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Human Terrain System

Human Terrain System Information Briefing for Army G3 16 Oct 2008

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The Significance of Human Terrain

Human Terrain System

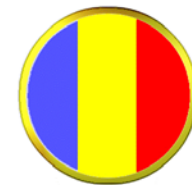
- Success of current and future operations is dependent upon our ability to understand, influence, and manage Human Terrain in an operational environment.
- Human Terrain is *tactical*, but its impacts are operational & strategic.
- Current Human Terrain capabilities are mostly strategic, accessed by reachback.
- There is a need to balance the strategic reachback with a tactical capability to apply social science expertise and methods to understand, influence, and manage Human Terrain.

The Dominant terrain in the 21st Century is Human.

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The Focus vs The Target

Human Terrain System



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Understanding Human Terrain is Decisive

Human Terrain System

*“Map the **human terrain** and study it in detail. Understand the local culture and history. Learn about the tribes, formal and informal leaders, governmental structures, religious elements, and local security forces. Understand how local systems and structures—including governance, provision of basic services, maintenance of infrastructure, and economic elements—are supposed to function and how they really function.”*

MNF-I Commander's Counterinsurgency Guidance

GEN David H. Petraeus

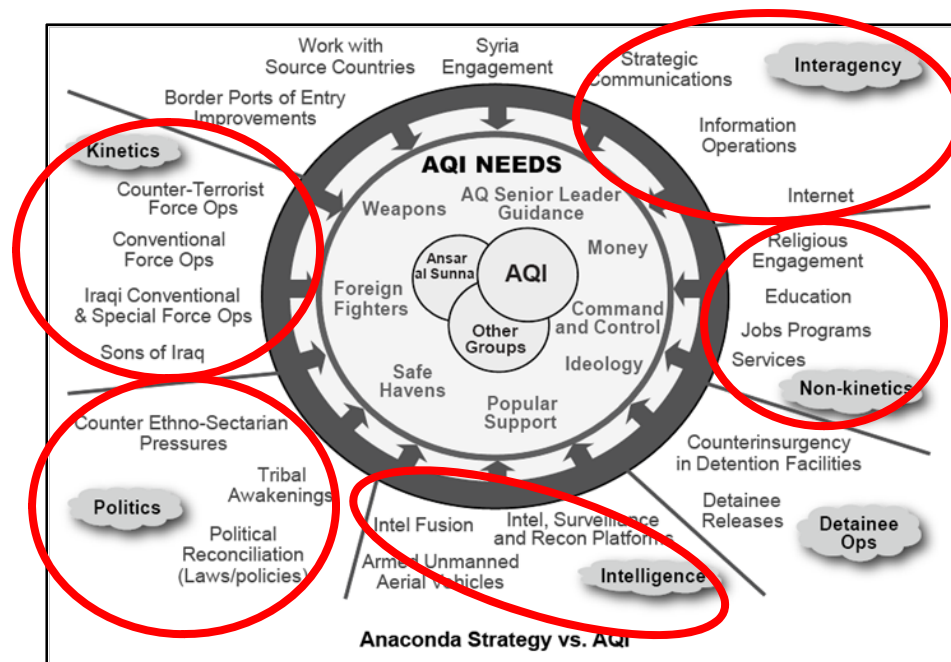
Military Review; Sep – Oct 08

*“We have **Human Terrain Teams** now because the decisive terrain in a counterinsurgency is the **Human Terrain**; not the physical terrain....”*

GEN David H. Petraeus

AUSA Convention Speech, 7 Oct 08

Anaconda Strategy

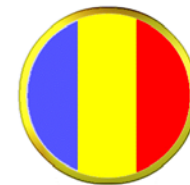


HTS's direct input to warfighter strategy & operations

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What is Human Terrain System?

Human Terrain System

- It is a new **functional area**
 - Accounting for the increased need for *Civil Considerations* in MDMP
 - Applying Social Science methods and experts ... to achieve socio-cultural understanding of the local population in a tactical operational area
- It is a new **organization**
 - Consisting of small deployable teams combining social scientists and operators... to support Commanders and staffs at the BCT/RCT and Div levels
- It integrates the **Human Domain** for Commanders and Staff
 - Operates in the Effects Cell
 - Supporting decision making (battle command) for current and future operations
 - Collaborating with patrols, CA, PSYOP, IO, SOF, Law Enforcement and PRTs
 - Sharing information through DCGS (S2) with other intelligence and battle command nodes in the network
 - Advising the Commanders, staffs and supporting subordinate units
- It supports an **immediate operational need** which will be a **long term capability for peacetime engagement**
 - Documented by two validated JUONS from CENTCOM (OIF and OEF) and... reinforced by ONS and requests from BCT & higher Commanders, SOCOM, PACOM, AFRICOM

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Why Human Terrain System?

Human Terrain System

The Operational Gap (10th Mtn Div/CJTF76 JUONS/1CD/82 Abn/II MEF ONS):

- *Insufficient understanding of the target area culture and its impact on operational decisions; and insufficient or ineffective transfer of knowledge to follow-on units via RIP/TOA process.*
- *Limited Joint, Service, or Interagency capability (organization, methods, and tools) to conduct research, visualize, understand, and explain the human terrain (i.e. population in which the unit operates).*

Symptoms:

- Limited ability to conduct **research, archive, transfer** data and information about human terrain gained during operations
- Limited **socio-cultural knowledge bases**
- Inability to **exploit open source and unclass cultural information**
- **Insufficient doctrine/TTPs** for “denied area ethnography”
- Limited **SME support** to assist commanders to understand human terrain
- Inability to tap into the worldwide **cultural knowledge capital**

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HTS Rapid Growth

Human Terrain System

Jan 07

Surge
announced

Feb 07

First HTT
deploys AF

March 07

Army G2 mtg
w/ OSD to
support surge

- JIEDDO funded Proof of Concept (FY06-07) (5 Teams)
 - Approved Provisional TDA.
 - Military, social scientist, & area specialist recruiting & hiring begun
 - Training program and support site established at Fort Leavenworth.
 - 1st HTS tool kit prototype developed and used in Afghanistan
 - Reachback Research Center operational at Fort Leavenworth, supported by SME network in academia.
- MNC-I & CJTF82 JUONS (26 teams in 2 CENTCOM theaters)
 - Approved CONOP - Apr 07
 - Validated /funded JUONS – Apr 07/Jun -Sep07
 - Provisional TDA update to support JUONS
 - Recruiting and hiring process increased
 - MAP-HT prototype v.5 developed & fielded
 - Preliminary Assessment completed for Afghanistan
 - Four training cycles executing to support 2d & 3d Qtr FY08 deployments

