WHY ARE WE HERE? HOW DID WE GET HERE? WHERE ARE WE? AND …. WHERE DO WE GO FROM HERE?
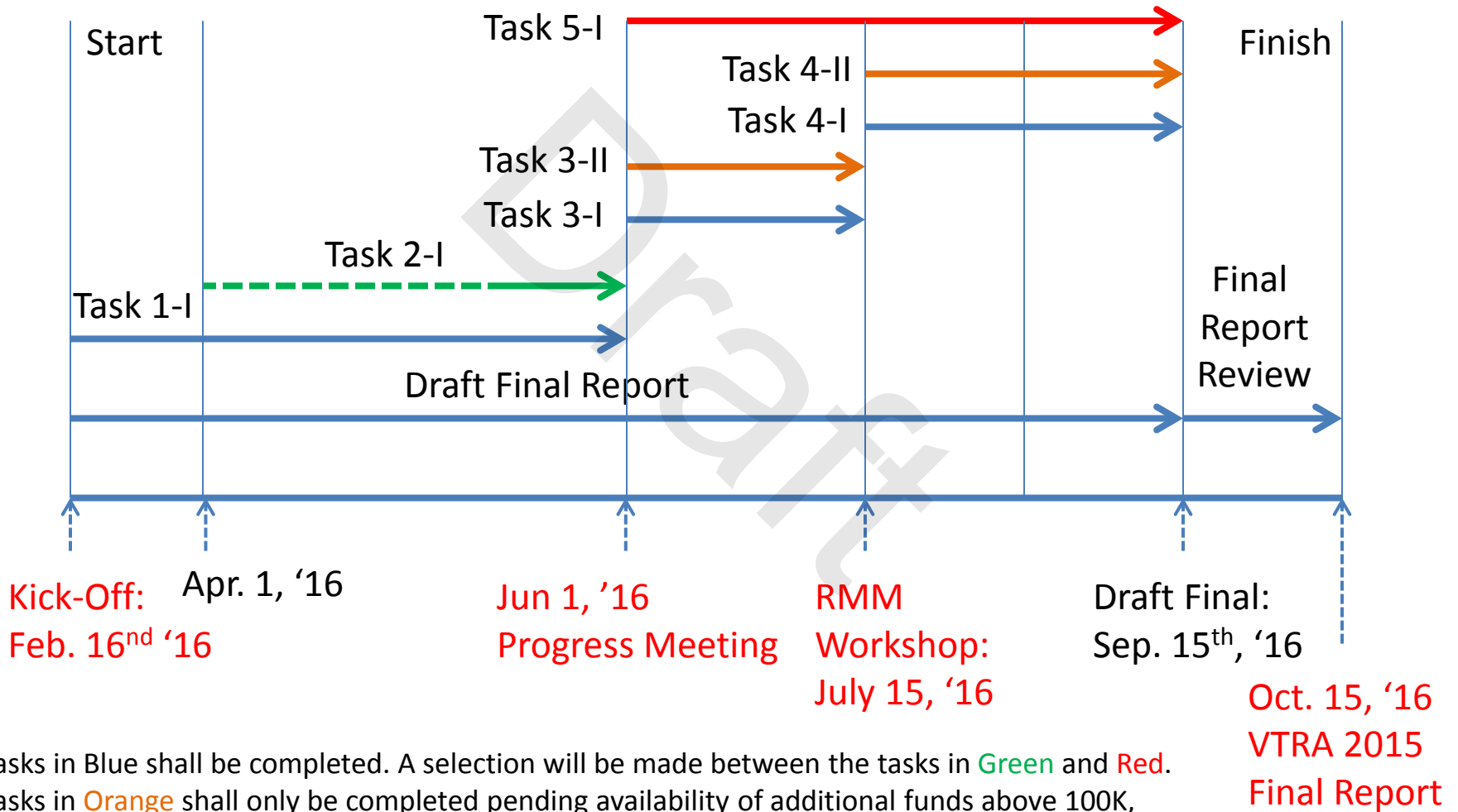

Jason R.W. Merrick (VCU) and J. Rene van Dorp (GW)

