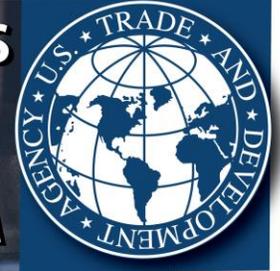


# KENYA EMERGENCY COMMUNICATIONS SYSTEMS REVERSE TRADE MISSION

MAY 13-22, 2019

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## DELEGATE LIST & BIOGRAPHIES

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### Delegates

**Peter Thuku** – Secretary, National Steering Committee on Peacebuilding, Conflict Management, and Disaster Response, Ministry of Interior and Coordination of National Government (Delegation Leader)

**Ali Gakweli** – Government Chemist, Government Chemist Department

**Kennedy Ondieki** – Director, Border Management Secretariat, Ministry of Interior and Coordination of National Government

**Francis Mwangi** – Director, National Disaster Management Unit, Ministry of Interior and Coordination of National Government

**Philip Opiyo** – Deputy Director, National Disaster Management Unit, Ministry of Interior and Coordination of National Government

**Richard Kenduiwa** – Deputy Director, National Disaster Operations Center, Ministry of Interior and Coordination of National Government

**Francis Tiira** – Principal Officer, Border Management Secretariat, Ministry of Interior and Coordination of National Government

**Wycliffe Matini** – Risk and Crisis Communication Focal Person, Disease Surveillance & Epidemic Response Unit, Ministry of Health

**Venant Ndighila** – Emergency Preparedness and Response Manager, Kenya Red Cross Society

**David Masai** – Nursing Officer, National Disaster Management Unit, Ministry of Interior and Coordination of National Government

**Amos Anyieni** – Program Specialist & ICT Officer, National Disaster Management Unit, Ministry of Interior and Coordination of National Government

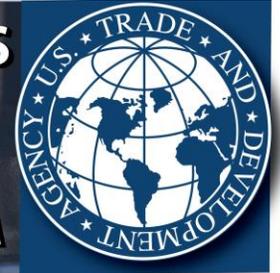
### Accompanying the Delegation - U.S. Commercial Service in Nairobi

**Janet Mwangi** – Commercial Specialist, U.S. Commercial Service in Nairobi, Kenya

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## DELEGATE BIOGRAPHIES

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### **Peter Thuku**

*Secretary, National Steering Committee on Peace Building,  
Conflict Management and Disaster Response  
Ministry of Interior and Coordination of National Government*

Mr. Peter Thuku is the Secretary of the National Steering Committee on Peace Building, Conflict Management and Disaster Response under the Ministry of Interior and Coordination of National Government. His key role includes coordination of peace initiatives and conflict resolutions and responding to emergencies and disasters. Mr. Thuku has played a key role to ensure preparedness in times of emergencies and disasters in Kenya with the support of multiple stakeholders.

Mr. Thuku received a bachelor's degree in economics and political science and a master's degree in project planning and management from the University of Nairobi.

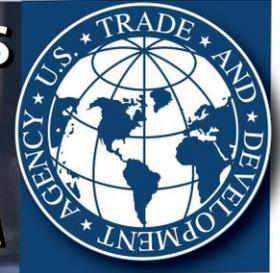
**Delegate Interests:** Mr. Thuku is interested in learning more about the types of technologies used in responding to emergencies (products and chemicals used for firefighting and evacuation of flooding victims), the structures necessary for respond and mitigate emergencies and disasters, and fundraising techniques for emergencies and disaster issues. He would like to learn more about procedures to follow when responding to emergencies and disasters, what to put in place to reduce fatalities in times of disasters, and the methods used to compensate victims of disasters.

**Organization Profile:** The Peace Building, Conflict Management and Disaster Response Department of the Ministry of Interior deals with coordination of peace building activities and conflict resolutions and disaster response in the country. The department also links with other partners with similar missions to ensure smooth operation in the country. The department lacks resources, especially equipment, to handle emergencies and disaster related matters. The department is working closely with World Vision and other partners to settle victims of disasters in Kenya. The department lacks proper coordination role as some parts of the country has poor networks coverage thus making it difficult to communicate to victims of emergencies and disasters. Lack of a rapid response fund is also another major challenge since disasters and emergencies are not at times expected.