Today

5 Teams in AF

19 Teams in IZ

2 IZ HTTs deploy between
Oct/Nov 08

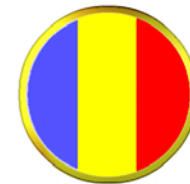
27th Team deploys to AF-
Jan 08

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OIF Operations



Human Terrain System

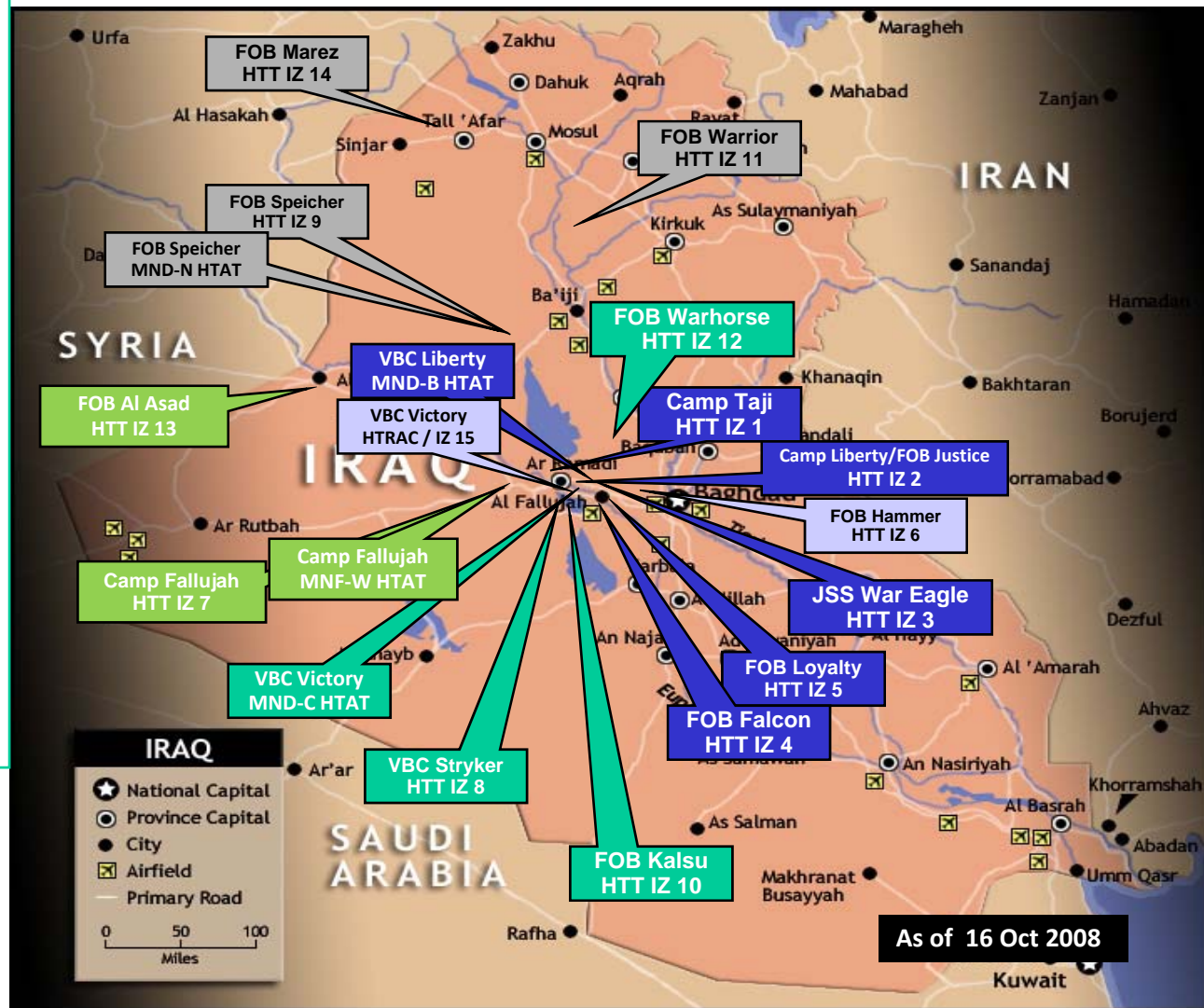
IRAQ TEAMS

21 Total Teams:

IZ#1 - 2/25 ID	HTAT IZ N - 1st ID
IZ#2 - 2/101 AA	HTAT IZ B - 4th ID
IZ#3 - 3/4 ID	HTAT IZ W - I MEF
IZ#4 - 1/4 ID	HTAT IZ C - 10th MT
IZ#5 - 4/10 MTN	HTRAC - MNCI HQ
IZ#6 - 2/1 AD	
IZ#7 - 1st RCT	
IZ#8 - 3/101 AA	
IZ#9 - 1/101 AA	
IZ#10 - 4/3 ID	
IZ#11 - 1/10 MTN	
IZ#12 - 2 SCR	
IZ#13 - 5th RCT	
IZ#14 - 3rd ACR	
IZ#15 - T/Sec Bde (Deploys 25 Oct 08)	
IZ#16 - MNSTC-I (Deploys NOV08)	

IRAQ SSRA CAPABILITY

IOC date: 01DEC08

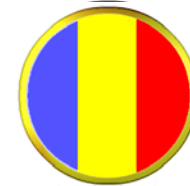


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OEF Operations



Human Terrain System

AFGHANISTAN TEAMS

6 Total Teams:

AF#1 – 4/101 AA

AF#2 - TF Cincinnatus

AF#3 – 3/1 ID

AF#4 - 2-2 Bn.

HTAT AF - CJTF-101

AF#5 - 3/10TH MTN (Deploys DEC08)

AFGHANISTAN SSRA
CAPABILITY

IOC date: 01JUL08



As of 16 Oct 2008

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HTS Objectives



Human Terrain System

- Provide BCT/RCT commanders with relevant, socio-cultural information and knowledge, and the dedicated expertise to integrate that understanding into their military decision-making process
- Minimize loss in continuity between unit Relief in Place/Transfer of Authority
- Research, interpret, archive and provide cultural information and knowledge to enhance operational effectiveness
- Maximize effectiveness of operational decisions by harmonizing COAs with target area cultural context

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Components of the Human Terrain System

Human Terrain System

1. Human Terrain Teams (HTT)/Human Terrain Analysis Teams (HTAT)
Support to Divisions or Corps
Deployed as required to BCT/RCT/Div/Corps
2. Reachback Research Center (RRC)
RC/Civilian Analysts, CONUS-based, regionally-focused cells
3. Subject Matter Expert-Networks (SME-Nets)
On-call, micro-regional focused
4. Toolkit
“Map-HT Toolkit”, fully DCGS compliant
5. Social Science Research & Analysis *Employed with Div/Corps level HTAT*
Operationally relevant, empirical, qualitative and quantitative social science research conducted in the AOR.

