reated in rebuilding agriculture structures?	х	Implied Connection to LOE
		AgSupportActivityMoP		agricultural support programs?	XX	Direct Connection to LOE Tas
		AirportCapacityRating	What is the capacity of the a		m	Model Implied Connection to
	- · /	· ····································				·
	638	AirportCapacityRebuiltMoP	What capacity of the airport	infrastructure has been rebuilt?	XХ	Direct Connection to LOF Tax
		AirportCapacityRebuiltMoP		infrastructure has been rebuilt?	XX XX	
	636	AirportCapacityRebuiltMoP AirportInvestmentMoP AirportJobsCreatedMoP	What is the \$ investment in How many jobs have been c	infrastructure has been rebuilt? rebuilding the airport infrastructure? reated in rebuilding the airport	XX XX XX	Direct Connection to LOE Tas
	636 637	AirportInvestmentMoP AirportJobsCreatedMoP	What is the \$ investment in How many jobs have been co infrastructure?	rebuilding the airport infrastructure? reated in rebuilding the airport	XX XX	Direct Connection to LOE Tas Direct Connection to LOE Tas
	636 637 614	AirportInvestmentMoP AirportJobsCreatedMoP BridgeAndTunnelCapacityRating	What is the \$ investment in How many jobs have been c infrastructure? What is the capacity of the b	rebuilding the airport infrastructure? reated in rebuilding the airport ridge and tunnel infrastructure?	XX XX m	Direct Connection to LOE Tas Direct Connection to LOE Tas Model Implied Connection to
	636 637 614 630	AirportInvestmentMoP AirportJobsCreatedMoP BridgeAndTunnelCapacityRating	What is the \$ investment in How many jobs have been of infrastructure? What is the capacity of the b What capacity of the bridge What is the \$ investment in	rebuilding the airport infrastructure? reated in rebuilding the airport	XX XX	Direct Connection to LOE Tas Direct Connection to LOE Tas Direct Connection to LOE Tas Model Implied Connection to Direct Connection to LOE Tas Direct Connection to LOE Tas
	636 637 614 630 628	AirportInvestmentMoP AirportJobsCreatedMoP BridgeAndTunnelCapacityRating BridgeAndTunnelCapacityRebuiltMoP	What is the \$ investment in How many jobs have been of infrastructure? What is the capacity of the bridge What is the \$ investment in infrastructure? How many jobs have been of	rebuilding the airport infrastructure? reated in rebuilding the airport ridge and tunnel infrastructure? and tunnel infrastructure has been rebuilt?	XX XX m XX	Direct Connection to LOE Tas Direct Connection to LOE Tas Model Implied Connection to Direct Connection to LOE Tas Direct Connection to LOE Tas
	636 637 614 630 628 629	AirportInvestmentMoP AirportJobsCreatedMoP BridgeAndTunnelCapacityRating BridgeAndTunnelCapacityRebuiltMoP BridgeAndTunnelInvestmentMoP BridgeAndTunnelJobsCreatedMoP	What is the \$ investment in How many jobs have been clinfrastructure? What is the capacity of the bridge What is the \$ investment in infrastructure? How many jobs have been clinfrastructure?	rebuilding the airport infrastructure? reated in rebuilding the airport ridge and tunnel infrastructure? and tunnel infrastructure has been rebuilt? rebuilding the bridge and tunnel reated in rebuilding the bridge and tunnel	XX XX m XX XX XX	Direct Connection to LOE Tas Direct Connection to LOE Tas Model Implied Connection to Direct Connection to LOE Tas Direct Connection to LOE Tas Direct Connection to LOE Tas
	636 637 614 630 628 629 496	AirportInvestmentMoP AirportJobsCreatedMoP BridgeAndTunnelCapacityRating BridgeAndTunnelCapacityRebuiltMoP BridgeAndTunnelInvestmentMoP	What is the \$ investment in How many jobs have been cl infrastructure? What is the capacity of the bridge What capacity of the bridge What is the \$ investment in infrastructure? How many jobs have been cl infrastructure? What is the capacity of shop	rebuilding the airport infrastructure? reated in rebuilding the airport ridge and tunnel infrastructure? and tunnel infrastructure has been rebuilt? rebuilding the bridge and tunnel	XX XX m XX XX	Direct Connection to LOE Tas Direct Connection to LOE Tas Model Implied Connection to Direct Connection to LOE Tas Direct Connection to LOE Tas

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	MetI	D Class Name	Defining Question	Lev	Level Description
	514	BusinessInfraInvestmentMoP	What is the \$ investment in rebuilding shops and commercial structures?	х	Implied Connection to LOE
	515	BusinessInfraJobsCreatedMoP	How many jobs have been created in rebuilding shops and commercial structures?	х	Implied Connection to LOE
	7	CentralAuthorityEffectivenessRating	How effectively does it govern: political capacity (tax collection capability, etc.), influence events?	m	Model Implied Connection to
	350	CivilianHousingCapacityRating	What is the status of civilian housing capacity?	m	Model Implied Connection to
	372	CivilianHousingCapacityRebuiltMoP	What is the capacity of civilian housing that has been rebuilt?	х	Implied Connection to LOE
	748	CommandAndControlEstablishedMoP	What command and control processes have been established?	х	Implied Connection to LOE
	291	CommercialLawChangeMoP	What is the progress in reforming commercial law?	ΧХ	Direct Connection to LOE Tasks
	330	CommodityInvestmentMoP	What is the \$ investment in direct external participation in the economy (buying and selling commodities)?	х	Implied Connection to LOE
	746	CommunicationsEstablishedMoP	What communications capability has been established?	х	Implied Connection to LOE
	69	CorruptionInCentralAuthorityRating	What is the existing level of corruption in the central authority?	m	Model Implied Connection to
	68	CorruptionInLawEnforcementRating	What is the existing level of corruption in law enforcement organizations?	m	Model Implied Connection to
	67	CorruptionInSocialServicesRating	What is the existing level of corruption in the government social services?	m	Model Implied Connection to
	317	CriticalIndustriesRating	What is the status of the country's critical industries?	m	Model Implied Connection to
		CurrencyChangeMoP	What is the progress in reforming the currency?	ХΧ	Direct Connection to LOE Tasks
		DamsCapacityRating	What is the capacity of the dam infrastructure?	m	Model Implied Connection to
		DamsInfraCapacityRebuiltMoP	What capacity of the dam infrastructure has been rebuilt?	Х	Implied Connection to LOE
		DamsInfraInvestmentMoP	What is the \$ investment in rebuilding the dam infrastructure?	х	Implied Connection to LOE
		DamsInfraJobsCreatedMoP	How many jobs have been created in rebuilding the dam infrastructure?	х	Implied Connection to LOE
		DemobilizedArmedForcesActivityRating	What is the number and influence/activity rating of the demobilized forces?	m	Model Implied Connection to
	34	DiplomaticActionsMoP	What is the level of diplomatic actions to and from the HN government, internal & external (communications, making alliances, etc.)?	х	Implied Connection to LOE
		DischargedMilitaryJobsCreatedMoP	What is the number of jobs created for discharged military personnel?	х	Implied Connection to LOE
	300	DischargedMilitaryTrainedMoP	What is the progress in job training for discharged military personnel?	х	Implied Connection to LOE
	244	DrugCropReductionMoP	What is the progress in reducing drug crops?	х	Implied Connection to LOE
		DurableGoodsDistributedMoP	What is the quantity of non-food and non-water relief items distributed?	XX	Direct Connection to LOE Tasks
		EconomicFoundationRatingMoFE	What is the combined rating for the economy and infrastructure?	XX	Direct Connection to LOE Tasks
	289	EconomicIntegrationChangeMoP	What is the progress in economic integration and cooperation (strategy/assessment, prices and subsidies, debt management, arrears clearance, etc.) across private, govt, international?	XX	Direct Connection to LOE Tasks
	287	EconomicPolicyChangeMoP	What is the progress in reforming government economic policy?	ΧХ	Direct Connection to LOE Tasks
	528	EducationInfraCapacityRating	What is the capacity of the education infrastructure?	m	Model Implied Connection to
	532	EducationInfraCapacityRebuiltMoP	What capacity of the education infrastructure has been rebuilt?	х	Implied Connection to LOE
	530	EducationInfraInvestmentMoP	What is the \$ investment in rebuilding the education infrastructure?	Х	Implied Connection to LOE
	531	EducationInfraJobsCreatedMoP	How many jobs have been created in rebuilding the education infrastructure?	х	Implied Connection to LOE
	385	EducationSuppliesProvidedMoP	What is the quantity of education supplies provided?	ΧХ	Direct Connection to LOE Tasks
	545	ElectricDistributionCapacityRating	What is the capacity of the electric distribution infrastructure?	m	Model Implied Connection to
	555	ElectricDistributionCapacityRebuiltMoP	What capacity of the electric distribution infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
	553	ElectricDistributionInvestmentMoP	What is the \$ investment in rebuilding the electric distribution infrastructure?	ХХ	Direct Connection to LOE Tasks
	554	ElectricDistributionJobsCreatedMoP	How many jobs have been created in rebuilding the electric distribution infrastructure?	ХХ	Direct Connection to LOE Tasks
	544	ElectricProductionCapacityRating	What is the capacity of the electric production infrastructure?	m	Model Implied Connection to
	551	ElectricProductionCapacityRebuiltMoP	What capacity of the electric production infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
	549	ElectricProductionInvestmentMoP	What is the \$ investment in rebuilding the electric production infrastructure?	ХХ	Direct Connection to LOE Tasks
	550	ElectricProductionJobsCreatedMoP	How many jobs have been created in rebuilding the electric production infrastructure?	ХХ	Direct Connection to LOE Tasks
	14	ExternalGovtAdvisorsMoP	What is the number & influence of external advisors to the HN government (not counting Rule of Law advisors)?	х	Implied Connection to LOE
	546	ExtractiveEnergyProductionCapacityRating	What is the capacity of the extractive energy production infrastructure?	m	Model Implied Connection to

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LOE Description

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Cor	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
559	ExtractiveEnergyProductionCapacityRebuil tMoP	What capacity of the extract been rebuilt?	ive energy production infrastructure has	хх	Direct Connection to LOE Tasks
557	ExtractiveEnergyProductionInvestmentMo P		rebuilding the extractive energy production	ХХ	Direct Connection to LOE Tasks
558	ExtractiveEnergyProductionJobsCreatedM oP		reated in rebuilding the extractive energy	ХХ	Direct Connection to LOE Tasks
547	ExtractiveEnergyTransportCapacityRating	What is the capacity of the e infrastructure?	xtractive energy transportation	m	Model Implied Connection to
563	ExtractiveEnergyTransportCapacityRebuilt MoP	What capacity of the extract been rebuilt?	ive energy transportation infrastructure has	ХХ	Direct Connection to LOE Tasks
561	ExtractiveEnergyTransportInvestmentMoP	What is the \$ investment in transportation infrastructure	rebuilding the extractive energy e?	ХХ	Direct Connection to LOE Tasks
562	ExtractiveEnergyTransportJobsCreatedMo P	How many jobs have been cr transportation infrastructure	reated in rebuilding the extractive energy e?	ХХ	Direct Connection to LOE Tasks
266	FinancialSystemRating	What is the overall rating for	r the financial system?	m	Model Implied Connection to
356	FoodDistributedMoP	What is the quantity of food	distributed?	ΧХ	Direct Connection to LOE Tasks
354	FoodImportedMoP	What is the quantity of food	imported?	ΧХ	Direct Connection to LOE Tasks
345	FoodSupplyRating	What is the rating on the ava	ailable food supply?	m	Model Implied Connection to
	ForceSecurityActivityMoP	5	curity provided to allow prosecuting other	х	Implied Connection to LOE
269	ForeignInvestmentLevelRating	What is the level of foreign i	nvestment in the country?	m	Model Implied Connection to
463	FreedomOfDomesticMediaRating	What is the level of freedom	of domestic media?	m	Model Implied Connection to
	GeneralEconomyRatingMoFE	What is the rating for the ov		х	Implied Connection to LOE
	GeneralInfrastructureRatingMoFE	What is the rating for the ov		x	Implied Connection to LOE
	GeneralJobsCreatedMoP		created through job help programs (skills	x	Implied Connection to LOE
370	General Jobson eated wor	training and counseling)?	a cated thiough job help programs (skins	^	Implied connection to LOL
91	GovtCorruptionMonitoringMoP	What is the level of monitori	ng for corruption by government officials	Х	Implied Connection to LOE
106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitim	acy level of the HN government?	m	Model Implied Connection to
479	GovtLiaisonProgramActivitiesMoP	What is the level of activity i	n liaison with he HN government?	х	Implied Connection to LOE
16	GovtPersonnelEducatedChangeMoP	What is the progress in educ government staff, etc.?	ating civil service, legislative staff, local	х	Implied Connection to LOE
573	GovtStructuresCapacityRating	What is the capacity of the g	overnment infrastructure?	m	Model Implied Connection to
579	GovtStructuresCapacityRebuiltMoP	What capacity of the govern	ment infrastructure has been rebuilt?	х	Implied Connection to LOE
577	GovtStructuresInvestmentMoP	What is the \$ investment in	rebuilding the government infrastructure?	х	Implied Connection to LOE
578	GovtStructuresJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the government	х	Implied Connection to LOE
28	GovtSuppliesDeliveredMoP	What amount of governmen and parts of government?	t supplies has been delivered for all levels	ХХ	Direct Connection to LOE Tasks
216	HAActivityMoP	What is the activity level/int operations?	ensity of Humanitarian Assistance	х	Implied Connection to LOE
	HealthCareProjectsChangeMoP	What is the progress in healt		XX	Direct Connection to LOE Tasks
535	HealthInfraCapacityRating	What is the capacity of the h	ealth infrastructure?	m	Model Implied Connection to
539	HealthInfraCapacityRebuiltMoP	What capacity of the health	infrastructure has been rebuilt?	Х	Implied Connection to LOE
537	HealthInfraInvestmentMoP	What is the \$ investment in	rebuilding the health infrastructure?	х	Implied Connection to LOE
538	HealthInfraJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the health	х	Implied Connection to LOE
150	HNMilitaryEffectivenessRatingMoFE		ganization, oversight, capacity, training scipline, recruiting) of the HN military?	m	Model Implied Connection to
	HumanitarianReliefStockPrepositionedMo P	prepositioned?	anitarian relief stocks that have been	ХХ	Direct Connection to LOE Tasks
	IIInessCausedByFamineEpidemicMoP	famine, epidemic, etc.?	aused by health emergencies, such as	XX	Direct Connection to LOE Tasks
477	InformationCollectionActivitiesMoP		nformation collection and processing?	х	Implied Connection to LOE
481	InformationControl&DisseminationActiviti esMoP	-	nformation control & dissemination?	х	Implied Connection to LOE
271	, , , , , , , , , , , , , , , , , , ,	systems)?	ming the insurance system (and related	ХХ	Direct Connection to LOE Tasks
196	InsurgentsActivityRating	What is the number and influence	uence/activity rating of the insurgents?	m	Model Implied Connection to

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LOE Description

Con	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
273	InterbanksPaymentSystemChangeMoP	What is the progress in refor its related pieces)?	ming the interbanks payment system (and	хх	Direct Connection to LOE Tasks
144	InterventionForcesActivityRating	• •	ence/activity rating of the intervention	m	Model Implied Connection to
277	InvestmentCapitalActionsMoP	What is the level of activity in	n seeking investment capital for the country?	хх	Direct Connection to LOE Tasks
467	JournalistTrainingAndProfessionalizationA ctivityMoP	What is the activity level for professionalization projects?	sponsoring journalist training and	х	Implied Connection to LOE
105	KeyLeaderDiplomatsRating	What is the influence of each	n key diplomatic leader?	m	Model Implied Connection to
474	KeyLeaderOpinionChangeRating	For each issue and each lead	er, what is the change in opinion?	m	Model Implied Connection to
	LogisticsAcquiredMoP	What quantity has been acqu		Х	Implied Connection to LOE
	LogisticsDistributedMoP	What quantity has been distr		Х	Implied Connection to LOE
	LogisticsMovedInAirMoP	What quantity has been mov		х	Implied Connection to LOE
	LogisticsMovedOnGroundMoP	What quantity has been mov	•	х	Implied Connection to LOE
	LogisticsMovedOnWaterMoP	What quantity has been mov		х	Implied Connection to LOE
	LogisticsMovedUnderWaterMoP	What quantity has been mov		х	Implied Connection to LOE
	LogisticsWarehousedMoP	What quantity has been war		х	Implied Connection to LOE
	ManufacturingInfraCapacityRating	What is the capacity of manu	•	m	Model Implied Connection to
	ManufacturingInfraCapacityRebuiltMoP		ring structures has been rebuilt?	х	Implied Connection to LOE
	ManufacturingInfraInvestmentMoP		ebuilding manufacturing structures?	х	Implied Connection to LOE
	ManufacturingInfraJobsCreatedMoP	structures?	eated in rebuilding manufacturing	x	Implied Connection to LOE
	MediaInfraCapacityRating	What is the capacity of the m		m vv	Model Implied Connection to Direct Connection to LOE Tasks
	MediaInfraCapacityRebuiltMoP MediaInfraInvestmentMoP		nfrastructure has been rebuilt? ebuilding the media infrastructure?	XX XX	Direct Connection to LOE Tasks
	MediaInfraJobsCreatedMoP		eated in rebuilding the media	XX	Direct Connection to LOE Tasks
50	MediationNegotiationsPersuasionMoP		ition, negotiation & persuasion efforts that	х	Implied Connection to LOE
398	MedicalTreatmentProvidedMoP	What is the quantity of medi	cal treatment provided?	хх	Direct Connection to LOE Tasks
279	MicrofinanceSystemChangeMoP	What is the progress in refor	ming microfinance systems?	хх	Direct Connection to LOE Tasks
574	MilitaryStructuresCapacityRating	What is the capacity of the m	nilitary infrastructure?	m	Model Implied Connection to
583	MilitaryStructuresCapacityRebuiltMoP	What capacity of the military	/ infrastructure has been rebuilt?	х	Implied Connection to LOE
581	MilitaryStructuresInvestmentMoP	What is the \$ investment in r	ebuilding the military infrastructure?	х	Implied Connection to LOE
582	MilitaryStructuresJobsCreatedMoP	How many jobs have been cr infrastructure?	eated in rebuilding the military	х	Implied Connection to LOE
575	MilitaryVehiclesCapacityRating	What is the capacity of the m	nilitary vehicles?	m	Model Implied Connection to
591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the military	vehicles has been rebuilt/replaced?	х	Implied Connection to LOE
589	MilitaryVehiclesInvestmentMoP	What is the \$ investment in r	ebuilding/replacing the military vehicles?	х	Implied Connection to LOE
	MilitaryVehiclesJobsCreatedMoP	vehicles?	eated in rebuilding/replacing the military	х	Implied Connection to LOE
	NaturalResourceManagementChangeMoP	What is the progress in mana		XX	Direct Connection to LOE Tasks
	NegotiationWBureaucraciesActivitiesMoP	people?	tiation with bureacracies to get relief for	ХХ	Direct Connection to LOE Tasks
	NGOActivityCoordinationActivitiesMoP	with intervenors)?	tion of NGO activities (among NGOs and	х	Implied Connection to LOE
	NonMilVehiclesCapacityRating	What is the capacity of the n	•	m	Model Implied Connection to
	NonMilVehiclesCapacityRebuiltMoP		litary vehicles has been rebuilt/replaced?	Х	Implied Connection to LOE
	NonMilVehiclesInvestmentMoP	vehicles?	ebuilding/replacing the non-military	х	Implied Connection to LOE
	NonMilVehiclesJobsCreatedMoP	military vehicles?	eated in rebuilding/replacing the non-	х	Implied Connection to LOE
	NonNationStateActorsFundingChangeMoP	nation state actors?	o identify and interdict funding of non-	х	Implied Connection to LOE
	NonNationStateActorsPopulationSupportC hangeMoP	support for non-nation state	•	х	Implied Connection to LOE
204	NonNationStateActorsRecruitingChangeM oP	What is the level of activity t nation state actors?	o identify and interdict recruitment by non-	x	Implied Connection to LOE

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LOE Description

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N	/letIC	Class Name	Defining Question		Lev	Level Description
		TeachersTrainedMoP TemporaryShelterCapacityProvidedMoP	What is the progress in train What is the capacity of temp provided?	ning teachers? porary shelter/housing/refugee camps	x XX	Implied Connection to LOE Direct Connection to LOE Tasks
		TerroristsActivityRating		uence/activity rating of the terrorists?	m	Model Implied Connection to
	663	ToleranceByPeopleOfTheStatusQuoMoFE WaterAndSewageTreatmentInfraCapacityR ating	How tolerant are the people What is the capacity of the v	e of the Status Quo? vater and sewage treatment infrastructure?	m m	Model Implied Connection to Model Implied Connection to
(672	WaterAndSewageTreatmentInfraCapacityR ebuiltMoP	What capacity of the water a been rebuilt?	and sewage treatment infrastructure has	х	Implied Connection to LOE
e		WaterAndSewageTreatmentInfraInvestme ntMoP	What is the \$ investment in infrastructure?	rebuilding the water and sewage treatment	х	Implied Connection to LOE
(WaterAndSewageTreatmentInfraJobsCreat edMoP	How many jobs have been contractment infrastructure?	reated in rebuilding the water and sewage	х	Implied Connection to LOE
		WaterDistributedMoP	What is the quantity of wate		ХΧ	Direct Connection to LOE Tasks
(WaterDistributionInfraCapacityRating		vater distribution infrastructure?	m	Model Implied Connection to
		WaterDistributionInfraCapacityRebuiltMoP WaterDistributionInfraInvestmentMoP	1 3	distribution infrastructure has been rebuilt? rebuilding the water distribution	X X	Implied Connection to LOE Implied Connection to LOE
6	667	WaterDistributionInfraJobsCreatedMoP	How many jobs have been configuration in frastructure?	reated in rebuilding the water distribution	х	Implied Connection to LOE
6	646	WaterwaysCapacityRebuiltMoP	What capacity of the waterv	vays infrastructure has been rebuilt?	х	Implied Connection to LOE
6	644	WaterwaysInvestmentMoP	What is the \$ investment in	rebuilding the waterways infrastructure?	х	Implied Connection to LOE
0	645	WaterwaysJobsCreatedMoP	How many jobs have been constructure?	reated in rebuilding the waterways	х	Implied Connection to LOE
6 Suppo	rt G	Sovernance Provide pul	blic administration su	upport; identify and recruit	\checkmark	² FM3-24.2
•••		· · · · · ·		nent, provide cultural affairs		
			•	ections; support HN reforms		
1 T	R۵C	IW Metric Ontology Workshop 2		04/27/2011		
		AcceptableJobAvailabilityRating	What is the level of acceptal		S	Secondary Importance
		AgInvestmentMoP	•	agricultural support programs and other	S	Secondary Importance
2	242	AgPolicyChangeMoP	What is the progress in refor	rming agricultural policy?	S	Secondary Importance
į	508	AgricultureInfraInvestmentMoP	What is the \$ investment in	rebuilding agriculture structures?	Т	Tertiary Importance
Ę	509	AgricultureInfraJobsCreatedMoP	How many jobs have been c	reated in rebuilding agriculture structures?	Т	Tertiary Importance
2	239	AgSupportActivityMoP	What is the activity level of a	agricultural support programs?	S	Secondary Importance
		AirMovementDamageMoP	thunderstorms, tornados, et		Т	Tertiary Importance
		AirportCapacityDamagedMoP	1 3 1	infrastructure has been damaged?	Т	Tertiary Importance
		AirportInvestmentMoP		rebuilding the airport infrastructure?	S	Secondary Importance
		AirportJobsCreatedMoP AntiPopulationMovementActivitiesMoP	infrastructure?	reated in rebuilding the airport	S T	Secondary Importance
			movements?	s to reduce the likelihood of population	T	Tertiary Importance
		AntiTraffickingInPersonsActivityMoP		in anti-trafficking in persons programs?	Т	Tertiary Importance
	149	ArmedForcesProfessionalismRating		rating (equipment, manpower, doctrine, dership, organizational culture, history, civil- military?	S	Secondary Importance
3	322	BasicNaturalResourceCapacityRating	What is the rating on the HN	I basic natural resources capacity?	Т	Tertiary Importance
Ċ	652	BridgeAndTunnelCapacityDamagedMoP	What capacity of the bridge damaged?	and tunnel infrastructure has been	Т	Tertiary Importance
(628	BridgeAndTunnelInvestmentMoP	What is the \$ investment in infrastructure?	rebuilding the bridge and tunnel	S	Secondary Importance
(629	BridgeAndTunnelJobsCreatedMoP	How many jobs have been constructure?	reated in rebuilding the bridge and tunnel	S	Secondary Importance
į	514	BusinessInfraInvestmentMoP		rebuilding shops and commercial structures?	Т	Tertiary Importance
Į	515	BusinessInfraJobsCreatedMoP	How many jobs have been costructures?	reated in rebuilding shops and commercial	Т	Tertiary Importance