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## Ali Gakweli

Government Chemist  
Government Chemist Department

Mr. Ali Gakweli joined the Government Chemist Department in 1987 as an Analyst III and rose to become the Government Chemist. He oversaw the forensic division at the Mombasa laboratories before moving to Nairobi in 2009. He is currently the National Focal Point for chemical, biological, radiological and nuclear (CBRN) risk mitigation and is the head of the National Authority for the implementation of the Chemical Weapon Convention (CWC). He is a trained first responder to chemical war agents and toxic industrial chemicals and participated in the chemical response exercise (ASSISTEX III) organized by OPCW in 2010 in Tunisia. He was the project manager for the establishment of a national response plan in

Ghana and Kenya to respond to unauthorized events involving CBRN materials. The project was finalized in September 2016. He has coordinated the development of a National Action Plan for CBRN risk mitigation in Kenya and is the alternate chairman for the Strategic Trade Control Sub Committee mandated with the development of a Strategic Trade Management Act for Kenya. He initiated the establishment of the National CBRN committee in 2013 through the then Principal Secretary, Ministry of Health which provides a platform for stakeholder interaction in CBRN risk mitigation. He also initiated the establishment of a national committee for the implementation of the chemical weapon convention in Kenya.

Mr. Ali Gakweli received a bachelor's degree in chemistry from the University of Nairobi, Kenya in 1987. Mr. Gakweli has participated in training of customs and border security together with the International center for chemical safety and security and is completing his master's in environmental Chemistry at South Eastern University College.

**Delegate Interests:** Mr. Gakweli is interested in learning more about modern approaches towards information sharing during CBRN incidents including: case studies of emergency incident involving CBRN materials; incident command and disaster coordination management; emergency response guidelines (ERG latest version); personal protective equipment and detection equipment; remediation technologies for contaminated scenes after a CBRN incident; and, setting up of an emergency information center. He would like to visit incident command management operations, operations of an information center for reporting incidents and organizing response, affected areas which have been fully restored for human habitation, and emergency response equipment manufacturers (e.g. detection and identification). He would like to see remediation technologies, emergency response information provider technologies, and quick analytical field tests. He would like assistance developing programs for competency testing, especially in detection and identification of CBRN agents and capacity building for emergency response.

**Organization Profile:** The Government Chemist Department is the Central Chemical Testing Laboratory for the Republic of Kenya with its headquarters in Nairobi and branches in Mombasa and Kisumu. It is tasked with the provision of forensic science and analytical laboratory services and national focal point for the Chemical Weapons Convention (CWC), and serves as the Secretariat for the National Chemical, Biological, Radiological and Nuclear (CBRN) Centre of Excellence (COE) initiative. It is mandated to carry out the following functions: quantitative and qualitative forensic science and analytical laboratory services; scientific crime scene support services; technical reports and certificates based on scientific findings; expert evidence in the administration of justice, public and environmental health; CBRN risk mitigation and emergency support functions; research, surveys and field tests in forensic science and Chemical matters of national importance; participation in technical committees on standards, scientific boards, curriculum development, formulation and reviews of

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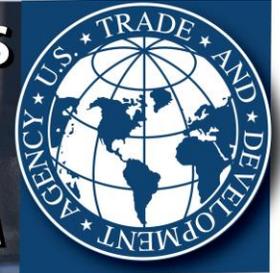
scientific policies; implementation of the Chemical Weapons Convention (CWC) as the National Focal Point; secretariat to the Chemical, Biological, Radiological and Nuclear (CBRN) initiative; and capacity building to stakeholders in scientific matters. The department handles about 15,000 stains for forensic biology cases, 5,000 narcotic based cases, 500 explosives, amongst other toxicological samples. The department spearheaded the development of a CBRN response plan and development of national action plan for CBRN risk mitigation,

The department plans to develop an emergency response information provider to assist in managing emergencies in real time. Some of the challenges facing the department include: capacity building for the technical human resource; appropriate equipment for detection and identification of chemical agents, especially the portable equipment; PPEs for responding to CBRN incidents; and inadequate funding.

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## **Kennedy Ondieki**

Director, *Border Management Secretariat (BMS)*

*Ministry of Interior and Coordination of National Government*

Mr. Kennedy Ondieki is the Director of the Border Management Secretariat under the Ministry of Interior and Coordination of National Government. He is responsible for drafting policies and programs for the management and control of designated entry and exit points, coordination of the exchange of information between the agencies responsible for the security and management of the borders at the designated entry and exit points, ensuring compliance with standards by border agencies for the effective and efficient management of operations at the designated entry and exit points; and providing oversight authority over the operations of the respective agencies

at the designated entry and exit points.

