



UNITED STATES *A*FRICA COMMAND

**National Defense
Industrial Association**

**Daniel
"Kaz"
Kasmierski**

PARTNERSHIP

·

SECURITY

·

STABILITY

Outline

- **Our Mission**
- **Global Security Challenges**
- **Security Focused Vision**
- **Building Security Capacity**
- **S&T Requirements / Focus Areas**
- **Summary**



U.S. Africa Command Mission Statement

United States Africa Command,
 in concert with other U.S. Government agencies and international partners, conducts sustained security engagement through military-to-military programs, military-sponsored activities, and other military operations as directed to promote a stable and secure African environment in support of U.S. foreign policy.



Bottom Line Up Front -- Why U.S. Africa Command?

- Provides dedicated focus on Africa
 - Single geographic combatant command responsible for all Department of Defense programs and activities in Africa
 - Continent, island nations, maritime zones, and airspace
- Supports U.S. foreign policy goals and objectives
- Protect American lives and interests in Africa and in the homeland
 - Performs military-to military activities that help build capacity of African partners to counter transnational threats
 - Foster increased security and stability
 - Support peacekeeping operations
 - Address consequences of humanitarian disasters



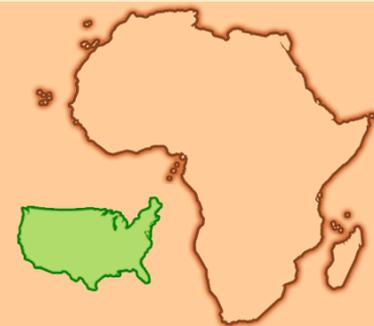
African Problems are Global Security Challenges

- Piracy
- Trafficking
- Irregular Militaries
- Terrorism & Extremism
- Ethnic Strife
- Undergoverned Areas
- Pilferation of Resources (e.g., Illegal Fishing)
- Pandemic Disease – HIV/AIDS
- Insufficient Means to Confront Challenges
- Dependence on Foreign Assistance



Large
Diverse
Complex

11.7 million square miles
 3-1/2 times the Continental United States
 1 Billion people
 Over 800 ethnic groups and 1000 languages



A Security-Focused Vision for Africa

Expressed By Our African Partners

Capable and accountable military forces



Strengthened security institutions



Ability to dissuade, deter and defeat threats



Able to support international peace efforts



How We Can Help?

Build Operational Capacity



Build Institutional Capacity



Build Human Capital



Building Security Capacity (1 of 3)



Growing Maritime Security Capacity: Africa Partnership Station (APS)



Training Peacekeepers: Africa Contingency Operations Training and Assistance (ACOTA)



Increasing Regional Response Capacity: NATURAL FIRE



Supporting Partner Counter Terrorism Efforts: OEF-Trans Sahara



Building Regional Partnerships: FLINTLOCK



Helping Secure Territorial Waters: Africa Maritime Law Enforcement Program (AMLEP)



Building Security Capacity (2 of 3)



Developing Lasting Relationships: State Partnership Program (SPP)



Conducting Defense Sector Reform (DSR): Liberia



Promoting Interoperability: AFRICA ENDEAVOR



Training and Professionalizing: Democratic Republic of Congo Light Infantry Battalion



Building Institutions: Inspector General, Legal, Chaplaincy, and others



Engaging in Dialogue: Academic Symposia and Other Partnership Forums



Building Security Capacity (3 of 3)



Building Sustainment Capability: Adaptive Logistics Network



Rendering Former Battlefields Safe for Use: Humanitarian Mine Awareness



Improving Control of the Seas: Maritime Domain Awareness (RMAC)



Military Intelligence (MI) Education: MI Basic Officer Course-Africa



Building Strong NCO Corps: NCO Professional Development



Constructing a Network: Comms for AU Peace and Security Commission



S&T Requirements Development

S&T Requirements derived from:

- Africa Command Theater Strategic Objectives
- Integrated Priority List
- Theater and Regional Campaign Plans

S&T focus areas: (Feb 2010)

- Persistent Intelligence, Surveillance, and Reconnaissance (ISR)
- Socio-Cultural Dynamics
- Joint Personnel Recovery
- Maritime Domain Awareness
- Medical Security



S&T Focus Area: Socio-Cultural Dynamics

Requirement: Improved understanding of the African Continent

- Processing and Exploitation of Large Unstructured Data Sets
- Cross Domain Solutions
- Deployable social science research capability with reach back
- Advance Geospatial Visualization
- Automated translation of languages in use on the African continent (French, Swahili, Arabic, Aramaic, Portuguese, Somali)



S&T Focus Area: Joint Personnel Recovery (JPR)

Requirement: Improve JPR on the Africa Continent

- **Improved one-way messenger system that:**
 - Is Global Positioning System (GPS) enabled, satellite and Global system for Mobile Communications (GSM) based
 - Provides continuous tracking of individual transmitters
 - Has user activated Operational Functions
 - Is non-descript and attachable to military and civilian clothing
 - Has encrypted transmission