Cor	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
7	CentralAuthorityEffectivenessRating	How effectively does it govern: political capacity (tax collection capability, etc.), influence events?	Ρ	Primary Importance
412	ChangesInPopulationCompositionRating	What is the level of change in the breakdown of movement categories?	Т	Tertiary Importance
383	CivicEducationProjectsActivityMoP	What is the progress in civic education projects?	S	Secondary Importance
378	CivilianHousingCapacityDamagedMoP	What is the capacity of civilian housing that has been damaged?	Т	Tertiary Importance
350	CivilianHousingCapacityRating	What is the status of civilian housing capacity?	Т	Tertiary Importance
372	CivilianHousingCapacityRebuiltMoP	What is the capacity of civilian housing that has been rebuilt?	S	Secondary Importance
109	CivilStabilityAndDurablePeaceLevelRating MoPE	What is the level of civil stability and durable peace?	S	Secondary Importance
120	CivilUnrestLevelRatingMoFE	What is the level of civil (internal) unrest?	Т	Tertiary Importance
291	CommercialLawChangeMoP	What is the progress in reforming commercial law?	Т	Tertiary Importance
311	CommercialSectorRating	What is the economic health of the overall commercial sector?	Т	Tertiary Importance
330	CommodityInvestmentMoP	What is the \$ investment in direct external participation in the economy (buying and selling commodities)?	S	Secondary Importance
52	ComplianceWithPeaceAccordsMoP	What is the level of effort in maintaining compliance with peace accords?	Р	Primary Importance
171	ConfidenceBuildingActivityMoP	What is the level of confidence-building and security measures?	Т	Tertiary Importance
121	ConflictCivilianDeathAndInjuryRating	What is the death and injury rate for civilians from conflict?	Т	Tertiary Importance
70	$\label{eq:connectionBetweenLawEnforcementAndM} ConnectionBetweenLawEnforcementAndM \\ ilitaryRating$	What is the connection between the two: law enforcement as part of military or not, multiple levels of police, border guards, etc.?	Т	Tertiary Importance
210	ConsequenceManagementActivityMoP	What is the level of consequence management support being provided?	S	Secondary Importance
30	ConstitutionReformChangeMoP	What is the progress in constitutional reform?	Р	Primary Importance
254	CorruptionInBusinessRating	What is the existing level of corruption in business?	Т	Tertiary Importance
69	CorruptionInCentralAuthorityRating	What is the existing level of corruption in the central authority?	Р	Primary Importance
66	CorruptionInCultureRating	What is the perceived level of corruption that is prevalent in the HN culture?	S	Secondary Importance
198	CorruptionInMilitaryRating	What is the existing level of corruption in the military?	S	Secondary Importance
67	CorruptionInSocialServicesRating	What is the existing level of corruption in the government social services?	S	Secondary Importance
256	Criminal&CorruptActivityMoP	What numbers of crimes & corrupt activities (intimidation, kidnapping, murder, smuggling, drug trafficking, bribery, "protection," illicit services, self-dealing, etc.) have been attempted?	Т	Tertiary Importance
246	CriminalsActivityRating	What is the activity level/influence/numbers of criminals?	Т	Tertiary Importance
317	CriticalIndustriesRating	What is the status of the country's critical industries?	Т	Tertiary Importance
275	CurrencyChangeMoP	What is the progress in reforming the currency?	Р	Primary Importance
674	DamsInfraInvestmentMoP	What is the \$ investment in rebuilding the dam infrastructure?	Т	Tertiary Importance
675	DamsInfraJobsCreatedMoP	How many jobs have been created in rebuilding the dam infrastructure?	Т	Tertiary Importance
133	DemilZonesEtcActivityMoP	What is the progress in establishing demilitarized zones, sanctions, and arms embargoes?	Р	Primary Importance
34	DiplomaticActionsMoP	What is the level of diplomatic actions to and from the HN government, internal & external (communications, making alliances, etc.)?	Р	Primary Importance
	DisarmamentEffectivenessRating	What is the effectiveness rating of disarmament efforts?	Т	Tertiary Importance
244	DrugCropReductionMoP	What is the progress in reducing drug crops?	Т	Tertiary Importance
250	DrugCultivationRating	What is the drug cultivation level?	S	Secondary Importance
	DrugManufactureRating	What is the drug manufacture level?	S	Secondary Importance
	DrugTransshipmentRating	What is the drug transshipment level?	S	Secondary Importance
366	DurableGoodsDistributedMoP	What is the quantity of non-food and non-water relief items distributed?	S	Secondary Importance
769	EarthMovementDamageMoP	What is the damage from earth movement (earthquake, landslide/avalanche, volcanic eruptions, etc.)?	Т	Tertiary Importance
321	EconomicFoundationRatingMoFE	What is the combined rating for the economy and infrastructure?	Т	Tertiary Importance
289	EconomicIntegrationChangeMoP	What is the progress in economic integration and cooperation (strategy/assessment, prices and subsidies, debt management, arrears clearance, etc.) across private, govt, international?	Р	Primary Importance
287	EconomicPolicyChangeMoP	What is the progress in reforming government economic policy?	Р	Primary Importance
	EducationInfraCapacityRating	What is the capacity of the education infrastructure?	т	Tertiary Importance
	EducationInfraCapacityRebuiltMoP	What capacity of the education infrastructure has been rebuilt?	Т	Tertiary Importance
		What is the \$ investment in rebuilding the education infrastructure?	Т	Tertiary Importance
530	EducationInfraInvestmentMoP	what is the sinvestment in rebuilding the education minastructure:		rentially importance

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Connections Source		Date			
Met	D Class Name	Defining Question		Lev	Level Description
385	EducationSuppliesProvidedMoP	What is the quantity of educ	ation supplies provided?	Т	Tertiary Importance
26	ElectionsConductedChangeMoP	What is the progress in planning, executing, monitoring, and publicizing elections?			Primary Importance
545	ElectricDistributionCapacityRating	What is the capacity of the e	lectric distribution infrastructure?	Т	Tertiary Importance
555	ElectricDistributionCapacityRebuiltMoP		distribution infrastructure has been rebuilt?	Т	Tertiary Importance
553	ElectricDistributionInvestmentMoP	infrastructure?	rebuilding the electric distribution	Т	Tertiary Importance
554	ElectricDistributionJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the electric distribution	S	Secondary Importance
544	ElectricProductionCapacityRating	What is the capacity of the e	lectric production infrastructure?	Т	Tertiary Importance
551	ElectricProductionCapacityRebuiltMoP		production infrastructure has been rebuilt?	Т	Tertiary Importance
549	ElectricProductionInvestmentMoP	What is the \$ investment in i infrastructure?	rebuilding the electric production	Т	Tertiary Importance
550	ElectricProductionJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the electric production	S	Secondary Importance
	EmploymentLevelRating	What is the employment leve		S	Secondary Importance
259	EnergyBusinessRating	What is the status of the ene		S	Secondary Importance
261	EnergyImportationChangeMoP	How much energy has been	imported?	S	Secondary Importance
258	EnergySupplyAndDistributionLevelRating	What is the overall rating for	r energy supply and distribution?	Т	Tertiary Importance
407	ExpatriatesActivityRating	What is the number and influ living abroad?	uence of expatriates, migrants & refugees	S	Secondary Importance
14	ExternalGovtAdvisorsMoP	What is the number & influe government (not counting R	nce of external advisors to the HN ule of Law advisors)?	Ρ	Primary Importance
89	ExternalJusticeAdvisorsMoP	What is the number & influe criminal justice organization	nce of external advisors to the police and s?	Т	Tertiary Importance
99	ExtortionActivityMoP	What is the level of extortion	n, suppression of the population/opposition?	Р	Primary Importance
546	ExtractiveEnergyProductionCapacityRating	What is the capacity of the e	xtractive energy production infrastructure?	S	Secondary Importance
559	ExtractiveEnergyProductionCapacityRebuil tMoP	What capacity of the extract been rebuilt?	ive energy production infrastructure has	Т	Tertiary Importance
557	ExtractiveEnergyProductionInvestmentMo P	What is the \$ investment in i infrastructure?	rebuilding the extractive energy production	Т	Tertiary Importance
558	ExtractiveEnergyProductionJobsCreatedM oP	How many jobs have been cr production infrastructure?	reated in rebuilding the extractive energy	S	Secondary Importance
547	ExtractiveEnergyTransportCapacityRating	What is the capacity of the e infrastructure?	xtractive energy transportation	Т	Tertiary Importance
563	ExtractiveEnergyTransportCapacityRebuilt MoP	What capacity of the extract been rebuilt?	ive energy transportation infrastructure has	Т	Tertiary Importance
561	ExtractiveEnergyTransportInvestmentMoP	What is the \$ investment in a transportation infrastructure	rebuilding the extractive energy e?	Т	Tertiary Importance
562	ExtractiveEnergyTransportJobsCreatedMo P	How many jobs have been cr transportation infrastructure	reated in rebuilding the extractive energy e?	S	Secondary Importance
47	FactionalDisputeRating	What is the size and bitterne	ess of factional disputes?	Р	Primary Importance
432	FamilyActivityRating	What is the influence of fam	ily on the society?	Р	Primary Importance
267	FinancialServicesIndustryRating	What is the status of the fina	ancial businesses?	S	Secondary Importance
266	FinancialSystemRating	What is the overall rating for	r the financial system?	S	Secondary Importance
356	FoodDistributedMoP	What is the quantity of food	distributed?	S	Secondary Importance
354	FoodImportedMoP	What is the quantity of food	imported?	Т	Tertiary Importance
410	ForcedPopulationMovementRating	What is the level of forced per camps or ethnic cleansing)?	opulation movement (whether into refugee	Т	Tertiary Importance
125	ForeignConflictActivityRating	What is the level of foreign c	conflict that engages the HN?	Р	Primary Importance
269	ForeignInvestmentLevelRating	What is the level of foreign i	nvestment in the country?	S	Secondary Importance
463	FreedomOfDomesticMediaRating	What is the level of freedom	of domestic media?	Р	Primary Importance
465	FreedomOfInternationalMediaRating	What is the level of freedom country?	of the international media within the	Ρ	Primary Importance
409	FreedomOfMovementRating	What is the rating for the fre	edom of movement of the populace the land, free to move, etc.)?	Т	Tertiary Importance
11	FreedomRating		use something like the FreedomHouse	S	Secondary Importance
543	GeneralEnergyInfraCapacityRating	What is the capacity of the g	eneral energy infrastructure?	Т	Tertiary Importance

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Col	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
390	GeneralJobsCreatedMoP	What is the number of jobs created through job help programs (skills training and counseling)?	S	Secondary Importance
427	GeneralPopulationActivityRating	What is the size of the general population and the extent of its influence?	Р	Primary Importance
4	GovernanceRating	How well does it govern; what are the checks on its power?	Р	Primary Importance
91	GovtCorruptionMonitoringMoP	What is the level of monitoring for corruption by government officials	S	Secondary Importance
	GovtDecisionAuthorityRating	Who has power (autocratic, democratic, theocratic, monarchy, warlords, etc.)?	Р	Primary Importance
9	GovtDecisionMakingRating	What is the distribution of power, # political parties, checks & balances, elections, dispute resolution?	Р	Primary Importance
	GovtDestabilizationActivityMoP	What is the level of activity in destabilizing the HN government?	Р	Primary Importance
	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitimacy level of the HN government?	Р	Primary Importance
	GovtEconomicPolicyRating	What is the overall rating on the HN government's economic policy?	Р	Primary Importance
	GovtInternatnlLegitimacyRating	What is the international legitimacy level of the HN government?	Р	Primary Importance
	GovtLeaderChangeRating	How does leadership change: elections, hereditary succession, coup, revolution?	Р	Primary Importance
	GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison with he HN government?	P	Primary Importance
	GovtMilitaryForcesActivityRating	What is the number and influence/activity rating of the HN military forces?	Т	Tertiary Importance
	GovtPersonnelEducatedChangeMoP	What is the progress in educating civil service, legislative staff, local government staff, etc.?	Р	Primary Importance
	GovtReformChangeMoP	What is the progress in reforming all parts and levels of HN government?		Primary Importance
	GovtStructuresCapacityDamagedMoP	What capacity of the government infrastructure has been damaged?	T	Tertiary Importance
	GovtStructuresCapacityRating	What is the capacity of the government infrastructure?	Р 	Primary Importance
579	1 5	What capacity of the government infrastructure has been rebuilt?	T	Tertiary Importance
577		What is the \$ investment in rebuilding the government infrastructure?	S	Secondary Importance
	GovtStructuresJobsCreatedMoP	How many jobs have been created in rebuilding the government infrastructure?	S	Secondary Importance
	GovtSuppliesDeliveredMoP	What amount of government supplies has been delivered for all levels and parts of government?	P	Primary Importance
	GovtTypeOrganizationActivityRating	For each of the government, alternative government, and intervention organizations, what is the activity level?	P	Primary Importance
	HealthCareProjectsChangeMoP	What is the progress in health care projects?	T	Tertiary Importance
	HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	T	Tertiary Importance
	HealthInfraInvestmentMoP	What is the \$ investment in rebuilding the health infrastructure?	T	Tertiary Importance
		How many jobs have been created in rebuilding the health infrastructure?	T	Tertiary Importance
	HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	T	Tertiary Importance
	HumanitarianReliefStockPrepositionedMo P	What is the quantity of humanitarian relief stocks that have been prepositioned?	S	Secondary Importance
	IIInessCausedByFamineEpidemicMoP	What is the level of illness caused by health emergencies, such as famine, epidemic, etc.?	S	Secondary Importance
	InformationAvailabilityRating InstitutionsOfGovernanceEffectivenessAnd	What is the availability level of information to the public? How effective and fair are the institutions of governance?	P P	Primary Importance Primary Importance
271	FairnessRatingMoFE InsuranceSystemChangeMoP	What is the progress in reforming the insurance system (and related systems)?	Р	Primary Importance
268	InsuranceSystemRating	What is the status of the insurance system	S	Secondary Importance
	InsurgentsActivityRating	What is the number and influence/activity rating of the insurgents?	S	Secondary Importance
	IntelligenceServicesRating	What is the number and influence/activity rating of the intelligence services?	S	Secondary Importance
160	IntelServiceChangeMoP	What is the progress in reforming the HN intelligence services?	т	Tertiary Importance
164		What is the \$ investment in intelligence personnel?	T	Tertiary Importance
	InterbanksPaymentSystemChangeMoP	What is the progress in reforming the interbanks payment system (and its related pieces)?	Ρ	Primary Importance
402	InternallyDisplacedPopulationActivityRatin g	What is the number and influence of the internally displaced population?	S	Secondary Importance
277	InvestmentCapitalActionsMoP	What is the level of activity in seeking investment capital for the country?	S	Secondary Importance

LOE Description

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Co	nnections Source		Date		
Met	D Class Name	Defining Question		Lev	Level Description
380	JobRelatedEducationalSystemRating		ducational system to produce job-worthy I knowledge and skills level and at the sills level)?	Т	Tertiary Importance
467	JournalistTrainingAndProfessionalizationA ctivityMoP		ponsoring journalist training and	Р	Primary Importance
433	KeyldeasInfluenceRating	For each key idea, what is its i	nfluence level?	Р	Primary Importance
309	KeyLeaderBusinessRating	What is the influence of each	key business leader?	S	Secondary Importance
105	KeyLeaderDiplomatsRating	What is the influence of each	key diplomatic leader?	Р	Primary Importance
308	KeyLeaderEconomicDecisionMakingRating	What is the process and qualit making?	y of key economic leaders decision	S	Secondary Importance
381	KeyLeaderEducationRating	What is the influence of each I	•	Т	Tertiary Importance
	KeyLeaderMediaRating	What is the influence of each I	•	S	Secondary Importance
	KeyLeaderMilitaryDecisionMakingRating		y of key military leaders decision making?	S	Secondary Importance
	KeyLeaderMilitaryRating	What is the influence of each l		S	Secondary Importance
	KeyLeaderNGORating	What is the influence of each l	•	S	Secondary Importance
	KeyLeaderNonGovtArmedRating		key non-government armed group leader?	S	Secondary Importance
	KeyLeaderPoliticalAgitatorRating	What is the influence of anti-p		Р	Primary Importance
	KeyLeaderPoliticalDecisionMakingRating		y of key political leaders decision making?	Р	Primary Importance
	KeyLeaderPoliticalProPeaceRating	What is the influence of pro-p		Р	Primary Importance
	KeyLeaderPoliticalRating KeyLeaderSocialRating	What is the influence of each I		P	Primary Importance
	KeyLeaderSpiritualRating	What is the influence of each I What is the influence of each I	•	P P	Primary Importance
	LawEnforcementOfficerInvestmentMoP	What is the \$ investment in po		r T	Primary Importance Tertiary Importance
	LegalSystemChangeMoP	•	ning the legitimate legal system?	P	Primary Importance
	LogisticsAcquiredMoP	What quantity has been acqui		T	Tertiary Importance
	LogisticsDistributedMoP	What quantity has been distri		T	Tertiary Importance
	LogisticsMovedInAirMoP	What quantity has been move		T	Tertiary Importance
	LogisticsMovedOnGroundMoP	What quantity has been move		T	Tertiary Importance
	LogisticsMovedOnWaterMoP	What quantity has been move		T	Tertiary Importance
	LogisticsMovedUnderWaterMoP	What quantity has been move		Т	Tertiary Importance
	LogisticsWarehousedMoP	What quantity has been warel		т	Tertiary Importance
	ManmadeDisasterDamageMoP		made disasters (nuclear powerplant,	Т	Tertiary Importance
502	ManufacturingInfraInvestmentMoP	What is the \$ investment in re	building manufacturing structures?	Т	Tertiary Importance
503	ManufacturingInfraJobsCreatedMoP	How many jobs have been cre structures?	ated in rebuilding manufacturing	Т	Tertiary Importance
310	MarketsRating	. ,	ncy of the markets in goods and services?	Т	Tertiary Importance
	MediaBusinessRating	What is the status of media bu		S	Secondary Importance
	MediaInfraCapacityRebuiltMoP	What capacity of the media in		S	Secondary Importance
		How many jobs have been cre infrastructure?	-	T	Tertiary Importance
	MedicalTreatmentProvidedMoP	What is the quantity of medica		T T	Tertiary Importance
	MicrofinanceSystemChangeMoP MigrantsActivityRating	What is the progress in reform What is the number and influe (due to pull factors)?	ning microfinance systems? ence of migrants from outside the country	T S	Tertiary Importance Secondary Importance
154	MilitaryChangeMoP	What is the progress in reform	ning the HN military?	т	Tertiary Importance
	MilitaryExercisesActivityMoP	What is the activity level of mi		T	Tertiary Importance
	MilitaryInvestmentMoP	What is the \$ investment in m		T	Tertiary Importance
157		How many military jobs have		Т	Tertiary Importance
587			infrastructure has been damaged?	т	Tertiary Importance
574		What is the capacity of the mi		Т	Tertiary Importance
583	MilitaryStructuresCapacityRebuiltMoP	What capacity of the military	infrastructure has been rebuilt?	Т	Tertiary Importance
581		What is the \$ investment in re	building the military infrastructure?	Т	Tertiary Importance
582	MilitaryStructuresJobsCreatedMoP	How many jobs have been cre infrastructure?	ated in rebuilding the military	Т	Tertiary Importance
		What is the progress in trainin	na military personnel?	Т	Tertiary Importance
156	MilitaryTrainedMoP	What is the progress in training	ig minitally personner:	•	rentially importance

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) Cor	nnections Source		Date		
Metll	D Class Name	Defining Question		Lev	Level Description
591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the militar	y vehicles has been rebuilt/replaced?	т	Tertiary Importance
589	MilitaryVehiclesInvestmentMoP		rebuilding/replacing the military vehicles?	т	Tertiary Importance
590	MilitaryVehiclesJobsCreatedMoP		reated in rebuilding/replacing the military	T	Tertiary Importance
265	MonetaryHealthRating	What is the health of the HN	I money (inflation, deflation, etc.)?	S	Secondary Importance
324	NaturalResourceManagementChangeMoP	What is the progress in man	aging the natural resources?	S	Secondary Importance
767	NaturalResourcesRating	How are natural resources r	epresented?	S	Secondary Importance
459	NegativeImpactOfInterventionRating	What is the level of influence intervention?	e of negative events coming from the	Р	Primary Importance
485	NegativePRActivitiesMoP	What is the activity level of	negative public relations activities?	Р	Primary Importance
376	NegotiationWBureaucraciesActivitiesMoP	What is the measure of nego people?	otiation with bureacracies to get relief for	S	Secondary Importance
218	NEOActivityMoP	What is the activity level/int Operations?	ensity of Non-combatant Evacuation	S	Secondary Importance
368	NGOActivityCoordinationActivitiesMoP	What is the level of coordina with intervenors)?	ation of NGO activities (among NGOs and	S	Secondary Importance
343	NGOActivityRating	What are the number, sizes Governmental Organization	and influence levels of the Non- s?	S	Secondary Importance
658	NonMilVehiclesCapacityDamagedMoP	What capacity of the non-mi	ilitary vehicles has been damaged?	Т	Tertiary Importance
640	NonMilVehiclesInvestmentMoP	What is the \$ investment in vehicles?	rebuilding/replacing the non-military	S	Secondary Importance
641	NonMilVehiclesJobsCreatedMoP	How many jobs have been comilitary vehicles?	reated in rebuilding/replacing the non-	S	Secondary Importance
202	NonNationStateActorsFundingChangeMoP	What is the level of activity a nation state actors?	to identify and interdict funding of non-	S	Secondary Importance
191	NonNationStateActorsFundingRating	What is the level of funding	for each non-nation state actor?	S	Secondary Importance
206	NonNationStateActorsPopulationSupportC hangeMoP	What is the level of activity to support for non-nation state	to identify financial, institutional and local e actors and disrupt it?	S	Secondary Importance
193	NonNationStateActorsPopulationSupportR ating	What is the level of popular	support for each non-nation state actor?	S	Secondary Importance
204	NonNationStateActorsRecruitingChangeM oP	What is the level of activity to nation state actors?	to identify and interdict recruitment by non-	S	Secondary Importance
192	NonNationStateActorsRecruitingRating	What is the level of recruiting	ng for each non-nation state actor?	S	Secondary Importance
439	ObservationOfSocialAnniversariesRating	What is the level of observation	tion of social anniversaries?	Р	Primary Importance
46	OppositionPartyUseOfForceRating	What is the oppositions star wholly against to active use	ice on the use of force, measured from of force?	Р	Primary Importance
62	OverallCrimeRating	What is the overall crime level	/el?	S	Secondary Importance
194	ParamilitaryForcesActivityRating	What is the number and infl forces?	uence/activity rating of the paramilitary	S	Secondary Importance
85	PenalSystemChangeMoP		blishing humane penal systems?	Р	Primary Importance
441	PerceptionByPeopleOfChangesInTheirSocia IStatusRating	What is the belief by people	that changes in their social status is good?	Р	Primary Importance
440	PerceptionByPeopleThatTheirInterestsAre RepresentedRating	What is the level of belief by	people that their interests are represented?	Р	Primary Importance
418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the pe	rception of a safe and secure environment?	Т	Tertiary Importance
214	PiracyActivityMoP	What is the activity level/int	ensity of piracy and anti-piracy operations?	Т	Tertiary Importance
59	PoliticalCrimeRating	What is the level of "politica	I" crimes as defined by the HN government?	Р	Primary Importance
208	PoliticalInstabilityMitigationActivityMoP	What is the level of activity to unrest actions by non-nation	to mitigate political instability and individual n state actors?	Р	Primary Importance
22	PoliticalLeadersTrainedMoP	duties as well as civil politics		Р	Primary Importance
74	PoliticalPersecutionRating	What is the level of political	persecution?	Р	Primary Importance
347	PollutionRating	What is the rating on polluti	on (individual, agricultural, industrial)?	S	Secondary Importance
362	PollutionReductionProjectsMoP	What is the progress in pollu	ution reduction projects?	Т	Tertiary Importance
483	PositivePRActivitiesMoP	What is the activity level of	positive public relations activities?	Р	Primary Importance
54	PowersharingMonitoringMoP	What is the status of monito	ring power sharing arrangements?	Р	Primary Importance
757	PrecipitationRating	What is the precipitation lev	el, drought/flood status?	Т	Tertiary Importance