Mr. Ondieki has held various positions in the Ministry of Interior and Coordination of National Government including as an Assistant Secretary and in the field as an Administrative Officer rising from a District Officer to the level of a Senior Deputy County Commissioner deployed in several counties in Kenya. Between 2012 to 2016, he was deployed to coordinate the initial county government of Nyamira as the County Transition Coordinator.

Mr. Ondieki holds a Master's degree in strategic management and is currently pursuing a PHD in the same field.

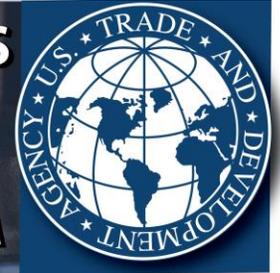
**Delegate Interests:** Mr. Ondieki is interested in effective internal/external communications, crisis communications, targeting of cargo and passenger information, and coordination of its border operations. He would like to visit organizations with experience preparing border emergency communication before, during and after occurrence of an emergency. He is interested in electronic information sharing, border surveillance, detection, and sensor technologies.

**Organization Profile:** Established in 2014, BMS acts on behalf of the BCOCC and serves to formulate policies and programs for the management and control of designated entry and exit points; coordinate the exchange of information between agencies responsible for the security and management of the borders at the designated entry and exit points; ensure compliance with standards by the respective agencies for effective and efficient management of operations at the designated entry and exit points; and, exercise oversight authority over the operations of the respective agencies at the designated entry and exit points. Currently, BMS is continuing to develop its border strategy, a pre-deployment site survey for a border security assessment, establishing a public affairs office, providing media outreach study tours, conducting a phase 2 for inter-agency information sharing-joint operation centers, targeting and advance passenger information, and is also in the process of conducting a legal review of its border statutes. Their biggest challenge is pushing information from points of entry/exit to the headquarters, having a stand-alone information systems at the various agencies, benchmarking with best practices, and its relationship with media.

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## **Francis Mwangi**

*Director, National Disaster Management Unit (NDMU), Kenya  
Ministry of Interior and Coordination of National Government*

With over 38 years of public service, Mr. Mwangi has undertaken several professional development courses in the areas of leadership and management, peace support operations (PSO), disaster risk management (DRM), law enforcement, peace and security.

Mr. Mwangi previously served as the Presidential Escort Commander in Kenya and Regional Police Commander of the Coast Region and Commanding Officer of the Reconnaissance Company. He has been part of the operations and training initiatives geared towards enhancement of peace and security in Kenya and Africa, at large. He looks forward to mentoring and building capacity of the National Disaster Management Unit, both equipment and human resource to enhance capacity of the Unit to effectively mitigate where possible, prepared, respond, reconstruct, rehabilitate and build back better in recovery. He is interested in capacity building of the NDMU and emergency management.

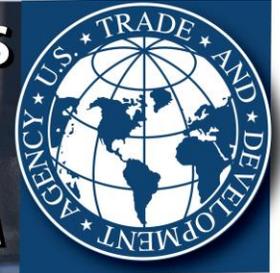
**Delegate Interest:** Mr. Mwangi is particularly interested in emergency management (emergency response and communications), capacity building in emergency management (search and rescue training and equipment), and management of hazardous incidents (training and equipment). He would like to learn more about emergency communication technologies such as mobile command vehicles, specialized communication technologies in critical incidents, simulation technology used in training/capacity building/preparedness, and satellite imagery technology. He would also like to see search and rescue operations centers (e.g. floods, structural failures, mountain, air, etc.), emergency operations centers, and integrated command and control centers.

**Organization Profile:** The National Disaster Management Unit (NDMU) was established by a Presidential Directive in 2013 as an effective and competent disaster management unit with an established command structure, budget and Standard Operating Procedures (SOPs) based on best practices. NDMU is operational with limited capacity in terms of human resource capabilities and specialized equipment. Its vision is to be the leading emergency and disaster management unit in Kenya, and its mission is to effectively prepare for and respond to disasters and emergencies, manage recovery and mitigation efforts in Kenya in collaboration with other stakeholders to save lives, minimize loss of property and to protect the environment. NDMU is charged with the following functions: overall leadership, coordination, control, monitoring, response management of the disaster effort; mobilization of resources and foster collaboration and partnership with other agencies on disaster risk management; planning and budgeting; training and capacity development of personnel; facilitating research on different aspects/trends of disaster management issues; monitoring and Evaluation of DRR, Programs and activities; and serving as a liaison with line ministries on national response efforts on private companies' equipment hiring and compensation.

