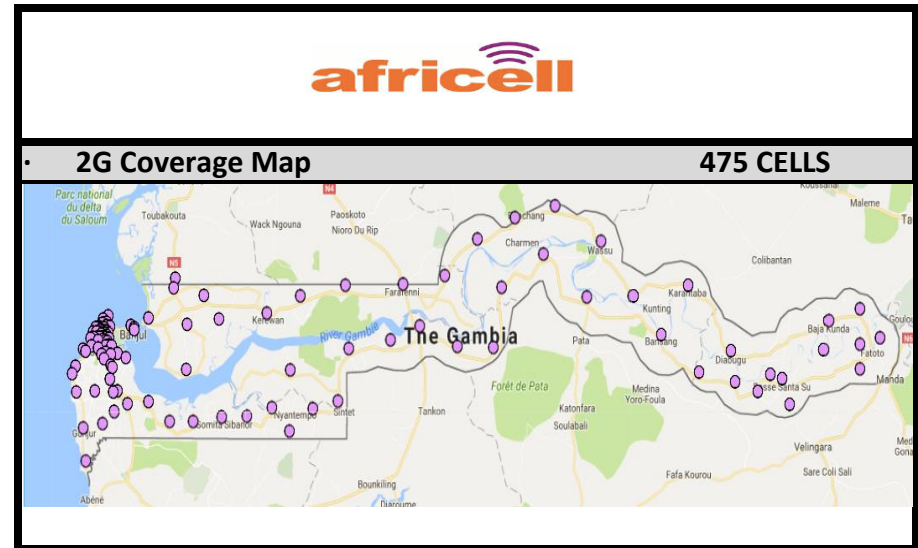
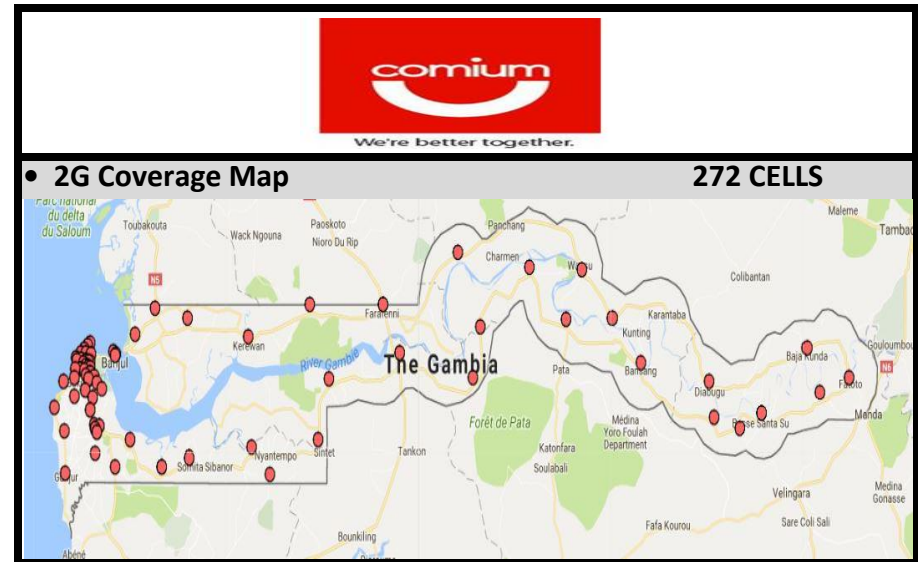


# July 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

<b>africell</b>				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	96.93%	96.26%	0.69%	98.52%
CRR	96.18%	95.22%	0.99%	98.44%
LRR	93.83%	92.97%	0.91%	96.81%
NBR	94.24%	93.25%	1.05%	97.81%
URR	94.69%	93.38%	1.38%	98.29%
WCR	94.55%	93.55%	1.06%	97.53%




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	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	96.28%	94.47%	1.87%	96.10%
CRR	94.90%	92.73%	2.28%	96.59%
LRR	96.15%	93.36%	2.90%	97.79%
NBR	94.01%	90.83%	3.39%	96.29%
URR	94.91%	92.77%	2.26%	98.38%
WCR	90.44%	87.35%	3.38%	92.89%

