

## Republic of South Sudan (RoSS)

### ETC Situation Report #83

Reporting period 29/09/15 to 26/10/15

ETC RoSS Sitreps are distributed monthly. The next report will be issued on or around 30/11/15.

### Highlights

- In Ganyiel (Unity state), a one-week ETC mission was successfully concluded and the full functionality of the internet services restored.
- A [User Feedback Survey](#) is being shared online with all ETC partners. The outcome of the survey will allow the ETC to strategically prioritize deployments and respond more efficiently.



*The ETC internet services in Ganyiel powered by renewable solar energy to support the response community.  
Photo: John Mawa/ETC*

### Achievements

- With technologies from emergency.lu, Ericsson Response and WFP, the ETC is currently operating 6x Internet connectivity sites in Bentiu, Nyal and Ganyiel located in Unity state; Old Fangak and Akobo located in Jonglei state; and Mingkaman located in Lakes state.
- For the provision of security telecommunications services, the ETC supports 22x repeater sites and 15x Communications Centres, including the 10 state capitals.
- In Ganyiel, all humanitarians responding in this area were provided with ICT Helpdesk support.
  - The ETC collaborated with organisations on the ground to re-establish a reliable user authentication system and greater conduct so that the team can manage and distribute internet connectivity.
  - The ETC has assessed the need for radio communications in this key humanitarian site. A mission will be planned accordingly.
  - The presence of an ETC solar system in Ganyiel provides the response community with a reliable source of power, improving the efficiency of the overall operational needs.
- In Bentiu (Unity state), to align with UN standards, the construction of a 30-metre radio tower was completed. This will allow the installation of radio repeaters which will considerably enhance radio coverage for all humanitarians in this area.
- The ETC continues to provide radio programming services to humanitarian partners in South Sudan. During the reporting period, 154x radios were programmed for UN and NGO partners.

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## Planned Activities

- In Nyal, a mission to deploy a solar system to power the ETC Internet services is planned for this week.
  - The ETC has identified the shift to renewable solar power in all its sites as the most suitable solution to support the humanitarian community responding to the ongoing crisis in South Sudan.
- In Old Fangak (Jonglei State), an ETC mission to deploy a solar charging station and increase the overall power capacity is being planned for November. The station will allow humanitarians currently suffering from power constraints to safely charge their lifesaving devices. In July, reliable Internet connectivity, powered by renewable energy, was established for all NGOs responding in this area.
- The ETC is hosting two Let's Comm Digital training sessions on MotoTRBO Digital VHF radio infrastructure deployment. The training will be facilitated by WFP FITTEST and the two sessions will take place in Juba from 16 to 20 and from 23 to 27 November 2015. For each session a maximum of 12 participants from UN agencies, NGOs and the Government will be invited. Expressions of interest may be sent to [SouthSudan.ETC@wfp.org](mailto:SouthSudan.ETC@wfp.org).



The Humanitarian Internet Support Project (HISP) is a reliable and long-term solution to meet the internet connectivity needs of humanitarian actors in remote and hard to reach locations. The ETC is supporting the response community with development and implementation of this inter-agency project.

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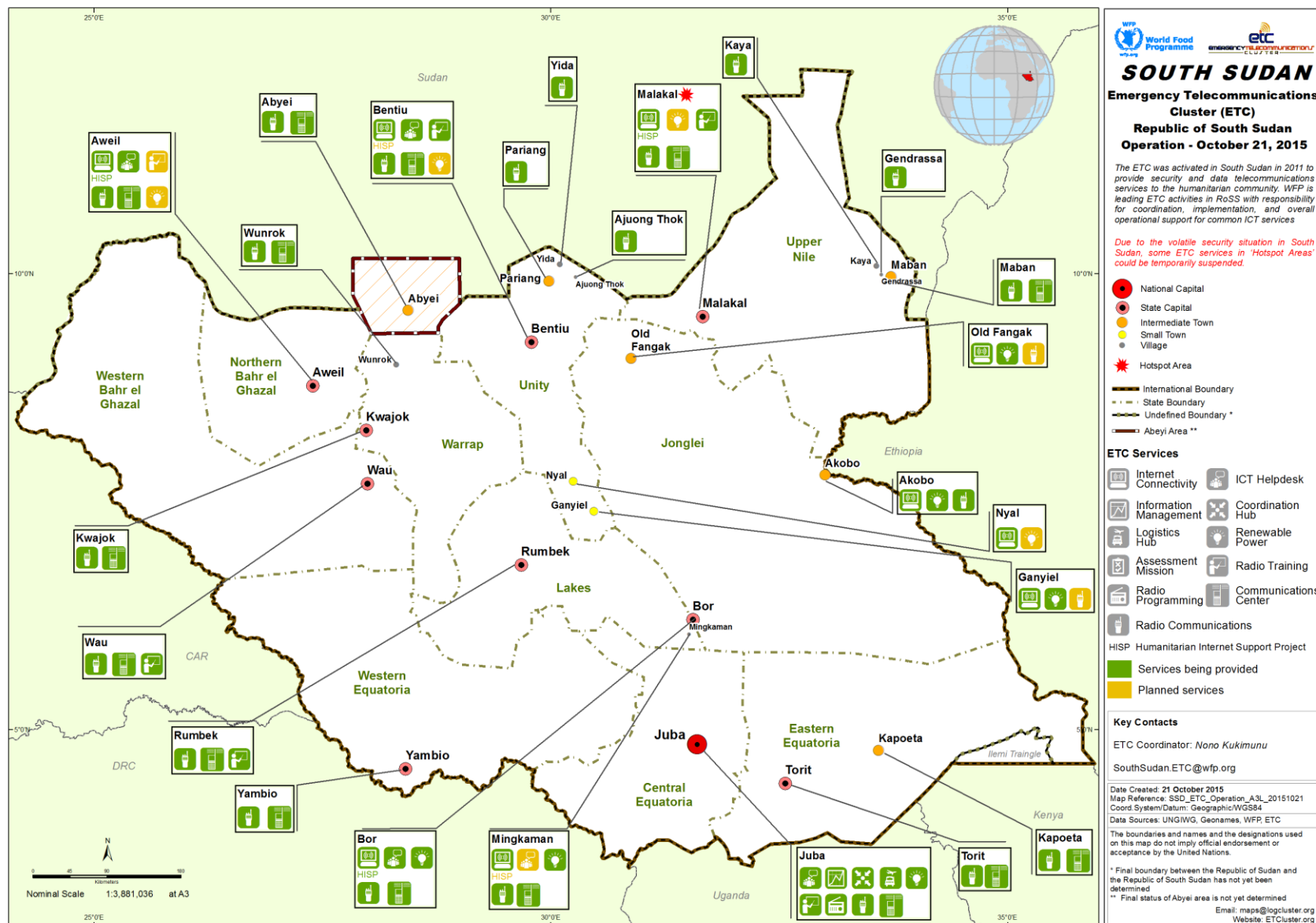
## Connected Sites