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## **Philip Opiyo**

*Deputy Director, National Disaster Management Unit  
Ministry of Interior and Coordination of National Government*

Philip Opiyo is currently the Deputy Director of National Disaster Management Unit in Kenya. He has served in command and leadership positions within the Kenya National Police Service and the mainstream public service. He is trained in peace keeping operations, paramilitary, disaster risk management (DRM) junior management, senior management and strategic leadership development. He has been able to coach and mentor many officers under his command with the intention of improving their performance to achieve desired organizational goals.

Mr. Opiyo has been part of successful initiatives and efforts in Kenya and the Africa Region in leadership, planning, policy development and execution. He is interested in matters emergency management. He looks forward to mentoring and building capacity of the National Disaster Management Unit, both equipment and human resource to enhance capacity of the NDMU to effectively mitigate, prepare, respond, reconstruct, rehabilitate and build back better in recovery.

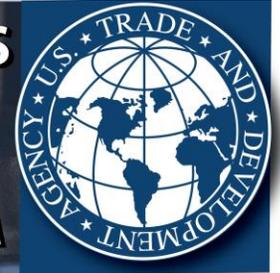
**Delegate Interest:** Mr. OPIYO is particularly interested in emergency management (emergency response and communications), capacity building in emergency management (search and rescue training and equipment), and management of hazardous incidents (training and equipment). He would like to learn more about emergency communication technologies such as mobile command vehicles, specialized communication technologies in critical incidents, simulation technology used in training/capacity building/preparedness, and satellite imagery technology. He would also like to see search and rescue operations centers (e.g. floods, structural failures, mountain, air, etc.), emergency operations centers, and integrated command and control centers.

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## **Richard Kenduiwa**

*Deputy Director, National Disaster Operations Center*

*Ministry of Interior and Coordination of National Government*

Col. (Rtd) Richard Kenduiwa is Deputy Director of the National Disaster Operations Center at the Ministry of Interior and Coordination of National Government. He oversees personnel, safety concerns, public relations, data generation and storage from daily situation report, generates situation and operational reports, coordinates responses of Rapid Assessment Team, monitors equipment serviceability status and alerts the Director as necessary and provides inventory of disaster assets in the country.

Col. Kenduiwa joined Kenya Defense Forces (KDF) in 1984 as an Officer Cadet and was commissioned as a Lieutenant in 1985. While in service, he was awarded various promotions and assigned different duties within KDF. He also participated in UN mission in Iraq-Kuwait as a Military Observer in 1986-87. He retired from active service as Colonel in 2015, and thereafter re-employed and seconded to Ministry of Interior, National Disaster Operations in 2016.

Col. Kenduiwa is a graduate of the National Defense College (Tanzania) and holds a master's degree in security and strategic studies. He also holds certificates in security, strategic and Disaster management from various institutions.

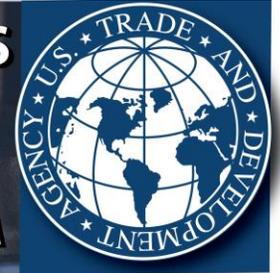
**Delegate Interests:** Col. Kenduiwa is interested in learning more about multi-agency operations in disaster risk reduction, the use of modern communications equipment to respond and mitigate disasters, telecommunications and satellite communications technologies, equipment used for collapsed buildings, dealing with hazardous materials, as well as best practices in the sector.

**Organization Profile:** The National Disaster Operations Centre (NDOC) was established on 21 January 1998 following the adverse effects of El Nino rains. The aim was to co-ordinate the national effort in reducing the impact of the rains and widespread infrastructural and environmental destruction. The NDOC is a public service institution that is very critical in ensuring effective Disaster Risk Management in the country. The Mission of the NDOC is “to monitor, co-ordinate, mobilize resources and respond to disaster incidents in the country, and to engage in Disaster Risk Reduction (DRR)”. Currently the NDOC is collaborating and networking with other relevant disaster stakeholders for provision of relief food, WASH and cash transfer to drought stricken counties.