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MetI	Class Name	Defining Question		Lev	Level Description
195	PrivateSecurityForcesActivityRating	What is the number and influ forces?	uence/activity rating of the private security	Ρ	Primary Importance
285	PrivatizationChangeMoP	What is the progress in priva	atizing governmnet run businesses?	Р	Primary Importance
97	PropertyLawChangeMoP	What is the progress in refor	rming property laws and procedures?	Т	Tertiary Importance
351	PropertyRightsAccessRating	What is the status of proper	ty rights and access?	Т	Tertiary Importance
73	ProtectionOfHumanRightsRating	What is the status of human	rights protection?	Т	Tertiary Importance
461	PublicRecordsTransparencyRating		ting for government information (records orting (push), transparency, etc.)?	Ρ	Primary Importance
304	PublicWorksInvestmentMoP	What is the \$ investment in	public works programs?	Т	Tertiary Importance
303	PublicWorksJobsCreatedMoP	What is the number of jobs of	created by public works programs?	Т	Tertiary Importance
650	RailroadCapacityDamagedMoP	What capacity of the railroad	d infrastructure has been damaged?	Т	Tertiary Importance
624	RailroadInvestmentMoP	What is the \$ investment in	rebuilding the railroad infrastructure?	S	Secondary Importance
625	RailroadJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the railroad	S	Secondary Importance
448	RebuildSenseOfCommunityActivitiesMoP	What is the level of activity i	n rebuilding a sense of community?	S	Secondary Importance
	RefugeeCampsCapacityRating	What is the capacity of refug		Т	Tertiary Importance
406	RefugeesActivityRating	(due to push factors)?	uence of migrants from outside the country	S	Secondary Importance
147	RegimeSponsoredNonMilitaryArmedForces ActivityRating	sponsored, non-military arm		Р	Primary Importance
10	RelationshipWithIntervenorsRating	What is the relationship betw to very close?	ween the parties, ranging from adversarial	Ρ	Primary Importance
446	ReligiousBuildingsCapacityDamagedMoP	What is the capacity of religi	ious buildings that has been damaged?	Т	Tertiary Importance
438	ReligiousBuildingsCapacityRating	What is the capacity of religi	ious buildings?	Т	Tertiary Importance
444	ReligiousBuildingsCapacityRebuildingMoP	What is the capacity of religi	ious buildings that has been rebuilt?	Т	Tertiary Importance
431	ReligiousGroupActivityRating	For each group, what is its si		Р	Primary Importance
414	ResettledPeopleChangeMoP	How many people have been		Т	Tertiary Importance
	ResolutionOfDifferencesByCompetingGrou psRating	ranging from violent conflict		Р	Primary Importance
	ReturnOfExpatriatesRating	What is the level of returning		Р	Primary Importance
	RoadCapacityDamagedMoP		frastructure has been damaged?	Т	Tertiary Importance
	RoadInvestmentMoP		rebuilding the road infrastructure?	S	Secondary Importance
621	RoadJobsCreatedMoP		reated in rebuilding the road infrastructure?	S	Secondary Importance
	SafeguardingGovernanceActivityMoP	key officials?	ding of the institutions of governance and	S	Secondary Importance
	SanitationAndWasteWaterProjectsChange MoP			Т	Tertiary Importance
	SatisfactionOfHealthRequirementsRating		ion of the people's health requirements?	Р	Primary Importance
	SatisfactionOfPeoplesSpiritualNeedsRating		ion of people's spiritual needs?	Т	Tertiary Importance
	SeaportCapacityDamagedMoP		t infrastructure has been damaged?	Т	Tertiary Importance
	SeaportInvestmentMoP		rebuilding the seaport infrastructure?	S	Secondary Importance
	SeaportJobsCreatedMoP	infrastructure?	reated in rebuilding the seaport	S	Secondary Importance
	SecurityCoordinationActivityMoP	intervenors?	coordination between the HN and the	S	Secondary Importance
183	SecurityForPOActivityMoP	What is the level of security ongoing?	provided for the various peace operations	Т	Tertiary Importance
103	SideActivityRating	How many sides (HN, faction active are they; how influent	ns, intervenors, etc.) are involved; how tial are they?	Р	Primary Importance
	SocialGroupActivityRating	For each group, what is its si		Р	Primary Importance
	SocialIssueDecisionMakingRating		re of social decision making?	Р	Primary Importance
	SocialProtectionProgramsActivityMoP	-	n providing social protection programs?	S	Secondary Importance
	SocialSafetyNetChangeMoP	What is the progress in refor	• •	Р	Primary Importance
	StockMarketChangeMoP		ming the stock and commodity markets?	Р	Primary Importance
	TaxAndTradeChangeMoP		ming tax and trade type policies?	S	Secondary Importance
	TerrorismActivityMoP		n and anti- and counterterrorism operations?		Tertiary Importance
197	TerroristsActivityRating	what is the number and influence	uence/activity rating of the terrorists?	S	Secondary Importance

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Cor	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	Р	Primary Importance
	TransferOfControlToHNChangeMoP		sferring control of government functions to	Ρ	Primary Importance
32	TransitionGovtCreationChangeMoP		blishing, staffing, and funding a transition	Ρ	Primary Importance
315	TransportBusinessRating	What is the status of the tran	nsportation businesses?	Ρ	Primary Importance
611	TransportInfraCapacityRating	What is the capacity of the g	eneral transportation infrastructure?	S	Secondary Importance
348	TrashDisposalRating	What is the quality of trash of	disposal?	Т	Tertiary Importance
349	WasteWaterTreatmentRating	What is the quality of waste	water treatment?	Т	Tertiary Importance
670	WaterAndSewageTreatmentInfraInvestme ntMoP	What is the \$ investment in r infrastructure?	rebuilding the water and sewage treatment	Т	Tertiary Importance
671	Water And Sew age Treatment Infra Jobs Created MoP	How many jobs have been cr treatment infrastructure?	reated in rebuilding the water and sewage	Т	Tertiary Importance
358	WaterDistributedMoP	What is the quantity of wate	er distributed?	S	Secondary Importance
666	WaterDistributionInfraInvestmentMoP	What is the \$ investment in r infrastructure?	rebuilding the water distribution	Т	Tertiary Importance
667	WaterDistributionInfraJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the water distribution	Т	Tertiary Importance
660	WaterwaysCapacityDamagedMoP	1 3	vays infrastructure has been damaged?	Т	Tertiary Importance
644	WaterwaysInvestmentMoP	What is the \$ investment in r	rebuilding the waterways infrastructure?	S	Secondary Importance
645	WaterwaysJobsCreatedMoP	How many jobs have been cr infrastructure?	reated in rebuilding the waterways	S	Secondary Importance
137	WeaponsControlActivityMoP	What is the progress in imple	ementing weapons control regimes?	Р	Primary Importance
295	WorkersOrganizationActivityRating	What are the numbers and in	nfluence of worker organizations?	S	Secondary Importance
2 Hart	ley Notional Model		05/31/2011		
297	AcceptableJobAvailabilityRating	What is the level of acceptab	ble iob availability?	m	Model Implied Connection
	AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the		m	Model Implied Connection
242	AgPolicyChangeMoP	What is the progress in refor	rming agricultural policy?	ΧХ	Direct Connection to LOE Ta
229	AgProductionMoP	What is the level of agricultu	Iral production?	m	Model Implied Connection
416	AntiPopulationMovementActivitiesMoP	What is the level of activities movements?	s to reduce the likelihood of population	ХХ	Direct Connection to LOE Ta
424	AntiTraffickingInPersonsActivityMoP	What is the level of activity i	n anti-trafficking in persons programs?	х	Implied Connection to LOE
7	CentralAuthorityEffectivenessRating	How effectively does it gover capability, etc.), influence ev	rn: political capacity (tax collection vents?	m	Model Implied Connection
383	CivicEducationProjectsActivityMoP	What is the progress in civic	education projects?	х	Implied Connection to LOE
748	CommandAndControlEstablishedMoP	What command and control	processes have been established?	х	Implied Connection to LOE
291	CommercialLawChangeMoP	What is the progress in refor	rming commercial law?	ΧХ	Direct Connection to LOE Ta
746	CommunicationsEstablishedMoP	What communications capat	bility has been established?	х	Implied Connection to LOE
52	ComplianceWithPeaceAccordsMoP	What is the level of effort in	maintaining compliance with peace accords?	ΧХ	Direct Connection to LOE Ta
30	ConstitutionReformChangeMoP	What is the progress in const	titutional reform?	х	Implied Connection to LOE
69	CorruptionInCentralAuthorityRating	What is the existing level of	corruption in the central authority?	m	Model Implied Connection
68	CorruptionInLawEnforcementRating	What is the existing level of organizations?	corruption in law enforcement	m	Model Implied Connection
67	CorruptionInSocialServicesRating	What is the existing level of o services?	corruption in the government social	m	Model Implied Connection
317	CriticalIndustriesRating	What is the status of the cou	intry's critical industries?	m	Model Implied Connection
275	CurrencyChangeMoP	What is the progress in refor	rming the currency?	ΧХ	Direct Connection to LOE Ta
148	DemobilizedArmedForcesActivityRating	What is the number and influ forces?	uence/activity rating of the demobilized	m	Model Implied Connection
34	DiplomaticActionsMoP	internal & external (commur	tic actions to and from the HN government, nications, making alliances, etc.)?	х	Implied Connection to LOE
	DrugCropReductionMoP	What is the progress in redu		ХΧ	Direct Connection to LOE Ta
289	EconomicIntegrationChangeMoP	(strategy/assessment, prices	omic integration and cooperation s and subsidies, debt management, arrears	ХХ	Direct Connection to LOE Ta
		clearance, etc.) across privat	ie, govi, international?		

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Cor	nnections Source	Date		
Metll	D Class Name	Defining Question	Lev	Level Description
26	ElectionsConductedChangeMoP	What is the progress in planning, executing, monitoring, and publicizing elections?	хх	Direct Connection to LOE Tasks
14	ExternalGovtAdvisorsMoP	What is the number & influence of external advisors to the HN government (not counting Rule of Law advisors)?	ХХ	Direct Connection to LOE Tasks
89	ExternalJusticeAdvisorsMoP	What is the number & influence of external advisors to the police and criminal justice organizations?	ХХ	Direct Connection to LOE Tasks
266	FinancialSystemRating	What is the overall rating for the financial system?	m	Model Implied Connection to
345	FoodSupplyRating	What is the rating on the available food supply?	m	Model Implied Connection to
179	ForceSecurityActivityMoP	What is the level of force security provided to allow prosecuting other operations safely?	х	Implied Connection to LOE
	ForeignInvestmentLevelRating	What is the level of foreign investment in the country?	m	Model Implied Connection to
463	FreedomOfDomesticMediaRating	What is the level of freedom of domestic media?	m	Model Implied Connection to
91	GovtCorruptionMonitoringMoP	What is the level of monitoring for corruption by government officials	ХΧ	Direct Connection to LOE Tasks
106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitimacy level of the HN government?	ХΧ	Direct Connection to LOE Tasks
71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	m	Model Implied Connection to
479	GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison with he HN government?	х	Implied Connection to LOE
16	GovtPersonnelEducatedChangeMoP	What is the progress in educating civil service, legislative staff, local government staff, etc.?	х	Implied Connection to LOE
24	GovtReformChangeMoP	What is the progress in reforming all parts and levels of HN government?	ΧХ	Direct Connection to LOE Tasks
573	GovtStructuresCapacityRating	What is the capacity of the government infrastructure?	m	Model Implied Connection to
579	GovtStructuresCapacityRebuiltMoP	What capacity of the government infrastructure has been rebuilt?	х	Implied Connection to LOE
577	GovtStructuresInvestmentMoP	What is the \$ investment in rebuilding the government infrastructure?	х	Implied Connection to LOE
578	GovtStructuresJobsCreatedMoP	How many jobs have been created in rebuilding the government infrastructure?	х	Implied Connection to LOE
28	GovtSuppliesDeliveredMoP	What amount of government supplies has been delivered for all levels and parts of government?	ХХ	Direct Connection to LOE Tasks
216	HAActivityMoP	What is the activity level/intensity of Humanitarian Assistance operations?	х	Implied Connection to LOE
535	HealthInfraCapacityRating	What is the capacity of the health infrastructure?	m	Model Implied Connection to
150	HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	m	Model Implied Connection to
93	HumanRightsMonitoringMoP	What is the level of monitoring for human rights practices?	ΧХ	Direct Connection to LOE Tasks
477	InformationCollectionActivitiesMoP	What is the activity level in information collection and processing?	х	Implied Connection to LOE
481	InformationControl&DisseminationActiviti esMoP	What is the activity level in information control & dissemination?	х	Implied Connection to LOE
108	InstitutionsOfGovernanceEffectivenessAnd FairnessRatingMoFE	How effective and fair are the institutions of governance?	х	Implied Connection to LOE
271	InsuranceSystemChangeMoP	What is the progress in reforming the insurance system (and related systems)?	ХХ	Direct Connection to LOE Tasks
160	IntelServiceChangeMoP	What is the progress in reforming the HN intelligence services?	ΧХ	Direct Connection to LOE Tasks
164	IntelServiceInvestmentMoP	What is the \$ investment in intelligence personnel?	Х	Implied Connection to LOE
163	IntelServiceJobsCreatedMoP	How many intelligence services jobs have been created?	х	Implied Connection to LOE
162	IntelServiceTrainedMoP	What is the progress in training intelligence service personnel?	х	Implied Connection to LOE
273	InterbanksPaymentSystemChangeMoP	What is the progress in reforming the interbanks payment system (and its related pieces)?	ХХ	Direct Connection to LOE Tasks
402	InternallyDisplacedPopulationActivityRatin g	What is the number and influence of the internally displaced population?	m	Model Implied Connection to
144	InterventionForcesActivityRating	What is the number and influence/activity rating of the intervention forces?	m	Model Implied Connection to
277	InvestmentCapitalActionsMoP	What is the level of activity in seeking investment capital for the country?	ΧХ	Direct Connection to LOE Tasks
467	JournalistTrainingAndProfessionalizationA ctivityMoP	What is the activity level for sponsoring journalist training and professionalization projects?	х	Implied Connection to LOE
105	KeyLeaderDiplomatsRating	What is the influence of each key diplomatic leader?	m	Model Implied Connection to
474	KeyLeaderOpinionChangeRating	For each issue and each leader, what is the change in opinion?	m	Model Implied Connection to
79	LawEnforcementChangeMoP	What is the progress in reforming the police force(s)?	ΧХ	Direct Connection to LOE Tasks
82	LawEnforcementJobsCreatedMoP	How many police jobs have been created?	х	Implied Connection to LOE
83	LawEnforcementOfficerInvestmentMoP	What is the \$ investment in policemen?	х	Implied Connection to LOE

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	Metll	D Class Name	Defining Question		Lev	Level Description
	81	LawEnforcementOfficersTrainedMoP	What is the progress in train	ing policemen?	x	Implied Connection to LOE
		LegalSystemChangeMoP		ming poncerner:	XX	Direct Connection to LOE Tasks
		LogisticsAcquiredMoP	What quantity has been acq		x	Implied Connection to LOE
		LogisticsDistributedMoP	What quantity has been dist		x	Implied Connection to LOE
		LogisticsMovedInAirMoP	What quantity has been mov		x	Implied Connection to LOE
		LogisticsMovedOnGroundMoP	What quantity has been mov		x	Implied Connection to LOE
		LogisticsMovedOnWaterMoP	What quantity has been mov	•	x	Implied Connection to LOE
		LogisticsMovedUnderWaterMoP	What quantity has been mov		x	Implied Connection to LOE
		LogisticsWarehousedMoP	What quantity has been war		x	Implied Connection to LOE
		MediationNegotiationsPersuasionMoP		ation, negotiation & persuasion efforts that	х	Implied Connection to LOE
	279	MicrofinanceSystemChangeMoP	What is the progress in refor	ming microfinance systems?	ХХ	Direct Connection to LOE Tasks
	154	MilitaryChangeMoP	What is the progress in refor		ХХ	Direct Connection to LOE Tasks
	158	MilitaryInvestmentMoP	What is the \$ investment in	military personnel?	х	Implied Connection to LOE
	157	MilitaryJobsCreatedMoP	How many military jobs have	e been created?	х	Implied Connection to LOE
	574	MilitaryStructuresCapacityRating	What is the capacity of the n	nilitary infrastructure?	m	Model Implied Connection to
	583	MilitaryStructuresCapacityRebuiltMoP	What capacity of the militar	y infrastructure has been rebuilt?	х	Implied Connection to LOE
	581	MilitaryStructuresInvestmentMoP	What is the \$ investment in	rebuilding the military infrastructure?	х	Implied Connection to LOE
	582	MilitaryStructuresJobsCreatedMoP	How many jobs have been constructure?	reated in rebuilding the military	х	Implied Connection to LOE
	156	MilitaryTrainedMoP	What is the progress in train	ing military personnel?	х	Implied Connection to LOE
	575	MilitaryVehiclesCapacityRating	What is the capacity of the n	nilitary vehicles?	m	Model Implied Connection to
	591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the military	y vehicles has been rebuilt/replaced?	х	Implied Connection to LOE
	589	MilitaryVehiclesInvestmentMoP	What is the \$ investment in	rebuilding/replacing the military vehicles?	х	Implied Connection to LOE
	590	MilitaryVehiclesJobsCreatedMoP	How many jobs have been covehicles?	reated in rebuilding/replacing the military	х	Implied Connection to LOE
	324	NaturalResourceManagementChangeMoP	What is the progress in man	aging the natural resources?	ΧХ	Direct Connection to LOE Tasks
	376	NegotiationWBureaucraciesActivitiesMoP	What is the measure of nego people?	otiation with bureacracies to get relief for	х	Implied Connection to LOE
	368	NGOActivityCoordinationActivitiesMoP	with intervenors)?	tion of NGO activities (among NGOs and	х	Implied Connection to LOE
		OppositionPartyUseOfForceRating	wholly against to active use		m	Model Implied Connection to
	194	ParamilitaryForcesActivityRating	What is the number and influ forces?	uence/activity rating of the paramilitary	m	Model Implied Connection to
		PenalSystemChangeMoP		olishing humane penal systems?	ХХ	Direct Connection to LOE Tasks
		PerceptionOfSafeAndSecureEnvironmentM oFE	. .	rception of a safe and secure environment?	m	Model Implied Connection to
		PoliticalLeadersTrainedMoP	duties as well as civil politics		ХХ	Direct Connection to LOE Tasks
	472	PopulationOpinionChangeRating	For each issue, what is the cl		m	Model Implied Connection to
		PositivePRActivitiesMoP	What is the activity level of	•	ХΧ	
	346	PotableWaterSupplyRating	What is the rating on the ava	ailability of potable water?	m	Model Implied Connection to
	346 54	PotableWaterSupplyRating PowersharingMonitoringMoP	What is the rating on the ava What is the status of monito	ailability of potable water? ring power sharing arrangements?	m XX	Model Implied Connection to Direct Connection to LOE Tasks
	346 54 285	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP	What is the rating on the ava What is the status of monito What is the progress in priva	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses?	m XX XX	Model Implied Connection to Direct Connection to LOE Tasks Direct Connection to LOE Tasks
	346 54 285 97	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP PropertyLawChangeMoP	What is the rating on the available what is the status of monito. What is the progress in privation what is the progress in reformed to the progress of th	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses? rming property laws and procedures?	m XX XX XX	Model Implied Connection to Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks
	346 54 285 97 351	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP PropertyLawChangeMoP PropertyRightsAccessRating	What is the rating on the available what is the status of monitor what is the progress in private what is the progress in reform what is the status of properties of the status of properties of the status of properties of the status of the s	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses? rming property laws and procedures? ty rights and access?	m XX XX XX m	Model Implied Connection to Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks Model Implied Connection to
	346 54 285 97 351 448	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP PropertyLawChangeMoP PropertyRightsAccessRating RebuildSenseOfCommunityActivitiesMoP	What is the rating on the available What is the status of monito What is the progress in priva What is the progress in refor What is the status of proper What is the level of activity i	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses? rming property laws and procedures? ty rights and access? n rebuilding a sense of community?	m XX XX XX m XX	Model Implied Connection to Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks Model Implied Connection to Direct Connection to LOE Tasks
	346 54 285 97 351 448	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP PropertyLawChangeMoP PropertyRightsAccessRating RebuildSenseOfCommunityActivitiesMoP RefugeeCampsCapacityRating RegimeSponsoredNonMilitaryArmedForces	What is the rating on the available What is the status of monito What is the progress in priva What is the progress in refor What is the status of proper What is the level of activity i What is the capacity of refug What is the number and infil	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses? ming property laws and procedures? ty rights and access? n rebuilding a sense of community? gee camps? uence/activity rating of the regime	m XX XX XX m	Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks
	346 54 285 97 351 448 405 147	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP PropertyLawChangeMoP PropertyRightsAccessRating RebuildSenseOfCommunityActivitiesMoP RefugeeCampsCapacityRating	What is the rating on the available what is the status of monito. What is the status of monito. What is the progress in reform What is the progress in reform What is the status of proper What is the level of activity is What is the capacity of reform What is the number and influ- sponsored, non-military arm What is the level of safeguar	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses? ming property laws and procedures? ty rights and access? n rebuilding a sense of community? gee camps? uence/activity rating of the regime	m XX XX XX m XX m	Model Implied Connection to Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks Model Implied Connection to Direct Connection to LOE Tasks Model Implied Connection to
	346 54 285 97 351 448 405 147 173	PotableWaterSupplyRating PowersharingMonitoringMoP PrivatizationChangeMoP PropertyLawChangeMoP PropertyRightsAccessRating RebuildSenseOfCommunityActivitiesMoP RefugeeCampsCapacityRating RegimeSponsoredNonMilitaryArmedForces ActivityRating	What is the rating on the available what is the status of monito. What is the status of monito. What is the progress in prival. What is the progress in reform What is the status of proper What is the level of activity is What is the level of activity is What is the number and influ- sponsored, non-military arm What is the level of safeguar key officials?	ailability of potable water? ring power sharing arrangements? atizing governmnet run businesses? ming property laws and procedures? ty rights and access? n rebuilding a sense of community? gee camps? uence/activity rating of the regime led forces?	m XX XX XX m XX m m	Model Implied Connection to Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks Model Implied Connection to Direct Connection to LOE Tasks Model Implied Connection to Model Implied Connection to

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LOE Description

ID	Cor	nnections Source		Date		
	Metl	D Class Name	Defining Question		Lev	Level Description
	183	SecurityForPOActivityMoP	What is the level of security ongoing?	provided for the various peace operations	х	Implied Connection to LOE
	185	SecurityForStabilityActivityMoP	What is the level of security ongoing?	provided for the various stability operations	х	Implied Connection to LOE
	744	SensorsEstablishedMoP	What sensor capability has b	been established?	х	Implied Connection to LOE
	473	SignificantGroupOpinionChangeRating	For each issue and each grou	up, what is the change in opinion?	m	Model Implied Connection to
	422	SocialProtectionProgramsActivityMoP	What is the level of activity i	n providing social protection programs?	ХΧ	Direct Connection to LOE Tasks
	306	SocialSafetyNetChangeMoP	What is the progress in refor	rming the social safety net?	х	Implied Connection to LOE
	8	SocialServicesAdequacyRating	How adequate are child serve throughout society) and effective of the serve and effective of the serve of the	vices, elderly care, etc., in scope (distribution ectiveness?	m	Model Implied Connection to
	168	StabilityOpsActivityMoP		ensity of stability operations?	х	Implied Connection to LOE
	281	StockMarketChangeMoP	What is the progress in refor	rming the stock and commodity markets?	ХΧ	Direct Connection to LOE Tasks
	293	TaxAndTradeChangeMoP	What is the progress in refor	rming tax and trade type policies?	ХΧ	Direct Connection to LOE Tasks
	442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	m	Model Implied Connection to
	56	TransferOfControlToHNChangeMoP	the HN government?	sferring control of government functions to	х	Implied Connection to LOE
	32	TransitionGovtCreationChangeMoP	What is the progress in estal government?	blishing, staffing, and funding a transition	ХХ	Direct Connection to LOE Tasks
	95	WarCrimesActivitiesChangeMoP	What is the progress on war	crimes investigations, tribunals, etc.?	х	Implied Connection to LOE
		isolate insu HN legitima armed insu	irgents; provide cont acy; create division b	narginalize insurgent influence; ext for HN operations; reinforce etween insurgent leadership an		
11	Hart	ley Notional Model		11/23/2011		
	802	DeLegitimizeInsurgentMoP	their aims?	xpended in de-legitimizing insurgents and	ХХ	Direct Connection to LOE Tasks
	801	DeLegitimizeTerrorMoP	How much effort has been e their aims?	xpended in de-legitimizing terrorists and	XX	Direct Connection to LOE Tasks
	780	EntertainmentAvailabilityRating	What is the availability effect	t of entertainment to the public?	х	Implied Connection to LOE
		FreedomOfDomesticMediaRating	What is the level of freedom		х	Implied Connection to LOE
		FreedomOfInternationalMediaRating	country?	of the international media within the	х	Implied Connection to LOE
		ImproveFreeMediaMoP		ended in improving the freedom of media?	XX	Direct Connection to LOE Tasks
		IncreaseInternationalMediaMoP	What is the increase in inter	•	XX	Direct Connection to LOE Tasks
		InformationAvailabilityRating		of information to the public?	х	Implied Connection to LOE
		InformationControl&DisseminationActiviti esMoP	-	nformation control & dissemination?	XX	Direct Connection to LOE Tasks
		JournalistTrainingAndProfessionalizationA ctivityMoP	professionalization projects?		XX	Direct Connection to LOE Tasks
	471	KeyLeaderOpinionRating	For each issue and each lead	ler, what is the opinion?	х	Implied Connection to LOE
	523	MediaInfraCapacityRebuiltMoP		infrastructure has been rebuilt?	ХΧ	Direct Connection to LOE Tasks
	485	NegativePRActivitiesMoP		negative public relations activities?	ХΧ	Direct Connection to LOE Tasks
	469	PopulationOpinionRating	For each issue, what is the p		Х	Implied Connection to LOE
				positive public relations activities?	ХΧ	Direct Connection to LOE Tasks
		PublicRecordsTransparencyRating	exist, availability, public repo	ting for government information (records orting (push), transparency, etc.)?	х	Implied Connection to LOE
	470	SignificantGroupOpinionRating	For each issue and each grou	up, what is the opinion?	х	Implied Connection to LOE