- As a phase-out strategy, the ETC is focusing on the implementation of the Humanitarian Internet Support Project (HISP), a reliable and effective solution based on a cost-sharing mechanism to meet the Internet connectivity needs of humanitarian actors in remote and hard-to-reach locations.
- The implementation of Humanitarian Internet Support Project (HISP) services has been fully completed in three sites: Aweil (Northern Bahr el Ghazal State), Malakal (Upper Nile State) and Bor (Jonglei State).

## Planned Sites

- The next HISP sites will be Bentiu, followed by Mingkaman (Lakes state).
- The next HISP sites, Mingkaman and Bentiu, will be fully operational by the end of November.
  - HISP engineers are currently in Mingkaman for full system implementation. All humanitarians are being consulted and their specific needs addressed.
  - In Bentiu, in coordination with the Logistics Cluster, the 30metre HISP tower has been successfully in the new humanitarian operating hub.

## ETC Operation Map in South Sudan



## ETC Services in South Sudan

CITY	STATE	LOCATION	PROVIDED BY	SERVICES	REPEATER CHANNELS
<b>Abyei</b>	Abyei	WFP	WFP	<ul style="list-style-type: none"> <li>Radio communications</li> <li>Communications Centre (24/7)</li> </ul>	3, 8, 14
<b>Ajuong Thok</b>	Unity	UNHCR	UNHCR	<ul style="list-style-type: none"> <li>Radio communications</li> </ul>	3
<b>Akobo</b>	Jonglei	SCI	ETC	<ul style="list-style-type: none"> <li>Internet connectivity</li> <li>Radio communications</li> </ul>	9, 15
<b>Aweil</b>	Northern Bahr el Ghazal	WFP	WFP HISP	<ul style="list-style-type: none"> <li>Internet connectivity</li> <li>Radio communications</li> <li>Communications Centre (24/7)</li> <li>ICT Helpdesk</li> </ul>	3, 11, 13
<b>Bentiu (Rubkona)</b>	Unity	WFP	ETC emergency.lu Ericsson Response	<ul style="list-style-type: none"> <li>Internet connectivity</li> <li>Radio communications</li> <li>Communications Centre (24/7)</li> <li>Radio training</li> <li>ICT Helpdesk</li> </ul>	7, 9
<b>Bor</b>	Jonglei	UNMISS	ETC HISP	<ul style="list-style-type: none"> <li>Internet connectivity</li> <li>Renewable Power</li> <li>Radio communications</li> <li>Communications Centre (24/7)</li> <li>ICT Helpdesk</li> </ul>	3, 10, 15
<b>Ganyiel</b>	Unity	IRC	ETC	<ul style="list-style-type: none"> <li>Internet connectivity</li> <li>Renewable Power</li> </ul>	N/A
<b>Gendrassa</b>	Upper Nile	UNHCR	UNHCR	<ul style="list-style-type: none"> <li>Radio communications</li> </ul>	14
<b>Juba</b>	Central Equatoria	WFP	ETC WFP	<ul style="list-style-type: none"> <li>Coordination &amp; Logistics Hub</li> <li>Information Management</li> <li>Radio communications</li> <li>Communications Centre (24/7)</li> <li>Renewable Power</li> <li>ICT Helpdesk</li> <li>Radio Training</li> <li>Radio Programming</li> </ul>	1, 2, 3, 6, 7, 8, 9, 11, 12, 13, 14, 15
<b>Kapoeta</b>	Eastern Equatoria	WFP	WFP	<ul style="list-style-type: none"> <li>Radio communications</li> <li>Communications Centre</li> </ul>	10, 13
<b>Kaya</b>	Upper Nile	UNHCR	UNHCR WFP	<ul style="list-style-type: none"> <li>Radio communications</li> </ul>	13
<b>Kwajok</b>	Warrap	UNHCR	UNHCR	<ul style="list-style-type: none"> <li>Radio communications</li> <li>Communications Centre (24/7)</li> </ul>	3, 14

