

## **OLOONKOLIN AND NTULELE AREAS HUMAN WILDLIFE CONFLICT DETERRENT FENCE STATUS REPORT JULY 2023**



*Figure 1: A team led by Oloisukut Conservancy manager and Trans Mara Kenya Wildlife Service warden and host of community leaders during a site inspection to establish the electric fence deficiencies at Oloonkolin Area.*

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## **Introduction**

In an effort to reduce the rampant spearing and killing of elephants and other herbivores as a result of crop raiding in Oloonkolin and Ntulele areas of Trans Mara South Sub-County, in 2021 WWF-Kenya supported the Community in Construction a 10km stretch fence along the Mara River. The fence has been very effective in ensuring elephants and other herbivores do not cross over from protected areas to these community areas. However from April 2023, the fence has developed mechanical problems ranging from Power supply hitches, loosened electric wires, cut-off electric wires, and bushy vegetation cover among other problems.

Following these mechanical problems, elephants and other wild herbivores have gained access to these community and agricultural areas causing havoc and increasing cases of human wildlife conflicts.

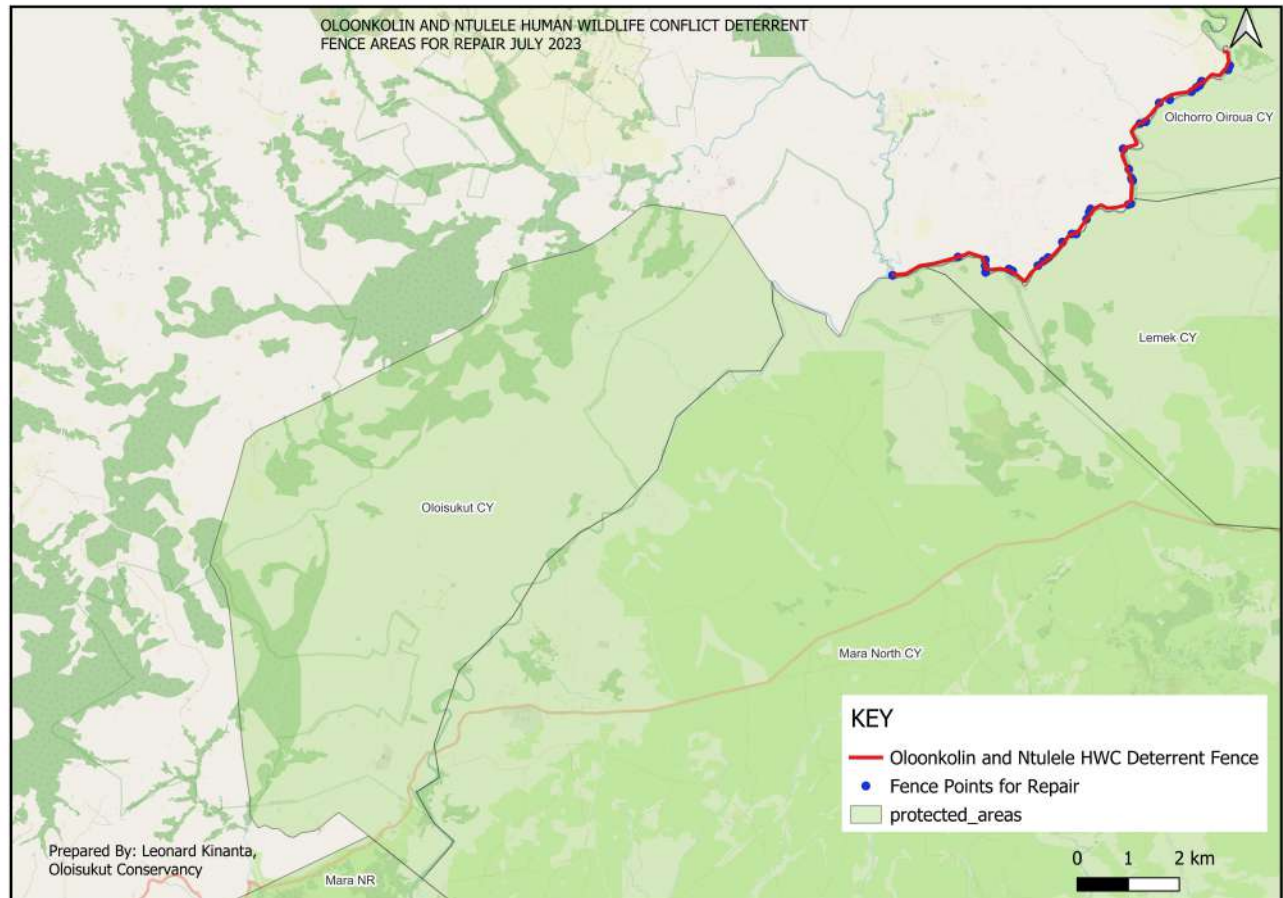
It is on this ground that Oloisukut Conservancy team led by the Manager Derrick Meegesh and Kenya Wildlife Service team led by Trans Mara Station Warden Philemon Chebet led a two-day exercise on 20<sup>th</sup> and 21<sup>st</sup> July 2023 which entailed visiting the some raided farms by elephants and establishing the root cause of Human Wildlife Conflict deterrent fence mechanical problems in the area.

