
GENERAL RE-EVALUATION REPORT

APPENDIX A: ECONOMICS

SAVANNAH HARBOR EXPANSION PROJECT
Chatham County, Georgia and Jasper County, South Carolina

January 2012

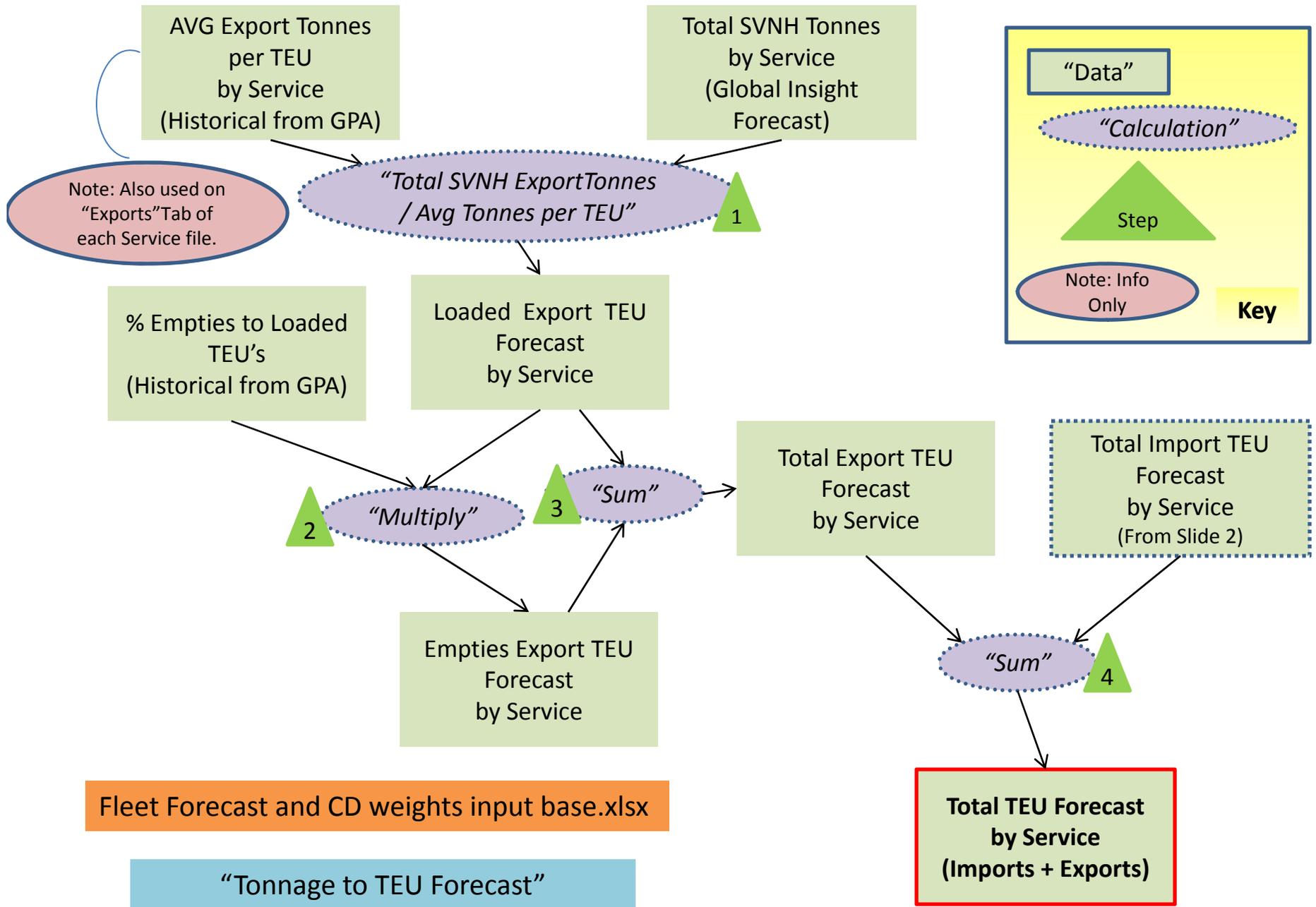
ATTACHMENT 2

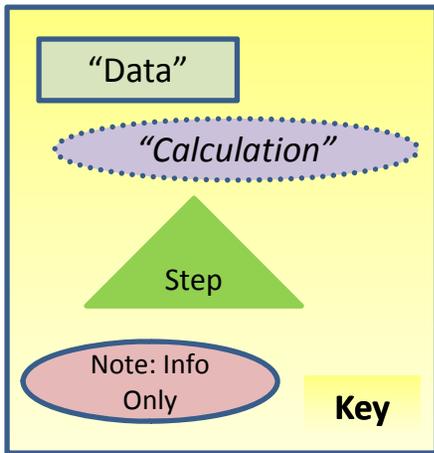
Transportation Cost Savings
Model Flow Chart