# LOE Nam	ne	LOE Descri	otion		C	Offic Cite
ID Cor	nnections Source			Date		
Metl	D Class Name		Defining Question		Lev	Level Description
	Afaban Covarnman	+ Drovinsial	l .			
	Afghan Governmen					
1 Defend G	overnment Sector			nce, Rule of Law, and Human esses and institutions; defend	~	OntWS3
3 TRAC	CIW Metric Ontology We	orkshop 3		07/15/2011		
75	AdministrationOfJusticeEffe	ectivenessAndF	How effective and fair is the	administration of justice?	Ρ	Primary Importance
149	ArmedForcesProfessionalis	mRating		rating (equipment, manpower, doctrine, dership, organizational culture, history, civil- military?	Р	Primary Importance
253	BlackMarketActivityRating		How large, active, and perva	sive are the black and gray markets?	Р	Primary Importance
7	CentralAuthorityEffectivene	-	capability, etc.), influence ev		Ρ	Primary Importance
66	CorruptionInCultureRating		culture?	of corruption that is prevalent in the HN	Р	Primary Importance
68	CorruptionInLawEnforceme	entRating	organizations?	corruption in law enforcement	Р	Primary Importance
256	Criminal&CorruptActivityN	юР		orrupt activities (intimidation, kidnapping, fficking, bribery, "protection," illicit services, attempted?	Р	Primary Importance
247	CriminalOrganizationActivi	tyRating	What is the activity level/inf	luence/numbers of criminal organizations?	Р	Primary Importance
	DrugCultivationRating		What is the drug cultivation	level?	Р	Primary Importance
	DrugManufactureRating		What is the drug manufactur		Р	Primary Importance
	DrugTransshipmentRating		What is the drug transshipm	ent level?	Р	Primary Importance
	DrugUseRating		What is the drug use level?		Р	Primary Importance
	ExternalAgitatorForcesActiv			e of external forces advocating conflict?	Р	Primary Importance
	FactionalDisputeRating		What is the size and bitterne	-	Р	Primary Importance
	FreedomOfDomesticMedia	0	What is the level of freedom		Р	Primary Importance
	FreedomRating		scale)?	use something like the FreedomHouse	Р	Primary Importance
	GovernanceRating		5	at are the checks on its power?	Р	Primary Importance
3	GovtDecisionAuthorityRatin	-	etc.)?	democratic, theocratic, monarchy, warlords,	Р	Primary Importance
	GovtDecisionMakingRating		elections, dispute resolution		Р	Primary Importance
	GovtLawEnforcementEffect	· ·	organizations?	the government law enforcement	Р	Primary Importance
	GovtMilitaryForcesActivity		forces?	uence/activity rating of the HN military	Р	Primary Importance
	GovtStructuresCapacityRat	-	What is the capacity of the g		Р	Primary Importance
150	HNMilitaryEffectivenessRat		quality, materiel, budget, dis	ganization, oversight, capacity, training cipline, recruiting) of the HN military?	Р	Primary Importance
	InsurgentsActivityRating			uence/activity rating of the insurgents?	Р	Primary Importance
	KeyLeaderPoliticalAgitator	0	What is the influence of anti		Р	Primary Importance
	KeyLeaderPoliticalProPeace	-	What is the influence of pro-		Р	Primary Importance
	KeyLeaderPoliticalRating		What is the influence of each		Р	Primary Importance
	MilitaryStructuresCapacity	-	What is the capacity of the n	-	Р	Primary Importance
	OppositionPartyUseOfForce	-	wholly against to active use		P	Primary Importance
	OverallCrimeRating		What is the overall crime lev		Р	Primary Importance
	PerceptionByPeopleThatTh RepresentedRating			people that their interests are represented?	P	Primary Importance
	oFE		· · ·	ception of a safe and secure environment?	Р	Primary Importance
	PropertyRightsAccessRating		What is the status of proper		Р	Primary Importance
197	TerroristsActivityRating		What is the number and influence	uence/activity rating of the terrorists?	Р	Primary Importance

# LOE	Nam	LOE [Description		C	Offic Cite
ID	Cor	nections Source		Date		
	MetI	Class Name	Defining Question		Lev	Level Description
11	Hartl	ey Notional Model		11/23/2011		
	75	AdministrationOfJusticeEffectivenes airnessRating	sAndF How effective and fair is the	administration of justice?	х	Implied Connection to LOE
	822	BuildPrisonsMoP	How much prison infrastruc	ture is built?	ΧХ	Direct Connection to LOE Tasks
	69	CorruptionInCentralAuthorityRating	What is the existing level of	corruption in the central authority?	х	Implied Connection to LOE
	68	CorruptionInLawEnforcementRating	What is the existing level of organizations?	corruption in law enforcement	Х	Implied Connection to LOE
	198	CorruptionInMilitaryRating	What is the existing level of	corruption in the military?	х	Implied Connection to LOE
	67	CorruptionInSocialServicesRating	What is the existing level of services?	corruption in the government social	х	Implied Connection to LOE
	26	ElectionsConductedChangeMoP	What is the progress in plan elections?	ning, executing, monitoring, and publicizing	ХХ	Direct Connection to LOE Tasks
	91	GovtCorruptionMonitoringMoP	What is the level of monitor	ing for corruption by government officials	ΧХ	Direct Connection to LOE Tasks
	579	GovtStructuresCapacityRebuiltMoP	What capacity of the govern	ment infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
	93	HumanRightsMonitoringMoP	What is the level of monitor	ing for human rights practices?	ХХ	Direct Connection to LOE Tasks
	797	ImproveFreeMediaMoP	What efforts have been expe	ended in improving the freedom of media?	ХХ	Direct Connection to LOE Tasks
	796	ImproveHNCivilMilitaryMoP	What efforts have been exp the HN civil govt and the HN	ended in improving the connection between I military?	ХХ	Direct Connection to LOE Tasks
	794	ImproveHNExecutiveMoP	What amount of effort has b processes?	been expended in improving HN executive	ХХ	Direct Connection to LOE Tasks
	793	ImproveHNLegislativeMoP	What amount of effort has b processes?	been expended in improving HN legislative	ХХ	Direct Connection to LOE Tasks
	799	ImproveHNMISMoP	How much has the HN MIS b	been improved?	ΧХ	Direct Connection to LOE Tasks
	810	JudicialActivitiesMoP	How many trials, decisions,	etc., are performed?	ХХ	Direct Connection to LOE Tasks
	87	LegalSystemChangeMoP	What is the progress in refo	rming the legitimate legal system?	ХХ	Direct Connection to LOE Tasks
	63	LegalSystemTradition	What is the legal system tra religious, Asian), no law, etc	dition: common law, civil law (e.g., French, .?	х	Implied Connection to LOE
	85	PenalSystemChangeMoP	What is the progress in esta	blishing humane penal systems?	ХХ	Direct Connection to LOE Tasks
	74	PoliticalPersecutionRating	What is the level of political	persecution?	х	Implied Connection to LOE
	795	ReduceCorruptionMoP	-	ended in reducing corruption in all areas?	ХХ	Direct Connection to LOE Tasks
	95	WarCrimesActivitiesChangeMoP	What is the progress on war	crimes investigations, tribunals, etc.?	ХХ	Direct Connection to LOE Tasks
2 Prom	note	Economic and Prome	ote economic and social d	evelopment: reduce poverty;	\checkmark	OntWS3

2 Promote Economic and Social Development

Promote economic and social development: reduce poverty; ensure sustainable development through a private-sector-led market economy; improve human development indicators

3 TRAC	CIW Metric Ontology Workshop 3	07/15/2011		
230	AgBusinessRating	What is the status of agricultural businesses?	Р	Primary Importance
229	AgProductionMoP	What is the level of agricultural production?	Ρ	Primary Importance
239	AgSupportActivityMoP	What is the activity level of agricultural support programs?	Р	Primary Importance
231	ArableLandCapacityRating	What is the capacity of arable land?	Р	Primary Importance
253	BlackMarketActivityRating	How large, active, and pervasive are the black and gray markets?	Р	Primary Importance
496	BusinessInfraCapacityRating	What is the capacity of shops and commercial structures?	Р	Primary Importance
7	CentralAuthorityEffectivenessRating	How effectively does it govern: political capacity (tax collection capability, etc.), influence events?	Ρ	Primary Importance
121	ConflictCivilianDeathAndInjuryRating	What is the death and injury rate for civilians from conflict?	Ρ	Primary Importance
66	CorruptionInCultureRating	What is the perceived level of corruption that is prevalent in the HN culture?	Ρ	Primary Importance
256	Criminal&CorruptActivityMoP	What numbers of crimes & corrupt activities (intimidation, kidnapping, murder, smuggling, drug trafficking, bribery, "protection," illicit services, self-dealing, etc.) have been attempted?	Р	Primary Importance
247	CriminalOrganizationActivityRating	What is the activity level/influence/numbers of criminal organizations?	Р	Primary Importance
428	CulturalPopulationActivityRating	What is the size and influence of the cultural divisions of the population?	Р	Primary Importance
244	DrugCropReductionMoP	What is the progress in reducing drug crops?	Р	Primary Importance
250	DrugCultivationRating	What is the drug cultivation level?	Р	Primary Importance
251	DrugManufactureRating	What is the drug manufacture level?	Ρ	Primary Importance
252	DrugTransshipmentRating	What is the drug transshipment level?	Ρ	Primary Importance

LOE Description

LUE I	van	LUE Descri	ption		C	
ID	Cor	nnections Source		Date		
	Metl	D Class Name	Defining Question		Lev	Level Description
		DrugUseRating	What is the drug use level?	durantiana informationa 2	Р	Primary Importance
		EducationInfraCapacityRating	What is the capacity of the e		P	Primary Importance
		EnergySupplyAndDistributionLevelRating		r energy supply and distribution?	Р	Primary Importance
		FirstRespondersActivityRating	activity?	are there; what is their influence and	Р	Primary Importance
		FoodSupplyRating	What is the rating on the ava	ailable food supply?	Р	Primary Importance
		GeneralEconomyRatingMoFE	What is the rating for the ov		Р	Primary Importance
		GeneralEnergyInfraCapacityRating	What is the capacity of the g	eneral energy infrastructure?	Р	Primary Importance
	320	GeneralInfrastructureRatingMoFE	What is the rating for the ov	erall infrastructure?	Р	Primary Importance
	4	GovernanceRating	How well does it govern; wh	at are the checks on its power?	Р	Primary Importance
	573	GovtStructuresCapacityRating	What is the capacity of the g	overnment infrastructure?	Р	Primary Importance
	535	HealthInfraCapacityRating	What is the capacity of the h	ealth infrastructure?	Р	Primary Importance
	380	JobRelatedEducationalSystemRating		educational system to produce job-worthy ral knowledge and skills level and at the skills level)?	Ρ	Primary Importance
	574	MilitaryStructuresCapacityRating	What is the capacity of the n	nilitary infrastructure?	Р	Primary Importance
	265	MonetaryHealthRating	What is the health of the HN	money (inflation, deflation, etc.)?	Р	Primary Importance
	767	NaturalResourcesRating	How are natural resources re	epresented?	Р	Primary Importance
	418	$\label{eq:perceptionOfSafeAndSecureEnvironmentM} \\ oFE$	What is the rating on the per	rception of a safe and secure environment?	Ρ	Primary Importance
	346	PotableWaterSupplyRating	What is the rating on the ava	ailability of potable water?	Р	Primary Importance
	351	PropertyRightsAccessRating	What is the status of proper	ty rights and access?	Р	Primary Importance
	438	ReligiousBuildingsCapacityRating	What is the capacity of religi	ious buildings?	Р	Primary Importance
	429	ReligiousPopulationActivityRating		e of the religious divisions of the population	Р	Primary Importance
		RoadCapacityRating	What is the capacity of the r	•	Р	Primary Importance
		SatisfactionOfHealthRequirementsRating		ion of the people's health requirements?	Р	Primary Importance
		ServiceBusinessRating	What is the status of service		Р	Primary Importance
		SocialServicesAdequacyRating		vices, elderly care, etc., in scope (distribution	P	Primary Importance
	611	TransportInfraCapacityRating	•	eneral transportation infrastructure?	Р	Primary Importance
	662	WaterDistributionInfraCapacityRating	What is the capacity of the v	vater distribution infrastructure?	Р	Primary Importance
		ley Notional Model		11/23/2011		
	297	AcceptableJobAvailabilityRating	What is the level of acceptat	ble job availability?	х	Implied Connection to LOE
	416	AntiPopulationMovementActivitiesMoP	What is the level of activities movements?	s to reduce the likelihood of population	ХХ	Direct Connection to LOE Tasks
	383	CivicEducationProjectsActivityMoP	What is the progress in civic	education projects?	ΧХ	Direct Connection to LOE Tasks
	291	CommercialLawChangeMoP	What is the progress in refor	rming commercial law?	ΧХ	Direct Connection to LOE Tasks
	275	CurrencyChangeMoP	What is the progress in refor	rming the currency?	ΧХ	Direct Connection to LOE Tasks
	392	DeathAndIIInessFromHealthIssuesRating	What is the death and illness	s rate from disease or other health issues?	х	Implied Connection to LOE
	879	DecreaseExpatriatesMoP	What is the decrease in expa	striates?	ΧХ	Direct Connection to LOE Tasks
	873	DecreaseIDPsMoP	What is the decrease in IDPs	?	ΧХ	Direct Connection to LOE Tasks
	875	DecreaseMigrantsMoP	What is the decrease in migr	ants?	ХХ	Direct Connection to LOE Tasks
		DecreaseRefugeesMoP	What is the decrease in refu	gees?	ХХ	Direct Connection to LOE Tasks
		•	What is the progress in econ	omic integration and cooperation s and subsidies, debt management, arrears	ХХ	Direct Connection to LOE Tasks
	287	EconomicPolicyChangeMoP		ming government economic policy?	хх	Direct Connection to LOE Tasks
		EducationInfraCapacityRebuiltMoP		ion infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
		EmploymentLevelRating	What is the employment lev		х	Implied Connection to LOE
		GeneralEconomyRatingMoFE	What is the rating for the ov		x	Implied Connection to LOE
		HealthInfraCapacityRebuiltMoP	•	infrastructure has been rebuilt?	XX	Direct Connection to LOE Tasks
		IllnessCausedByFamineEpidemicMoP		aused by health emergencies, such as	XX	Direct Connection to LOE Tasks
	271	InsuranceSystemChangeMoP	•	ming the insurance system (and related	ХХ	Direct Connection to LOE Tasks

LOE Name

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LOE Description

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Col	nnections Source		Date		
Metl	D Class Name	Defining Question		Lev	Level Description
273	InterbanksPaymentSystemChangeMoP	What is the progress in refor its related pieces)?	ming the interbanks payment system (and	хх	Direct Connection to LOE Tasks
277	InvestmentCapitalActionsMoP	What is the level of activity i	n seeking investment capital for the country?	ΧХ	Direct Connection to LOE Tasks
380	JobRelatedEducationalSystemRating		educational system to produce job-worthy ral knowledge and skills level and at the skills level)?	х	Implied Connection to LOE
398	MedicalTreatmentProvidedMoP	What is the quantity of medi	cal treatment provided?	ΧХ	Direct Connection to LOE Tasks
279	MicrofinanceSystemChangeMoP	What is the progress in refor	ming microfinance systems?	ΧХ	Direct Connection to LOE Tasks
418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the per	rception of a safe and secure environment?	х	Implied Connection to LOE
285	PrivatizationChangeMoP	What is the progress in priva	tizing governmnet run businesses?	ΧХ	Direct Connection to LOE Tasks
787	ReduceFinanceCrimesMoP	What amount of finance crim	ne has been detected?	ΧХ	Direct Connection to LOE Tasks
788	ReduceIPTheftMoP	What amount of intellectual detected?	property theft, cyber crimes, has been	ХХ	Direct Connection to LOE Tasks
420	RefugeeCampSecurityActivityMoP	What is the level of security	provided for refugee camps?	ΧХ	Direct Connection to LOE Tasks
414	ResettledPeopleChangeMoP	How many people have been	n resettled?	ΧХ	Direct Connection to LOE Tasks
394	SatisfactionOfHealthRequirementsRating	What is the level of satisfact	ion of the people's health requirements?	х	Implied Connection to LOE
422	SocialProtectionProgramsActivityMoP	What is the level of activity i	n providing social protection programs?	ΧХ	Direct Connection to LOE Tasks
306	SocialSafetyNetChangeMoP	What is the progress in refor	ming the social safety net?	ΧХ	Direct Connection to LOE Tasks
8	SocialServicesAdequacyRating	How adequate are child serve throughout society) and effective of the server of the se	ices, elderly care, etc., in scope (distribution ctiveness?	х	Implied Connection to LOE
281	StockMarketChangeMoP	What is the progress in refor	ming the stock and commodity markets?	ΧХ	Direct Connection to LOE Tasks
293	TaxAndTradeChangeMoP	What is the progress in refor	ming tax and trade type policies?	ΧХ	Direct Connection to LOE Tasks
388	TeacherJobsCreatedMoP	What is the number of teach	er jobs created?	ΧХ	Direct Connection to LOE Tasks
387	TeachersTrainedMoP	What is the progress in train	ing teachers?	ΧХ	Direct Connection to LOE Tasks
minate	Narcotics Industry Eliminate n	arcotics industry: eli	minate opium production	\checkmark	OntWS3

Data

3 Eliminate Narcotics Industry Eliminate narcotics industry: eliminate opium production facilities; eliminate opium fields; provide alternative agriculture

3 TRAC IW Metric Ontology Workshop 3

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75	AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the administration of justice?	Р	Primary Importance
230	AgBusinessRating	What is the status of agricultural businesses?	Р	Primary Importance
229	AgProductionMoP	What is the level of agricultural production?	Р	Primary Importance
239	AgSupportActivityMoP	What is the activity level of agricultural support programs?	Р	Primary Importance
231	ArableLandCapacityRating	What is the capacity of arable land?	Р	Primary Importance
121	ConflictCivilianDeathAndInjuryRating	What is the death and injury rate for civilians from conflict?	Р	Primary Importance
66	CorruptionInCultureRating	What is the perceived level of corruption that is prevalent in the HN culture?	Р	Primary Importance
68	CorruptionInLawEnforcementRating	What is the existing level of corruption in law enforcement organizations?	Р	Primary Importance
256	Criminal&CorruptActivityMoP	What numbers of crimes & corrupt activities (intimidation, kidnapping, murder, smuggling, drug trafficking, bribery, "protection," illicit services, self-dealing, etc.) have been attempted?	Ρ	Primary Importance
247	CriminalOrganizationActivityRating	What is the activity level/influence/numbers of criminal organizations?	Р	Primary Importance
244	DrugCropReductionMoP	What is the progress in reducing drug crops?	Р	Primary Importance
47	FactionalDisputeRating	What is the size and bitterness of factional disputes?	Р	Primary Importance
5	FirstRespondersActivityRating	How many first responders are there; what is their influence and activity?	Р	Primary Importance
319	GeneralEconomyRatingMoFE	What is the rating for the overall economy?	Р	Primary Importance
3	GovtDecisionAuthorityRating	Who has power (autocratic, democratic, theocratic, monarchy, warlords, etc.)?	Р	Primary Importance
71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	Р	Primary Importance
196	InsurgentsActivityRating	What is the number and influence/activity rating of the insurgents?	Р	Primary Importance
40	KeyLeaderPoliticalAgitatorRating	What is the influence of anti-peace key political leaders?	Р	Primary Importance
39	KeyLeaderPoliticalProPeaceRating	What is the influence of pro-peace key political leaders?	Р	Primary Importance
62	OverallCrimeRating	What is the overall crime level?	Р	Primary Importance

# LOE Nam	ne	LOE Descri	ption		С	Offic Cite
ID Cor	nnections Source			Date		
MetII	D Class Name		Defining Question		Lev	Level Description
418	PerceptionOfSafeAndSecure oFE	eEnvironmentM	What is the rating on the pe	rception of a safe and secure environment?	Р	Primary Importance
	TerroristsActivityRating		What is the number and infl	luence/activity rating of the terrorists? 11/23/2011	Р	Primary Importance
	-		NAU-11-1-11-1-11-11-1-1-1-6			
	AgSupportActivityMoP		=	agricultural support programs?	XX	Direct Connection to LOE Task Direct Connection to LOE Task
	DrugCropReductionMoP DrugCultivationRating		What is the progress in redu What is the drug cultivation		XX	Implied Connection to LOE
	DrugManufactureRating		What is the drug manufactu		x	Implied Connection to LOE
	DrugTransshipmentRating		What is the drug transshipn		X	Implied Connection to LOE
	DrugUseRating		What is the drug use level?		x x	Implied Connection to LOE
	InterdictDrugsMoP		What quantity of drugs have	a baan interdicted?	XX	Direct Connection to LOE Tas
	ReduceDrugDemandMoP			nd reduction activity has been undertaken?	XX	Direct Connection to LOE Tas
	-	<u>.</u>	-	-		
Gain Trus	it of Public		•	rupt treatment of population by id of Taliban; improve		² OntWS3
		transparen	су			
3 TRAC	CIW Metric Ontology Wo	orkshop 3		07/15/2011		
75	AdministrationOfJusticeEffe airnessRating	ectivenessAndF	How effective and fair is the	e administration of justice?	Р	Primary Importance
149	ArmedForcesProfessionalis	mRating		rating (equipment, manpower, doctrine, adership, organizational culture, history, civil- I military?	Р	Primary Importance
253	BlackMarketActivityRating		How large, active, and perva	asive are the black and gray markets?	Р	Primary Importance
496	BusinessInfraCapacityRating	g	What is the capacity of shop	os and commercial structures?	Р	Primary Importance
121	ConflictCivilianDeathAndInj	uryRating	What is the death and injury	y rate for civilians from conflict?	Р	Primary Importance
	CorruptionInCultureRating		culture?	of corruption that is prevalent in the HN	Р	Primary Importance
	CorruptionInLawEnforceme	-	organizations?	corruption in law enforcement	P	Primary Importance
256	Criminal&CorruptActivityM	OP		corrupt activities (intimidation, kidnapping, afficking, bribery, "protection," illicit services, a attempted?	Р	Primary Importance
247	CriminalOrganizationActivity	yRating	What is the activity level/in	fluence/numbers of criminal organizations?	Р	Primary Importance
428	CulturalPopulationActivityR	ating	What is the size and influen	ce of the cultural divisions of the population?	Р	Primary Importance
250	DrugCultivationRating		What is the drug cultivation	level?	Р	Primary Importance
251	DrugManufactureRating		What is the drug manufactu	ire level?	Р	Primary Importance
	DrugTransshipmentRating		What is the drug transshipn	nent level?	Р	Primary Importance
249	DrugUseRating		What is the drug use level?		Р	Primary Importance
	EducationInfraCapacityRati	•	What is the capacity of the e		Р	Primary Importance
	U U	/ityRating		ce of external forces advocating conflict?	Р	Primary Importance
	FactionalDisputeRating		What is the size and bittern	•	Р	Primary Importance
	FoodSupplyRating		What is the rating on the av		Р	Primary Importance
	FreedomOfDomesticMedial	•	What is the level of freedom		Р	Primary Importance
	, ,		What is the rating for the owner the	,	Р	Primary Importance
	65 1 3			general energy infrastructure?	Р	Primary Importance
	GeneralInfrastructureRating	gMoFE	What is the rating for the ov		Р	Primary Importance
	GovernanceRating		•	hat are the checks on its power?	Р	Primary Importance
	GovtLawEnforcementEffect	ivenssRating	organizations?	the government law enforcement	Р D	Primary Importance
	GovtLeaderChangeRating GovtMilitaryForcesActivity	Rating	revolution?	e: elections, hereditary succession, coup, luence/activity rating of the HN military	P P	Primary Importance Primary Importance
	GovtStructuresCapacityRati	Ū	forces? What is the capacity of the g		P	Primary Importance
	22. toti aotai 030apaoityNati			health infrastructure?	P	Primary Importance

