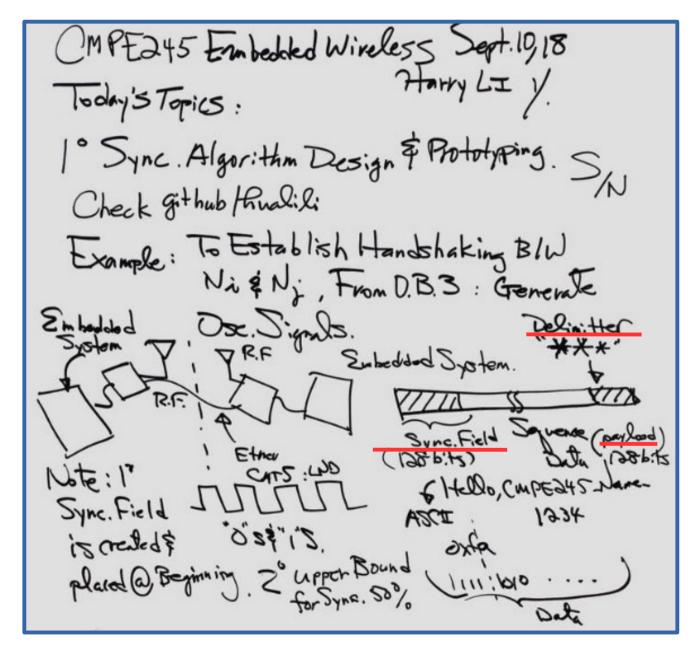
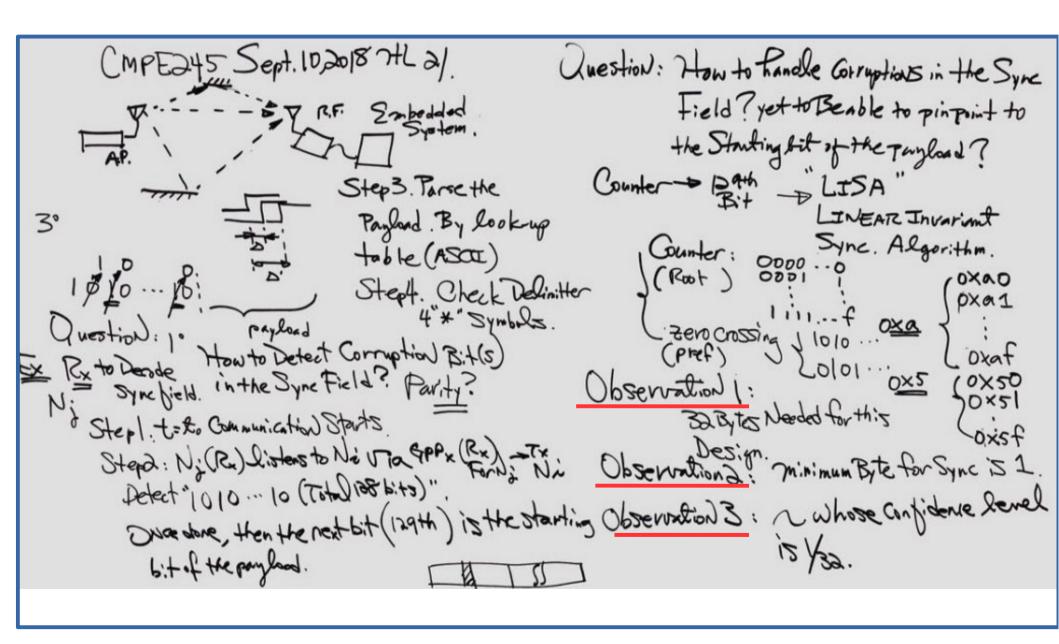
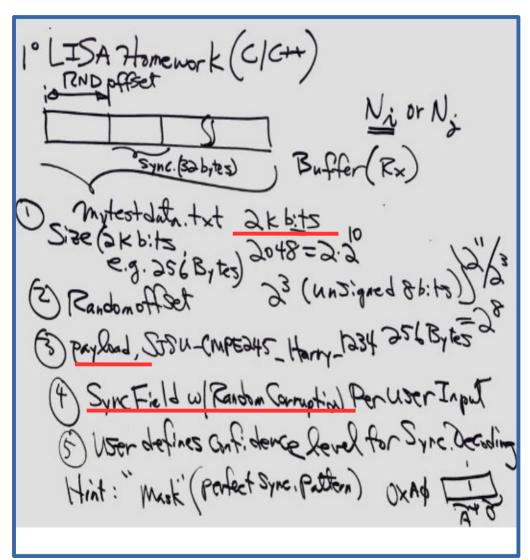
9-10-2018 Sync Design