June 1st - 2nd, 2016

Tentative VTRA 2015 Project Schedule

Start

Task 5-I

Task 4-II

Task 4-I

Task 3-II

Task 3-I

Task 2-I

Task 1-I

Draft Final Report

Finish

Final Report Review

Kick-Off:
Feb. 16nd '16

Apr. 1, '16

Jun 1, '16
Progress Meeting

RMM Workshop:
July 15, '16

Draft Final:
Sep. 15th, '16

Oct. 15, '16
VTRA 2015
Final Report

Tasks in Blue shall be completed. A selection will be made between the tasks in Green and Red.
Tasks in Orange shall only be completed pending availability of additional funds above 100K,
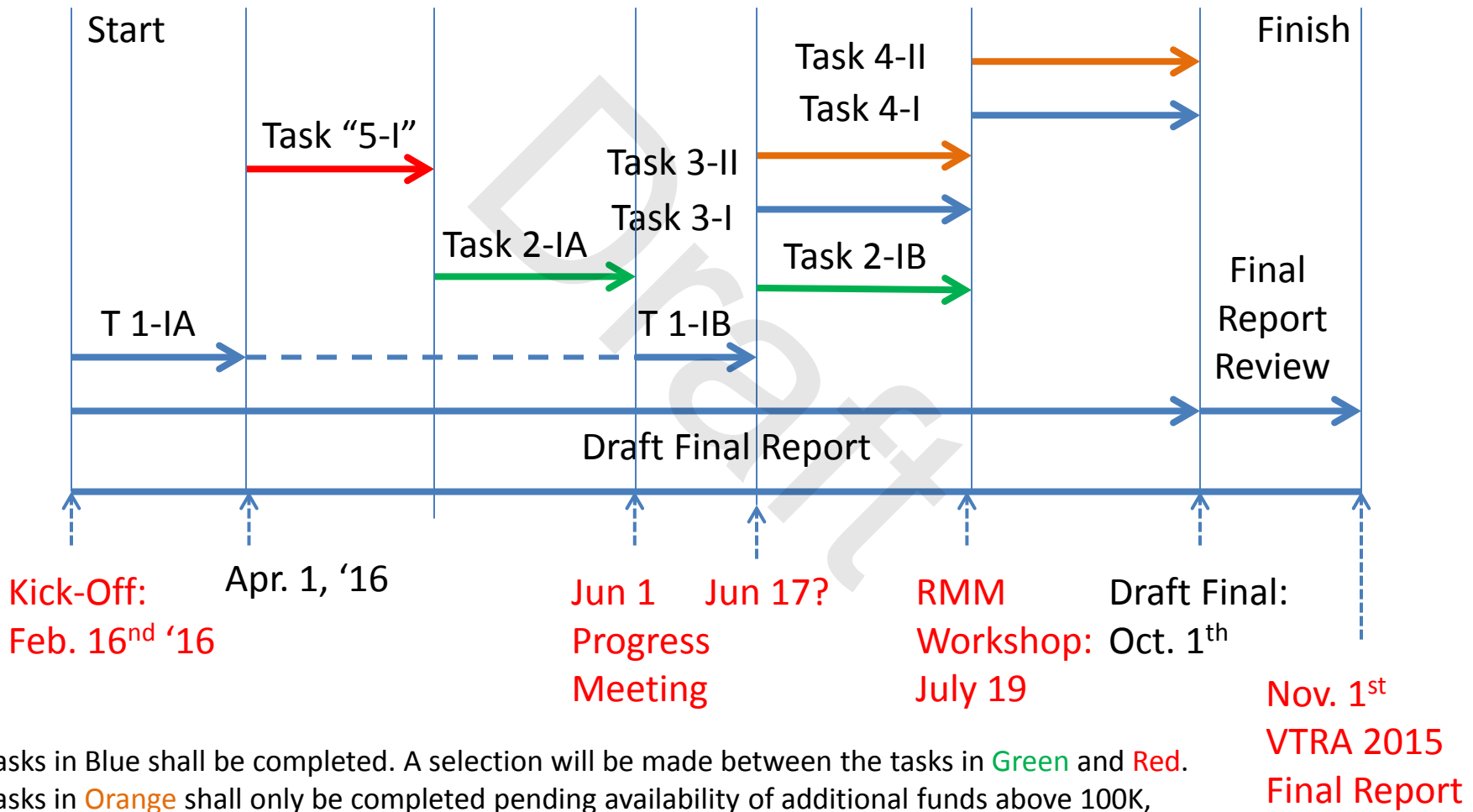
T 1-I   : Incorporate AIS Count line Traffic Stream Analysis in VTRA '10 Mode
            to develop VTRA '15 Base Case