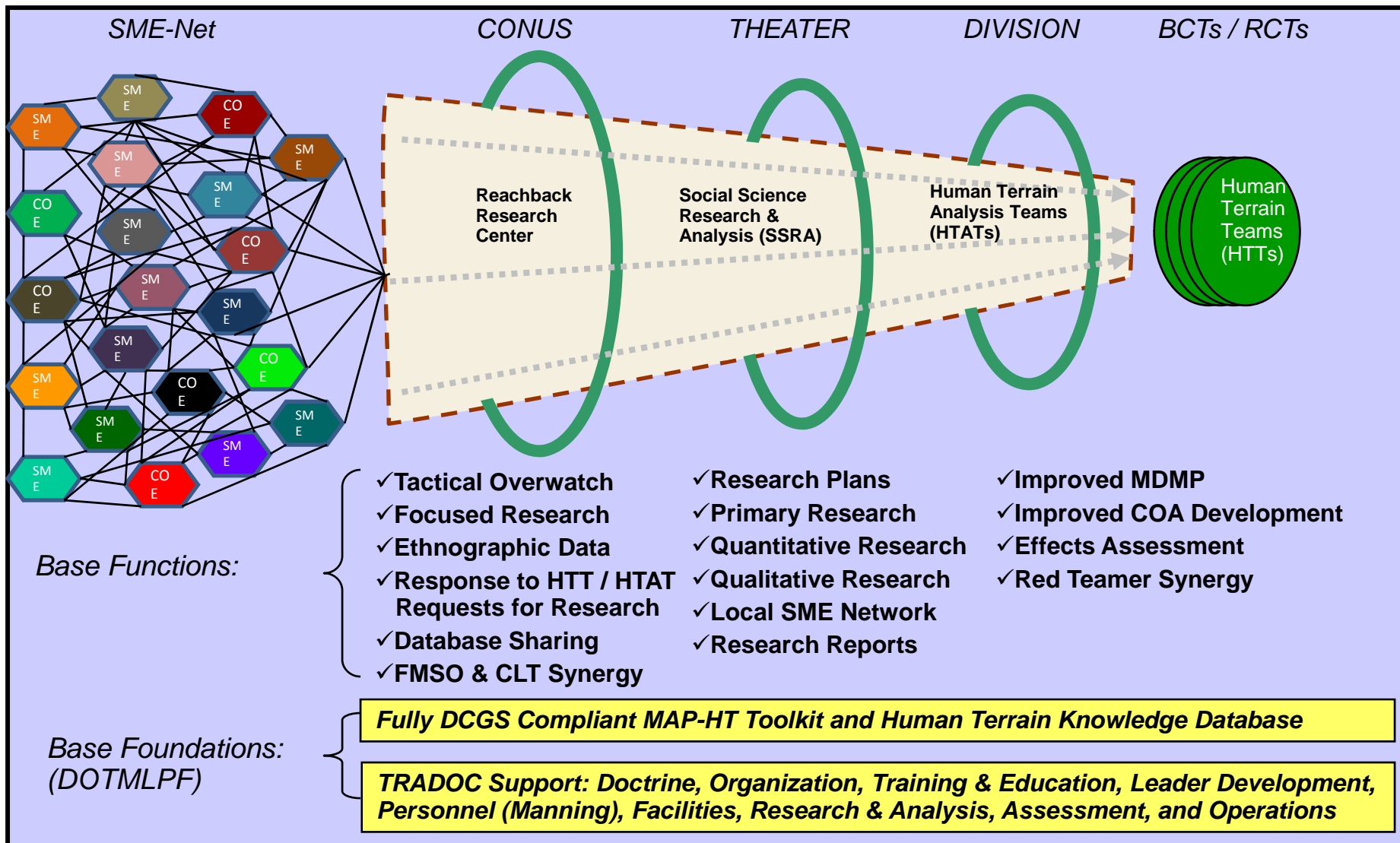
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Human Terrain System



Human Terrain System



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Human Terrain Team (HTT) – BCT/RCT



Human Terrain System

Human Terrain Team Leader

Specs: AC or RC / Retired Military, O-5/6,
Cbt Arms/SOF
Former BDE/BN Cmd
Duties: Commander's Human Terrain Advisor,
Integration of human terrain with MDMP,
Represent population at unit planning

Social Scientist

Specs: Civilian, MA/PhD,
Cultural Anthropologist/Sociologist
Duties: Advise HTT and unit staff,
conduct/manage ethnographic/social
science research and analysis

Human Terrain Analyst

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI
Trained debriefer & data researcher
Duties: Primary human terrain researcher
from Coalition elements (SOF, patrols, NGOs
GOs etc)

Human Terrain Research Manager

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI
Duties: Integrate human terrain research plan
with unit intelligence collection plan/OPLANS
Serve as first CI screen for HT data,
Secondary human terrain data researcher

Social Scientist

Spec: Civilian, MA/PhD,
Area Studies / Intl Relations,
Fluency in area language
Duties: Provide local area interpretation of
human terrain information
and run focus groups with locals

Human Terrain Analyst

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

Human Terrain Research Manager

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI
Secondary human terrain data researcher

Team size
expanding to nine
in Afghanistan

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Human Terrain Team Characteristics



Human Terrain System

- Teams, not individuals
 - Organized and trained as teams
- Regionally focused, modular, special staff capability
 - Outside of organic Battalion, Brigade, Division structure
 - Attached on orders to and in direct support of the BCT / RCT
- Provides operationally relevant human terrain information
- Directly applies this knowledge to the BCT MDMP and COA development
- Assists in the integration of efforts related to socio-cultural knowledge
 - BCT directed outreach to PRTs, NGOs, CA, PSYOP
 - US/Indigenous army military patrol debrief
 - Missions as directed by BCT Command Group
- Recommended staff integration: S3 Effects, data input thru S2
- Strengthens operational and unit transitions
 - Unit permanently in place; Member replacement staggered; 30-day right seat rides
- Lessons learned inform operational / strategic / policy decision making

Drives need for school, human resources, training development & management

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Human Terrain & Analysis Team (HTAT) - Division

Human Terrain System

Human Terrain Team Leader

Specs: AC or RC / Retired Military, O-5/6,
Cbt Arms/SOF

Social Scientist

Specs: Civilian, MA/PhD,
Cultural Anthropologist/Sociologist

Human Terrain Analyst

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

Human Terrain Research Manager

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

Social Science

Spec: Civilian, MA/PhD,
Area Studies / Intl Relations,

Human Terrain Analyst

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

Human Terrain Research Manager

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

IT Specialist

Specs: Military, E-6 to O-4, Any MOS
Duties: Maintenance of HW/SW; SW updates;
integration with supported unit

Human Terrain Analyst

Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

Human Terrain Research Manager

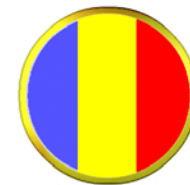
Specs: Military, E-6 to O-4,
CA/PSYOP/SOF or MI

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HTS Products



Human Terrain System



UNCLASSIFIED//FOUO

COR-HTS RESEARCH REACHBACK CENTER

CULTURAL KNOWLEDGE REPORT

25 SEPTEMBER 2007

RRC-AF1R-07-0012

Requestor:	AF1R / Garcia	Analyst:	Mr. Hamm, Mr. Corin
Date of Request:	15 September 2007	Country/topic tag:	AFG
RFR #:	NRFR_AF10009_15SEP2007		

HTT: Acknowledge receipt and provide feedback to RRC.