**US Army Corps
of Engineers**
*Savannah District
South Atlantic Division*

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Total SVNH Tonnes by Service (Global Insight Forecast)

AVG Import Tonnes per TEU by Service (Historical from GPA)

5

"Total SVNH Import Tonnes / Avg Tonnes per TEU"

Note: Also used on "Import" Tab of each Service file.

Loaded Import TEU Forecast by Service

% Empties to Loaded TEU's (Historical from GPA)

"Sum" 7

"Multiply" 6

Total Export TEU Forecast by Service (From Slide 1)

Total Import TEU Forecast by Service

"Sum" 8

Empties Import TEU Forecast by Service

Total TEU Forecast by Service (Imports + Exports)

Fleet Forecast and CD weights input base.xlsx

"Tonnage to TEU Forecast"

Total TEU Forecast by Service (Imports + Exports) (From Slides 1 +2)

$$\frac{(Total\ TEU - 105718)}{.0361}$$

Note: MSI Formula

SVNH Vessel Call TEU Capacity

% Calling Capacity for PP1 vessels (MSI)

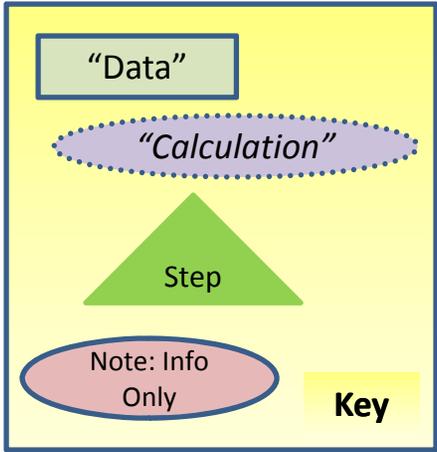
"Multiply" 10

AVG TEU's for PP1 Vessel (Lloyd's)

"Capacity/AVG TEU's" 12

PP1 Vessel Call Forecast (used in Slide 4)

Capacity for PP1 Vessels



"Multiply" 11

% Calling Capacity for PP2 vessels (MSI)