## **METHODOLOGY**

The activity entailed the following;

1. Three different teams walking along the fence each covering at least 3km
2. Use of GPS gadgets to record actual locations of areas that needs repair along the fence
3. Use of cameras to take photographs of areas that needs repair
4. Use of pens and notebooks in noting down specific problems in areas that needs repair
5. Mapping of the areas that needs repair by use QGIS and report writing.

## FENCE AREAS FOR REPAIR DISTRIBUTION MAP



*Figure 2: The Map above shows the specific points that needs to be repaired in the fence. Most areas have common problems such as loose wires, damaged wires at gates, need of additional wires and posts among other minor problems.*

Oloonkolin and Ntulele Human Wildlife Conflict Deterrent Fence Areas for Repair		
Co-ordinates		What needs to be repaired
X	Y	
736894	9874462	gate wires damaged, need for repair
737430	9874405	One of the Electric wires cut-off, need for repair
737427	9874290	One of the Electric wires cut-off, need for repair
737436	9874163	One of the Electric wires cut-off, need for repair
735615	9874103	gate wires damaged, need for repair
742219	9878210	Need for additional post and wire repair
742188	9878127	Need for additional post and wire repair

741668	9877904	Need for additional post and wire repair
741659	9877880	Need for additional post and wire repair
741631	9877825	Additional post needed
741565	9877777	Additional post needed
741473	9877698	Need for additional post and wire repair
741044	9877541	Need for additional post and wire repair
740838	9877479	Need for additional post and wire repair
740577	9877110	Need for additional post and wire repair
740462	9877074	Need for additional post and wire repair
740133	9876579	Additional wire needed
737892	9874225	gate wires damaged, need for repair
737947	9874196	Need for addition of more electric wires
737968	9874185	loose wire, need for tightening
738461	9874292	Very bushy, need for clearing
738565	9874381	need for additional wire at gate
738661	9874451	Very bushy, need for clearing
738942	9874754	gate wires damaged, need for repair
739125	9874914	Very bushy, need for clearing
739211	9874911	need for additional wires
739413	9875203	need for additional hanging wires
739467	9875338	need for more hanging wires
739495	9875401	gate damaged, need for additional wires
737527	9875414	wire disconnected with earth rode
740230	9875488	additional wires needed
740281	9875503	need for additional hanging wires
740318	9875957	posts long apart, need for additional posts and tighten loose wires
740303	9875979	gate repair ,need for additional wires
740294	9876003	need for gate repair, additional wires, hanging wires
740242	9876181	need additional post and wire, hanging wires
740133	9876575	gate wires damaged need for repairs

## RECOMMENDATIONS

1. There is need for urgent repair of the Human Wildlife Conflict deterrent fence to prevent further access of Elephants and other wild herbivores to these community areas.
2. There is need for employment at least two community scouts in these areas to guard the fence and provide reports in case of mechanical problems
3. There is need for the extension of the fence along the Muyan River to cut-off this alternative route of elephants and other herbivores into farms and community areas.
4. More Community education and awareness meetings should be held in this areas on the importance of the Human Wildlife Conflict Deterrent fence and Conservation at large.

## Conclusion

In Conclusion, this report provides detailed information on areas that needs to be repaired to improve effectiveness of Human Wildlife Conflict Deterrent Fence in Olookolin and Ntulele areas. There is an urgent need to repair this fence to *Figure 4: Cut-Off and loose wire in of* prevent more cases of Human Wildlife Conflict in *the areas* these areas.