Research Request Summary

FOCUS AREA:

This RFR has been generated for the request of any and all information available for the five (5) eastern districts of Wardak province. The information has been requested to provide knowledge about the area to aid village assessments. Research should be merely a general research product, much like the

Maydan Shahr District, Wardak⁹

Maydan Shahr Statistics

Population	2005 CSO Estimate: 34,200
	2002 UNHCR Estimate: 40,707
Ethnic groups (2002 Est.)	85% Pashtun
	14% Tajik
	1% Hazara

The city of Maydan Shahr, located in the district of the same name, is the capital of Wardak Province. The district is on Wardak's eastern border with Kabul Province. UNHCR reported in 2002 that there are about 140 villages and sub-villages in the district.

Economy

The Maydan Shahr district is primarily an agricultural area, but drought has greatly reduced the amount of cultivation. Seventy percent of the land was found in 2002 to be under cultivation, and the primary crops were wheat, corn, and beans. District residents also kept sheep, goats, and cows.



Government

Governor: Abdul Jabbar Naeemi

President Karzai appointed Abdul Jabbar Naeemi Governor of Wardak in February 2006.⁴ Governor Naeemi is a former diplomat and a former representative of Kandahar Province, of which he is a native, in the Loya Jirga. In 2004, he worked for Karzai in Pakistan as an election agent. He campaigned for Karzai among Afghan refugees in Pakistan and educated them about the election process.⁵

Governor Naeemi is a follower of Pir Sayed Ahmed Gailani, a Pashtun spiritual leader of the Qadiriya order of Sufism. He is also a member of Gailani's National Islamic Front political party.



Governor Naeemi

Wolesi Jirga Members⁶

Abdul Reza Rezaee

Ahmad Hassain Sangar Dost

Haji Mosa Hotak

Sediqa Mubariz

Dr. Roshanak Wardak

Meshrano Jirga Members⁶

Kubra Mustafawi

Sami Jan Sherzada

Provisional Council Members⁷

Mohammad Hussain Fahimee

Mohammad Mokhles Mokhles

Shair Shah

Haji Mohammad Hazrat Janan

Sayed Mohammad Saeedi

Sultan Hussain Razi

Rahila Wardak

Rabia Amini

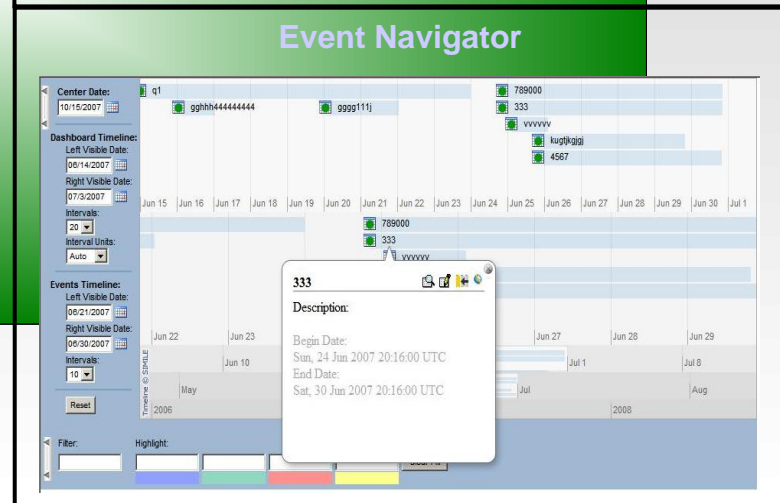
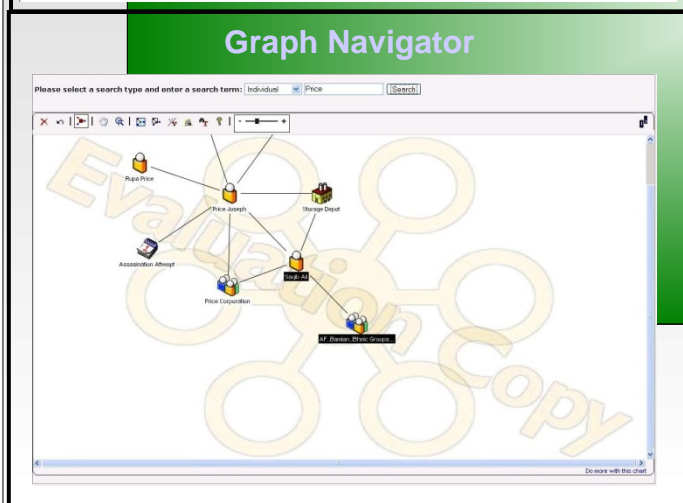
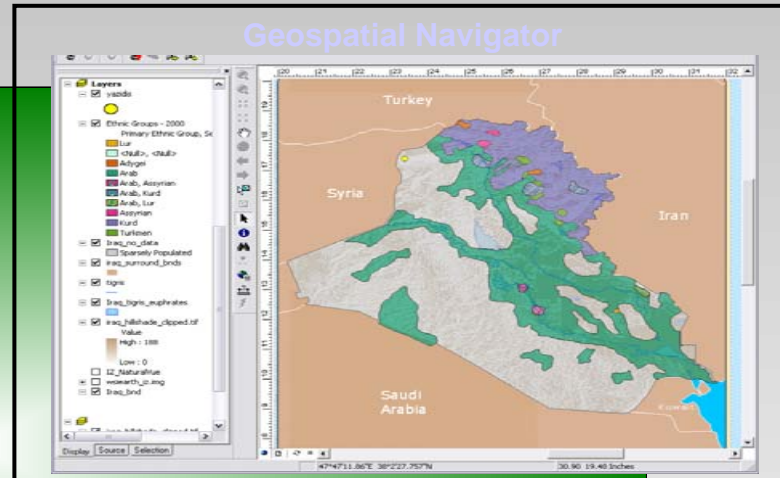
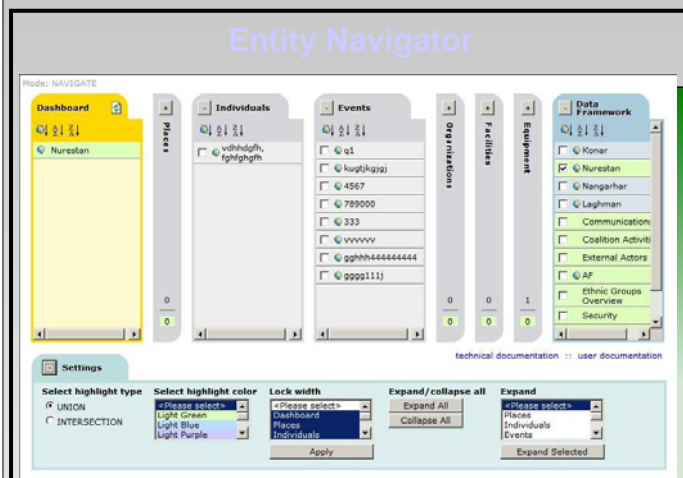
Bas Bibi