Capacity for PP2 Vessels

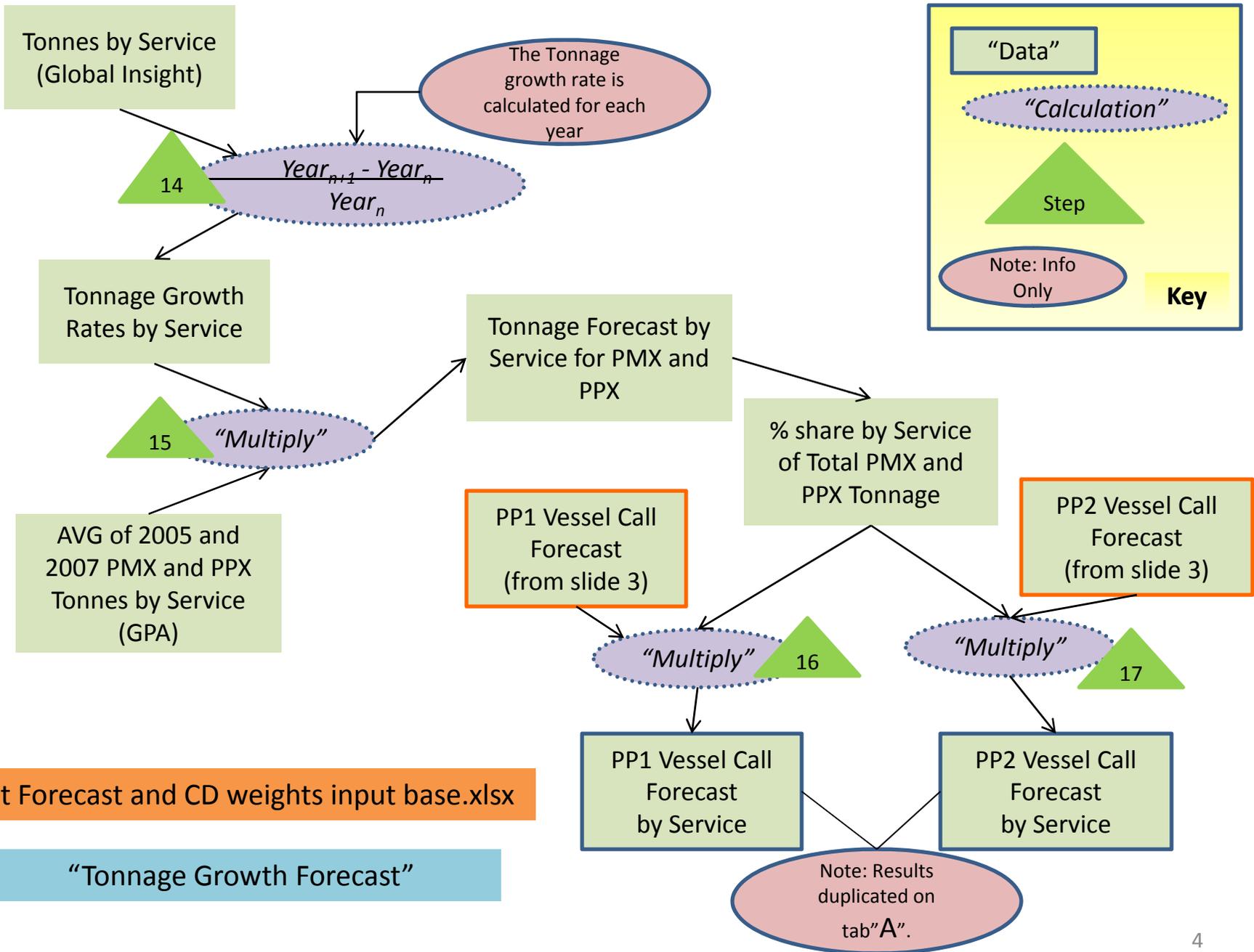
"Capacity/AVG TEU's" 13

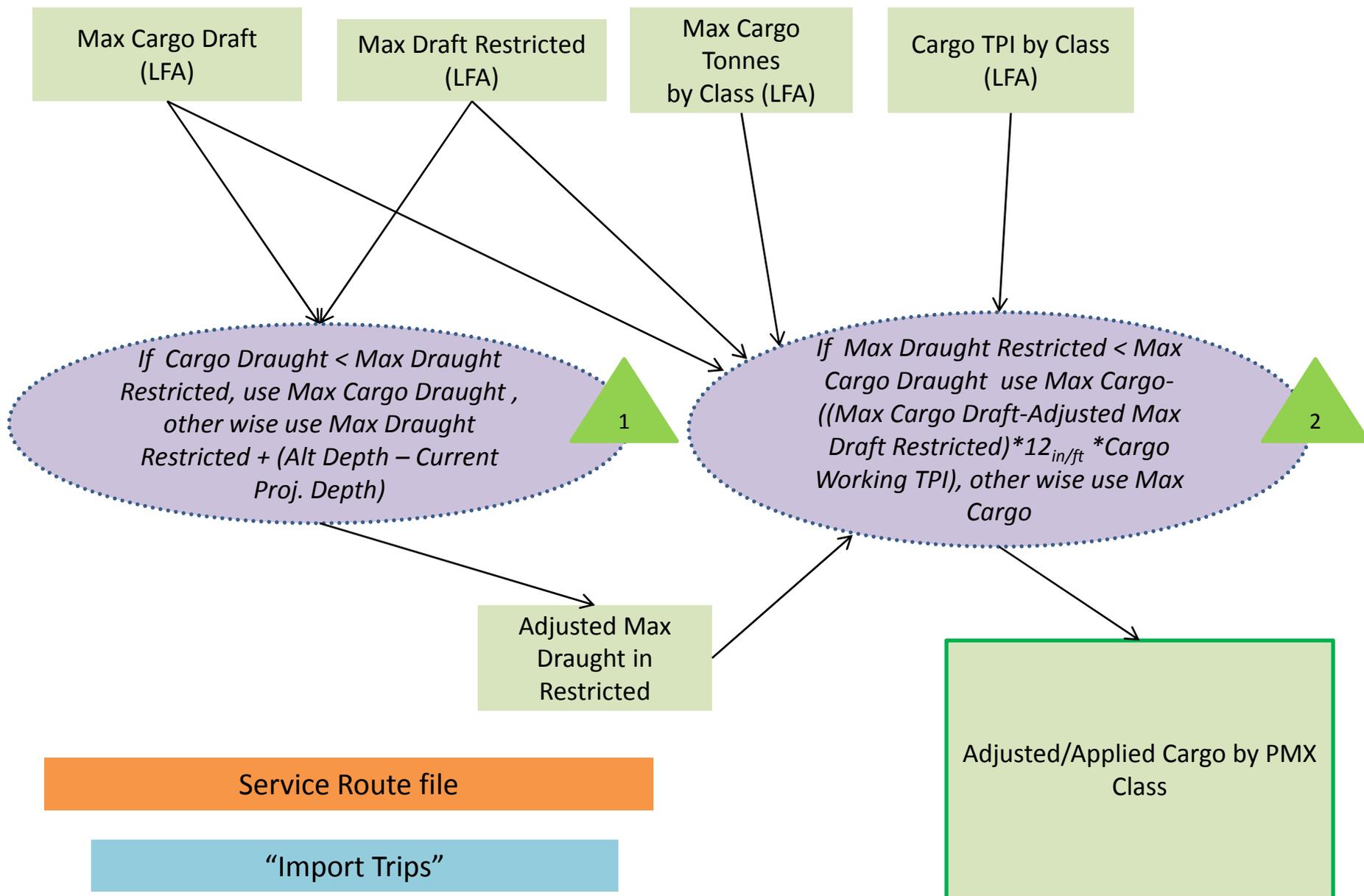
