

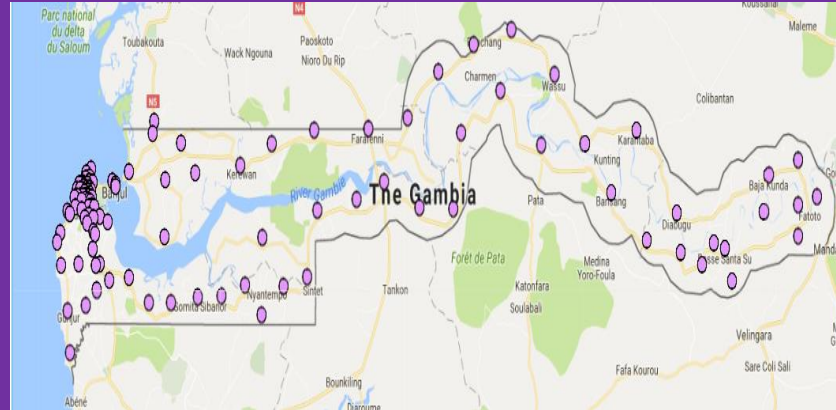
April 2017 Mobile Operators' 2G Quality of Service (QoS) Performance Report



	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success @ BH
GBA	96.24%	95.67%	0.59%	98.77%
CRR	95.33%	94.29%	1.08%	97.42%
LRR	93.79%	92.78%	1.07%	95.47%
NBR	91.29%	90.05%	1.35%	94.95%
URR	95.65%	94.34%	1.36%	97.82%
WCR	92.70%	91.54%	1.26%	96.29%

AFRICELL 2G Coverage Map

• AFRICELL 2G – 466 Cells



We're better together.

	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success @ BH
GBA	95.74%	94.15%	1.66%	96.71%
CRR	95.02%	92.70%	2.44%	95.23%
LRR	95.47%	92.17%	3.47%	94.16%
NBR	91.05%	87.78%	3.61%	91.77%
URR	96.50%	94.42%	2.17%	98.38%
WCR	87.94%	84.49%	3.90%	89.78%

COMIUM 2G Coverage Map

• COMIUM 2G – 265 CELLS



***The Figures Marked in **Red** are below the QoS requirement
 ***The Figures marked in **Green** are above the QoS requirement

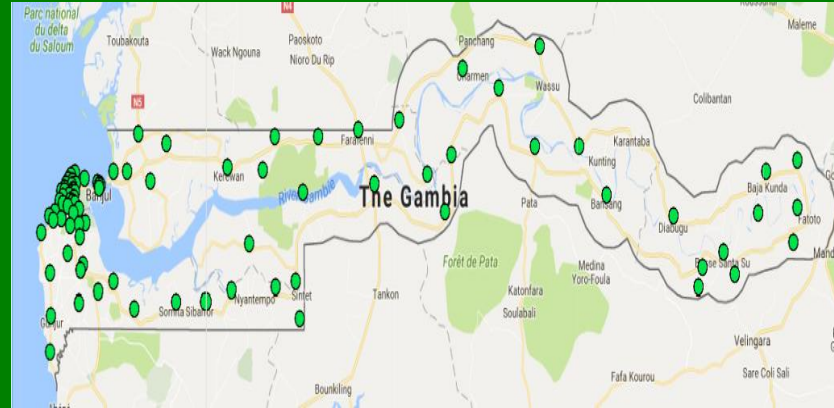
April 2017 Mobile Operators' 2G Quality of Service (QoS) Performance Report



	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success @ BH
GBA	97.08%	96.70%	0.39%	98.89%
CRR	95.86%	92.96%	3.03%	86.92%
LRR	96.33%	92.74%	3.73%	77.03%
NBR	81.59%	78.11%	4.42%	65.11%
URR	92.71%	89.38%	3.64%	84.17%
WCR	92.19%	89.17%	3.30%	85.91%

CAMCEL 2G Coverage Map

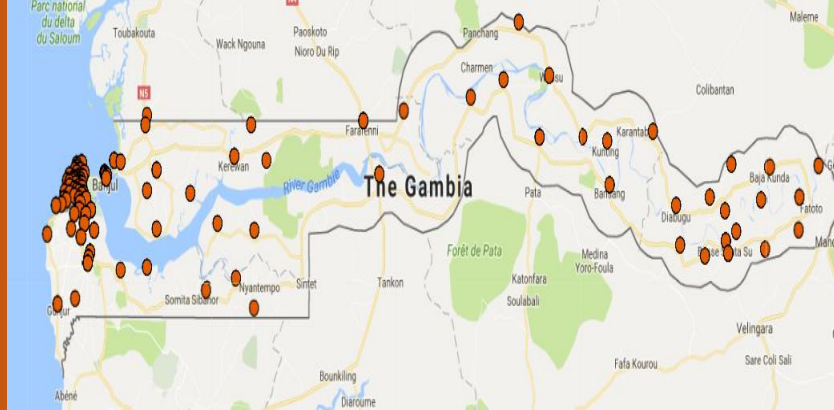
• GAMCEL 2G – 314 CELLS



	ACCESSIBILITY	RETAINABILITY		MOBILITY
Threshold	>=95%	>=95%	<=2%	>=95%
REGION	Call Setup Success Rate @ BH	Call Success Rate @ BH	Call Drop Rate @ BH	HO Success @ BH
GBA	97.08%	96.70%	0.39%	98.89%
CRR	95.86%	92.96%	3.03%	86.92%
LRR	96.33%	92.74%	3.73%	77.03%
NBR	81.59%	78.11%	4.42%	65.11%
URR	92.71%	89.38%	3.64%	84.17%
WCR	92.19%	89.17%	3.30%	85.91%

QCELL 2G Coverage Map

• QCELL 2G – 448 CELLS



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Performance Indicators Definition

- ❖ Call Setup Success Rate (CSSR)– is used to measure the percentage of calls successfully established without facing blockage in the network .
(To check network accessibility)
- ❖ Call Drop Rate (CDR) – is used to measure the percentage of calls dropped due to technical problems or coverage gaps in the service provider’s network . **(To check network retain-ability)**
- ❖ Call Success Rate (CSR) -is used to measure the percentage 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 - is used to measure call moving between cells to continue conversation and prevent drop call on the Network. (**To Check Mobility)**

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