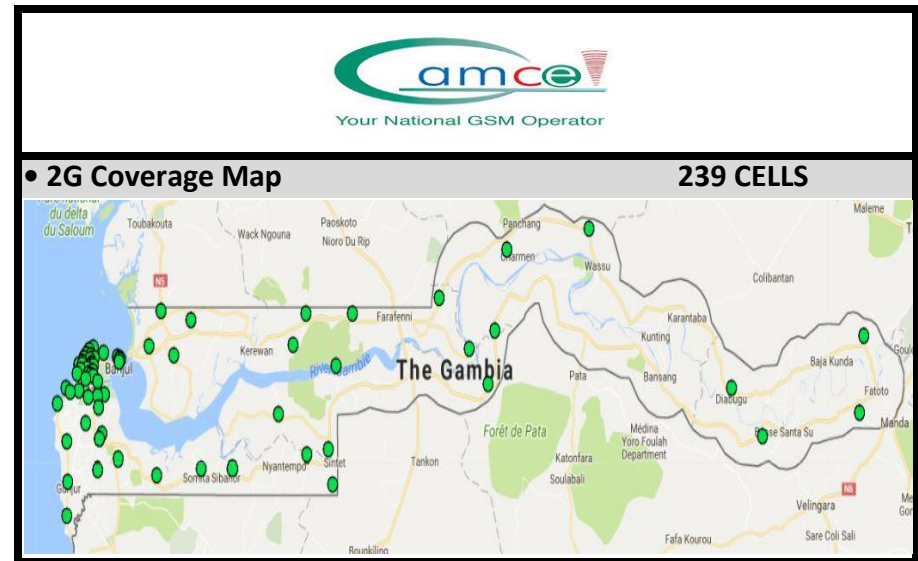



\*\*\*The Figures Marked in **Red** are below the QoS requirement

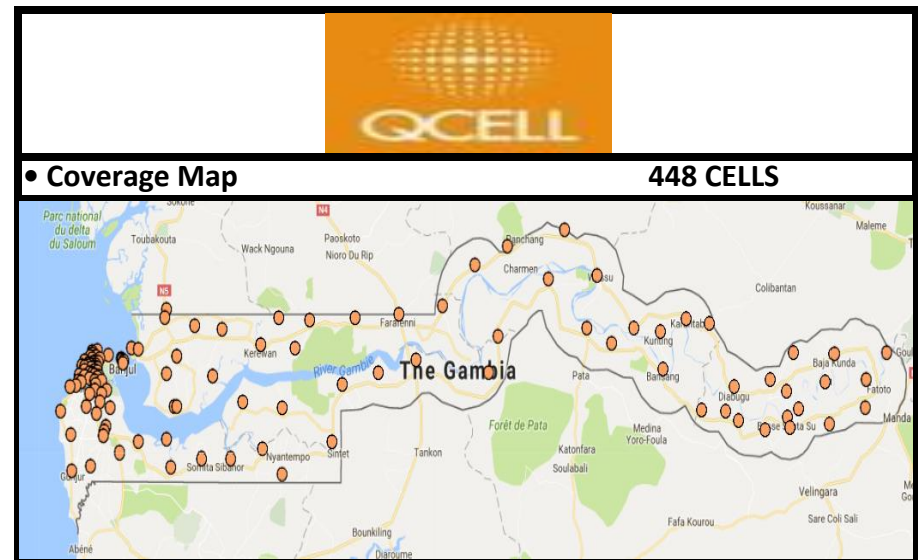
\*\*\*The Figures marked in **Green** are above or equal to the QoS requirement

# July 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

 Your National GSM Operator				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	97.35%	96.92%	0.44%	98.48%
CRR	96.02%	91.01%	5.21%	85.89%
LRR	93.53%	89.22%	4.60%	93.67%
NBR	89.94%	86.68%	3.61%	69.61%
URR	92.23%	89.28%	3.27%	94.89%
WCR	91.09%	87.98%	3.44%	82.25%



				
	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success Rate @ BH
GBA	96.58%	95.78%	0.82%	92.75%
CRR	94.30%	93.21%	1.15%	96.20%
LRR	93.68%	91.80%	2.04%	93.24%
NBR	85.21%	84.35%	1.02%	93.83%
URR	82.73%	82.05%	0.81%	89.94%
WCR	90.11%	88.79%	1.47%	91.80%



\*\*\*The Figures Marked in **Red** are below the QoS requirement

\*\*\*The Figures marked in **Green** are above or equal to the QoS requirement

# July 2017 2G Mobile Operators' 2G Quality of Service (QoS) Performance Report

## Performance Indicators Definition

- ❖ Call Setup Success Rate (CSSR)– This indicator is used to measure the percentage of calls successfully established without facing blockage in the network as a ratio of the total number of call attempts made to access and establish a voice call. **(To check network accessibility)**
- ❖ Call Drop Rate (CDR) – This indicator is used to measure the percentage of calls dropped due to technical problems or coverage gaps in the service provider’s network as a ratio of the total number of calls successfully established. **(To check network retain-ability)**
- ❖ Call Success Rate (CSR) – This indicator is used to measure the percentage of calls successfully established without facing blockage in the network as a ratio of the total number of call attempts made to access and establish a voice call and then successfully terminated from the user-end without being dropped or disconnected from the network side due to a technical irregularity. **(To check service integrity)**
- ❖ Hand over Success Rate this indicator is used to measure call moving between cells to continue conversation and prevent drop call on the Network. **( To Check Mobility)**

\*\*\*The Figures Marked in **Red** are below the QoS requirement

\*\*\*The Figures marked in **Green** are above or equal to the QoS requirement