MAP-HT Toolkit



■ Human Terrain System

MAP-HT Presentation Layer





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MAP-HT Integrated UI



Human Terrain System

UNCLASSIFIED

Dir: 359.99° Alt: 171.54 Meter Above Ground Lat: 71.15319 Long: 34.87410

938 meter, 2 lane, Concrete Bridge

1:2 Stories, Detached Open, Industrial BTZ

MapHT 0.5 - Team AF01

RRC - AF

MapHT 0.5 - Team AF01 > RRC - AF > PR..Nangarhar

Country Level

- AF..Coalition Activities
- AF..Communications
- AF..Economy
- AF..Ethnic Groups
- AF..External Actors
- AF..Overview
- AF..Political
- AF..Security
- AF..Tribal Overview

Ethnic Group Level

- EG..Aimak
- EG..Baluchi
- EG..Hazara
- EG..Nuristani
- EG..Kyrgyz
- EG..Pamir
- EG..Pashkun
- EG..Tajik

Type	Name	Title	Modified
achin			7/2/2007 21
AFG IDPs		During the Soviet occupation and the Taliban period, one-third of the population fled Afghanistan	7/2/2007 21
AFG refugees return to Nangarhar Province			7/2/2007 21
Afghan Returnees NWFP to Nangarhar CS			7/2/2007 21
Afghanistan Government Pledges End To Hostage Deals - RADIO FREE EUROPE - RADIO LIBERTY		Afghanistan Government Pledges End To Hostage Deals - RADIO FREE EUROPE / RADIO LIBERTY	7/2/2007 21

Map

TLM 1:50,000

Asadabad

822

Shage Char

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Social Science Research & Analysis

Human Terrain System

SSRA significantly increases HTS effectiveness:

- Provides detailed, accurate and scientifically rigorous HT knowledge products based on the CDRs' specific Requests For Research (RFRs).
- HTT RFR plans developed and managed in-theater by qualitative & quantitative social science experts. Additionally oversees field research sub-contractor, and performs QA/QC on all products.
- Research performed by **trained indigenous personnel** executing an optimal mix of collection instruments (poll, survey, focus group, interview) through cut-out, local sub-contractors.



Contracts in place:

- Afghanistan SSRA - ~\$3M
 - Awarded – 01JUL08
 - APTIMA: Prime Contractor
- Iraq SSRA --\$22M
 - Awarded – 28SEP08
 - Sensor Technologies Inc.: Prime Contractor

SSRA SME/Researcher Network

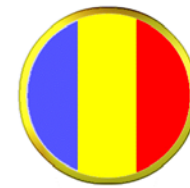
Political	Tribal	Security	Economic
Regional	Development	Reconstruction	Infrastructure
Health	Arts/Sports	Education	Media

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Social Science Research & Analysis Management Team



Human Terrain System

Research Director

Specs: Civilian, MA/PhD,
Cultural Anthropologist/Sociologist
Duties: Advise HTT and unit staff,
conduct/manage ethnographic/social
science research and analysis

Qualitative Analyst

Spec: Civilian, MA/PhD,
Duties:

Deputy Director

Specs: Civilian, MA/PhD,
Cultural Anthropologist/Sociologist
Duties: Advise HTT and unit staff,
conduct/manage ethnographic/social
science research and analysis

Research Analyst

Spec: Civilian, MA/PhD, Area Studies,
Fluency in area language
Duties: Provide local area interpretation of
human terrain information
and run focus groups with locals

Quantitative Analyst

Spec: Civilian, MA/PhD, SPSS qualified
Duties:

***Contracted
indigenous
translation, survey
and polling capability***

Research Analyst

Spec: Civilian, MA/PhD, Area Studies,

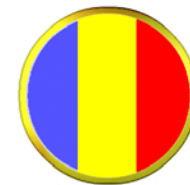
Research Analyst

Spec: Civilian, MA/PhD, Area Studies,

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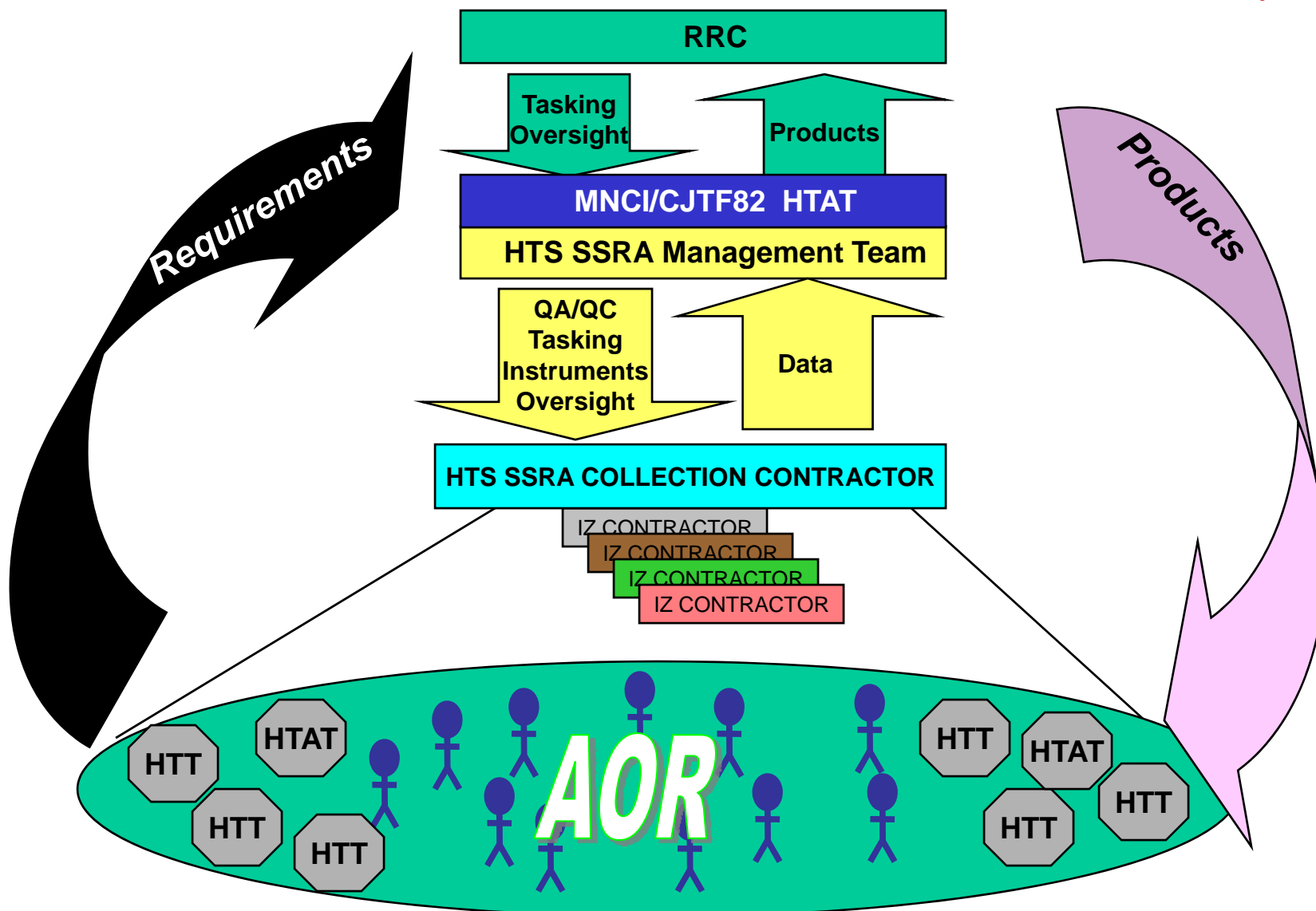


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MNCI/CJTF82 SSRA Organization & Functions

Human Terrain System



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HTT Impact Assessment - Aug 07

Human Terrain System

- Brigade Commander:
 - "When we took over, of 83 formal and informal districts, 19 districts supported the government last year, and now it's 53. [COL (P) Mick Nicholson] made some of the progress, but I absolutely attribute that change to the HTT."
 - "Without the HTT filter on the COAs and the alternative maneuver tools they identified to create the exact same effect, we would have lost double the lives and would have had double the contacts. The US military has been here for years now and this unit [82nd Airborne] has been here for two rotations, and it's had no effect until now."
 - "We estimate that, as a result of the HTT, we have reduced our kinetic operations by 60-70%."
- Company commander:

"Without the HTT, our actions would not have been as precise. If they weren't there, I would have cordoned off the village, gathered local elders and told them what we were doing, I would have told them to show me their personally-owned weapons, and if they didn't show us their weapons we would have torn up the village and taken them. Because of the HTT, I understood my alternatives!"

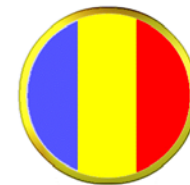
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HTT Impact Assessment

Iraq, Feb 08



Human Terrain System

- **“We could not be doing what we’re doing now if we did not have the HTT.” - COL Dewhurst, Cdr, 4-10 BCT**
- **“The HTT filled a gap. We had no one with that level of expertise to talk about personality, religion, tribal structures, the religious system... The S2 couldn’t have done it – he’s not an Arabist. IO didn’t have that expertise. The HTT was an enabler on the staff that let us do things we couldn’t have done otherwise.” - COL Ferris, Cdr, 2-82 BCT**
- **“We’ve been here for about 2 months, and in control of battlespace for a about a month. My initial reaction is absolutely positive. I wish we had had the HTT earlier, and I wish that we had it integrated earlier. There is remarkable depth of knowledge on the team and I’m just now peeling back the capabilities. Iraq in many ways is culturally opaque and the HTT is helping us see through it.” - COL McCaffrey, Cdr, 2-25 BCT**
- **“[The HTT] provides cultural insight—two or three levels more on what is going on in neighborhoods” - LTC Carson, DCO, 2-101 BCT**
- **“I didn’t realize how important it was until I saw it in action.... I don’t think we’ve even scratched the surface of their potential” - MAJ Blood, 4-10 BCT ECOORD**
- **“HTT is an essential staff contribution representing a more educated advisor about the asymmetric non-linear fight.” – MAJ Grant, Cdr, TPD 1660 (4-1 BCT)**
- **“HTT provides a different perspective on the non-lethal targeting because they see things from the human perspective regarding body language, deference to the SOIs, and gestures” - MAJ Harvey, S7, 4-1 BCT**
- **“HTT has saved time and intellectual energy. [It] keeps us from going down the wrong road. “ - MAJ Freeman, FSO, 2-101 BCT**