S&T Focus Area: Maritime Domain Awareness

Requirement: Improved maritime domain levels of awareness in support of Joint / Coalition / Partner efforts for counter piracy, Weapons of Mass Destruction proliferation and other missions

- **Identify and distinguish between vessels of interest and legitimate traffic (automated anomaly detection)**
- **Establish and disseminate non-classified Common Operational Picture (COP) for coalition/partner operations**
 - **Cross security domain information transfer**
 - **Automated data fusion**
 - **Integration of commercial space based imagery (SAR, EO, IR) into COP**
- **Operate from minimally staffed Maritime Operations Center Operations Center with minimal infrastructure**



S&T Focus Area: Medical Security

Requirement: Enhance partner nation's militaries in developing medical screening and surveillance, education and training, and treatment capacity for epidemics and epidemic prone diseases

- **Medical Security - Infectious disease control**
- **Support for disease surveillance data bases**
- **Improve surveillance communication using Short Message System (SMS) or voice messaging (cell phone based)**
- **Improved Laboratory Detection and Identification for emerging infectious diseases/agents**
- **Support to their Militaries across the spectrum of operations**



Summary

- **Africa Command has identified focus areas for S&T**
- **Africa Command continues to research other areas requiring S&T support**
- **Initiatives must be focused on meeting Africa Command Theater Strategic Objectives**



Our Team

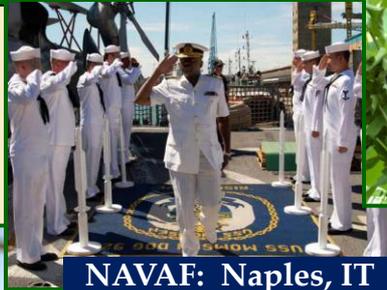
In Europe ...

USAFRICOM Headquarters



Stuttgart, GE; Molesworth, UK; and Tampa, FL

Includes ~30 personnel from 10 other US Government agencies



NAVAF: Naples, IT



USARAF: Vicenza, IT



CJTF-HoA: Djibouti



MARFORAF: Stuttgart, GER



AFAFRICA: Ramstein, GER



Defense Attaches



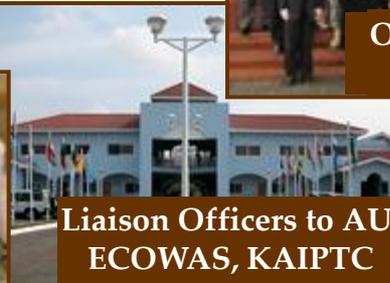
Offices of Security Cooperation



SOCAFRICA: Stuttgart, GER



Bi-Lateral Assistance Officers



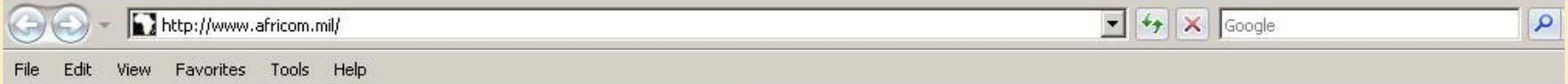
Liaison Officers to AU, ECOWAS, KAIPC



... and on the Continent



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UNITED STATES AFRICA COMMAND
General William E. Ward, Commander

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U.S. AFRICOM's Civilian Deputy Concerned About Dramatic Increase in West African Narcotics Traffic
Mar 03, 2009 · U.S. AFRICOM Public Affairs



West Africa has seen an "absolutely shocking" increase in narcotics trafficking, which

disrupts local communities and threatens the entire region, U.S. Africa Command's civilian deputy told Ghanaian reporters March 2, 2009, while visiting a fishing community near the coastal city of Sekondi. [Full Story](#)

The Role of Military Leadership in HIV Prevention

Mar 03, 2009 · U.S. AFRICOM Public Affairs



Military leadership is a critical element

PREV NEXT View Hi Gallery PAUSE



SEKONDI, Ghana - A member of a Ghanaian military honor guard presents military honors to Ambassador Mary C. Yates, U.S. Africa Command's deputy to the commander for civil military activities during a visit to Sekondi on March 2, 2009. Yates was visiting West African nations to discuss increase cooperation in stemming the illegal flow of drugs, as well as illegal fishing and other criminal trafficking. (Photo by Vince Crawley, U.S. Africa Command)

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BLOG

AFRICOM Dialogue

From Gen William "Kip" Ward

Welcome.
As we build U.S. Africa Command, we want to talk to people about what the U.S. military is doing in Africa. [\[Read Full Entry\]](#)

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"Editors Note: Natalie Lampert is a sophomore at Elon University, where she is majoring in International Studies with a regional concentration in Africa. She graduated from the International..." [\[Read Full Entry\]](#)

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