private void btnLoadGrid\_Click(object sender, RoutedEventArgs e)

{

int setNum = int.Parse(PartsSpinner.Value.ToString());

string formType = ProjectType.Substring(0, 1);

string paperType = PAPERTYPE.Substring(0, 1);

string rollWidth = ROLLWIDTH.ToString();

string cmd = "SELECT M.Description," +

"M.ItemType," +

"M.SubWT," +

"M.COLOR AS MCOLOR," +

"E.PAPER," +

"E.SETNUM," +

"E.SEQ," +

"E.PTYPE," +

"E.COLOR," +

"E.FORMTYPE," +

"E.PAPERTYPE," +

" 0.00 AS Pounds," +

" 0.00 AS LastPOCost," +

" 0.00 AS AverageCost," +

"M.COSTPERFACTOR AS MastInvCost," +

" 0.00 AS SelectedCost," +

" 0.00 AS PaperCost" +

" FROM PROVISIONDEV.DBO.MasterInventory M" +

" RIGHT OUTER JOIN PROVISIONDEV.DBO.ESTPAPER E" +

" ON M.ITEMTYPE = E.PTYPE" +

" AND M.COLOR = E.COLOR" +

" AND M.SubWT = E.WEIGHT" +

" WHERE E.FORMTYPE = '" + formType + "'" +

" AND E.PAPERTYPE = '" + paperType + "'" +

" AND M.SIZE = '" + rollWidth + "'" +

" AND E.SETNUM = " + setNum +

" AND Inventoryable = 1" +

" ORDER BY E.SETNUM, E.SEQ";

SqlConnection cn = new(ConnectionString); cn.Open();

SqlDataAdapter da = new(cmd, cn);

DataSet ds = new("Papers");

da.Fill(ds);

DataTable? dt = ds.Tables[0];

for (int r = 0; r < dt.DefaultView.Count; r++)

=> {

// These are already in the table; all we need is average and most recent cost for each paper

string? clr = dt.Rows[r]["Color"].ToString();

string? wt = dt.Rows[r]["SubWT"].ToString();

string? it = dt.Rows[r]["PType"].ToString();

it = (it == null) ? "" : it.Substring(0, 1) + "%";

string? size = cmbRollWidth.SelectedValue.ToString();

size = (size is null) ? "" : size.TrimEnd();

string? projType = cmbProjectType.SelectedValue.ToString();

projType = (projType == "SHEET") ? "SHT" : "ROLL"; // Sheet or Continuous

dt.Rows[r]["Pounds"] = 0; // Zero out all Pounds; PaperCalc will calculate them.

// Get the most recent and the average costs for this paper type:

SqlDataAdapter da4 = new SqlDataAdapter("MostRecentCost", ConnectionString);

da4.SelectCommand.CommandType = CommandType.StoredProcedure;

da4.SelectCommand.Parameters.Add("@Description", SqlDbType.VarChar, 50).Value = dt.Rows[r][0];

DataTable dtRec = new("Rec"); da4.Fill( dtRec);

if (dtRec.Rows.Count > 0) { dt.Rows[r]["LastPOCost"] = dtRec.Rows[0][0].ToString(); }

SqlDataAdapter da5 = new SqlDataAdapter("AverageCost", ConnectionString);

da5.SelectCommand.CommandType = CommandType.StoredProcedure;

da5.SelectCommand.Parameters.Add("@Description", SqlDbType.VarChar, 50).Value = dt.Rows[r][0];

DataTable dtAvg = new("Avg");

da5.Fill(dtAvg);

if(dtAvg.Rows.Count>0)

{ dt.Rows[r]["AverageCost"] = dtAvg.Rows[0][0].ToString(); // Rewrote to return just average cost

dt.Rows[r]["SelectedCost"] = dtAvg.Rows[0][0].ToString(); // SelectedCost defaults to average cost

}

else { dt.Rows[r]["SelectedCost"] = dt.Rows[r]["LastPOCost"]; } // Default is AverageCost unless it was zero

=>}

dgSheetsOfPaper.ItemsSource = dt.DefaultView;

Page2.IsEnabled = true;

Page3.IsEnabled = true;

Page2.Focus();

dgSheetsOfPaper.SelectedIndex = -1; // Force loading of labels

dgSheetsOfPaper.SelectedIndex = 0; // Select the first row

}