

## 5.10 – COST PROJECTIONS

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### OBJECTIVES

Upon completion of this unit, the trainee will be able to:

1. Create a projection.
2. Edit a projection.
3. Update a projection.
4. Generate a projection graph.
5. Generate a projection report.

I. INTRODUCTION:

- A. ICARS offers users a projection “module” to select and manipulate data for generating customized projections. As a starting point for each projection, ICARS uses the current day’s count of equipment and direct personnel resources. Added to this, is the support calculation as follows:

$$\frac{\text{Current Day Total Support Cost}}{\text{Current Day Total Direct Personnel}} \times \text{Future Day Direct Personnel}$$

- B. The *Update* function in the projection module can be used two ways.
1. To increase or decrease the number of days for a projection.
  2. To apply current day’s costs to a previous day’s specifications.

II. EXERCISES

- A. To create a projection.
1. Run **Create Daily**.
  2. On the **Projection** menu, click **Work With Projection**.
  3. On the **Projection** window, click in the first available blank row, in the cell to the right of the\*.
  4. Click the **Incident** drop-down arrow, click to select the **Incident** of your choice, and then press TAB.
  5. To assign the current date, press TAB to advance the cursor past the **First Day of** column.
  6. In the **Days** column, type the **number of days**, and then press TAB.
  7. In the **Projection Name** column, type an appropriate **Projection Name**, and then press TAB to save the projection.
- B. Edit a projection.
1. Select or highlight the **Frye Projection of Total Cost** projection in the top grid.
  2. In the middle grid of the projection window, click into the cell for **LOWB Kind** and **Average Cost**.
  3. Change the amount to **\$387**. **Tab** to save this change.

4. Check the **Flow Down** check box at the bottom of the projection window.
  5. In the bottom grid, click into the **Quantity** cell for **8/8/2003**. Change this value to **4**.
  6. Release crews and pieces of equipment on a couple of different days of the projection.
- C. Update a projection.
1. Select or highlight the **Frye Projection of Total Cost** projection in the top grid of the projection window.
  2. Click the **Update Projection w/Current Days Costs** button at the bottom of the projection window.
  3. **Change Projection Days to 8**. Click the **Run Update** button.
  4. Re-Select the **Frye Projection of Total Cost** in the top grid. Note the additional day of data in the lower grid.
  5. Click the **Utilities** menu and select **Set System Date/Time**. Change the system date to **August 9<sup>th</sup>, 2003**.
  6. Click the **Update Projection w/Current Days Costs** button at the bottom of the projection window.
  7. **Change Projection Days to 5**. Click the **Run Update** button.
  8. Re-Select the **Frye Projection of Total Cost** in the top grid. Note the change to **First Day of** and **Days** for this projection.
- D. To generate a projection graph.
1. Select or highlight a projection in the top grid of the projection window.
  2. Find the **Graphs** window in the lower section of the projection window and click the radio button next to **Cost by Date**.
  3. Click the **Graph** button to display the selected graph.
  4. Run the **Total Projection Cost** graph.
- E. Generate a projection report.
1. Select or highlight a projection in the top grid of the projection window.
  2. Find the **Reports** window in the lower section of the projection window and click the radio button next to **Projection**.

3. Click the **Preview** button to display the projection report
4. Run the **Weekly** and **Total Costs** reports.