LOE Description

ID	Cor	nnections Source		Date		
	Metl	D Class Name	Defining Question		Lev	Level Description
	150	HNMilitaryEffectivenessRatingMoFE		ganization, oversight, capacity, training scipline, recruiting) of the HN military?	Ρ	Primary Importance
	196	InsurgentsActivityRating	What is the number and influ	uence/activity rating of the insurgents?	Р	Primary Importance
	380	JobRelatedEducationalSystemRating		educational system to produce job-worthy ral knowledge and skills level and at the skills level)?	Ρ	Primary Importance
	40	KeyLeaderPoliticalAgitatorRating	What is the influence of anti-	-peace key political leaders?	Р	Primary Importance
	39	KeyLeaderPoliticalProPeaceRating	What is the influence of pro-	peace key political leaders?	Р	Primary Importance
	42	KeyLeaderPoliticalRating	What is the influence of each	n key political leader?	Р	Primary Importance
	574	MilitaryStructuresCapacityRating	What is the capacity of the n	nilitary infrastructure?	Р	Primary Importance
	767	NaturalResourcesRating	How are natural resources re	epresented?	Р	Primary Importance
	46	OppositionPartyUseOfForceRating	What is the oppositions stan wholly against to active use	ce on the use of force, measured from of force?	Р	Primary Importance
	62	OverallCrimeRating	What is the overall crime lev	rel?	Р	Primary Importance
	440	PerceptionByPeopleThatTheirInterestsAre RepresentedRating	What is the level of belief by	people that their interests are represented?	Р	Primary Importance
	418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the per	rception of a safe and secure environment?	Ρ	Primary Importance
	346	PotableWaterSupplyRating	What is the rating on the ava	ailability of potable water?	Р	Primary Importance
	351	PropertyRightsAccessRating	What is the status of propert	ty rights and access?	Р	Primary Importance
	429	ReligiousPopulationActivityRating	What is the size and influence	e of the religious divisions of the population	Р	Primary Importance
	612	RoadCapacityRating	What is the capacity of the re	oad infrastructure?	Р	Primary Importance
	394	SatisfactionOfHealthRequirementsRating	What is the level of satisfact	ion of the people's health requirements?	Р	Primary Importance
	197	TerroristsActivityRating	What is the number and influ	uence/activity rating of the terrorists?	Р	Primary Importance
	611	TransportInfraCapacityRating	What is the capacity of the g	eneral transportation infrastructure?	Р	Primary Importance
	662	WaterDistributionInfraCapacityRating	What is the capacity of the w	vater distribution infrastructure?	Р	Primary Importance
11	Hart	ley Notional Model		11/23/2011		
	69	CorruptionInCentralAuthorityRating	What is the existing level of	corruption in the central authority?	х	Implied Connection to LOE
		CorruptionInLawEnforcementRating	organizations?	corruption in law enforcement	х	Implied Connection to LOE
		CorruptionInMilitaryRating	What is the existing level of	1	х	Implied Connection to LOE
	67	CorruptionInSocialServicesRating	What is the existing level of eservices?	corruption in the government social	х	Implied Connection to LOE
	91	GovtCorruptionMonitoringMoP		ng for corruption by government officials	ХΧ	Direct Connection to LOE Tasks
	106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitim	acy level of the HN government?	х	Implied Connection to LOE
		InformationAvailabilityRating	,	of information to the public?	х	Implied Connection to LOE
	108	InstitutionsOfGovernanceEffectivenessAnd FairnessRatingMoFE	How effective and fair are th	e institutions of governance?	Х	Implied Connection to LOE
	441	PerceptionByPeopleOfChangesInTheirSocia IStatusRating	What is the belief by people	that changes in their social status is good?	Х	Implied Connection to LOE
	440	PerceptionByPeopleThatTheirInterestsAre RepresentedRating	What is the level of belief by	people that their interests are represented?	х	Implied Connection to LOE
	461	PublicRecordsTransparencyRating		ting for government information (records orting (push), transparency, etc.)?	х	Implied Connection to LOE
	795	ReduceCorruptionMoP	What efforts have been expe	ended in reducing corruption in all areas?	ΧХ	Direct Connection to LOE Tasks
	48	ResolutionOfDifferencesByCompetingGrou psRating	What is the method of resolution ranging from violent conflict	ving differences between pairs of groups, to peaceful negotiation?	х	Implied Connection to LOE
	442	ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	х	Implied Connection to LOE

# LOE	Nam	LOE Descr	iption		0	offic Cite
ID	Cor	nections Source		Date		
	Metll	D Class Name	Defining Question		Lev	Level Description
		NCO- Afrikanistan (s. n. Daata				
LOE Owne		NGOs-Afghanistan (e.g., Doctor			~	1
1 Imple	emer	nt USG programs. Implement	contracted program	S	V	OntWS3
3	TRAC	IW Metric Ontology Workshop 3		07/15/2011		
	242	AgPolicyChangeMoP	What is the progress in refo		Р	Primary Importance
		BasicNaturalResourceCapacityRating	5	I basic natural resources capacity?	Р	Primary Importance
		CentralAuthorityEffectivenessRating	capability, etc.), influence ev		Р	Primary Importance
		CivicEducationProjectsActivityMoP	What is the progress in civic		Р	Primary Importance
	109	CivilStabilityAndDurablePeaceLevelRating MoPE	What is the level of civil stat	ility and durable peace?	Ρ	Primary Importance
	30	ConstitutionReformChangeMoP	What is the progress in cons	titutional reform?	Р	Primary Importance
	152	DemobProcessChangeMoP	What is the progress in dem military and paramilitary un	obilizing, reducing, and reintegrating its?	Ρ	Primary Importance
	26	ElectionsConductedChangeMoP	What is the progress in plan elections?	ning, executing, monitoring, and publicizing	Ρ	Primary Importance
	320	GeneralInfrastructureRatingMoFE	What is the rating for the ov	erall infrastructure?	Р	Primary Importance
	4	GovernanceRating	-	hat are the checks on its power?	Р	Primary Importance
	71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of organizations?	the government law enforcement	Р	Primary Importance
	16	GovtPersonnelEducatedChangeMoP	What is the progress in educ government staff, etc.?	ating civil service, legislative staff, local	Ρ	Primary Importance
	24	GovtReformChangeMoP	What is the progress in refor	rming all parts and levels of HN government?	Р	Primary Importance
	50	MediationNegotiationsPersuasionMoP	What is the amount of medi have been undertaken?	ation, negotiation & persuasion efforts that	Ρ	Primary Importance
	418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the pe	rception of a safe and secure environment?	Ρ	Primary Importance
	22	PoliticalLeadersTrainedMoP	What is the progress in train duties as well as civil politics	ning new political leaders in constitutional s?	Ρ	Primary Importance
	173	SafeguardingGovernanceActivityMoP	What is the level of safeguar key officials?	rding of the institutions of governance and	Ρ	Primary Importance
	8	SocialServicesAdequacyRating	throughout society) and effe		Ρ	Primary Importance
	56	TransferOfControlToHNChangeMoP	What is the progress in trans the HN government?	sferring control of government functions to	Р	Primary Importance
	32	TransitionGovtCreationChangeMoP	government?	blishing, staffing, and funding a transition	Ρ	Primary Importance
		WaterAndSewageTreatmentInfraCapacityR ebuiltMoP	been rebuilt?	and sewage treatment infrastructure has	Р	Primary Importance
	668	WaterDistributionInfraCapacityRebuiltMoP	What capacity of the water	distribution infrastructure has been rebuilt?	Р	Primary Importance
11	Hartl	ey Notional Model		11/23/2011		
	372	CivilianHousingCapacityRebuiltMoP	What is the capacity of civili	an housing that has been rebuilt?	ΧХ	Direct Connection to LOE Task
	532	EducationInfraCapacityRebuiltMoP	What capacity of the educat	ion infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Task
	385	EducationSuppliesProvidedMoP	What is the quantity of educ	ation supplies provided?	ΧХ	Direct Connection to LOE Tas
	539	HealthInfraCapacityRebuiltMoP	What capacity of the health	infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tas
	444	ReligiousBuildingsCapacityRebuildingMoP	What is the capacity of relig	ious buildings that has been rebuilt?	ΧХ	Direct Connection to LOE Tas
	388	TeacherJobsCreatedMoP	What is the number of teach		ΧХ	Direct Connection to LOE Tas
	387	TeachersTrainedMoP	What is the progress in train	ing teachers?	ΧХ	Direct Connection to LOE Tas
	672	WaterAndSewageTreatmentInfraCapacityR ebuiltMoP	What capacity of the water a been rebuilt?	and sewage treatment infrastructure has	ХХ	Direct Connection to LOE Tas
	668	WaterDistributionInfraCapacityRebuiltMoP	What capacity of the water	distribution infrastructure has been rebuilt?		Direct Connection to LOE Tas
2 Provi Assis			imanitarian Assistanc	e to population	✓	OntWS3
3	TRAC	IW Metric Ontology Workshop 3		07/15/2011		
5			What is the activity lovel of		D	Drimary Importance
	139	BorderControlActivityMoP	freedom of movement opera	border control, boundary security, and ations?	Ρ	Primary Importance

LOE Description

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D	Cor	nnections Source		Date		
	MetI	D Class Name	Defining Question		Lev	Level Description
	350	CivilianHousingCapacityRating	What is the status of civilian	housing capacity?	Р	Primary Importance
	392	DeathAndIIInessFromHealthIssuesRating	What is the death and illness	s rate from disease or other health issues?	Р	Primary Importance
	5	FirstRespondersActivityRating	How many first responders a activity?	are there; what is their influence and	Р	Primary Importance
	356	FoodDistributedMoP	What is the quantity of food	distributed?	Р	Primary Importance
	354	FoodImportedMoP	What is the quantity of food	imported?	Р	Primary Importance
	345	FoodSupplyRating	What is the rating on the ava		Р	Primary Importance
	216	HAActivityMoP	What is the activity level/int operations?	ensity of Humanitarian Assistance	Р	Primary Importance
		HumanitarianReliefStockPrepositionedMo P	What is the quantity of huma prepositioned?	anitarian relief stocks that have been	Р	Primary Importance
		NegotiationWBureaucraciesActivitiesMoP	What is the measure of nego people?	otiation with bureacracies to get relief for	Р	Primary Importance
	62	OverallCrimeRating	What is the overall crime lev	vel?	Р	Primary Importance
		edMoFE		ion of the people's overall immediate needs?	Р	Primary Importance
		PollutionRating		on (individual, agricultural, industrial)?	Р	Primary Importance
		PotableWaterSupplyRating	What is the rating on the ava		Р	Primary Importance
		PrecipitationRating	What is the precipitation lev	-	Р	Primary Importance
	405	RefugeeCampsCapacityRating	What is the capacity of refug	jee camps?	Р	Primary Importance
	420	RefugeeCampSecurityActivityMoP	What is the level of security	provided for refugee camps?	Р	Primary Importance
	414	ResettledPeopleChangeMoP	How many people have been	n resettled?	Р	Primary Importance
	360	SanitationAndWasteWaterProjectsChange MoP		tation and waste water projects?	Р	Primary Importance
	181	SecurityForHAActivityMoP	What is the level of security Assistance operations ongoin	provided for the various Humanitarian ng?	Р	Primary Importance
	370	TemporaryShelterCapacityProvidedMoP	What is the capacity of temp provided?	oorary shelter/housing/refugee camps	Р	Primary Importance
	349	WasteWaterTreatmentRating	What is the quality of waster	water treatment?	Р	Primary Importance
	358	WaterDistributedMoP	What is the quantity of wate	er distributed?	Р	Primary Importance
11	Hartl	ley Notional Model		11/23/2011		
	372	CivilianHousingCapacityRebuiltMoP	What is the capacity of civilia	an housing that has been rebuilt?	ΧХ	Direct Connection to LOE
	366	DurableGoodsDistributedMoP	What is the quantity of non-	food and non-water relief items distributed?	ΧХ	Direct Connection to LOE
	356	FoodDistributedMoP	What is the quantity of food	distributed?	ΧХ	Direct Connection to LOE
	354	FoodImportedMoP	What is the quantity of food	imported?	ХХ	Direct Connection to LOE
	400	HealthCareProjectsChangeMoP	What is the progress in healt	th care projects?	ХХ	Direct Connection to LOE
	374	HumanitarianReliefStockPrepositionedMo P	What is the quantity of huma prepositioned?	anitarian relief stocks that have been	ХХ	Direct Connection to LOE
	398	MedicalTreatmentProvidedMoP	What is the quantity of medi	ical treatment provided?	ΧХ	Direct Connection to LOE
	376	NegotiationWBureaucraciesActivitiesMoP	What is the measure of nego people?	btiation with bureacracies to get relief for	ХХ	Direct Connection to LOE
	352	Overall Immediate Needs Of The People Satisfield MoFE	What is the level of satisfact	ion of the people's overall immediate needs?	х	Implied Connection to LO
	362	PollutionReductionProjectsMoP	What is the progress in pollu		ХΧ	Direct Connection to LOE
	414	ResettledPeopleChangeMoP	How many people have been	n resettled?	ΧХ	Direct Connection to LOE
		SanitationAndWasteWaterProjectsChange MoP		tation and waste water projects?	ХХ	Direct Connection to LOE
		TemporaryShelterCapacityProvidedMoP	provided?	oorary shelter/housing/refugee camps	XX	Direct Connection to LOE
		WaterAndSewageTreatmentInfraCapacityR ebuiltMoP	been rebuilt?	-	XX	Direct Connection to LOE
		WaterDistributedMoP WaterDistributionInfraCapacityRebuiltMoP	What is the quantity of wate What capacity of the water of		XX XX	Direct Connection to LOE
eint	force	e Medical Reforms Reinforce r	eforms across GIRoA	medical infrastructure.	✓	OntWS3
3	TRAC	CIW Metric Ontology Workshop 3		07/15/2011		

3 TRAC IW Metric Ontology Workshop 3

07/15/2011

392 DeathAndIIInessFromHealthIssuesRating What is the death and illness rate from disease or other health issues?

#	LOE Name
Ħ	LUL Maine

LOE Description

ID C	onnections Source	Date		
Me	tID Class Name	Defining Question	Lev	Level Description
	5 FirstRespondersActivityRating	How many first responders are there; what is their influence and activity?	Ρ	Primary Importance
2	0 FirstRespondersInvestmentMoP	What is the \$ investment in first responders?	Р	Primary Importance
1	9 FirstRespondersJobsCreatedMoP	How many first responder jobs have been created?	Р	Primary Importance
1	8 FirstRespondersTrainedMoP	What is the progress in training first responders?	Р	Primary Importance
40	0 HealthCareProjectsChangeMoP	What is the progress in health care projects?	Р	Primary Importance
54	1 HealthInfraCapacityDamagedMoP	What capacity of the health infrastructure has been damaged?	Р	Primary Importance
53	5 HealthInfraCapacityRating	What is the capacity of the health infrastructure?	Р	Primary Importance
53	9 HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	Р	Primary Importance
39	6 IllnessCausedByFamineEpidemicMoP	What is the level of illness caused by health emergencies, such as famine, epidemic, etc.?	Р	Primary Importance
39	8 MedicalTreatmentProvidedMoP	What is the quantity of medical treatment provided?	Р	Primary Importance
39	4 SatisfactionOfHealthRequirementsRating	What is the level of satisfaction of the people's health requirements?	Р	Primary Importance
11 Hai	rtley Notional Model	11/23/2011		
47	9 GovtLiaisonProgramActivitiesMoP	What is the level of activity in liaison with he HN government?	ХХ	Direct Connection to LOE Tasks
40	0 HealthCareProjectsChangeMoP	What is the progress in health care projects?	ΧХ	Direct Connection to LOE Tasks
53	9 HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
5	0 MediationNegotiationsPersuasionMoP	What is the amount of mediation, negotiation & persuasion efforts that have been undertaken?	ХХ	Direct Connection to LOE Tasks
39	8 MedicalTreatmentProvidedMoP	What is the quantity of medical treatment provided?	ΧХ	Direct Connection to LOE Tasks
39	4 SatisfactionOfHealthRequirementsRating	What is the level of satisfaction of the people's health requirements?	х	Implied Connection to LOE

# LOE Na	me	LOE Descr	iption		0	ffic Cite
ID Co	onnections Source			Date		
Me	tID Class Name		Defining Question		Lev	Level Description
LOE Owner	Afghan Taliban Gro	ups				
1 Expel Fo	oreign Forces	operation	ecurity rather than popu	fghanistan AO: limit orces; force foreign forces to ulation interaction; provoke	~	OntWS3
3 TRA	AC IW Metric Ontology W	orkshop 3		07/15/2011		
74	8 CommandAndControlEstat	lishedMoP	What command and control pro	ocesses have been established?	Р	Primary Importance
	6 CommunicationsEstablishe		What communications capabilit			Primary Importance
	1 ConflictCivilianDeathAndIn		What is the death and injury rat	-		Primary Importance
	2 ExternalAdvisorsRating	julynanig		advisors to HN govt and judicial system		Primary Importance
	4 ExternalGovtAdvisorsMoP		What is the number & influence government (not counting Rule	e of external advisors to the HN		Primary Importance
46	5 FreedomOfInternationalM	ediaRating	What is the level of freedom of country?	the international media within the	Ρ	Primary Importance
	3 GovtDecisionAuthorityRati	•	Who has power (autocratic, der etc.)?	mocratic, theocratic, monarchy, warlords,	Р	Primary Importance
57	9 GovtStructuresCapacityRel	builtMoP	What capacity of the governme	nt infrastructure has been rebuilt?	Р	Primary Importance
4	1 GovtTypeOrganizationActi	vityRating	For each of the government, alt organizations, what is the activities of the section of the sect	ernative government, and intervention ity level?	Ρ	Primary Importance
78	3 IESControlRating		Who/what/how levels control e transportation, etc.)?	each Infrastructure ES (includes energy,	Р	Primary Importance
94	0 IGOActivityRating		What are the number, sizes and Intergovernmental Organization		Р	Primary Importance
14	4 InterventionForcesActivity	Rating	What is the number and influen forces?	nce/activity rating of the intervention	Р	Primary Importance
10	4 InterventionOrganizationR	ating	What is the influence of each in	tervention organization?	Р	Primary Importance
93	9 IOActivityRating		What are the number, sizes and Organizations?	l influence levels of the International	Р	Primary Importance
70	4 LogisticsDistributedMoP		What quantity has been distributed and the second stributed and the sec	uted?	Р	Primary Importance
21:	2 MineLevelActivityMoP		activity?	s, UXO, IEDs) clearance/placement	Р	Primary Importance
45	9 NegativeImpactOfInterven	tionRating	What is the level of influence of intervention?	f negative events coming from the	Р	Primary Importance
	3 NGOActivityRating		What are the number, sizes and Governmental Organizations?		Р	Primary Importance
	5 ObserverMissionsActivityN		What is the activity level of obse			Primary Importance
	5 PrivateSecurityForcesActiv	ityRating	forces?	nce/activity rating of the private security		Primary Importance
74	4 SensorsEstablishedMoP		What sensor capability has been	n established?	Р	Primary Importance
11 Har	tley Notional Model			11/23/2011		
12	1 ConflictCivilianDeathAndIn	ijuryRating	What is the death and injury rat	te for civilians from conflict?	х	Implied Connection to LOE
12	3 ConflictPropertyDestruction	onRating	What is the property destructio	n from conflict?	х	Implied Connection to LOE
83	5 DecreaseInterventionForce	esMoP	How much is the intervention for	orce decreased?	ΧХ	Direct Connection to LOE Tasks
84	6 IncreaseInsurgentsMoP		What is the increase in insurger	nts?	ΧХ	Direct Connection to LOE Tasks
84	4 IncreaseTerroristsMoP		What is the increase in terrorist	ts?	ΧХ	Direct Connection to LOE Tasks
13	1 IWActivityMoP		What is the activity level/intens	sity of irregular war?	ХХ	Direct Connection to LOE Tasks
70	4 LogisticsDistributedMoP		What quantity has been distributed and the second stributed as the second stri	uted?	ΧХ	Direct Connection to LOE Tasks
21.	2 MineLevelActivityMoP		What is the level of mine (mines activity?	s, UXO, IEDs) clearance/placement	ХХ	Direct Connection to LOE Tasks
20	0 TerrorismActivityMoP		What is the level of terrorism a	nd anti- and counterterrorism operations?	ХХ	Direct Connection to LOE Tasks

# LOE Name	LOE Descri	ption		Of	fic Cite
ID Connections Source	2		Date		
MetID Class Name		Defining Question		Lev L	Level Description
2 Undermine Perception Security	forcing loca reliant on t	local and internation I populations to pero he Taliban; forcing th	nal perceptions of security: ceive their personal security as ne international community to a as uncontrollable by foreign		OntWS3
3 TRAC IW Metric Onto	ology Workshop 3		07/15/2011		
139 BorderControlAct	ivityMoP	What is the activity level of k freedom of movement opera	porder control, boundary security, and ations?	P F	Primary Importance
7 CentralAuthorityE	ffectivenessRating	How effectively does it gove capability, etc.), influence ev	rn: political capacity (tax collection vents?	ΡF	Primary Importance
120 CivilUnrestLevelR	atingMoFE	What is the level of civil (inte	ernal) unrest?	ΡF	Primary Importance
171 ConfidenceBuildir	ngActivityMoP	What is the level of confiden	ce-building and security measures?	ΡF	Primary Importance
122 ConflictCombatar		What is the death and injury	rate for combatants from conflict?	ΡF	Primary Importance
123 ConflictPropertyD	estructionRating	What is the property destruct	ction from conflict?	P F	Primary Importance
69 CorruptionInCent	ralAuthorityRating	What is the existing level of	corruption in the central authority?	ΡF	Primary Importance
68 CorruptionInLawE	-	organizations?	corruption in law enforcement		Primary Importance
256 Criminal&Corrupt	ActivityMoP		corrupt activities (intimidation, kidnapping, fficking, bribery, "protection," illicit services, attempted?	ΡF	Primary Importance
247 CriminalOrganiza	tionActivityRating	What is the activity level/inf	luence/numbers of criminal organizations?	P F	Primary Importance
152 DemobProcessCh	angeMoP	What is the progress in demo military and paramilitary un	obilizing, reducing, and reintegrating its?	ΡF	Primary Importance
124 DisarmamentEffe	ctivenessRating	What is the effectiveness rat	ting of disarmament efforts?	ΡF	Primary Importance
332 EconomicDamage	ActivityMoP	What is the level, intensity a	nd scope of damages on the economy?	ΡF	Primary Importance
528 EducationInfraCa	pacityRating	What is the capacity of the e	ducation infrastructure?	ΡF	Primary Importance
44 ExternalAgitatorF	orcesActivityRating	What is the size and influence	ce of external forces advocating conflict?	P F	Primary Importance
99 ExtortionActivity	ЛоР	What is the level of extortion	n, suppression of the population/opposition?	P F	Primary Importance
101 ExtrajudicialActivi	ityMoP	What is the level of extrajud	icial activities (killings, intimidations, etc.)?	P F	Primary Importance
269 ForeignInvestmen	itLevelRating	What is the level of foreign in	nvestment in the country?	ΡF	Primary Importance
409 FreedomOfMover	nentRating		eedom of movement of the populace the land, free to move, etc.)?	ΡF	Primary Importance
3 GovtDecisionAuth		etc.)?	democratic, theocratic, monarchy, warlords,		Primary Importance
	nentEffectivenssRating	organizations?	the government law enforcement		Primary Importance
150 HNMilitaryEffecti	venessRatingMoFE	quality, materiel, budget, dis	rganization, oversight, capacity, training scipline, recruiting) of the HN military?		Primary Importance
783 IESControlRating 940 IGOActivityRating		transportation, etc.)? What are the number, sizes a	ol each Infrastructure ES (includes energy,		Primary Importance
477 InformationCollec		Intergovernmental Organiza			Primary Importance Primary Importance
939 IOActivityRating	GUONACTIVITIESIVIOF		and influence levels of the International		Primary Importance
	onPating	Organizations?			5
64 JudicialOrganizati	·	both government and altern			Primary Importance
42 KeyLeaderPolitica	•	What is the influence of each			Primary Importance
704 LogisticsDistribute		What quantity has been dist			Primary Importance
212 MineLevelActivity 485 NegativePRActivit		activity?	ines, UXO, IEDs) clearance/placement		Primary Importance
343 NGOActivityRatin		-	and influence levels of the Non-		Primary Importance Primary Importance
62 OverallCrimeRatin	-	Governmental Organizations What is the overall crime lev	s?		Primary Importance
	•		rception of a safe and secure environment?		Primary Importance
oFE		what is the rating on the per		· ·	

