Code Review Check list   Date: 17.03.2014

Reviewer: **Martin Oehler**
Use Case: **#73 Implement a coder (length channel)**

Description	Comment	check
Structure		
Does the solution only cover the modules task?		X
Is the code well-structured, consistent in style and consistently formatted?		X
Is there unreachable code?		X
Are there any leftover stubs or test routines?		X
Is there any redundant code?		X
Are any modules excessively complex?		X
Documentation		
Are the comments consistent?		X
Are the comments sufficient and understandable?		X
Variables and Methods		
Are all variables/methods properly defined with meaningful, consistent names?		X
Are there any redundant or unused variables/methods?		X
Loops and Branches		
Are all cases covered in IF-blocks?		X
Are logical structures nested correctly?		X
Are loop termination conditions achievable?		X
Are indexes properly initialized?	change 'int' to 'unsigned int' in for-loops	X
Defensive Programming		
Are indexes and pointers tested against array bounds?		X
Are imported data and input arguments tested for validity and completeness?		X
Are all output variables assigned?		X
Is every memory allocation deallocated?		X
Code Conventions		
Are the Code Conventions fulfilled?		X
Do the tests have statement coverage?		X