PP2 Vessel Call Forecast (Used in Slide 4)

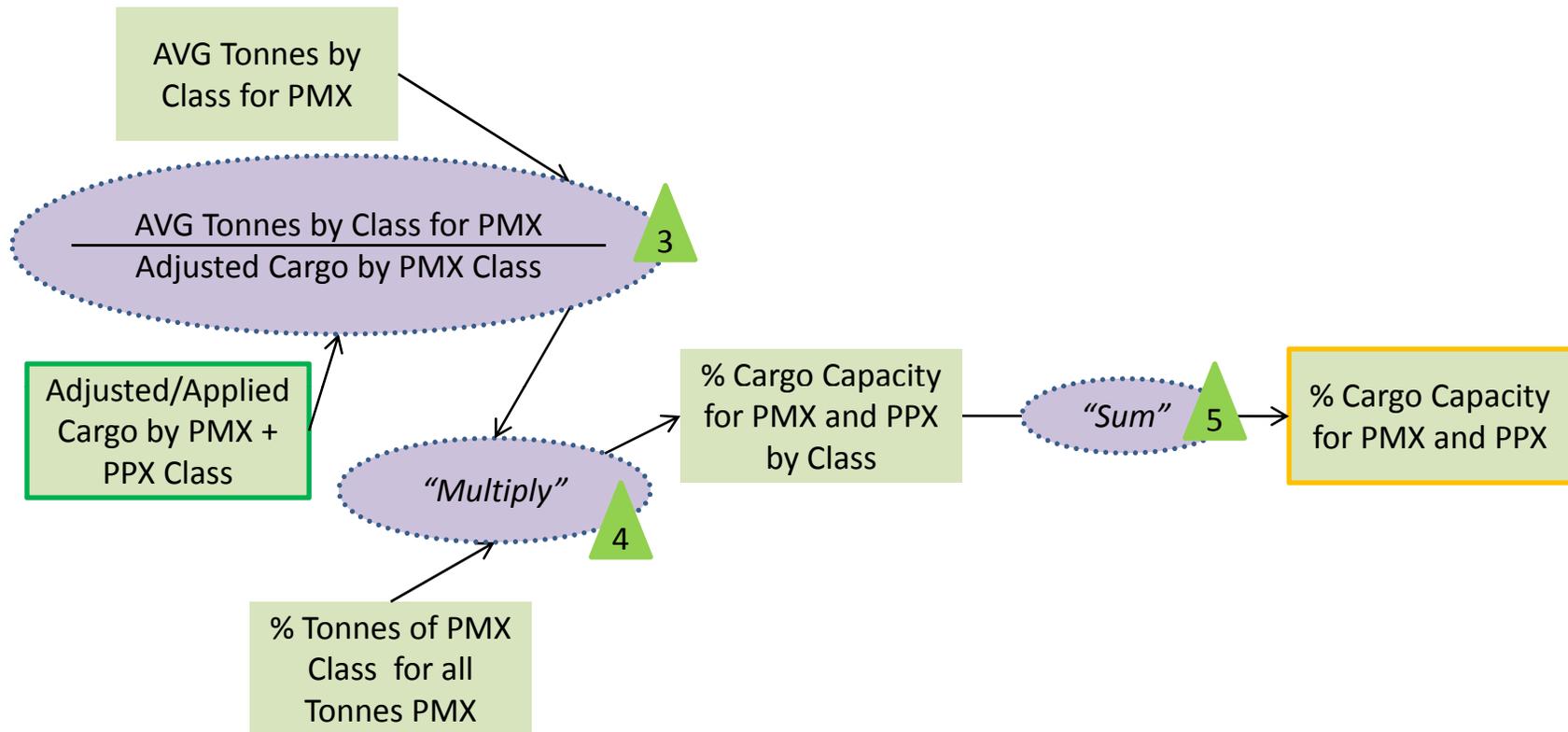
AVG TEU's for PP2 Vessel (Lloyd's)