LOE Description

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ID	Cor	nnections Source	Date		
	Metll	D Class Name	Defining Question	Lev	Level Description
	483	PositivePRActivitiesMoP	What is the activity level of positive public relations activities?	Р	Primary Importance
		PrivateSecurityForcesActivityRating	What is the number and influence/activity rating of the private secur forces?		Primary Importance
	48	ResolutionOfDifferencesByCompetingGrou psRating	What is the method of resolving differences between pairs of groups ranging from violent conflict to peaceful negotiation?	, Р	Primary Importance
	173	SafeguardingGovernanceActivityMoP	What is the level of safeguarding of the institutions of governance an key officials?	d P	Primary Importance
	314	ServiceBusinessRating	What is the status of service businesses?	Р	Primary Importance
	404	StressMigrationActivityRating	What is the level and significance of stress migration?	Р	Primary Importance
	200	TerrorismActivityMoP	What is the level of terrorism and anti- and counterterrorism operation	ons? P	Primary Importance
11	Hart	ley Notional Model	11/23/2011		
	948	DecreaseIGOsMoP	What is the decrease in IGOs?	ХХ	Direct Connection to LOE Tasks
	947	DecreaselOsMoP	What is the decrease in IOs?	XX	Direct Connection to LOE Tasks
	871	DecreaseNGOsMoP	What is the decrease in NGOs?	XX	Direct Connection to LOE Tasks
	829	IncreaseExternalForcesAdvocatConflictMo P	How much is the increase in external forces advocating conflict?	XX	Direct Connection to LOE Tasks
	846	IncreaseInsurgentsMoP	What is the increase in insurgents?	XX	Direct Connection to LOE Tasks
	844	IncreaseTerroristsMoP	What is the increase in terrorists?	XX	Direct Connection to LOE Tasks
		IWActivityMoP	What is the activity level/intensity of irregular war?	XX	Direct Connection to LOE Tasks
		MineLevelActivityMoP	What is the level of mine (mines, UXO, IEDs) clearance/placement activity?	XX	Direct Connection to LOE Task
	200	TerrorismActivityMoP	What is the level of terrorism and anti- and counterterrorism operati	_	
Und	ermiı	ne Afghan Undermine	the authority and effectiveness of Afghan govt		OntWS3
Gov	ernm	ent institutions	: undermine influence of the Afghan Army;		
		the popula		to	
3	TRAC	CIW Metric Ontology Workshop 3	07/15/2011		
		BlackMarketActivityRating	How large, active, and pervasive are the black and gray markets?	Р	Primary Importance
		CentralAuthorityEffectivenessRating	How effectively does it govern: political capacity (tax collection capability, etc.), influence events?	Р	Primary Importance
		CommandAndControlEstablishedMoP	What command and control processes have been established?	Р	Primary Importance
		CommunicationsEstablishedMoP	What communications capability has been established?	Р	Primary Importance
		ConfidenceBuildingActivityMoP	What is the level of confidence-building and security measures?	Р	Primary Importance
		ConflictPropertyDestructionRating	What is the property destruction from conflict?	Р	Primary Importance
		ConstitutionReformChangeMoP Criminal&CorruptActivityMoP	What is the progress in constitutional reform? What numbers of crimes & corrupt activities (intimidation, kidnappir murder, smuggling, drug trafficking, bribery, "protection," illicit servi self-dealing, etc.) have been attempted?	0	Primary Importance Primary Importance
	247	CriminalOrganizationActivityRating	What is the activity level/influence/numbers of criminal organization	is? P	Primary Importance
		CriticalIndustriesRating	What is the status of the country's critical industries?	Р	Primary Importance
	34	DiplomaticActionsMoP	What is the level of diplomatic actions to and from the HN governme internal & external (communications, making alliances, etc.)?	nt, P	Primary Importance
	124	DisarmamentEffectivenessRating	What is the effectiveness rating of disarmament efforts?	Р	Primary Importance
	332	EconomicDamageActivityMoP	What is the level, intensity and scope of damages on the economy?	Р	Primary Importance
	528	EducationInfraCapacityRating	What is the capacity of the education infrastructure?	Р	Primary Importance
	530	EducationInfraInvestmentMoP	What is the $\$ investment in rebuilding the education infrastructure?	Р	Primary Importance
		ElectionsConductedChangeMoP	What is the progress in planning, executing, monitoring, and publiciz elections?	•	Primary Importance
		EmploymentLevelRating	What is the employment level?	Р	Primary Importance
		FactionalDisputeRating	What is the size and bitterness of factional disputes?	Р	Primary Importance
		GeneralEnergyInfraCapacityRating	What is the capacity of the general energy infrastructure?	Р	Primary Importance
		GovernanceRating	How well does it govern; what are the checks on its power?	Р	Primary Importance
	3	GovtDecisionAuthorityRating	Who has power (autocratic, democratic, theocratic, monarchy, warlo etc.)?	ords, P	Primary Importance

LOE Name

LOE Description

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ID	Connections Source Date					
	Metl	D Class Name	Defining Question		Level Description	
	36 GovtDestabilizationActivityMoP What is the level of activity in destabilizing the HN government		What is the level of activity in destabilizing the HN government?	Р	Primary Importance	
	106	GovtDomesticLegitimacyRatingMoFE	What is the domestic legitimacy level of the HN government?	Р	Primary Importance	
	71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?		Primary Importance	
	6	GovtLeaderChangeRating	How does leadership change: elections, hereditary succession, coup, revolution?	Р	Primary Importance	
	145	GovtMilitaryForcesActivityRating	What is the number and influence/activity rating of the HN military forces?	Р	Primary Importance	
	24	GovtReformChangeMoP	What is the progress in reforming all parts and levels of HN government?		Primary Importance	
	585	GovtStructuresCapacityDamagedMoP	What capacity of the government infrastructure has been damaged?		Primary Importance	
	573	GovtStructuresCapacityRating	What is the capacity of the government infrastructure?		Primary Importance	
		GovtTypeOrganizationActivityRating	For each of the government, alternative government, and intervention organizations, what is the activity level?	Р	Primary Importance	
		HealthInfraCapacityRating	What is the capacity of the health infrastructure?	Р	Primary Importance	
		HNMilitaryEffectivenessRatingMoFE	What is the effectiveness (organization, oversight, capacity, training quality, materiel, budget, discipline, recruiting) of the HN military?	Р	Primary Importance	
		IESControlRating	Who/what/how levels control each Infrastructure ES (includes energy, transportation, etc.)?	P	Primary Importance	
		InformationAvailabilityRating	What is the availability level of information to the public?	P P	Primary Importance	
		JudicialOrganizationRating	What is the activity level and effectiveness of court type organizations, both government and alternative?		Primary Importance	
		, , , , , , , , , , , , , , , , , , , ,	What is the process and quality of key political leaders decision making?	Р	Primary Importance	
		LawEnforcementOrganizationRating	What law enforcement organizations exist and what is their size?	Р	Primary Importance	
		LegalSystemTradition	What is the legal system tradition: common law, civil law (e.g., French, religious, Asian), no law, etc.?	Р	Primary Importance	
		LogisticsDistributedMoP	What quantity has been distributed?	Р	Primary Importance	
		MilitaryStructuresCapacityRating	What is the capacity of the military infrastructure?	P P	Primary Importance	
		MineLevelActivityMoP	What is the level of mine (mines, UXO, IEDs) clearance/placement activity?		Primary Importance	
		MonetaryHealthRating	What is the health of the HN money (inflation, deflation, etc.)?		Primary Importance	
		NegativeImpactOfInterventionRating	What is the level of influence of negative events coming from the intervention?		Primary Importance	
		edMoFE	What is the level of satisfaction of the people's overall immediate needs?		Primary Importance	
		PoliticalFactionActivityRating	What is the size and influence of each political faction	Р	Primary Importance	
		PoliticalLeadersTrainedMoP	What is the progress in training new political leaders in constitutional duties as well as civil politics?	Р	Primary Importance	
		PropertyRightsAccessRating	What is the status of property rights and access?	Р	Primary Importance	
		RelationshipWithIntervenorsRating	What is the relationship between the parties, ranging from adversarial to very close?	P	Primary Importance	
		ResolutionOfDifferencesByCompetingGrou psRating	What is the method of resolving differences between pairs of groups, ranging from violent conflict to peaceful negotiation?	Р	Primary Importance	
		SafeguardingGovernanceActivityMoP	What is the level of safeguarding of the institutions of governance and key officials?	Р	Primary Importance	
	394	SatisfactionOfHealthRequirementsRating	What is the level of satisfaction of the people's health requirements?	Р	Primary Importance	
	437	SatisfactionOfPeoplesSpiritualNeedsRating	What is the level of satisfaction of people's spiritual needs?	Р	Primary Importance	
		SensorsEstablishedMoP	What sensor capability has been established?	Р	Primary Importance	
		StressMigrationActivityRating	What is the level and significance of stress migration?	Р	Primary Importance	
	56	TransferOfControlToHNChangeMoP	What is the progress in transferring control of government functions to the HN government?	Р	Primary Importance	
11 Hartley Notional Model11/23/2011						
	836	DecreaseGovtMilitaryForcesMoP	How much is the government military force decreased?	ХΧ	Direct Connection to LOE Tasks	
	886	DecreaseLawEnforcementPersonnelMoP	What is the decrease in law enforcement personnel?	ΧХ	Direct Connection to LOE Tasks	
	000	Delle site site site site of the D	I have a second a second base base of a second a data data base bit a statistical data in the second s	V/V	Discret Occurrent in LOF Tester	

Direct Connection to LOE Tasks **Direct Connection to LOE Tasks Direct Connection to LOE Tasks Direct Connection to LOE Tasks**

Implied Connection to LOE

ΧХ

ΧХ

ΧХ

х

99 ExtortionActivityMoP

332 EconomicDamageActivityMoP

803 DeLegitimizeHNGovtMoP

150 HNMilitaryEffectivenessRatingMoFE

How much effort has been expended in de-legitimizing HN govt?

What is the level, intensity and scope of damages on the economy?

What is the effectiveness (organization, oversight, capacity, training

quality, materiel, budget, discipline, recruiting) of the HN military?

What is the level of extortion, suppression of the population/opposition?

# LC	# LOE Name LOE Descri			ption		0	Offic Cite	
ID	Со	Connections Source		Date				
	Metl	D Class Name		Defining Question			Lev	Level Description
	108	InstitutionsOfGovernanceEf FairnessRatingMoFE	fectivenessAnd	How effective and fair are th	e institutions of goverr	nance?	х	Implied Connection to LOE
	63	LegalSystemTradition		What is the legal system trac religious, Asian), no law, etc.		/il law (e.g., French,	х	Implied Connection to LOE
	212	MineLevelActivityMoP		What is the level of mine (mi activity?	ines, UXO, IEDs) clearar	nce/placement	ХХ	Direct Connection to LOE Tasks
	440	PerceptionByPeopleThatThe RepresentedRating	eirInterestsAre	What is the level of belief by	people that their inter	ests are represented?	х	Implied Connection to LOE
	437	SatisfactionOfPeoplesSpirite	ualNeedsRating	What is the level of satisfact	ion of people's spiritua	I needs?	х	Implied Connection to LOE
	200	TerrorismActivityMoP		What is the level of terrorism	n and anti- and counter	terrorism operations?	ΧХ	Direct Connection to LOE Tasks

# LOE Nar	ne	LOE Descri	ption		C	Offic Cite
	nnections Source			Date		
	ID Class Name		Defining Question	Duto	Lev	Level Description
IVIEL			Demining Question		Lev	Level Description
LOE Owner	Afghan Terrorists					_
Operations IOT publiciz secure oper target deve			ffective terrorist operations against foreign presence ize organizational goals: develop environment for erations (support base); conduct reconnaissance and elopment; conduct mass casualty event against US			OntWS3
		forces				
3 TRA	3 TRAC IW Metric Ontology Workshop 3			07/15/2011		
149	ArmedForcesProfessionalis	smRating	What is the professionalism rating (equipment, manpower, doctrine, training level, resources, leadership, organizational culture, history, civil-military relations) of the HN military?			Primary Importance
139	BorderControlActivityMoP		What is the activity level of freedom of movement oper	border control, boundary security, and ations?	Ρ	Primary Importance
	ConflictCivilianDeathAndIn			rate for civilians from conflict?	Р	Primary Importance
68	B CorruptionInLawEnforcem	entRating	What is the existing level of organizations?	corruption in law enforcement	Р	Primary Importance
555	ElectricDistributionCapacit	tyRebuiltMoP	What capacity of the electri	c distribution infrastructure has been rebuilt?	Р	Primary Importance
44	ExternalAgitatorForcesActi	ivityRating	What is the size and influen	ce of external forces advocating conflict?	Ρ	Primary Importance
	InformationCollectionActiv	vitiesMoP		information collection and processing?	Р	Primary Importance
343	8 NGOActivityRating		What are the number, sizes Governmental Organization	and influence levels of the Non- s?	Р	Primary Importance
193	8 NonNationStateActorsPope ating	ulationSupportR	What is the level of popular	support for each non-nation state actor?	Р	Primary Importance
418	PerceptionOfSafeAndSecur oFE	reEnvironmentM	What is the rating on the pe	rception of a safe and secure environment?	Ρ	Primary Importance
469	469 PopulationOpinionRating		For each issue, what is the popular opinion?		Р	Primary Importance
177	177 SecurityCoordinationActivityMoP181 SecurityForHAActivityMoP		What is the level of security intervenors?	coordination between the HN and the	Р	Primary Importance
181			What is the level of security Assistance operations ongoing the security of the securety of the security of the security of the securety of th	provided for the various Humanitarian ng?	Ρ	Primary Importance
744 SensorsEstablishedMoP		What sensor capability has been established?		Р	Primary Importance	
200 TerrorismActivityMoP		What is the level of terrorisi	m and anti- and counterterrorism operations?	Р	Primary Importance	
11 Har	11 Hartley Notional Model			11/23/2011		
733	8 AttritionFromHighYieldExp	olosivesMoP	How much damage/attrition	n resulted?	ΧХ	Direct Connection to LOE Tasks
122	2 ConflictCombatantDeathA	ndInjuryRating	What is the death and injury	rate for combatants from conflict?	х	Implied Connection to LOE
34	DiplomaticActionsMoP		•	tic actions to and from the HN government, nications, making alliances, etc.)?	ХХ	Direct Connection to LOE Tasks
179	ForceSecurityActivityMoP		What is the level of force se operations safely?	curity provided to allow prosecuting other	ХХ	Direct Connection to LOE Tasks
477	InformationCollectionActiv	vitiesMoP	What is the activity level in i	information collection and processing?	ΧХ	Direct Connection to LOE Tasks
212	2 MineLevelActivityMoP		What is the level of mine (mactivity?	ines, UXO, IEDs) clearance/placement	ХХ	Direct Connection to LOE Tasks
200) TerrorismActivityMoP		What is the level of terrorisi	m and anti- and counterterrorism operations?	ΧХ	Direct Connection to LOE Tasks
2 Conduct	Attacks against HN		•	ments: attack HN government icture; attack HN population	✓	OntWS3
3 TRA	C IW Metric Ontology W					
	ArmedForcesProfessionalis	•		rating (equipment, manpower, doctrine, dership, organizational culture, history, civil- military?	Ρ	Primary Importance
139	BorderControlActivityMoP			border control, boundary security, and	Р	Primary Importance
121	ConflictCivilianDeathAndIn	njuryRating	•	rate for civilians from conflict?	Р	Primary Importance
69	CorruptionInlawEnforcem	ontDating	What is the existing level of	corruption in law enforcement	D	Primary Importance

What capacity of the electric distribution infrastructure has been rebuilt? P Primary Importance

68 CorruptionInLawEnforcementRating

organizations?

What is the existing level of corruption in law enforcement

LOE Description

ID Cor	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
44	ExternalAgitatorForcesActivityRating	What is the size and influence of external forces advocating conflict?	Р	Primary Importance
36	GovtDestabilizationActivityMoP	What is the level of activity in destabilizing the HN government?	Р	Primary Importance
71	GovtLawEnforcementEffectivenssRating	What is the effectiveness of the government law enforcement organizations?	Р	Primary Importance
477	InformationCollectionActivitiesMoP	What is the activity level in information collection and processing?	Ρ	Primary Importance
146	IntelligenceServicesRating	What is the number and influence/activity rating of the intelligence services?	Р	Primary Importance
131	IWActivityMoP	What is the activity level/intensity of irregular war?	Р	Primary Importance
193	NonNationStateActorsPopulationSupportR ating	What is the level of popular support for each non-nation state actor?	Р	Primary Importance
195	PrivateSecurityForcesActivityRating	What is the number and influence/activity rating of the private security forces?	Р	Primary Importance
177	SecurityCoordinationActivityMoP	What is the level of security coordination between the HN and the intervenors?	Р	Primary Importance
200	TerrorismActivityMoP	What is the level of terrorism and anti- and counterterrorism operations?	Р	Primary Importance
11 Hart	ley Notional Model	11/23/2011		
512	AgricultureInfraCapacityDamagedMoP	What capacity of agriculture structures has been damaged?	ХХ	Direct Connection to LOE Tasks
	AirportCapacityDamagedMoP	What capacity of the airport infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
733	AttritionFromHighYieldExplosivesMoP	How much damage/attrition resulted?	ΧХ	Direct Connection to LOE Tasks
652	BridgeAndTunnelCapacityDamagedMoP	What capacity of the bridge and tunnel infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
518	BusinessInfraCapacityDamagedMoP	What capacity of shops and commercial structures has been damaged?	ΧХ	Direct Connection to LOE Tasks
378	CivilianHousingCapacityDamagedMoP	What is the capacity of civilian housing that has been damaged?	ΧХ	Direct Connection to LOE Tasks
121	ConflictCivilianDeathAndInjuryRating	What is the death and injury rate for civilians from conflict?	х	Implied Connection to LOE
123	ConflictPropertyDestructionRating	What is the property destruction from conflict?	х	Implied Connection to LOE
823	DamagePrisonsMoP	How much prison infrastucture is damaged?	ΧХ	Direct Connection to LOE Tasks
682	DamsInfraCapacityDamagedMoP	What capacity of the dam infrastructure has been damaged?	ΧХ	Direct Connection to LOE Tasks
332	EconomicDamageActivityMoP	What is the level, intensity and scope of damages on the economy?	ΧХ	Direct Connection to LOE Tasks
534	EducationInfraCapacityDamagedMoP	What capacity of the education infrastructure has been damaged?	ΧХ	Direct Connection to LOE Tasks
567	ElectricDistributionCapacityDamagedMoP	What capacity of the electric distribution infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
565	ElectricProductionCapacityDamagedMoP	What capacity of the electric production infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
569	ExtractiveEnergyProductionCapacityDama gedMoP	What capacity of the extractive energy production infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
571	ExtractiveEnergyTransportCapacityDamag edMoP	What capacity of the extractive energy transportation infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
585	GovtStructuresCapacityDamagedMoP	What capacity of the government infrastructure has been damaged?	ΧХ	Direct Connection to LOE Tasks
541	HealthInfraCapacityDamagedMoP	What capacity of the health infrastructure has been damaged?	ХΧ	Direct Connection to LOE Tasks
704	LogisticsDistributedMoP	What quantity has been distributed?	ХΧ	Direct Connection to LOE Tasks
506	$Manufacturing {\tt InfraCapacityDamaged} {\tt MoP}$	What capacity of manufacturing structures has been damaged?	ХΧ	Direct Connection to LOE Tasks
525	MediaInfraCapacityDamagedMoP	What capacity of the media infrastructure has been damaged?	ХΧ	Direct Connection to LOE Tasks
587	MilitaryStructuresCapacityDamagedMoP	What capacity of the military infrastructure has been damaged?	ХΧ	Direct Connection to LOE Tasks
593	MilitaryVehiclesCapacityDamagedMoP	What capacity of the military vehicles has been damaged?	ХΧ	Direct Connection to LOE Tasks
212	MineLevelActivityMoP	What is the level of mine (mines, UXO, IEDs) clearance/placement activity?	ХХ	Direct Connection to LOE Tasks
916	MiningInfrastructureCapacityDamagedMo P	What capacity of the mining infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
658	NonMilVehiclesCapacityDamagedMoP	What capacity of the non-military vehicles has been damaged?	ΧХ	Direct Connection to LOE Tasks
214	PiracyActivityMoP	What is the activity level/intensity of piracy and anti-piracy operations?	ΧХ	Direct Connection to LOE Tasks
650	RailroadCapacityDamagedMoP	What capacity of the railroad infrastructure has been damaged?	ΧХ	Direct Connection to LOE Tasks
654	SeaportCapacityDamagedMoP	What capacity of the seaport infrastructure has been damaged?	ΧХ	Direct Connection to LOE Tasks
933	SportsInfraCapacityDamagedMoP	What capacity of the sports infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
200	TerrorismActivityMoP	What is the level of terrorism and anti- and counterterrorism operations?	ХХ	Direct Connection to LOE Tasks
680	WaterAndSewageTreatmentInfraCapacityD amagedMoP	What capacity of the water and sewage treatment infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks

# LOE Nam	LOE Descri	ption	C	Offic Cite
ID Cor	nnections Source	Date		
Metl	D Class Name	Defining Question	Lev	Level Description
678	WaterDistributionInfraCapacityDamagedM oP	What capacity of the water distribution infrastructure has been damaged?	хх	Direct Connection to LOE Tasks
660	WaterwaysCapacityDamagedMoP	What capacity of the waterways infrastructure has been damaged?	ХХ	Direct Connection to LOE Tasks
3 Conduct I	O Operations Conduct IO	operations in support of cause: spread message to	V	OntWS3
	population	; conduct cyber attacks		
3 TRAC	IW Metric Ontology Workshop 3	07/15/2011		
748	CommandAndControlEstablishedMoP	What command and control processes have been established?	Р	Primary Importance
121	ConflictCivilianDeathAndInjuryRating	What is the death and injury rate for civilians from conflict?	Р	Primary Importance
123	ConflictPropertyDestructionRating	What is the property destruction from conflict?	Р	Primary Importance
44	ExternalAgitatorForcesActivityRating	What is the size and influence of external forces advocating conflict?	Р	Primary Importance
465	FreedomOfInternationalMediaRating	What is the level of freedom of the international media within the country?	Ρ	Primary Importance
519	MediaInfraCapacityRating	What is the capacity of the media infrastructure?	Р	Primary Importance
459	NegativeImpactOfInterventionRating	What is the level of influence of negative events coming from the intervention?	Ρ	Primary Importance
193	NonNationStateActorsPopulationSupportR ating	What is the level of popular support for each non-nation state actor?	Ρ	Primary Importance
440	PerceptionByPeopleThatTheirInterestsAre RepresentedRating	What is the level of belief by people that their interests are represented?	Ρ	Primary Importance
469	PopulationOpinionRating	For each issue, what is the popular opinion?	Р	Primary Importance
429	ReligiousPopulationActivityRating	What is the size and influence of the religious divisions of the population	Р	Primary Importance
200	TerrorismActivityMoP	What is the level of terrorism and anti- and counterterrorism operations?	Ρ	Primary Importance
11 Hartl	ey Notional Model	11/23/2011		
256	Criminal&CorruptActivityMoP	What numbers of crimes & corrupt activities (intimidation, kidnapping, murder, smuggling, drug trafficking, bribery, "protection," illicit services, self-dealing, etc.) have been attempted?	ХХ	Direct Connection to LOE Tasks
821	DamageC2MoP	How much military command and control is damaged?	ΧХ	Direct Connection to LOE Tasks
820	DamageCommunicationsMoP	How much military comm processes are damaged?	ΧХ	Direct Connection to LOE Tasks
819	DamageSensorsMoP	How much military sensor processes are damaged?	ΧХ	Direct Connection to LOE Tasks
803	DeLegitimizeHNGovtMoP	How much effort has been expended in de-legitimizing HN govt?	ΧХ	Direct Connection to LOE Tasks
844	IncreaseTerroristsMoP	What is the increase in terrorists?	ΧХ	Direct Connection to LOE Tasks
481	InformationControl&DisseminationActiviti esMoP	What is the activity level in information control & dissemination?	хх	Direct Connection to LOE Tasks
485	NegativePRActivitiesMoP	What is the activity level of negative public relations activities?	ΧХ	Direct Connection to LOE Tasks
202	NonNationStateActorsFundingChangeMoP	What is the level of activity to identify and interdict funding of non- nation state actors?	хх	Direct Connection to LOE Tasks
206	NonNationStateActorsPopulationSupportC hangeMoP	What is the level of activity to identify financial, institutional and local support for non-nation state actors and disrupt it?	ХХ	Direct Connection to LOE Tasks
204	NonNationStateActorsRecruitingChangeM oP	What is the level of activity to identify and interdict recruitment by non- nation state actors?	ХХ	Direct Connection to LOE Tasks