9-9-2018 LISA Algorithm



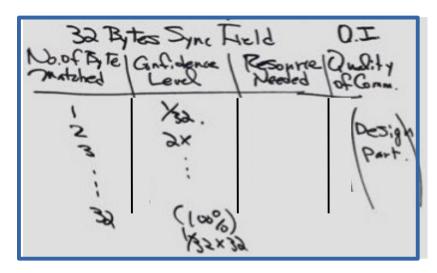
9-12-2018 LISA Implementation



Algorithm (LISA Inplementation): 1. Define Amask. e.g. OXAD, to-Example, 2° Start from the 18t bit of the Data buffer, Perform bit wise Pattern matching IT matched Hen the Sync. is established w/ Confidence Love 1/32. If No matching, Shift to the right 1 bit, repeal the matching Process (bit wise matching) till the matching Pattern Journal on the end of the buffer Reached; 3. Start New Musk, E.g. OXAI, and antinue His Process as the above till all the mosks checked And for the confidence Level reached.

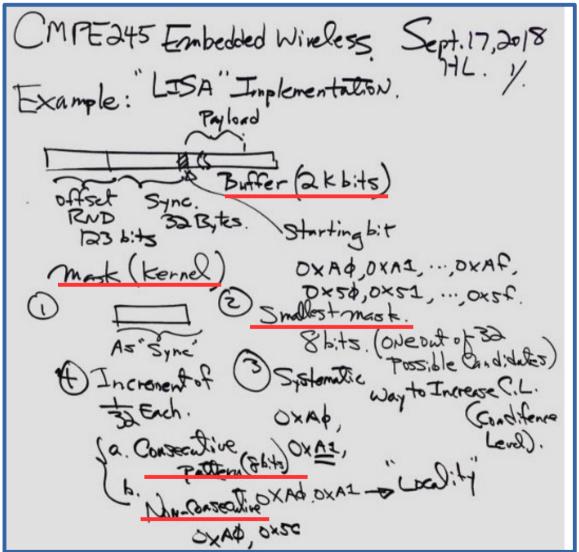
9-17-2018 LISA C/C++ Implementation

Table 1. Sync Bytes vs. Confidence Level, vs. QI index

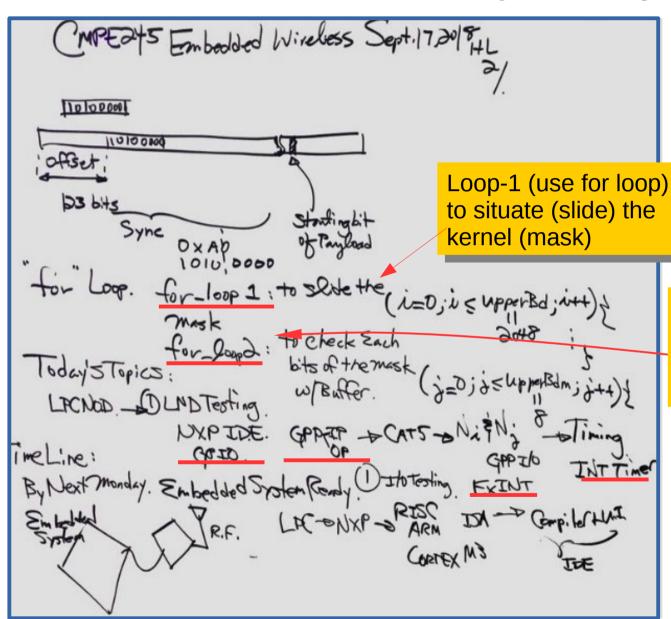


LISA For Sync Adaptation

Define QI (quality index) between Node i and Node j communication.



9-17-2018 C/C++ Sync Implementation



Loop-2 (use for loop) to check the matching of the kernel (mask) with the data from the buffer