T 2-I   : Compare Updated Case Q, R an S to VTRA '15 Base Case

T 3-I   : Analyze **one** "Combined What-If Case U" consisting of a selection of
            additional "terminal projects" on Top of Case T and compare
            to the VTRA '15 Base Case

T 3-II   : Separate "Combined What-If Case U" into **at most three** additional
            "terminal projects/sub What-if Cases U" on Top of VTRA '15 Base Case
            and compare to the VTRA '15 Base Case.

T 5 -1   : **One** "Sensitivity Case" on VTRA 2010 Model incident rates using
            VTRA working group provided multipliers with **source documentation**.

T 4-I   : Analyze **one** "RMM Case What-If Case U – RMM" consisting of portfolio
            of RMM's applied to "Combined What-If Case" and compare to
            "Combined What-If Case".

T 4-II   : Separate "Combined What-If Case U – RMM " Case into **at most three**
            three "sub – RMM Case" applied to "Combined What-If Case U" and
            compare to "Combined What-If Case".

T - F   : Draft / Final Report Task

Tasks in Blue shall be completed. A selection will be made between the tasks in Green and Red.
Tasks in Orange shall only be completed pending availability of additional funds above 100K,

Updated VTRA 2015 Project Schedule

Start

Finish

Task "5-I"

Task 4-II

Task 4-I

Task 3-II

Task 3-I

Task 2-IA

Task 2-IB

T 1-IA

T 1-IB

Final Report Review

Draft Final Report

Kick-Off: Feb. 16nd '16

Apr. 1, '16

Jun 1 Progress Meeting

Jun 17?

RMM Workshop: July 19

Draft Final: Oct. 1th

Nov. 1st VTRA 2015 Final Report

Tasks in Blue shall be completed. A selection will be made between the tasks in Green and Red. Tasks in Orange shall only be completed pending availability of additional funds above 100K,

T 1-IA   : AIS Count line Traffic Stream Analysis

T "5 -1" : Recalibrate VTRA 2010 Model to 1990 – 2015 Accident Data
resulting in VTRA '15 Cal. Case (Note: this replaces Task 5-1)

T 2-IA   : Compare Updated Case Q, R an S to VTRA '15 Cal. Case

T 1-IB   : Incorporate AIS Count line Traffic Stream Results in VTRA '15 Cal. Case
to develop VTRA '15 Base Case

T 2-IB   : Compare VTRA '15 Base Case to VTRA '15 Cal. Case

T 3-I   : Analyze **one** "Combined What-If Case U" consisting of a selection of
additional "terminal projects" on Top of Case T and compare
to the VTRA '15 Base Case

T 4-I   : Analyze **one** "RMM Case What-If Case U – RMM" consisting of portfolio
of RMM's applied to "Combined What-If Case" and compare to
"Combined What-If Case".

T 3-II   : Separate "Combined What-If Case U" into **at most three** additional
"terminal projects/sub What-if Cases U" on Top of VTRA '15 Base Case
and compare to the VTRA '15 Base Case.

T 4-II   : Separate "Combined What-If Case U – RMM " Case into at most three
three "sub – RMM Case" applied to "Combined What-If Case U" and
compare to "Combined What-If Case".

T - F   : Draft / Final Report Task

Tasks in Blue shall be completed. A selection will be made between the tasks in Green and Red.
Tasks in Orange shall only be completed pending availability of additional funds above 100K,

Order of Presentations

1. A Comparison of the VTRA 2015 Cal. Case to the VTRA 2010 Base Case
2. A Comparison of "Updated" Case T:GWK-1503 to the VTRA 2015 Cal. Case
3. A Comparison of "Updated" Case R: KM 348 to the VTRA 2015 Cal. Case
4. A Comparison of "Updated" Case S: DP 668 to the VTRA 2015 Cal. Case
5. A Comparison of "Updated" Case Q: GW 487 to the VTRA 2015 Cal. Case
6. VTRA Model 2015 Calibration