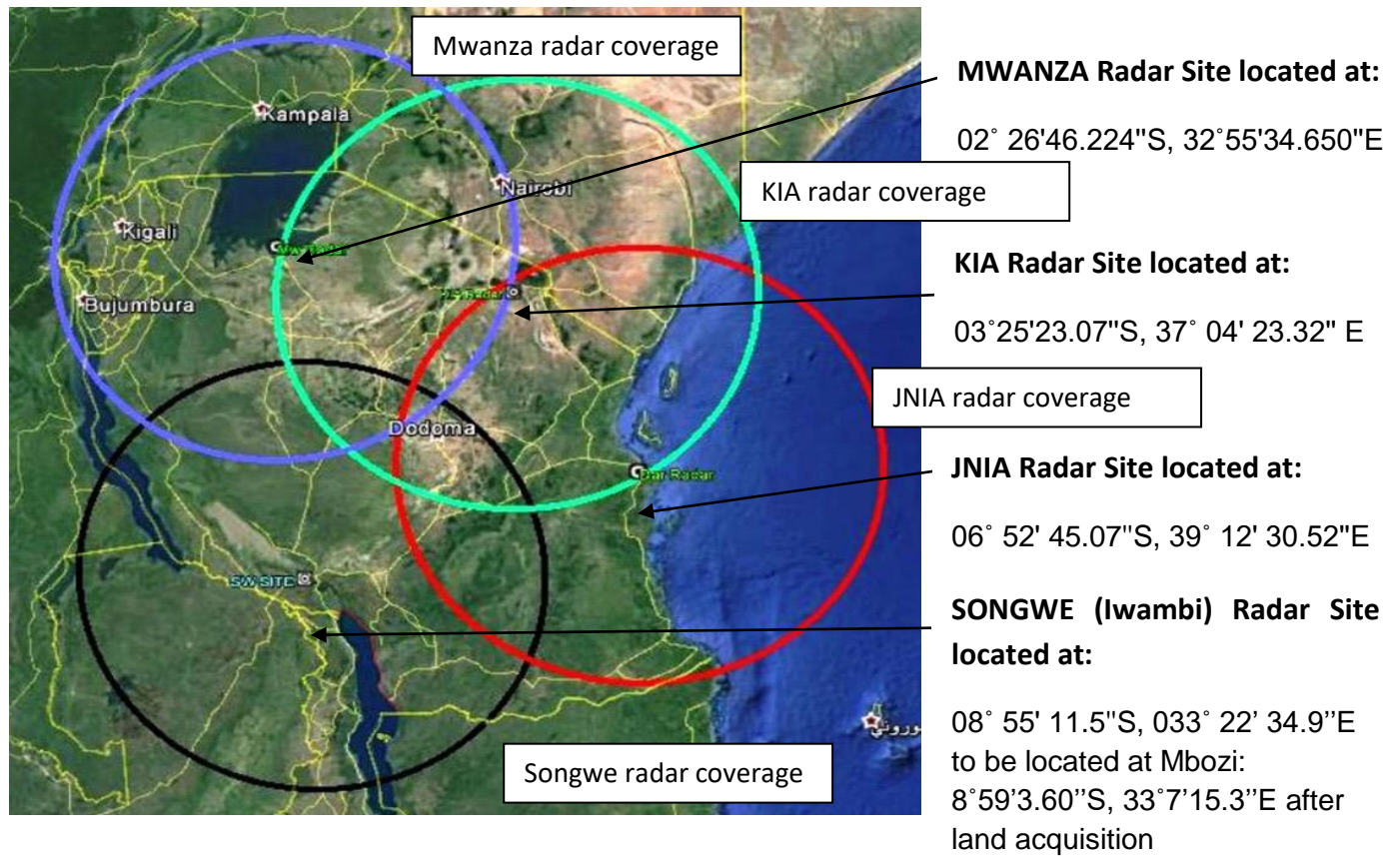


**PROGRESS REPORT DAR FIR ON THE IMPLEMENTATION OF THE  
RECOMMENDATIONS AND PERFORMANCE TARGETS ON 16TH AIAG MEETING  
(JOHANNESBURG, 6-7 MARCH 2019)**

