## Non-conformance Page

This document contains the non-conformances of our final project with fixes

Problem	Diagram/Photos	Solution	Notes
Project not linking correctly	Descriptions of the control of the c	Add the following args to the colcon.meta file:  "microcdr": {	Link to issue opened in micro-ros github page:  O Building Custom library fails - Issue #619 - micro-ROS/micro_ros_setup
Micro Ros Agen Session not eshtablished (stuck on set verbose level)	The special section of the section o	Framing in rmw_uros_set_custom_transport was disabled, to solve this enable framing:  Add defines:    ndefine MICKOROS_TRANSPORTS_FAMILIAN_MODE 1   ndefine MICKOROS_TRANSPORTS_FAMILIAN_MODE 1   ndefine MICKOROS_TRANSPORTS_FAMILIAN_MODE 1   setatic wold microres_thread_custom(void *powramenters);   const TickType_t_xlscord = pows_To_TICSO_FOLEN1\$COROD_);   /* microsles_trotstype */   bool_visis_transport_open(struct_us/Custom(Transport_* transport));   and enable framing:     /* microsles_transport_open(struct_us/Custom(Transport_* transport));   microsles_transport_open(struct_us/Custom(Transport_* transport));   microsles_transport_open(struct_us/Custom(Transport_* transport));   microsles_transport_open(struct_us/Custom(Transport_* transport_* tran	Link to issue:      Agent run stopped after set_verbose_level · Iss ue #187 · micro-ROS/micro-ROS-Agent      4.1. Custom Transports — Vulcanexus 1.0.0 do cumentation  Important Note:  Run agent first then client
Problem with transport functions can't see data that was sent		The XUartPs_Send is non-blocking function so sometimes happened while the UART was sending, XUartPs_Recv was call causing bytes loss. We need to wait until UART finish sending, So we add the following line to the write transport function:    April 1	