# LOE Nar	ne	LOE Descri	otion		0	offic Cite
ID Co	nnections Source			Date		
Met	ID Class Name		Defining Question		Lev	Level Description
			Denning Question		LUV	Level Description
LOE Owner	US Govt organization	ns other tha	in DoD			
1 Develop	Civil Security	Civil Securit	y Sector: ANP prese	nt, responsive, humane; prisons	\checkmark	OntWS3
·	2	functioning	; tribal militias; bord	ler security; family response unit	S	
3 TRA	C IW Metric Ontology Wo	rkshop 3		07/15/2011		
	AntiTraffickingInPersonsAct	•	What is the level of activity i	n anti-trafficking in persons programs?	Р	Primary Importance
	ArmedForcesProfessionalisr	nRating	What is the professionalism	rating (equipment, manpower, doctrine, dership, organizational culture, history, civil-	P	Primary Importance
	BlackMarketActivityRating		•	asive are the black and gray markets?	Р	Primary Importance
	BorderControlActivityMoP		freedom of movement operation		Р	Primary Importance
	CivilUnrestLevelRatingMoFE		What is the level of civil (inte	•	Р	Primary Importance
	ConfidenceBuildingActivity			nce-building and security measures?	Р	Primary Importance
	ConnectionBetweenLawEnfo ilitaryRating		military or not, multiple leve	veen the two: law enforcement as part of els of police, border guards, etc.?	Р	Primary Importance
	ConventionalWarActivityMo		What is the activity level/int	-	Р	Primary Importance
	CorruptionInCultureRating		culture?	of corruption that is prevalent in the HN	Р	Primary Importance
68	CorruptionInLawEnforceme	ntRating	What is the existing level of organizations?	corruption in law enforcement	Ρ	Primary Importance
	CorruptionInMilitaryRating		What is the existing level of		Р	Primary Importance
256	 Criminal&CorruptActivityM 			corrupt activities (intimidation, kidnapping, fficking, bribery, "protection," illicit services, attempted?	Р	Primary Importance
	CriminalOrganizationActivit			luence/numbers of criminal organizations?	Р	Primary Importance
	CriminalsActivityRating		-	luence/numbers of criminals?	Р	Primary Importance
133	B DemilZonesEtcActivityMoP		What is the progress in estal arms embargoes?	blishing demilitarized zones, sanctions, and	Р	Primary Importance
148	B DemobilizedArmedForcesAc	tivityRating	What is the number and influ forces?	uence/activity rating of the demobilized	Р	Primary Importance
	DisarmamentEffectivenessR	0	What is the effectiveness rat	0	Р	Primary Importance
	DrugCrimeRating		What is the level of drug crir		Р	Primary Importance
44	ExternalAgitatorForcesActiv	ityRating	What is the size and influence	ce of external forces advocating conflict?	Р	Primary Importance
	P ExtortionActivityMoP			n, suppression of the population/opposition?	Р	Primary Importance
	ExtrajudicialActivityMoP		=	icial activities (killings, intimidations, etc.)?	Р	Primary Importance
5	FirstRespondersActivityRati	ng	How many first responders a activity?	are there; what is their influence and	Ρ	Primary Importance
	FirstRespondersInvestmentI		What is the \$ investment in	•	Р	Primary Importance
	FirstRespondersJobsCreated		How many first responder jo		Р	Primary Importance
	FirstRespondersTrainedMoF		What is the progress in train		Р	Primary Importance
	ForeignConflictActivityRatin	-	=	conflict that engages the HN?	Р	Primary Importance
	ForeignInvestmentLevelRati	-	What is the level of foreign i	-	Р	Primary Importance
	GovtLawEnforcementEffecti	, i i i i i i i i i i i i i i i i i i i	organizations?	the government law enforcement	Р	Primary Importance
145	GovtMilitaryForcesActivityR	ating	What is the number and influ forces?	uence/activity rating of the HN military	Ρ	Primary Importance
	GovtStructuresCapacityDam	-		ment infrastructure has been damaged?	Р	Primary Importance
150	HNMilitaryEffectivenessRat	ngMoFE		rganization, oversight, capacity, training scipline, recruiting) of the HN military?	Р	Primary Importance
196	InsurgentsActivityRating		What is the number and infl	uence/activity rating of the insurgents?	Р	Primary Importance
146	IntelligenceServicesRating		What is the number and influences?	uence/activity rating of the intelligence	Р	Primary Importance
160	IntelServiceChangeMoP		What is the progress in refor	rming the HN intelligence services?	Ρ	Primary Importance
	IntelServiceJobsCreatedMol		How many intelligence servi	-	Р	Primary Importance
162	IntelServiceTrainedMoP		What is the progress in train	ing intelligence service personnel?	Р	Primary Importance

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Metl	D Class Name	Defining Question		Lev	Level Description
402	InternallyDisplacedPopulationActivityRatin	What is the number and infl	uence of the internally displaced population?	Р	Primary Importance
144	InterventionForcesActivityRating	What is the number and infl forces?	uence/activity rating of the intervention	Ρ	Primary Importance
248	KeyLeaderCriminalRating	What is the influence of eac	•	Р	Primary Importance
189	, , , , , , , , , , , , , , , , , , , ,		lity of key military leaders decision making?	Р	Primary Importance
	KeyLeaderMilitaryRating	What is the influence of eac		Р	Primary Importance
	KeyLeaderNonGovtArmedRating		h key non-government armed group leader?	Р	Primary Importance
	LawEnforcementChangeMoP	What is the progress in refo		Р	Primary Importance
	LawEnforcementJobsCreatedMoP	How many police jobs have		Р	Primary Importance
	LawEnforcementOfficerInvestmentMoP	What is the \$ investment in	•	Р	Primary Importance
81	LawEnforcementOfficersTrainedMoP	What is the progress in trair		Р	Primary Importance
	LawEnforcementOrganizationRating	•	inizations exist and what is their size?	Р	Primary Importance
	MilitaryChangeMoP	What is the progress in refo	• •	Р	Primary Importance
	MilitaryExercisesActivityMoP	What is the activity level of		Р	Primary Importance
157	,	How many military jobs hav		P	Primary Importance
	MilitaryTrainedMoP	What is the progress in train	с э.	P	Primary Importance
	MineLevelActivityMoP	activity?	ines, UXO, IEDs) clearance/placement	P	Primary Importance
	NonNationStateActorsFundingChangeMoP NonNationStateActorsRecruitingChangeM	nation state actors?	to identify and interdict funding of non- to identify and interdict recruitment by non-	P P	Primary Importance Primary Importance
201	oP	nation state actors?		•	
192	NonNationStateActorsRecruitingRating	What is the level of recruitir	ng for each non-nation state actor?	Р	Primary Importance
135	ObserverMissionsActivityMoP	What is the activity level of	observer missions?	Р	Primary Importance
46	OppositionPartyUseOfForceRating	What is the oppositions star wholly against to active use	nce on the use of force, measured from of force?	Р	Primary Importance
61	OrganizedCrimeRating	What is the level of organize	ed crime?	Р	Primary Importance
62	OverallCrimeRating	What is the overall crime level	vel?	Р	Primary Importance
194	ParamilitaryForcesActivityRating	What is the number and infl forces?	uence/activity rating of the paramilitary	Ρ	Primary Importance
85	PenalSystemChangeMoP	What is the progress in esta	blishing humane penal systems?	Р	Primary Importance
418	PerceptionOfSafeAndSecureEnvironmentM oFE	What is the rating on the pe	rception of a safe and secure environment?	Ρ	Primary Importance
77	PolicingOperationsActivityMoP	What is the level of policing	operations being performed?	Р	Primary Importance
	PoliticalInstabilityMitigationActivityMoP	unrest actions by non-nation		Р	Primary Importance
	PrisonStructureAdequacyRating	How adequate is the HN pris		Р	Primary Importance
	PrivateSecurityForcesActivityRating	forces?	uence/activity rating of the private security	P	Primary Importance
	RefugeeCampsCapacityRating	What is the capacity of refug		P	Primary Importance
420	o i j j	-	provided for refugee camps?	P	Primary Importance
	RegimeSponsoredNonMilitaryArmedForces ActivityRating	sponsored, non-military arm		P	Primary Importance
	RoadCapacityRebuiltMoP		nfrastructure has been rebuilt?	P	Primary Importance
	SecurityCoordinationActivityMoP	intervenors?	coordination between the HN and the assistance (freedom of movement, border	P	Primary Importance
	SecurityForceAssistanceActivityMoP SecurityForHAActivityMoP	security, public safety, civil o	defense, etc.) provided to the HN? provided for the various Humanitarian	P P	Primary Importance Primary Importance
	SecurityForStabilityActivityMoP	Assistance operations ongoi	-	P	Primary Importance
	TerroristsActivityRating	ongoing?	uence/activity rating of the terrorists?	P	Primary Importance
	WeaponsControlActivityMoP		ementing weapons control regimes?	P	Primary Importance
	ley Notional Model		11/23/2011	•	
139	BorderControlActivityMoP	What is the activity level of freedom of movement operations of the second seco	border control, boundary security, and ations?	ХХ	Direct Connection to LOE T

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Me	etID Class Name	Defining Question		Lev	Level Description
9 7 6 8	 DecreaseParamilitaryForces HumanRightsMonitoringMo LawEnforcementChangeMo LawEnforcementOrganization PenalSystemChangeMoP SocialProtectionProgramsAct 	DP What is the level of monitor DP What is the progress in reference OR What is the progress in reference ONRating What law enforcement org What is the progress in est	pring for human rights practices?	XX XX XX X X XX XX	Direct Connection to LOE Ta Direct Connection to LOE Ta Direct Connection to LOE Ta Implied Connection to LOE Direct Connection to LOE Ta Direct Connection to LOE Ta
Develop	o Government Sector		Human Rights: elected officials;	\checkmark	OntWS3
		judicial system; reintegration			
3 TR.	AC IW Metric Ontology Wo	orkshop 3	07/15/2011		
	75 AdministrationOfJusticeEffe airnessRating		ne administration of justice?	Р	Primary Importance
	24 AntiTraffickingInPersonsAct		y in anti-trafficking in persons programs?	Р	Primary Importance
	53 BlackMarketActivityRating	с .	vasive are the black and gray markets?	Р	Primary Importance
	12 ChangesInPopulationCompo	•	e in the breakdown of movement categories?	Р	Primary Importance
	 33 CivicEducationProjectsActiv 39 CivilStabilityAndDurablePea MoPE 			P P	Primary Importance Primary Importance
12	20 CivilUnrestLevelRatingMoFE	E What is the level of civil (in	nternal) unrest?	Р	Primary Importance
	91 CommercialLawChangeMoP	•	-	Р	Primary Importance
	52 ComplianceWithPeaceAccor		in maintaining compliance with peace accords?	Р	Primary Importance
	30 ConstitutionReformChange			Р	Primary Importance
	59 CorruptionInCentralAuthori		of corruption in the central authority?	Р	Primary Importance
	66 CorruptionInCultureRating		l of corruption that is prevalent in the HN	Р	Primary Importance
19	8 CorruptionInMilitaryRating	What is the existing level o	f corruption in the military?	Р	Primary Importance
13	33 DemilZonesEtcActivityMoP	What is the progress in est arms embargoes?	ablishing demilitarized zones, sanctions, and	Р	Primary Importance
14	18 DemobilizedArmedForcesAc	forces?	fluence/activity rating of the demobilized	Р	Primary Importance
	52 DemobProcessChangeMoP	military and paramilitary u		Р	Primary Importance
3	34 DiplomaticActionsMoP	internal & external (comm	atic actions to and from the HN government, unications, making alliances, etc.)?	Р	Primary Importance
	24 DisarmamentEffectivenessR	•	ating of disarmament efforts?	Р	Primary Importance
	01 DischargedMilitaryJobsCrea		s created for discharged military personnel?	Р	Primary Importance
	00 DischargedMilitaryTrainedM 26 ElectionsConductedChangeM	MoP What is the progress in pla) training for discharged military personnel? Inning, executing, monitoring, and publicizing	P P	Primary Importance Primary Importance
10	01 ExtrajudicialActivityMoP	elections? What is the level of extrain	idicial activities (killings, intimidations, etc.)?	Р	Primary Importance
	FactionalDisputeRating	What is the size and bitter	•	г Р	
	53 FreedomOfDomesticMedia			г Р	Primary Importance Primary Importance
40	4 GovernanceRating	•	what are the checks on its power?	P	Primary Importance
c	91 GovtCorruptionMonitoring	•	pring for corruption by government officials	P	Primary Importance
	3 GovtDecisionAuthorityRatin		c, democratic, theocratic, monarchy, warlords,	P	Primary Importance
	9 GovtDecisionMakingRating		power, # political parties, checks & balances, on?	Р	Primary Importance
3	36 GovtDestabilizationActivity	•	y in destabilizing the HN government?	Р	Primary Importance
10	6 GovtDomesticLegitimacyRat		imacy level of the HN government?	Р	Primary Importance
1	6 GovtPersonnelEducatedCha	what is the progress in edu government staff, etc.?	ucating civil service, legislative staff, local	Р	Primary Importance
2	24 GovtReformChangeMoP	What is the progress in ref	orming all parts and levels of HN government?	Ρ	Primary Importance
	35 GovtStructuresCapacityDam		rnment infrastructure has been damaged?	Р	Primary Importance
	73 GovtStructuresCapacityRation		government infrastructure?	Р	Primary Importance
57	79 GovtStructuresCapacityReb	uiltMoP What capacity of the gover	rnment infrastructure has been rebuilt?	Р	Primary Importance

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ID	Cor	nnections Source		Date		
	Metl	D Class Name	Defining Question		Lev	Level Description
	41	GovtTypeOrganizationActivityRating	For each of the government organizations, what is the a	, alternative government, and intervention ctivity level?	Р	Primary Importance
	93	HumanRightsMonitoringMoP	•	ing for human rights practices?	Р	Primary Importance
	108	InstitutionsOfGovernanceEffectivenessAnd FairnessRatingMoFE	How effective and fair are the second s	he institutions of governance?	Р	Primary Importance
	160	IntelServiceChangeMoP	What is the progress in refo	rming the HN intelligence services?	Р	Primary Importance
	162	IntelServiceTrainedMoP	What is the progress in train	ning intelligence service personnel?	Р	Primary Importance
	144	InterventionForcesActivityRating	What is the number and infl forces?	luence/activity rating of the intervention	Р	Primary Importance
		JudicialOrganizationRating	both government and alterr		Р	Primary Importance
		KeyLeaderLaborRating	What is the influence of eac	•	Р	Primary Importance
		KeyLeaderMilitaryDecisionMakingRating		ality of key military leaders decision making?	Р	Primary Importance
		KeyLeaderMilitaryRating	What is the influence of eac		Р	Primary Importance
		5		h key non-government armed group leader?	Р	Primary Importance
		KeyLeaderPoliticalAgitatorRating		i-peace key political leaders?	Р	Primary Importance
		KeyLeaderPoliticalDecisionMakingRating		ality of key political leaders decision making?	Р	Primary Importance
		KeyLeaderPoliticalProPeaceRating	•	-peace key political leaders?	Р	Primary Importance
		KeyLeaderPoliticalRating	What is the influence of eac		Р	Primary Importance
	87	LegalSystemChangeMoP		rming the legitimate legal system?	Р	Primary Importance
		LegalSystemTradition	religious, Asian), no law, etc		Р	Primary Importance
		MediationNegotiationsPersuasionMoP	have been undertaken?	iation, negotiation & persuasion efforts that	Р	Primary Importance
		MilitaryChangeMoP	What is the progress in refo	•	Р	Primary Importance
		MilitaryTrainedMoP	What is the progress in train	• •	Р	Primary Importance
		NonNationStateActorsFundingChangeMoP	nation state actors?	to identify and interdict funding of non-	P	Primary Importance
		ObserverMissionsActivityMoP	What is the activity level of		Р	Primary Importance
		ParamilitaryForcesActivityRating	forces?	luence/activity rating of the paramilitary	Р	Primary Importance
		PoliticalCrimeRating		al" crimes as defined by the HN government?	Р	Primary Importance
		PoliticalFactionActivityRating	What is the size and influen	•	Р	Primary Importance
		PoliticalInstabilityMitigationActivityMoP	unrest actions by non-nation			Primary Importance
		PoliticalLeadersTrainedMoP	duties as well as civil politic		P	Primary Importance
		PoliticalPersecutionRating	What is the level of political	•	Р	Primary Importance
		PoliticalPopulationActivityRating		vity level of the politically active population	Р	Primary Importance
		PropertyLawChangeMoP		rming property laws and procedures?	Р	Primary Importance
		PropertyRightsAccessRating	What is the status of proper	, ,	P	Primary Importance
		ProtectionOfHumanRightsRating	What is the status of human	•	Р	Primary Importance
		PublicRecordsTransparencyRating	exist, availability, public rep	ting for government information (records porting (push), transparency, etc.)?	P	Primary Importance
		ResolutionOfDifferencesByCompetingGrou psRating	ranging from violent conflic		P	Primary Importance
		SafeguardingGovernanceActivityMoP	key officials?	rding of the institutions of governance and	P	Primary Importance
		SocialSafetyNetChangeMoP		rming the social safety net?	P	Primary Importance
		TaxAndTradeChangeMoP		rming tax and trade type policies?	P	Primary Importance
		TransitionGovtCreationChangeMoP	government?	blishing, staffing, and funding a transition	P	Primary Importance
	95	WarCrimesActivitiesChangeMoP	What is the progress on war	r crimes investigations, tribunals, etc.?	Р	Primary Importance
11	Hartl	ey Notional Model		11/23/2011		
	75	AdministrationOfJusticeEffectivenessAndF airnessRating	How effective and fair is the	e administration of justice?	х	Implied Connection to LOE
	152	DemobProcessChangeMoP	What is the progress in dem military and paramilitary un	nobilizing, reducing, and reintegrating nits?	ХХ	Direct Connection to LOE Tasks
0/2011			Ontologios @ 2011 Hartley	Consulting		Dage 79 of 9

# LOE Name		LOE Description		С	Offic Cite
ID Connec	ctions Source		Date		
MetID C	ass Name	Defining Question		Lev	Level Description
895 HN	ExecutiveBranchActivity	Rating What is the activity level o	f the executive branch?	x	Implied Connection to LOE
896 HN	LegislativeBranchActivity	vRating What is the activity level o	f the legislative branch?	х	Implied Connection to LOE
794 Imp	proveHNExecutiveMoP	What amount of effort has processes?	been expended in improving HN executive	ХХ	Direct Connection to LOE Task
793 Imp	proveHNLegislativeMoP	•	been expended in improving HN legislative	ХХ	Direct Connection to LOE Task
810 Jud	licialActivitiesMoP	How many trials, decisions	s, etc., are performed?	ХХ	Direct Connection to LOE Tasl
Develop Eco	nomic and	Economic & Social Sectors: em	ployment: health: community	\checkmark	OntWS3
Social Sector	rs		ructure; agriculture (alt. to poppy		
3 TRAC IW	/ Metric Ontology Wo	orkshop 3	07/15/2011		
297 Acc	ceptableJobAvailabilityRa	ting What is the level of accept	able job availability?	Р	Primary Importance
230 AgF	BusinessRating	What is the status of agric	ultural businesses?	Р	Primary Importance
240 AgI	InvestmentMoP	What is the \$ investment in agricultural transactions?	n agricultural support programs and other	Ρ	Primary Importance
242 AgF	PolicyChangeMoP	What is the progress in ref	orming agricultural policy?	Ρ	Primary Importance
236 AgF	ProductionConsumption	MoP What is the capacity of live	estock and produce consumed?	Р	Primary Importance
229 AgF	ProductionMoP	What is the level of agricul	tural production?	Ρ	Primary Importance
238 AgF	ProductTransactionsLeve	IMoP What is the level of purcha etc.)?	ses/sales of agricultural products (food, seed,	Ρ	Primary Importance
508 Agr	ricultureInfraInvestmentI	MoP What is the \$ investment in	n rebuilding agriculture structures?	Р	Primary Importance
239 Ag	SupportActivityMoP	What is the activity level o	f agricultural support programs?	Р	Primary Importance
756 Airl	MovementDamageMoP	What is the damage from a thunderstorms, tornados,	air movement (storms, blizzards, hurricanes, etc.)?	Р	Primary Importance
636 Air	portInvestmentMoP	What is the \$ investment in	n rebuilding the airport infrastructure?	Р	Primary Importance
424 Ant	tiTraffickingInPersonsAct	ivityMoP What is the level of activity	y in anti-trafficking in persons programs?	Р	Primary Importance
231 Ara	ableLandCapacityRating	What is the capacity of ara	ble land?	Р	Primary Importance
322 Bas	sicNaturalResourceCapac	tityRating What is the rating on the H	IN basic natural resources capacity?	Р	Primary Importance
253 Bla	ckMarketActivityRating	How large, active, and per-	vasive are the black and gray markets?	Р	Primary Importance
628 Brid	dgeAndTunnelInvestmen	tMoP What is the \$ investment in infrastructure?	n rebuilding the bridge and tunnel	Ρ	Primary Importance
514 Bus	sinessInfraInvestmentMo	P What is the \$ investment in	n rebuilding shops and commercial structures?	Р	Primary Importance
515 Bus	sinessInfraJobsCreatedM	oP How many jobs have been structures?	created in rebuilding shops and commercial	Ρ	Primary Importance
350 Civ	ilianHousingCapacityRat	ing What is the status of civilia	an housing capacity?	Ρ	Primary Importance
372 Civ	ilianHousingCapacityReb	wiltMoP What is the capacity of civi	ilian housing that has been rebuilt?	Ρ	Primary Importance
120 Civ	ilUnrestLevelRatingMoFE	E What is the level of civil (in	nternal) unrest?	Ρ	Primary Importance
123 Cor	nflictPropertyDestructior	Rating What is the property destr	uction from conflict?	Ρ	Primary Importance
66 Cor	rruptionInCultureRating	What is the perceived leve culture?	l of corruption that is prevalent in the HN	Ρ	Primary Importance
198 Cor	rruptionInMilitaryRating	What is the existing level o	f corruption in the military?	Р	Primary Importance
67 Cor	rruptionInSocialServicesR	Rating What is the existing level o services?	of corruption in the government social	Ρ	Primary Importance
428 Cul	IturalPopulationActivityR	ating What is the size and influe	nce of the cultural divisions of the population?	Р	Primary Importance
275 Cur	rrencyChangeMoP	What is the progress in ref	orming the currency?	Ρ	Primary Importance
674 Dar	msInfraInvestmentMoP	What is the \$ investment in	n rebuilding the dam infrastructure?	Ρ	Primary Importance
392 Dea	athAndllInessFromHealth	IssuesRating What is the death and illne	ess rate from disease or other health issues?	Ρ	Primary Importance
	milZonesEtcActivityMoP	arms embargoes?	ablishing demilitarized zones, sanctions, and	Ρ	Primary Importance
	armamentEffectivenessR	•	ating of disarmament efforts?	Р	Primary Importance
	chargedMilitaryJobsCrea	-	s created for discharged military personnel?	Р	Primary Importance
	chargedMilitaryTrainedN		training for discharged military personnel?	Р	Primary Importance
	ugCrimeRating	What is the level of drug cr		Р	Primary Importance
	ugCropReductionMoP	What is the progress in rec		Р	Primary Importance
249 Dri	ugUseRating	What is the drug use level?	?	Р	Primary Importance