<b>AREA OF IMPROVEMENT</b>	<b>CURRENT STATUS 2018/19</b>	<b>REMARKS</b>
Airspace organization should be reviewed	<ul style="list-style-type: none"> <li>• Phase one – Data collection at all 14 aerodromes coordinates has been done (50%)</li> <li>• Establishment of Mwanza TMA on final stages</li> <li>• Review of Dar &amp; Kilimanjaro TMAs is ongoing</li> <li>• Establishment of Songwe TMA survey study is on final stage</li> <li>• Review of Upper Control Area within Dar FIR subject to EAC Upper airspace project</li> <li>• Implementation of Flexible use of Airspace</li> <li>• Establishment of Zanzibar-Arusha-Lake Manyara VFR corridors – Meeting with stakeholder for route acceptance has been done</li> </ul>	<ul style="list-style-type: none"> <li>• The project is ongoing</li> <li>• Implementation to include radar procedures within TMA</li> <li>• Is ongoing</li> <li>• Project is on going to include radar procedures</li> <li>• EAC Upper airspace project recommendations to be considered</li> <li>• Coordination with Military is ongoing</li> <li>• Progress is good</li> </ul>
Review, update and implement manpower and training plans. (already in progress)	<ul style="list-style-type: none"> <li>• Recruitment of 30 ATMOs was done but only 21 ATMO cadets passed interview now undergoing Aerodrome training at CATC</li> <li>• Upgrading of ATMOs is ongoing for Radar courses and procedures is ongoing</li> <li>• Review of ATM succession plan is ongoing</li> </ul>	<ul style="list-style-type: none"> <li>• ATMO recruitment will continue on FY 2019/20</li> <li>• Is ongoing</li> <li>• Is ongoing</li> </ul>
Consider implementing refresher/recurrence training for ATM personnel	<ul style="list-style-type: none"> <li>• Refresher courses has been conducted to address issues of safety concerns to enhance improvement on: <ul style="list-style-type: none"> <li>✓ Coordination</li> <li>✓ RNAV procedures</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Is ongoing</li> </ul>

	<ul style="list-style-type: none"> <li>Recurrence training: was done for 5NLC before introduction of new route/reporting points</li> </ul>	<ul style="list-style-type: none"> <li>More Recurrence training will be conducted for New Installed CNS Systems</li> </ul>
Consider implementing a fatigue risk management programme	<ul style="list-style-type: none"> <li>Fatigue Risk Management Team has been established to conduct analysis on fatigue at work place and assess risks associated with fatigue and propose mitigations to be implemented</li> <li>The survey has been conducted to collect data for analysis</li> </ul>	Is ongoing
EQUIPMENT UPGRADE	<p><b>Radar Project:</b> TCAA continues on installation of 4 Radar within Dar FIR at</p> <ul style="list-style-type: none"> <li>a) Dar Site – 90%</li> <li>b) Kilimanjaro Site – 62%</li> <li>c) Mwanza site - civil work is on going</li> <li>d) Songwe site – site preparation</li> </ul> <p>ATC Radar simulator will be installed at JNIA for field training</p> <p><b>ADS-B Project:</b> The phase two – to install on Western sector implementation is expected to start in FY 2019/20</p> <p><b>VHF Main Radio:</b> The installation will start end of February to improve communication system within Dar FIR.</p> <p><b>ILS at Zanzibar:</b> Site preparation is completed and Installation will start early March 2019</p> <p><b>Radar Simulator at CATC:</b> Installation completed in May 2018 and the first intake for Approach Radar Course students will graduate in early March 2019.</p> <p><b>AMHS Project:</b> The contract negotiation with Frequencies Company is going to complete the project.</p>	<p>The project is going on well</p> <p>Is ongoing</p> <p>Is ongoing</p> <p>Is ongoing</p> <p>The project will reduce existing gap of radar experts</p>

