After using MTB Project Creator, the following procedure is used to add the additional configurations to the IAR projects:

1. Create a new empty project in IAR
2. Add the project connection file (.ipcf file)
3. Remove the project connection file after project creation
4. In Debug configuration:
   1. Change linker output extension from .out to .elf
   2. In output converter, check intel hex and override
   3. Remove “extra options” from compiler if necessary (e.g. -Ofast, -Wno-maybe-uninitialized)
   4. Add required warning suppressions in compiler tab (e.g. Ta023, Pe188)
5. In Release configuration:
   1. Change linker output extension from .out to .elf
   2. In output converter, check intel hex and override
   3. Remove “extra options” from compiler if necessary (e.g. -Ofast, -Wno-maybe-uninitialized)
   4. Add required warning suppressions in compiler tab (e.g. Ta023, Pe188)
   5. Compiler/assembler output: generate debug information
   6. Optimize for maximum speed
   7. Remove BENCH\_TEST from compiler preprocessor list
   8. Remove BENCH\_TEST from assembler preprocessor list
6. Create DRFO, DSFO, DTBC from Debug configuration
7. Create RRFO, RSFO, RTBC from Release configuration
8. Change CTRL\_METHOD\_xxx macros in compiler and assembler preprocessor lists
9. Change output folders to Build\TARGET-IAR\Dxxx\Exe, etc.
10. Remove Debug and Release configurations