Fleet Forecast and CD weights input base.xlsx

"Essential MSI Adjusted"

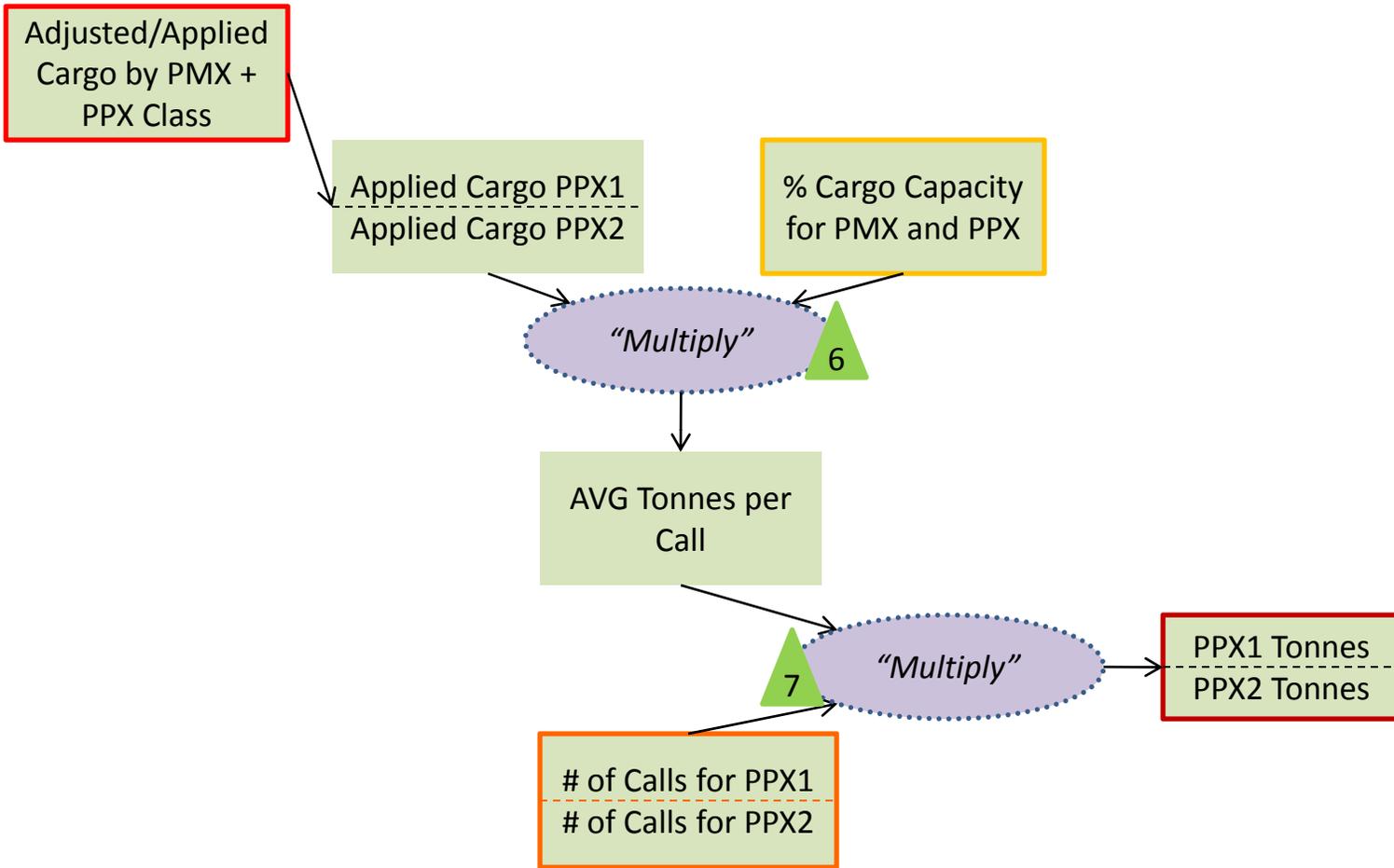