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## **Francis Tiira**

*Principal Officer, Border Management Secretariat (BMS)*

*Ministry of Interior and Coordination of National Government*

Mr. Francis Tiira joined Border Management Secretariat in June 2015 and is the Principal Officer for the Border Management Secretariat. His current responsibilities include: drafting policies and programs for the management and control of designated entry and exit points for approval by Border Control and Operations Coordination Committee (BCOCC), information coordination between the agencies responsible for border security and management, ensuring compliance with standards by border agencies for the effective and efficient management of operations at the designated points of entry and exit, and oversight authority over the operations of the respective

agencies at the designated points of entry and exit.

Mr. Tiira has contributed to the development of the Secretariat, including establishing and training a 35-person Border Management Committee. Under the Security Governance Initiative, he participated in legal consultation workshops which led to clarification of the legal authorities governing border management in Kenya. He also headed the team which developed Kenya's border security and management strategy, concept of operation and operational development plans. He has held various positions in the Department of Immigration. From 2003 to 2006, he was the Deputy Officer in charge at the Kenya-Somali border and then the Kenya-Ethiopia border at Moyale until 2010. He briefly acted as Passport Control Officer at the immigration headquarters before assuming the position of duty officer at Jomo Kenyatta International Airport.

Mr. Tiira holds a master's degree in sociology and has extensive training in border control and management (e.g. border control management), DHS security planner's course, international strategic and operational planning, security training (police training), public affairs strategy development, airport interdiction, documents examination, international protection of migrants, leadership, border strategy development, and transnational organized crime.

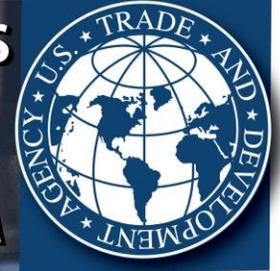
**Delegate Interests:** Mr. Tiira is interested in effective internal/external communications, crisis communications, targeting of cargo and passenger information, and coordination of border operations. He would like to visit organizations with experience preparing border emergency communications before, during and after occurrence of an emergency. He is interested in electronic information sharing, border surveillance, detection, and sensor technologies.

**Organization Profile:** Established in 2014, BMS acts on behalf of the BCOCC and serves to formulate policies and programs for the management and control of designated entry and exit points; coordinate the exchange of information between agencies responsible for the security and management of the borders at the designated entry and exit points; ensure compliance with standards by the respective agencies for effective and efficient management of operations at the designated entry and exit points; and, exercise oversight authority over the operations of the respective agencies at the designated entry and exit points. Currently, BMS is continuing to develop its border strategy, a pre-deployment site survey for a border security assessment, establishing a public affairs office, providing media outreach study tours, conducting a phase 2 for inter-agency information sharing-joint operation centers, targeting and advance passenger information, and is also in the process of conducting a legal review of its border statutes. Their biggest challenge is pushing information from points of entry/exit to the headquarters, having a stand-alone information systems at the various agencies, benchmarking with best practices, and its relationship with media.

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## **Wycliffe Matini**

*Risk and Crisis Communication Focal Person  
Disease Surveillance & Epidemic Response Unit  
Ministry of Health*

Mr. Wycliffe Matini is the Risk and Crisis Communications Focal Person for the Disease Surveillance and Epidemic Response Unit (DSRU) at the Ministry of Health.

Mr. Matini's core responsibilities for the last nine years include: coordinating of Risk and Crisis Communication (RCC) for surveillance and disease outbreaks; planning interventions for risk and crisis communications, such as developing annual work plan for priority diseases; development of policies and guidelines for surveillance and response communication for regional and national use; designing public Information, education and communication messages for diseases and events under surveillance like polio, cholera, and Ebola. He also conducts capacity building activities including training on integrated disease surveillance and response, and risk and crisis communication for national and sub national officers. As part of his role, he participates in disease surveillance and outbreak investigation activities and performs project budgeting for emergency communication activities in the health sector, media advocacy and engagement, community partnerships and strengthening inter-sectoral partnerships. Mr. Matini is the team lead in Emergency Operation Center where he is tasked to responding to public phone calls.

Some of Mr. Matini's accomplishments includes: coordinating multiset oral risk and crisis communication team; providing technical leadership to national and international public health events; and, participating in public health awareness campaigns with timely dissemination of information, education and communication materials to the public. He recently served a team member developing an East African Countries (EAC) Regional Risk and Crisis Communication strategy and five (5) standard operating procedures to be adapted in EAC countries, including Kenya.

Mr. Matini holds a bachelor's degree in health systems management and is currently undertaking master's degree in public health. He has also studied risk and crisis communication training, emergency communication network training, information, education and communication in health sector course.