## LOCATION MAP AND RADAR COVERAGE



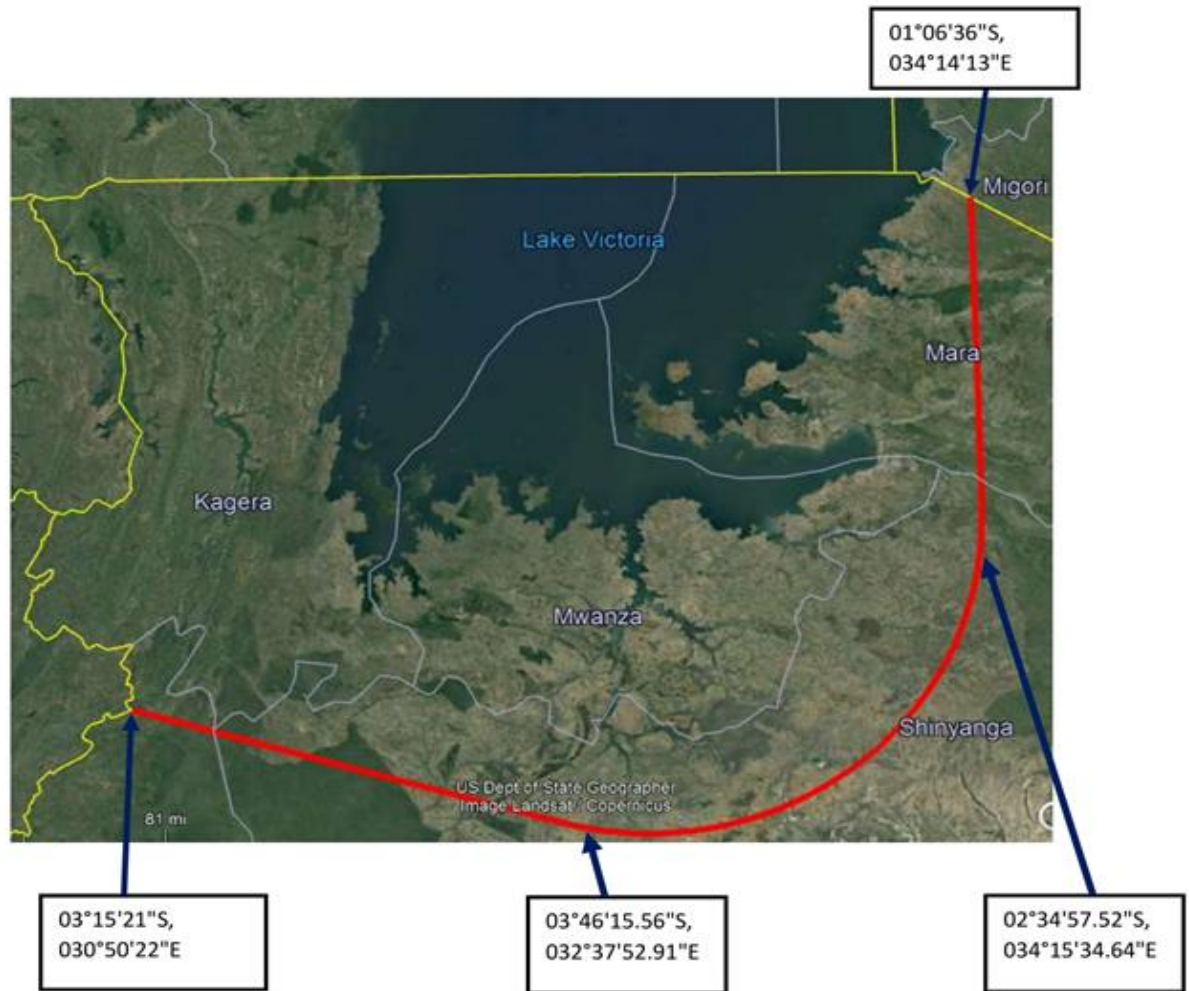
Dar Radar Site



Kilimanjaro Radar Site



## AIRSPACE STRUCTURE OF MWANZA TMA



### Conclusion:

TCAA is fully committed and will continue to improve its CNS ATM facilities/equipment and airspace infrastructure in order to meet international standards for the interest of Safety and efficiency of Air Traffic Management.