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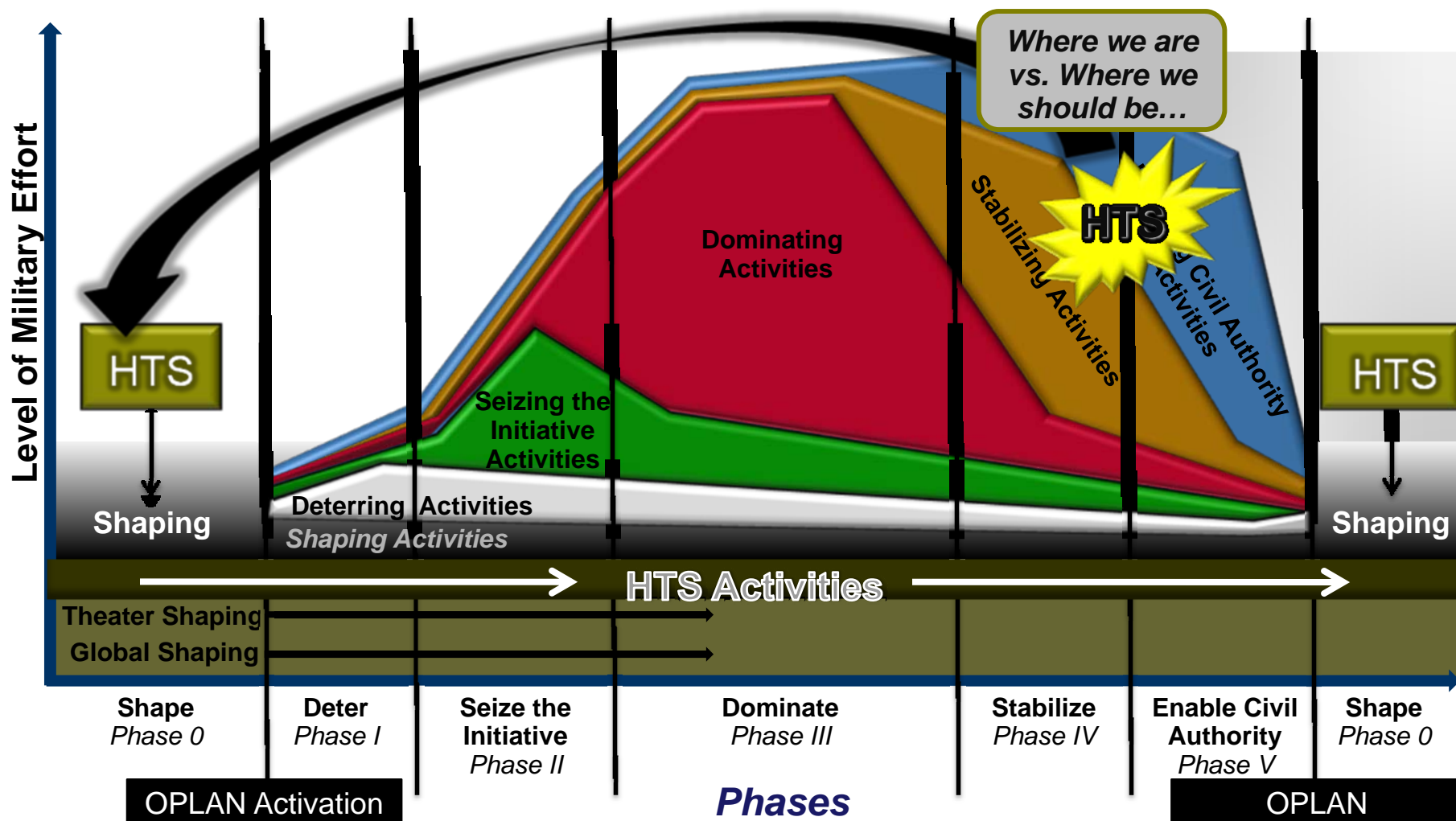


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HTS... A full spectrum social-cultural capability



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Joint Concept of Operations



Human Terrain System

IC HT/SCD Enterprise



**COCOM
JIOCs**
Support to JIPOE
(Provide
deployable
HTTs or HTATS)

JTFs etc

24/7 Reachback
Research Center
Knowledge Base

Academic
Community



CSIS



**CORPS G2/G3/G9:
HTRAC*
SSRA- OIF***



**Division/MEF G3:
HTAT*
SSRA-OEF***



**BCT/RCT and
BN
HTT*
S3
Task Organized
to Company
level**

*HTT = Human Terrain Team BCT/Bns
*HTAT = Human Terrain Analysis Team Div
*HTRAC = Human Terrain Research & Analysis Cell MNCI
*SSRA = Social Science Research & Analysis in unit AO
Cdr decides-Conducting Assessment & DOTMLPF Analysis

Via DCGS and MAP-HT

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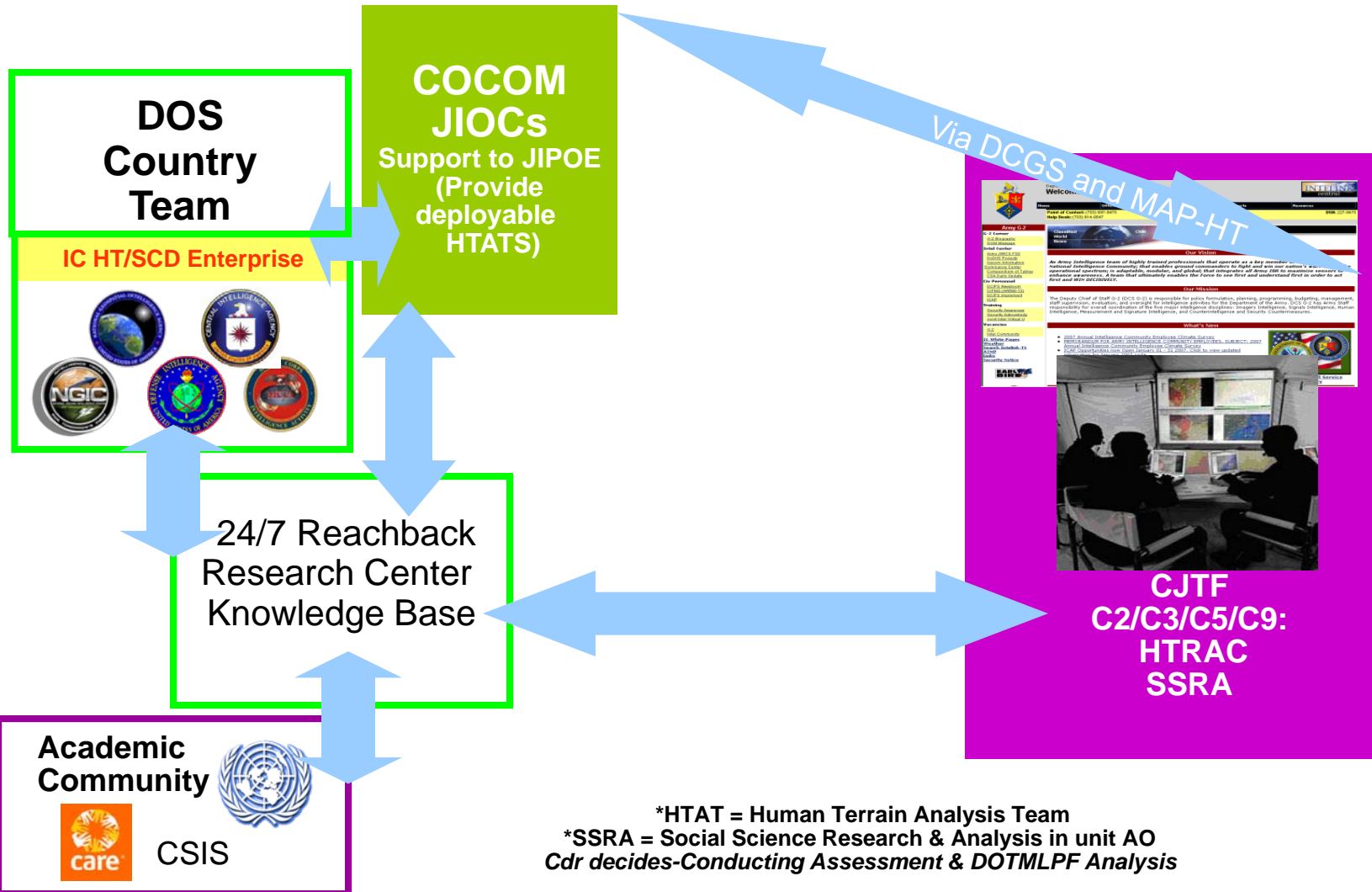