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Metl	D Class Name	Defining Question	Lev	Level Description
332	EconomicDamageActivityMoP	What is the level, intensity and scope of damages on the economy?	Р	Primary Importance
	EconomicFoundationRatingMoFE	What is the combined rating for the economy and infrastructure?	Р	Primary Importance
	EconomicIntegrationChangeMoP	What is the progress in economic integration and cooperation (strategy/assessment, prices and subsidies, debt management, arrears clearance, etc.) across private, govt, international?	Р	Primary Importance
287	EconomicPolicyChangeMoP	What is the progress in reforming government economic policy?	Р	Primary Importance
318	EconomicStatisticsRating	What are the values of the various economic statistics?	Р	Primary Importance
530	EducationInfraInvestmentMoP	What is the \$ investment in rebuilding the education infrastructure?	Р	Primary Importance
531	EducationInfraJobsCreatedMoP	How many jobs have been created in rebuilding the education infrastructure?	Р	Primary Importance
567	ElectricDistributionCapacityDamagedMoP	What capacity of the electric distribution infrastructure has been damaged?	Ρ	Primary Importance
545	ElectricDistributionCapacityRating	What is the capacity of the electric distribution infrastructure?	Р	Primary Importance
555	ElectricDistributionCapacityRebuiltMoP	What capacity of the electric distribution infrastructure has been rebuilt?	Р	Primary Importance
553	ElectricDistributionInvestmentMoP	What is the \$ investment in rebuilding the electric distribution infrastructure?	Ρ	Primary Importance
565	ElectricProductionCapacityDamagedMoP	What capacity of the electric production infrastructure has been damaged?	Р	Primary Importance
544	ElectricProductionCapacityRating	What is the capacity of the electric production infrastructure?	Ρ	Primary Importance
551	ElectricProductionCapacityRebuiltMoP	What capacity of the electric production infrastructure has been rebuilt?	Ρ	Primary Importance
549	ElectricProductionInvestmentMoP	What is the \$ investment in rebuilding the electric production infrastructure?	Р	Primary Importance
298	EmploymentLevelRating	What is the employment level?	Р	Primary Importance
259	EnergyBusinessRating	What is the status of the energy business?	Р	Primary Importance
261	EnergyImportationChangeMoP	How much energy has been imported?	Р	Primary Importance
	EnergySupplyAndDistributionLevelRating	What is the overall rating for energy supply and distribution?	Р	Primary Importance
	ExtractiveEnergyProductionCapacityDama gedMoP	What capacity of the extractive energy production infrastructure has been damaged?	Ρ	Primary Importance
546	ExtractiveEnergyProductionCapacityRating	What is the capacity of the extractive energy production infrastructure?	Р	Primary Importance
559	ExtractiveEnergyProductionCapacityRebuil tMoP	What capacity of the extractive energy production infrastructure has been rebuilt?	Ρ	Primary Importance
571	ExtractiveEnergyTransportCapacityDamag edMoP	What capacity of the extractive energy transportation infrastructure has been damaged?	Ρ	Primary Importance
547	ExtractiveEnergyTransportCapacityRating	What is the capacity of the extractive energy transportation infrastructure?	Ρ	Primary Importance
563	ExtractiveEnergyTransportCapacityRebuilt MoP	What capacity of the extractive energy transportation infrastructure has been rebuilt?	Р	Primary Importance
432	FamilyActivityRating	What is the influence of family on the society?	Ρ	Primary Importance
266	FinancialSystemRating	What is the overall rating for the financial system?	Р	Primary Importance
356	FoodDistributedMoP	What is the quantity of food distributed?	Ρ	Primary Importance
354	FoodImportedMoP	What is the quantity of food imported?	Р	Primary Importance
345	FoodSupplyRating	What is the rating on the available food supply?	Ρ	Primary Importance
269	ForeignInvestmentLevelRating	What is the level of foreign investment in the country?	Р	Primary Importance
319	GeneralEconomyRatingMoFE	What is the rating for the overall economy?	Р	Primary Importance
	GeneralEnergyInfraCapacityRating	What is the capacity of the general energy infrastructure?	Р	Primary Importance
	GeneralInfrastructureRatingMoFE	What is the rating for the overall infrastructure?	Р	Primary Importance
	GeneralJobsCreatedMoP	What is the number of jobs created through job help programs (skills training and counseling)?	Р	Primary Importance
585	GovtStructuresCapacityDamagedMoP	What capacity of the government infrastructure has been damaged?	Р	Primary Importance
	GovtStructuresCapacityRating	What is the capacity of the government infrastructure?	Р	Primary Importance
	GovtStructuresCapacityRebuiltMoP	What capacity of the government infrastructure has been rebuilt?	P	Primary Importance
	GovtStructuresInvestmentMoP	What is the \$ investment in rebuilding the government infrastructure?	P	Primary Importance
	GovtSuppliesDeliveredMoP	What amount of government supplies has been delivered for all levels and parts of government?	P	Primary Importance
216	HAActivityMoP	What is the activity level/intensity of Humanitarian Assistance operations?	Ρ	Primary Importance
400	HealthCareProjectsChangeMoP	What is the progress in health care projects?	Р	Primary Importance
	HealthInfraCapacityDamagedMoP	What capacity of the health infrastructure has been damaged?	P	Primary Importance

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ID C	onnections Source	Date		
Me	tID Class Name	Defining Question	Lev	Level Description
53	5 HealthInfraCapacityRating	What is the capacity of the health infrastructure?	Р	Primary Importance
53	9 HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	Р	Primary Importance
	7 HealthInfraInvestmentMoP	What is the \$ investment in rebuilding the health infrastructure?	Р	Primary Importance
53	8 HealthInfraJobsCreatedMoP	How many jobs have been created in rebuilding the health infrastructure?	Ρ	Primary Importance
37	4 HumanitarianReliefStockPrepositionedMo P	What is the quantity of humanitarian relief stocks that have been prepositioned?	Ρ	Primary Importance
39	6 IIInessCausedByFamineEpidemicMoP	What is the level of illness caused by health emergencies, such as famine, epidemic, etc.?	Ρ	Primary Importance
16	0 IntelServiceChangeMoP	What is the progress in reforming the HN intelligence services?	Р	Primary Importance
16	4 IntelServiceInvestmentMoP	What is the \$ investment in intelligence personnel?	Р	Primary Importance
16	3 IntelServiceJobsCreatedMoP	How many intelligence services jobs have been created?	Р	Primary Importance
40	2 InternallyDisplacedPopulationActivityRatin g	What is the number and influence of the internally displaced population?	Ρ	Primary Importance
14	4 InterventionForcesActivityRating	What is the number and influence/activity rating of the intervention forces?	Ρ	Primary Importance
38	0 JobRelatedEducationalSystemRating	What is the capability of the educational system to produce job-worthy graduates (both at the general knowledge and skills level and at the elite/expert knowledge and skills level)?	Р	Primary Importance
38	1 KeyLeaderEducationRating	What is the influence of each key education leader?	Р	Primary Importance
29	6 KeyLeaderLaborRating	What is the influence of each key labor leader?	Р	Primary Importance
43	5 KeyLeaderSocialRating	What is the influence of each key social leader?	Р	Primary Importance
43		What is the influence of each key spiritual leader?	Р	Primary Importance
50		What is the \$ investment in rebuilding manufacturing structures?	Р	Primary Importance
39		What is the quantity of medical treatment provided?	Р	Primary Importance
27	9 MicrofinanceSystemChangeMoP	What is the progress in reforming microfinance systems?	Р	Primary Importance
	i8 MilitaryInvestmentMoP	What is the \$ investment in military personnel?	Р	Primary Importance
15		How many military jobs have been created?	Р	Primary Importance
58		What capacity of the military infrastructure has been rebuilt?	Р	Primary Importance
58		What is the \$ investment in rebuilding the military infrastructure?	P	Primary Importance
	6 MilitaryTrainedMoP	What is the progress in training military personnel?	P	Primary Importance
	5 MonetaryHealthRating	What is the health of the HN money (inflation, deflation, etc.)?	Р	Primary Importance
	4 NaturalResourceManagementChangeMoP	What is the progress in managing the natural resources?	Р	Primary Importance
	7 NaturalResourcesRating	How are natural resources represented?	P	Primary Importance
	3 ObscurantsInPlaceMoP	How much obscurants are in place?	P	Primary Importance
	9 ObservationOfSocialAnniversariesRating	What is the level of observation of social anniversaries?	P	Primary Importance
	5 ObserverMissionsActivityMoP	What is the activity level of observer missions?	P	Primary Importance
	1 OrganizedCrimeRating	What is the level of organized crime?	P	Primary Importance
	0	What is the level of satisfaction of the people's overall immediate needs?		Primary Importance
34	7 PollutionRating	What is the rating on pollution (individual, agricultural, industrial)?	Р	Primary Importance
34		What is the rating on the availability of potable water?	Р	Primary Importance
	7 PrecipitationRating	What is the precipitation level, drought/flood status?	Р	Primary Importance
28		What is the progress in privatizing governmnet run businesses?	Р	Primary Importance
30	· · · · · ·	What is the \$ investment in public works programs?	Р	Primary Importance
	3 PublicWorksJobsCreatedMoP	What is the number of jobs created by public works programs?	Р	Primary Importance
44		What is the level of activity in rebuilding a sense of community?	Р	Primary Importance
43		What is the capacity of religious buildings?	P	Primary Importance
43		For each group, what is its size and influence?	P	Primary Importance
42		What is the size and influence of the religious divisions of the population	P	Primary Importance
41		How many people have been resettled?	P	Primary Importance
62		What is the \$ investment in rebuilding the road infrastructure?	P	Primary Importance
39		What is the level of satisfaction of the people's health requirements?	P	Primary Importance
43		What is the level of satisfaction of people's spiritual needs?	P	Primary Importance
	O SocialGroupActivityRating	For each group, what is its size and influence?	P	Primary Importance
	6 SocialIssueDecisionMakingRating	What is the quality and nature of social decision making?	P	Primary Importance

LOE Description

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ID	Con	nections Source		Date		
	MetID	D Class Name	Defining Question		Lev	Level Description
	422	SocialProtectionProgramsActivityMoP	What is the level of activity i	in providing social protection programs?	Р	Primary Importance
		SocialSafetyNetChangeMoP	What is the progress in refo		P	Primary Importance
		SocialServicesAdequacyRating	1 5	vices, elderly care, etc., in scope (distribution	Р	Primary Importance
	388	TeacherJobsCreatedMoP	What is the number of teach		Р	Primary Importance
	370	TemporaryShelterCapacityProvidedMoP	What is the capacity of temp provided?	porary shelter/housing/refugee camps	Р	Primary Importance
	56	TransferOfControlToHNChangeMoP	What is the progress in trans the HN government?	sferring control of government functions to	Р	Primary Importance
		WaterAndSewageTreatmentInfraInvestme ntMoP	What is the \$ investment in infrastructure?	rebuilding the water and sewage treatment	Р	Primary Importance
	358	WaterDistributedMoP	What is the quantity of wate	er distributed?	Р	Primary Importance
		WaterDistributionInfraInvestmentMoP	infrastructure?	rebuilding the water distribution	Р	Primary Importance
		WaterMovementDamageMoP	seiche, etc.)?	ater movement (flood/dam failure, tsunami,	Р	Primary Importance
	295	WorkersOrganizationActivityRating	What are the numbers and i	nfluence of worker organizations?	Р	Primary Importance
11	Hartle	ey Notional Model		11/23/2011		
	297	AcceptableJobAvailabilityRating	What is the level of acceptal	ble job availability?	х	Implied Connection to LOE
	240	AgInvestmentMoP	What is the \$ investment in agricultural transactions?	agricultural support programs and other	ХХ	Direct Connection to LOE Task
	242	AgPolicyChangeMoP	What is the progress in refor	rming agricultural policy?	ΧХ	Direct Connection to LOE Task
	229	AgProductionMoP	What is the level of agricultu	ural production?	ΧХ	Direct Connection to LOE Task
	238	AgProductTransactionsLevelMoP	What is the level of purchase etc.)?	es/sales of agricultural products (food, seed,	ХХ	Direct Connection to LOE Task
	510	AgricultureInfraCapacityRebuiltMoP	What capacity of agriculture	e structures has been rebuilt?	ΧХ	Direct Connection to LOE Task
	509	AgricultureInfraJobsCreatedMoP	How many jobs have been c	reated in rebuilding agriculture structures?	ΧХ	Direct Connection to LOE Task
	239	AgSupportActivityMoP	What is the activity level of a	agricultural support programs?	ΧХ	Direct Connection to LOE Task
	638	AirportCapacityRebuiltMoP	What capacity of the airport	infrastructure has been rebuilt?	ХΧ	Direct Connection to LOE Task
		AirportJobsCreatedMoP	infrastructure?	reated in rebuilding the airport	ХХ	Direct Connection to LOE Task
		BridgeAndTunnelCapacityRebuiltMoP		and tunnel infrastructure has been rebuilt?	ХХ	Direct Connection to LOE Task
		BridgeAndTunnelJobsCreatedMoP	infrastructure?	reated in rebuilding the bridge and tunnel	XX	Direct Connection to LOE Task
		BuildPrisonsJobsCreatedMoP	infrastructure?	reated in rebuilding the prison	XX	Direct Connection to LOE Task
		BuildPrisonsMoP	How much prison infrastruc		XX	Direct Connection to LOE Task
		BusinessInfraCapacityRebuiltMoP BusinessInfraJobsCreatedMoP	How many jobs have been c	commercial structures has been rebuilt? reated in rebuilding shops and commercial	XX XX	Direct Connection to LOE Task Direct Connection to LOE Task
	370	CivilianHousingCapacityRebuiltMoP	structures? What is the capacity of civili	an housing that has been rebuilt?	хх	Direct Connection to LOE Task
		CommercialLawChangeMoP	What is the progress in refo	•	XX	Direct Connection to LOE Task
		DamsInfraCapacityRebuiltMoP	1 0	frastructure has been rebuilt?	XX	Direct Connection to LOE Task
		DamsInfraJobsCreatedMoP		reated in rebuilding the dam infrastructure?	XX	Direct Connection to LOE Task
		DeathAndIIInessFromHealthIssuesRating		s rate from disease or other health issues?	х	Implied Connection to LOE
		DischargedMilitaryJobsCreatedMoP		created for discharged military personnel?	хх	Direct Connection to LOE Task
		EconomicIntegrationChangeMoP	What is the progress in ecor	nomic integration and cooperation s and subsidies, debt management, arrears	ХХ	Direct Connection to LOE Task
	287	EconomicPolicyChangeMoP		rming government economic policy?	ХХ	Direct Connection to LOE Task
	532	EducationInfraCapacityRebuiltMoP EducationInfraJobsCreatedMoP	What capacity of the educat How many jobs have been c	ion infrastructure has been rebuilt? reated in rebuilding the education	XX XX	Direct Connection to LOE Task Direct Connection to LOE Task
	FFF	Flootrio Distribution Consolts Dobuilt MoD	infrastructure?	a distribution infrastructure has been rebuilt?	vv	Direct Connection to LOF Teel
		ElectricDistributionCapacityRebuiltMoP ElectricDistributionJobsCreatedMoP		c distribution infrastructure has been rebuilt? reated in rebuilding the electric distribution	XX XX	Direct Connection to LOE Task Direct Connection to LOE Task
	551	ElectricProductionCapacityRebuiltMoP		c production infrastructure has been rebuilt?	хх	Direct Connection to LOE Task

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LOE Description

Cor	nnections Source	Date		
Metll	D Class Name	Defining Question	Lev	Level Description
550	ElectricProductionJobsCreatedMoP	How many jobs have been created in rebuilding the electric production infrastructure?	хх	Direct Connection to LOE Tasks
298	EmploymentLevelRating	What is the employment level?	х	Implied Connection to LOE
559	ExtractiveEnergyProductionCapacityRebuil tMoP	What capacity of the extractive energy production infrastructure has been rebuilt?	ХХ	Direct Connection to LOE Tasks
558	ExtractiveEnergyProductionJobsCreatedM oP	How many jobs have been created in rebuilding the extractive energy production infrastructure?	ХХ	Direct Connection to LOE Tasks
563	ExtractiveEnergyTransportCapacityRebuilt MoP	What capacity of the extractive energy transportation infrastructure has been rebuilt?	ХХ	Direct Connection to LOE Tasks
562	ExtractiveEnergyTransportJobsCreatedMo P	How many jobs have been created in rebuilding the extractive energy transportation infrastructure?	ХХ	Direct Connection to LOE Tasks
19	FirstRespondersJobsCreatedMoP	How many first responder jobs have been created?	ΧХ	Direct Connection to LOE Tasks
390	GeneralJobsCreatedMoP	What is the number of jobs created through job help programs (skills training and counseling)?	ХХ	Direct Connection to LOE Tasks
579	GovtStructuresCapacityRebuiltMoP	What capacity of the government infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
578	GovtStructuresJobsCreatedMoP	How many jobs have been created in rebuilding the government infrastructure?	ХХ	Direct Connection to LOE Tasks
	HealthCareProjectsChangeMoP	What is the progress in health care projects?	ХΧ	Direct Connection to LOE Tasks
	HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	XX	Direct Connection to LOE Tasks
	HealthInfraCapacityRebuiltMoP	What capacity of the health infrastructure has been rebuilt?	XX	Direct Connection to LOE Tasks
	HealthInfraJobsCreatedMoP	How many jobs have been created in rebuilding the health infrastructure?	XX	Direct Connection to LOE Tasks
	IIInessCausedByFamineEpidemicMoP	What is the level of illness caused by health emergencies, such as famine, epidemic, etc.?	XX	Direct Connection to LOE Tasks
	IncreaseAgricultureBusinessesMoP	What is the increase in agriculture businesses?	XX	Direct Connection to LOE Tasks
	IncreaseFishingBusinessesMoP	What is the increase in fishing businesses?	XX	Direct Connection to LOE Tasks
	IncreaseTimberBusinessesMoP	What is the increase in timber businesses?	XX	Direct Connection to LOE Tasks
	IntelServiceJobsCreatedMoP JournalistTrainingAndProfessionalizationA	How many intelligence services jobs have been created? What is the activity level for sponsoring journalist training and	XX XX	Direct Connection to LOE Tasks Direct Connection to LOE Tasks
	ctivityMoP	professionalization projects?		
	LawEnforcementJobsCreatedMoP ManufacturingInfraCapacityRebuiltMoP	How many police jobs have been created?	XX	Direct Connection to LOE Tasks
	ManufacturingInfraJobsCreatedMoP	What capacity of manufacturing structures has been rebuilt? How many jobs have been created in rebuilding manufacturing	XX XX	Direct Connection to LOE Tasks Direct Connection to LOE Tasks
	5	structures?		
	MediaInfraCapacityRebuiltMoP	What capacity of the media infrastructure has been rebuilt?	XX	Direct Connection to LOE Tasks
	MediaInfraJobsCreatedMoP	How many jobs have been created in rebuilding the media infrastructure?	XX	Direct Connection to LOE Tasks
	MedicalTreatmentProvidedMoP	What is the quantity of medical treatment provided?	XX	Direct Connection to LOE Tasks
	MilitaryJobsCreatedMoP MilitaryStructuresCapacityRebuiltMoP	How many military jobs have been created? What capacity of the military infrastructure has been rebuilt?	XX XX	Direct Connection to LOE Tasks Direct Connection to LOE Tasks
	MilitaryStructuresJobsCreatedMoP	How many jobs have been created in rebuilding the military infrastructure?	XX	Direct Connection to LOE Tasks
591	MilitaryVehiclesCapacityRebuiltMoP	What capacity of the military vehicles has been rebuilt/replaced?	ΧХ	Direct Connection to LOE Tasks
590	MilitaryVehiclesJobsCreatedMoP	How many jobs have been created in rebuilding/replacing the military vehicles?	ХХ	Direct Connection to LOE Tasks
915	MiningInfrastructureCapacityRebuiltMoP	What capacity of the mining infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
914	MiningInfrastructureJobsCreatedMoP	How many jobs have been created in rebuilding the mining infrastructure?	ХХ	Direct Connection to LOE Tasks
642	NonMilVehiclesCapacityRebuiltMoP	What capacity of the non-military vehicles has been rebuilt/replaced?	ХХ	Direct Connection to LOE Tasks
641	NonMilVehiclesJobsCreatedMoP	How many jobs have been created in rebuilding/replacing the non- military vehicles?	ХХ	Direct Connection to LOE Tasks
441	PerceptionByPeopleOfChangesInTheirSocia IStatusRating	What is the belief by people that changes in their social status is good?	х	Implied Connection to LOE
440	PerceptionByPeopleThatTheirInterestsAre RepresentedRating	What is the level of belief by people that their interests are represented?	х	Implied Connection to LOE
285	PrivatizationChangeMoP	What is the progress in privatizing governmnet run businesses?	ΧХ	Direct Connection to LOE Tasks
303	PublicWorksJobsCreatedMoP	What is the number of jobs created by public works programs?	ΧХ	Direct Connection to LOE Tasks
626	RailroadCapacityRebuiltMoP	What capacity of the railroad infrastructure has been rebuilt?	ХХ	Direct Connection to LOE Tasks

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) (Connections Source		Date		
M	etID Class Name	Defining Question		Lev	Level Description
6	25 RailroadJobsCreatedMoP	How many jobs have been cr infrastructure?	eated in rebuilding the railroad	хх	Direct Connection to LOE Tasks
4	48 RebuildSenseOfCommunityActivitiesMoP	What is the level of activity in	n rebuilding a sense of community?	ΧХ	Direct Connection to LOE Tasks
4	44 ReligiousBuildingsCapacityRebuildingMoP	What is the capacity of religi	ous buildings that has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
4	44 ReligiousBuildingsCapacityRebuildingMoP	What is the capacity of religi	ous buildings that has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
6	22 RoadCapacityRebuiltMoP	What capacity of the road in	frastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
6	21 RoadJobsCreatedMoP	How many jobs have been cr	eated in rebuilding the road infrastructure?	ΧХ	Direct Connection to LOE Tasks
3	94 SatisfactionOfHealthRequirementsRating	What is the level of satisfacti	on of the people's health requirements?	х	Implied Connection to LOE
43	37 SatisfactionOfPeoplesSpiritualNeedsRating	What is the level of satisfacti	on of people's spiritual needs?	х	Implied Connection to LOE
6	34 SeaportCapacityRebuiltMoP	What capacity of the seaport	infrastructure has been rebuilt?	ХХ	Direct Connection to LOE Tasks
6	33 SeaportJobsCreatedMoP	How many jobs have been cr infrastructure?	eated in rebuilding the seaport	ХХ	Direct Connection to LOE Tasks
	8 SocialServicesAdequacyRating	How adequate are child serv throughout society) and effe	ices, elderly care, etc., in scope (distribution ctiveness?	х	Implied Connection to LOE
9	32 SportsInfraCapacityRebuiltMoP	What capacity of the sports i	nfrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
9	31 SportsInfraJobsCreatedMoP	How many jobs have been cr infrastructure?	eated in rebuilding the sports	ХХ	Direct Connection to LOE Tasks
2	93 TaxAndTradeChangeMoP	What is the progress in refor	ming tax and trade type policies?	ΧХ	Direct Connection to LOE Tasks
3	88 TeacherJobsCreatedMoP	What is the number of teach	er jobs created?	ΧХ	Direct Connection to LOE Tasks
4	42 ToleranceByPeopleOfTheStatusQuoMoFE	How tolerant are the people	of the Status Quo?	х	Implied Connection to LOE
6	72 WaterAndSewageTreatmentInfraCapacityR ebuiltMoP	What capacity of the water a been rebuilt?	nd sewage treatment infrastructure has	ХХ	Direct Connection to LOE Tasks
6	71 WaterAndSewageTreatmentInfraJobsCreat edMoP	How many jobs have been cr treatment infrastructure?	eated in rebuilding the water and sewage	ХХ	Direct Connection to LOE Tasks
6	68 WaterDistributionInfraCapacityRebuiltMoP	What capacity of the water of	listribution infrastructure has been rebuilt?	ΧХ	Direct Connection to LOE Tasks
6	67 WaterDistributionInfraJobsCreatedMoP	How many jobs have been cr infrastructure?	eated in rebuilding the water distribution	ХХ	Direct Connection to LOE Tasks
6	46 WaterwaysCapacityRebuiltMoP	What capacity of the waterw	ays infrastructure has been rebuilt?	ХХ	Direct Connection to LOE Tasks
6	45 WaterwaysJobsCreatedMoP	How many jobs have been cr infrastructure?	eated in rebuilding the waterways	ХХ	Direct Connection to LOE Tasks