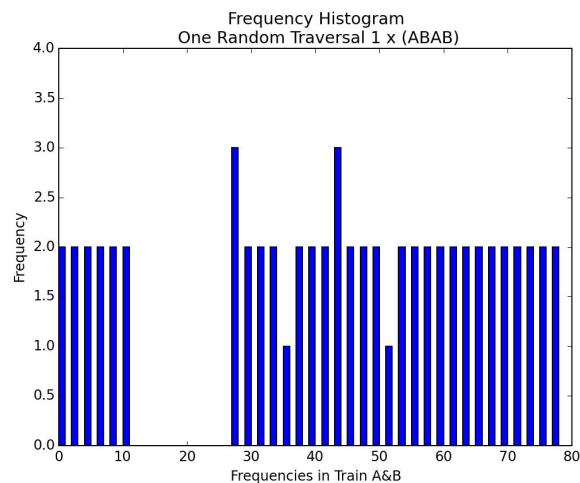
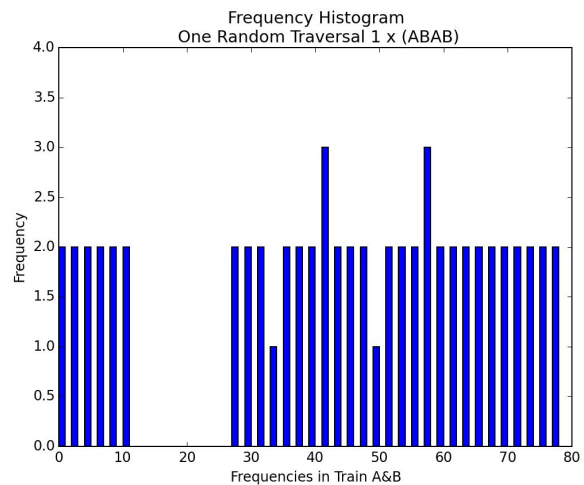
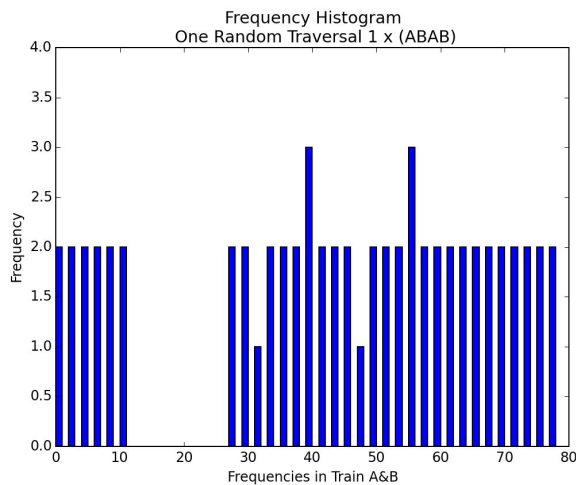


Analysing UCBT's implementation of Inquiry Protocol

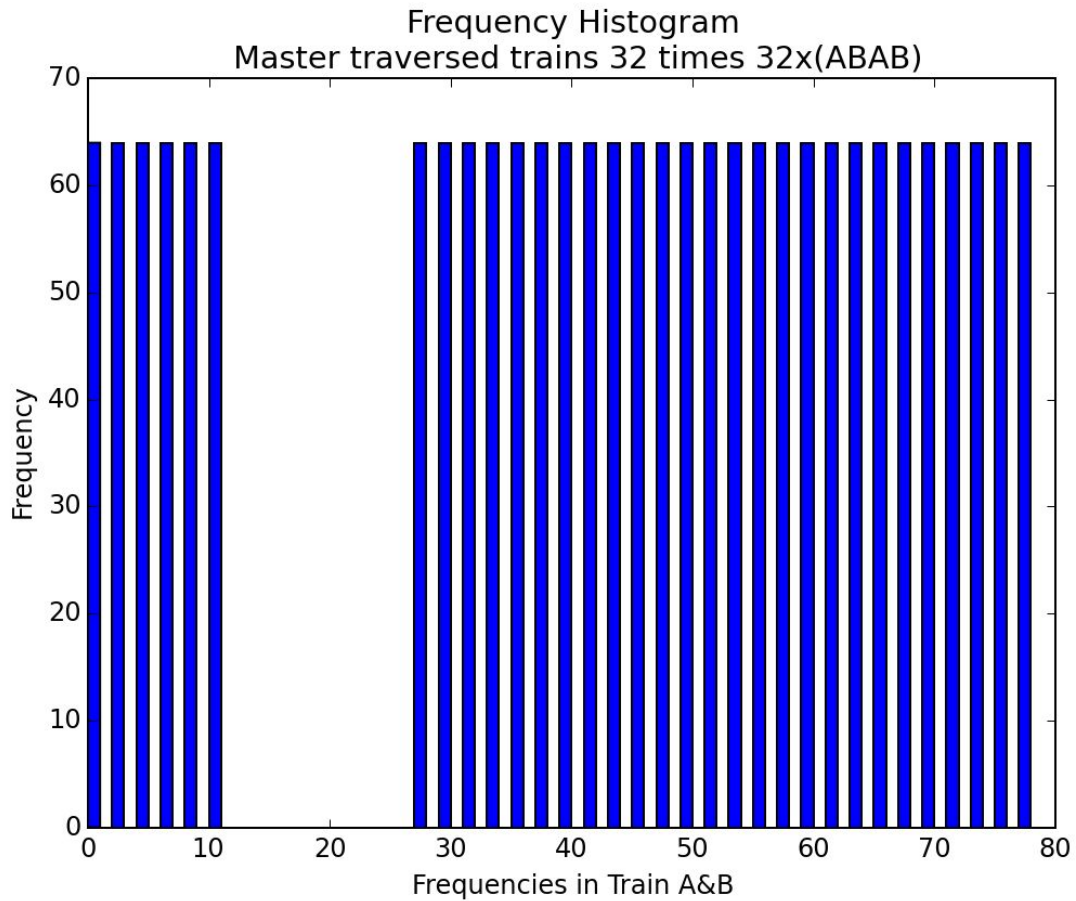
- 1- Every train always have 16 unique frequencies.
- 2- (!) It is not compulsory that frequencies in train A can not appear in train B, in same traversal ABAB.

Find attached a few plots for random traversal i.e. 1 x ABAB:



According to our initial understanding all 32 frequencies should be repeated twice only (strictly)

3- But once this is repeated 32 times (since there are 32 frequencies in total), we get a uniform distribution. Hence every frequency occurs 64 times, find attached the histogram below:



4- It all makes sense now. The code is available in C++ and I believe there should not be any issue to port this over to SUMO.