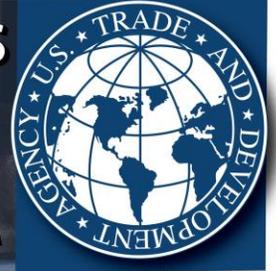
**Delegate Interest:** Mr. Matini would like to learn more about managing mass casualties, dealing with emergency risk communication in non-disease environment, coordinating risk communication in public health emergency operation centers, software and applications available for emergency response activities, coordinating telephone operations for emergencies, coordinating and working with stakeholders including the media, establishing and using various communication channels during emergency risk communication, developing, monitoring and evaluation of risk communication indicators including rumor management, and the process of conducting vulnerability risk assessment and mitigation (VRAM). Specifically, he would like to meet with an ambulance, software, application, and GIS mapping companies, communications/telephone and media regulator, and companies dealing with emergency response and risk communication.'

**Organization Profile:** DSRU is within the Department of Preventive and Promotive Health Services under the Ministry of Health. The unit's mandate is implementing integrated disease surveillance and response which is a strategy within WHO-AFRO region. DSRU collects data using specific reporting tools through DHIS 2 platform. Data is analyzed on weekly basis and feedback provided using weekly bulleting to partners and providers of data. The data usual captures for diseases in the priority list and guides public health intervention and other control measures. They also have an emergency operation center web based platform for reporting disease outbreaks and events of public health importance.

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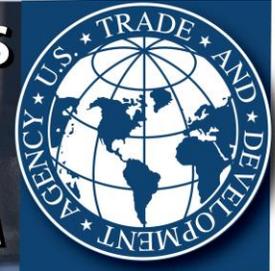
The strategy provides direction for 102 diseases that are of public health importance in Kenya. DSRU does not have surveillance for 36 priority diseases such as vaccine preventable diseases, viral hemorrhagic fevers, SARI, Cholera, among others. DSRU is divided into 5 sections namely: vaccine preventable, integrated disease surveillance, influenza, emergency preparedness and response/emergency operation center, monitoring and evaluation and administration. Further, the unit does emergency preparedness and response development plans and responds to disease outbreak and other public health events of importance and offers technical support to counties (sub national levels).

DSRU's key challenge is inadequate resources to implement timely risk communication activities during emergencies. They lack a server for hosting the unit's activities. Though we have emergency operation center, it is not fully functional and they need to learn best practices to coordinate risk communication during an emergency.

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## Venant Ndighila

Emergency Preparedness and Response Manager  
Kenya Red Cross Society

Maj. Venant Ndighila is the Emergency Preparedness and Response Manager for the Kenya Red Cross Society (KRCS). He advises Senior Management on the Country Disaster's profile, informs on preparedness, technical support, communication and data transfer on all matters of security including critical incident management. He also manages the KRCS Emergency Operations System, the KRCS communications network, reviews and implements KRCS disaster response training curriculum, Field Operations Security regulations, designs procedures for Emergency Evacuation plans for staff on field missions, and provides leadership of national disaster response operations. He also serves as a liaison with national and

international security agencies.

Some of Maj. Ndighila professional achievements include: review and redesign of KRCS field emergency communication network for disaster response operations in 2013; development of Kenya Red Cross Mass Casualty Incident Management Protocol; development of annual national level multi hazard contingency plan; development of organizational security regulations for ordinary and high risk environment; design and development of Kenya Red Cross Safety and Security Handbook for field use; and, integrating satellite technology in KRCS Disaster Risk Reduction activities. He is a retired military officer of the rank of Major having served for over 18 years in Kenya Air Force where he specialized as an Air Weapons Controller.

Maj. Ndighila received a bachelor's degree in disaster management from Kenyatta University in Nairobi Kenya and has undergone training in disaster management, command and leadership, criminal investigation, air weapons control, administration, peacekeeping operations, humanitarian security, training of trainers, logistics, operations planning and disaster incident management.

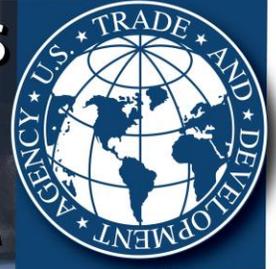
**Delegate Interest:** Maj. (Ret.) Ndighila is interested in the use of satellite technology for emergency communications, remote piloted aircraft systems for data transfer, and transfer of GIS information during emergencies. He would like to visit organizations who deploy communication (voice and data) systems during emergencies and interoperable multiagency communication during emergencies. More specifically, he would like to visit with satellite companies, RPAS companies. He is interested in available and new communication systems, the satellite based systems, remote piloted aircraft systems (RPAS), and VHF HF radio systems.