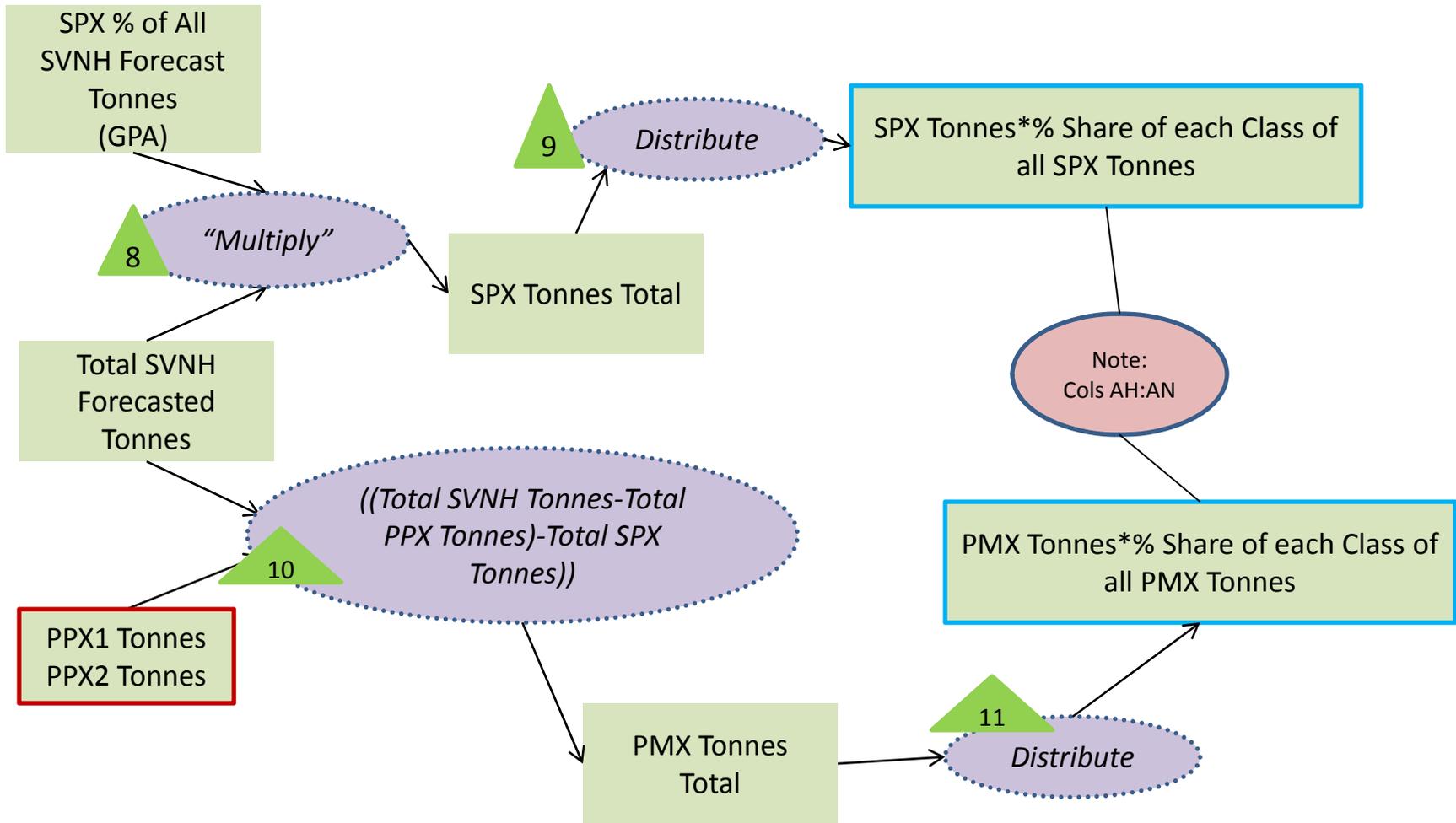
Service Route file

"Import Trips"