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CJTF-HOA CONOP – Phase 0



Human Terrain System



*HTAT = Human Terrain Analysis Team
*SSRA = Social Science Research & Analysis in unit AO
Cdr decides-Conducting Assessment & DOTMLPF Analysis

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HTS Support to CJTF-HOA

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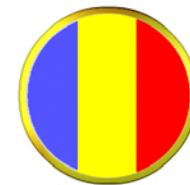
- On-site staff expertise able to focus on integrated COA/Engagement Strategy development:
 - Tribal Expertise
 - Economics
 - Agriculture/Pastoralism/Land Tenure
 - Cross-Cultural Communication
 - Area History
 - Medical Anthropology
 - Military Planning
 - Key Leader Engagement preparation
- Metrics Development (Security, Stability, Effectiveness, etc)
- Social Science Research & Analysis (Focused, quantitative polling, survey, qualitative interviews, multivariate analysis)
- Effective Multi-National Communication
- Focused Reachback Support
- Partnership Building with Country Teams/USAID
 - Bi-Lateral assistance
 - Knowledge Sharing
- Knowledge Continuity
 - RIP-TOA and MRX support
 - Institutional Knowledge

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Joint Urgent Needs



Human Terrain System

- **JUONS Consolidated/validated by CENTCOM (#0197) Apr07**
 - Requirement: 26 HT Teams for all deployed BCT/RCT and echelons above
 - MNSTC-I additional HTT requirement added by RFF
 - Theater Security Brigade additional HTT requirement added by RFF
 - Additional HTT for CJTF101 Battalion added by RFF

HTS JUONS: FY07 funding approved by JRAC;
FY08 funding approved by DOD
- **Additional current operational demands (pending)**
 - ISAF headquarters requesting HTS teams
 - JTF HOA requesting JTF level team; AFRICOM assessing additional needs
 - PACOM focused request for South Asia & Philippines support

"Increased Use of Social Sciences in Irregular Warfare: Human Terrain Teams - A key aspect of DOD's irregular warfare approach is the increased use of Human Terrain Teams. The bill authorizes \$90.6 million for funding to meet CENTCOM's requirement for 26 teams and encourages DOD to expand the use of HTTs for other Combatant Commands (COCOMs)."

H.R.5658: FY2009 National Defense Authorization Act

Enduring need & reqmt in Irregular Warfare established

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HTS Issues-G3



Human Terrain System

- FY09 Funding
- Personnel manning
 - Reservists/WIAS
 - Future Job Placement
 - Remissioning issues
- POR/Service Lead
 - DEPSECDEF Memo

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COCOM Requests: Current & Projected Requirements



Human Terrain System

JUONS

RFFs

Emerging (FY09 & beyond)

- **AF: CJTF82**

- 3 HTTs
- 1 HTAT

✓

✓

+ additional HTT

Additional BCT rqmt

ISAF, 2 teams (not validated)

- **IZ: MNC-I** *Enduring Rqmt*

- 18 HTTs
- 4 HTATs

14 HTTs

✓

Corps HTRAC

+ two additional HTTs

- **Other COCOMs**

AFRICOM: HTT & RRC cell?

-- CJF HOA: JTF level team

USFK: team requested

PACOM: pending S. Asia & Philippines

- **Total**

- 26 Teams

26 teams

SOUTHCOM: TBD

EUCOM: TBD

32+ teams?

CJTF HOA & USFK have both requested teams; others pending



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Human Terrain System

QUESTIONS?

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Background FY07-FY08

Human Terrain System

Jun 06	HTS formed in response to multiple ONS: 10 th Mtn Div, 82 nd Abn Div, 101 st Abn Div (AASLT), 1 st Cav Div, XVIII Corps, II MEF, III Corps Initially approved for funding as a JIEDDO Proof of Concept
Feb 07	1 st Human Terrain Team (HTT) deployed to OEF
Mar 07	HTS captured under USD(I) Human Terrain Initiative (HTI) to support Baghdad surge
Mar 07	OEF/OIF submit HTS JUONS to CENTCOM
Apr 07	Consolidated/validated by CENTCOM (JUONS 0197) JUONS Requirement: 26 HTTs at all deployed Army & USMC BCTs/RCTs/Divs HTS CONOP approved by CENTCOM
May 07	Validated by DOD as an Immediate Warfighter Need
Jun 07	HTS JUONS approved for FY07 funding by JRAC HTS MAP-HT Toolkit approved as a JCTD
Dec 07	HTS JUONS approved for FY08 funding by DOD
Jan 08	Additional HTS JUONS by MNSTC-I added under JUONS 0197
Jun 08	Additional HTAT requested by ISAF HQs
Apr 08	HTS designation as a DOD directed, Army led, jointly manned organization in DOD staffing HTS joint funding requirements submitted to JCS /validated through PDM II process CG TRADOC approved / submitted HTS Concept Plan to HQDA
May 08	HTS enduring base requirements submitted to Army /validated critical in Army POM10-15 JIEDDO provided funding to build HTS scenario in the CTC experience HTS military position reqts documented on TRADOC MOB TDA
Jul 08	HTS SSRA capability deployed to OEF
Sep 08	HTS SSRA capability contract awarded for OIF

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The Human Dimension: April 07 CONOP

Human Terrain System

2.1 Social Science support to Military Operations

- ***Local population* critical to Irregular Warfare & Counter-Insurgency**
- **FM 3.0 adds “Civil Considerations” (METT- TC)**
...the nature of full spectrum operations requires commanders to assess the impact of nonmilitary factors on operations. Because of this added complexity, *civil considerations* has been added to the familiar METT-T to form METT-TC. All commanders use METT-TC to start their visualization. Staff estimates may address individual elements of, and add to, the commander’s visualization.
- **Information on social groups and their interests, beliefs, leaders, and the drivers of individual and group behavior is needed to conduct effective counterinsurgency operations**

The human dimension is the very essence of irregular warfare environments



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Social Science and Human Terrain

April 07 CONOP



Human Terrain System

2.1 Social Science support to Military Operations

- The *tools* for conducting research and analysis to provide valid and objective information on these topics are highly specialized in the *social sciences*. Social science research of a host population produces a knowledge base which is referred to as the “human terrain.”

Human Terrain: Information about the physical security, economic security, ideology and belief systems, authority figures, and organizations relevant to major social groups in the area under study. This information comes from open source, unclassified collection and is referenced geo-spatially, relationally, and temporally to enable the creation of various “maps” of the human dynamics in areas where the U.S. has committed forces or other U.S. government officials.

The human dimension is the very essence of irregular warfare environments

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