**Technical/Scientific Contact Person : Shia-Hui Peng**

**Organisation**  **:** FOI Totalforsvarets forskningsinstitut

Forsvars- och sakerhetssystem

SE-164 90 Stockholm, Sweden

Telephone: +46 8 5550 3188

Email: shia-hui.peng@foi.se

**Quick Overview**

Please mark with an “X” in the red, yellow or green boxes how do you assess the present (general) status of your work:

(red = critical status, yellow = moderately problematic status, green = everything is running well)

**Timely according to DoW**

**Costs**

**Technical Progress**

**x**

**x**

**x**

**Please note:**

**When you have ticked yellow or red boxes, please explain problems you have encountered and possible solutions below:**

* …
* …
* …

**Please double-click on the table to open Excel file**  
**\*) Task Status: N = Not yet started, O = Ongoing, C = Completed**



**Summary of Activities**

Please describe concisely, for the actual quarter and task by task, e.g.:

*Work started, work performed, achievements, problems, dissemination activities, technical meetings managed and/or participated in, purchases, subcontracts, and what else is important for monitoring the project*

Task 1.1: No actions.

Task 1.2: Not started yet

Task 2.1: Start theoretical modelling analysis using the energy-backscatter function in a one-equation based hybrid RANS-LES model, as well as some analysis on the PANS approach. Calibration in computations of turbulent channel flow is ongoing. Computation using HYB0 and HYB0M on mixing-layer flow is also ongoing.

Task 2.2: Not started yet.

Task 3.1: not involved

Task 3.2: not involved

Task 4.1: not involved

Task 4.2: Not started yet