**Organization Profile:** The Kenya Red Cross Society (KRCS) was established on 21 December 1965 through the Kenya Red Cross Society Act. (Chapter 256 Laws of Kenya). Its Constitution is based on the Geneva Conventions of 1949 and their Additional Protocols of 1977 to which Kenya is a signatory. As auxiliary to the national and county governments, the KRCS works with their communities, volunteers and partners to ensure they are prepared for and respond to humanitarian and development needs. The KRCS Department of Emergency Preparedness is responsible for providing leadership for preparedness planning and implementation of disaster management activities within Kenya and East Africa region. The department has various sections including Planning, Emergency Operations, Cash Transfer Programming, Refugee Operations, Restoration of Family Links and Emergency Operations Centre(EOC). Ongoing activities towards improving Emergency Communications are integrating satellite technology in KRCS Disaster Management activities, improving and Strengthening Communication capacity of the national Emergency Operations Center, integrating Remote Piloted Aircraft

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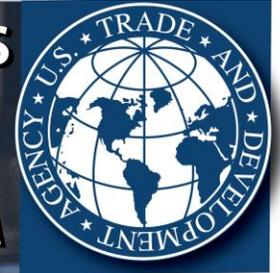


Systems in KRCS operations; and, strengthening and widening HF/VHF radio communications for field operations. Some of the challenges they are experiencing includes ineffective long range communication capacity, real-time image or data transfer from field operations, and interoperable communications capability during multiagency operations.

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## **David Masai**

*Nursing Officer, National Disaster Management Unit  
Ministry of Interior and Coordination of National Government*

Mr. David Masai is a Nursing Officer and Health System Manager at the National Disaster Management Unit. He is responsible for: capacity building in tactical combat medical casualty care to police, institutions of higher learning and secondary schools; developing and organizing mass casualty and trauma system, developing and testing hospital disaster preparedness plans for county and national hospitals; developing policy on universal health care coverage within the National Police Service; conducting drills and exercises on mass casualty evacuation to both private and public hospitals; and, effective response to mass casualty incidences.

Mr. Masai was part of the team who rescued a six-month-old baby trapped in rambles for four days after an eight-story building in Huruma Nairobi collapsed. He was among the team of medics who responded to the terror attack at 14 river site hotel in Nairobi and assisted casualties who were bleeding by applying the tourniquet to stop bleeding and advising those who were trapped inside the building and they were bleeding to apply the tourniquet by using WhatsApp to send procedures of how to stop bleeding and we saved many lives that could have been lost by bleeding. He has attended local and international training programs including trauma and mass casualty response development from Rambam Trauma Center in Israel, Train the trainers in CBRN from Netherlands, comprehensive disaster management from India, leadership in crisis management from Gaborone Botswana (ILEA), chemical operational training in Uganda by OPCW, and CBRN casualty treatment by Defense Threat Reduction Agency.

Mr. Masai holds a Bachelor of Science in Health Systems Management from the Kenya Methodist University and a Diploma in Nursing from the Kenya Medical Training College (KMTC).

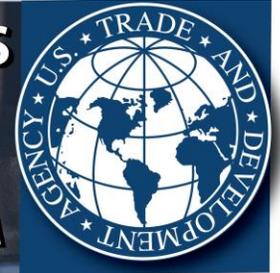
**Delegate Interests:** Mr. Masai is interested in learning more about emergency response, emergency communications, capacity building (search and rescue training and equipment), and management of hazardous incidents (training and equipment). He would like to visit operations with search and rescue (e.g. floods, structural failures, mountain, air), emergency operations centers, and emergency communications, integrated command and control centers. He would like to learn more about the following technologies, mobile command vehicles, specialized communication technologies in critical incidents, simulation technology used in training/capacity building/preparedness, and satellite imagery.