<b>Maban</b>	Upper Nile	UNHCR	UNHCR WFP	<ul style="list-style-type: none"> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> </ul>	3, 9, 10
<b>Malakal</b>	Upper Nile	WFP	ETC HISP	<ul style="list-style-type: none"> <li>• Internet connectivity</li> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> <li>• Radio Training</li> </ul>	3, 6, 7, 9
<b>Mingkaman</b>	Lakes	ACTED	ETC emergency.lu Ericsson Response	<ul style="list-style-type: none"> <li>• Internet connectivity</li> <li>• Renewable Power</li> <li>• Radio communications</li> <li>• Communications Centre</li> </ul>	9
<b>Nyal</b>	Unity	IRC	ETC	<ul style="list-style-type: none"> <li>• Internet connectivity</li> <li>• Renewable Power</li> </ul>	N/A
<b>Old Fangak</b>	Jonglei	Women's League	ETC	<ul style="list-style-type: none"> <li>• Internet connectivity</li> <li>• Renewable Power</li> </ul>	N/A
<b>Pariang</b>	Unity	UNHCR	UNHCR	<ul style="list-style-type: none"> <li>• Radio communications</li> </ul>	11
<b>Rumbek</b>	Lakes	WFP	WFP	<ul style="list-style-type: none"> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> <li>• Radio Training</li> </ul>	3, 4, 10, 11, 15
<b>Torit</b>	Eastern Equatoria	UNMISS	WFP	<ul style="list-style-type: none"> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> </ul>	10, 12
<b>Wau</b>	Western Bahr El Ghazal	WFP	WFP	<ul style="list-style-type: none"> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> <li>• Radio Training</li> </ul>	3, 6, 11, 15
<b>Wunrok</b>	Warrap	WFP	WFP	<ul style="list-style-type: none"> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> </ul>	8, 15
<b>Yambio</b>	Western Equatoria	UNICEF	UNICEF WFP	<ul style="list-style-type: none"> <li>• Radio communications</li> <li>• Communications Centre (24/7)</li> </ul>	3, 6, 7, 9
<b>Yida</b>	Unity	UNHCR	UNHCR	<ul style="list-style-type: none"> <li>• Radio communications</li> </ul>	3, 13



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## Cluster Responsibilities

- WFP is leading the ETC activities in South Sudan with responsibility for coordination, implementation and overall operational support for common ICT services.

## ETC Meetings

- Local ETC meetings are held monthly. The next meeting will be held on **Thursday 12 November**.
- Global ETC teleconferences are held monthly. The next teleconference will be held on **Wednesday 18 November**.

## Useful Links

- [ETC South Sudan Factsheet](#)
- [ETC South Sudan Service Map](#)
- [ETC services usage policy](#)

## Acronyms

ETC	Emergency Telecommunications Cluster
HISP	Humanitarian Internet Support Project
ICT	Information and Communications Technology
NGO	Non-Governmental Organization
UN	United Nations
VHF	Very High Frequency

All information related to ETC operations can be found on the ICT Emergency website: [www.ETCluster.org](http://www.ETCluster.org)

For more information, or to be added or deleted from the mailing list, please contact: [SouthSudan.ETC@wfp.org](mailto:SouthSudan.ETC@wfp.org)  
[SouthSudan.HISP@wfp.org](mailto:SouthSudan.HISP@wfp.org)

### Background on the crisis:

In December 2013, fighting between different elements of the South Sudan armed forces broke out in the capital Juba and subsequently spread to the interior of the country, especially Jonglei State, Unity State and Upper Nile State. On-going clashes between pro-government and anti-government forces continue to undermine the security situation and have had dire humanitarian consequences.

Since the onset of violence over 1.64 million people have been displaced within South Sudan while 622,400 have fled to neighbouring countries.

The [Emergency Telecommunications Cluster](#) (ETC) has been activated in South Sudan since 2011, providing security and data telecommunications and coordination services to the humanitarian community. Following the beginning of the humanitarian crisis in December, the ETC scaled up its activities and expanded to new locations in the interior of South Sudan, supporting humanitarian organizations involved in the crisis response through the provision of vital telecommunication services.

Sources: OCHA South Sudan Crisis Situation Report, Emergency Telecommunications Cluster (ETC)