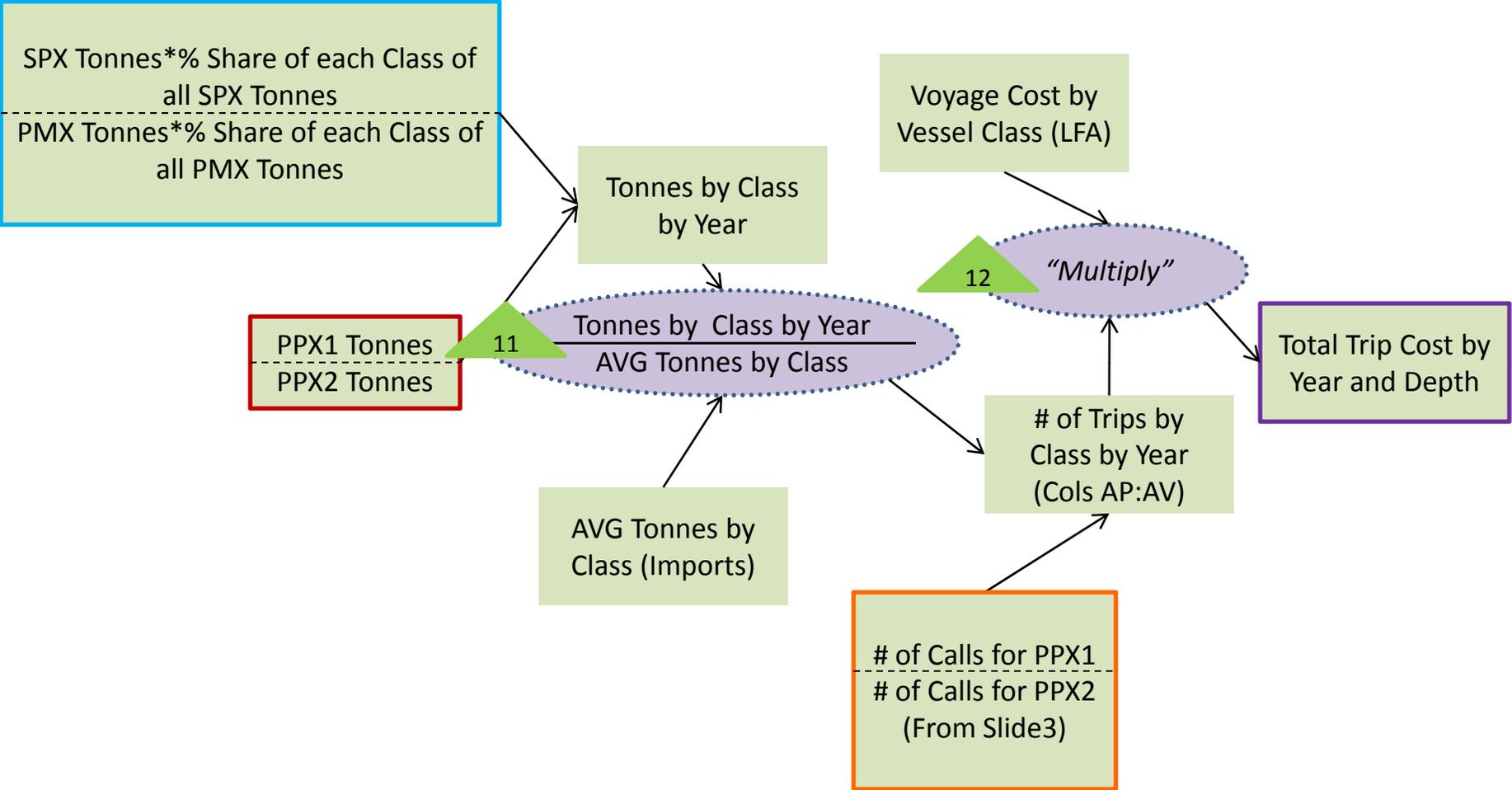
Service Route file

"Import Trips"



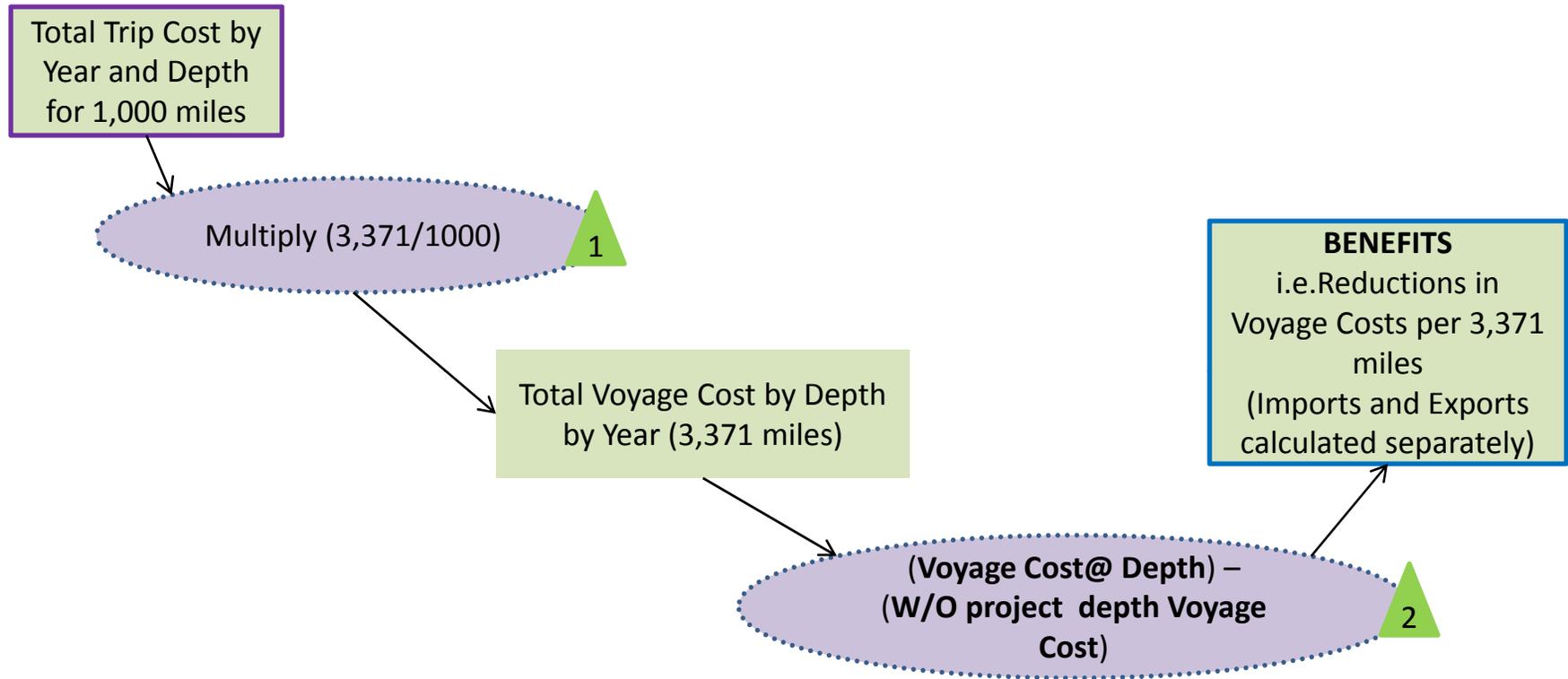
Service Route file

“Import Trips”



Service Route file

“Import Trips”



Service Route file

“Summary”