**Organization Profile:** The National Disaster Management Unit (NDMU) was established by a Presidential Directive in 2013 as an effective and competent disaster management unit with an established command structure, budget and Standard Operating Procedures (SOPs) based on best practices. NDMU is operational with limited capacity in terms of human resource capabilities and specialized equipment. Its vision is to be the leading emergency and disaster management unit in Kenya, and its mission is to effectively prepare for and respond to disasters and emergencies, manage recovery and mitigation efforts in Kenya in collaboration with other stakeholders to save lives, minimize loss of property and to protect the environment. NDMU is charged with the following functions: overall leadership, coordination, control, monitoring, response management of the disaster effort; mobilization of resources and foster collaboration and partnership with other agencies on disaster risk management; planning and budgeting; training and capacity development of personnel; facilitating research on different aspects/trends of disaster management issues; monitoring and Evaluation of DRR, Programs and activities; and serving as a liaison with line ministries on national response efforts on private companies' equipment hiring and compensation.

# KENYA EMERGENCY COMMUNICATIONS SYSTEMS REVERSE TRADE MISSION

MAY 13-22, 2019

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## **Amos Anyieni**

*Program Specialist & ICT Officer, National Disaster Management Unit  
Ministry of Interior and Coordination of National Government*

Mr. Amos Anyieni has served as a Program Specialist and ICT Officer at the National Disaster Management Unit (NDMU) in Kenya for the past five years. He previously served as an instructor at the Paramilitary General Service Unit (GSU) Training School in Kenya. He has undertaken professional development courses in the areas of peace support operations, disaster risk management, emergency management, computer aided management of emergency operations, EOD, CBRN, law enforcement, peace and security, among others. He was part of successful initiatives and efforts in Kenya and the East African community region in planning, policy development and execution of programs. He is interested in the use of ICT for effective and efficient emergency management.

Mr. Anyieni holds a B.S. in information technology from Jomo Kenyatta University of Agriculture and Technology in Kenya.

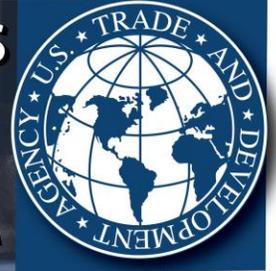
**Delegate Interest:** Mr. Anyieni is particularly interested in emergency management (emergency response and communications), capacity building in emergency management (search and rescue training and equipment), and management of hazardous incidents (training and equipment). He would like to learn more about emergency communication technologies such as mobile command vehicles, specialized communication technologies in critical incidents, simulation technology used in training/capacity building/preparedness, and satellite imagery technology. He would also like to see search and rescue operations centers (e.g. floods, structural failures, mountain, air, etc.), emergency operations centers, and integrated command and control centers.

**Organization Profile:** The National Disaster Management Unit (NDMU) was established by a Presidential Directive in 2013 as an effective and competent disaster management unit with an established command structure, budget and Standard Operating Procedures (SOPs) based on best practices. NDMU is operational with limited capacity in terms of human resource capabilities and specialized equipment. Its vision is to be the leading emergency and disaster management unit in Kenya, and its mission is to effectively prepare for and respond to disasters and emergencies, manage recovery and mitigation efforts in Kenya in collaboration with other stakeholders to save lives, minimize loss of property and to protect the environment. NDMU is charged with the following functions: overall leadership, coordination, control, monitoring, response management of the disaster effort; mobilization of resources and foster collaboration and partnership with other agencies on disaster risk management; planning and budgeting; training and capacity development of personnel; facilitating research on different aspects/trends of disaster management issues; monitoring and Evaluation of DRR, Programs and activities; and serving as a liaison with line ministries on national response efforts on private companies' equipment hiring and compensation.

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## Accompanying the Delegation from Kenya



### **Janet Mwangi**

*U.S. Foreign Commercial Specialist, U.S. Embassy in Nairobi*

Ms. Janet Mwangi serves as a Commercial Specialist at the U.S. Foreign Commercial Service (FCS), based at the U.S. Embassy in Nairobi. She handles the defense, healthcare, and safety & security sectors among others. She is an active member of the global healthcare and security industry teams and team lead for the Sub-Saharan Africa ICT team.

Prior to joining the Commercial Service, Ms. Mwangi worked in the private sector where she held managerial roles in leading telecommunication companies tasked with product innovation and new business development. She has a passion for creating strong commercial linkages between American and Kenyan companies and recently received an Eagle Award for her commercial advocacy efforts that led to the signing of business contracts valued at \$100 million at a ceremony witnessed by Gill Kaplan, Under Secretary for the U.S. Department of Commerce.

Ms. Mwangi is currently pursuing a professional course in Fintech Law from the Duke University and holds a bachelor's degree in social sciences from the University of Nairobi and a MBA from the Jomo Kenyatta University of Agriculture and Technology (JKUAT).