```
<form hideChrome="true" hideEdit="true" refresh="600">
  <!-- hideChrome="true" hideEdit="true" refresh="600" -->
  <label>Stacker_Report_bw</label>
  <description>Allow 2min refresh after parameter selections (even if results
populate). Click on widgets to analyze. ----GREEN &lt; 90% Fill Level-----RED &gt;
90% Fill Level----</description>
  <search>
    <query>| makeresults
     </query>
    <earliest>$TimeRangePicker.earliest$</earliest>
    <latest>$TimeRangePicker.latest$</latest>
    <done>
      <eval token="earliestTime">strftime(strptime($job.earliestTime$,"%Y/%m/%d
%H:%M:%S %p"),"%Y%m%d%H%M%S")</eval>
      <eval token="latestTime">strftime(strptime($job.latestTime$,"%Y/%m/%d %H:
%M:%S %p"),"%Y%m%d%H%M%S")</eval>
    </done>
  </search>
  <fieldset submitButton="false" autoRun="true">
    <input type="time" token="TimeRangePicker" searchWhenChanged="true">
      <label>Time Picker</label>
      <default>
        <earliest>-7d@h</earliest>
        <latest>now</latest>
      </default>
    </input>
    <input type="time" token="IFLTP" searchWhenChanged="true">
      <label>Initial Fill Level Time Picker</label>
      <default>
        <earliest>-15d@d</earliest>
        <latest>now</latest>
      </default>
    </input>
    <input type="dropdown" token="fre" searchWhenChanged="true">
      <label>Sampling Frequency</label>
      <choice value="s">Seconds</choice>
      <choice value="min">Minutes</choice>
      <choice value="h">Hours</choice>
      <default>h</default>
    </input>
    <input type="link" token="chassisC">
```

```
      <label>Model</label>
      <choice value="*">All</choice>
      <fieldForLabel>MODEL</fieldForLabel>
      <fieldForValue>MODEL</fieldForValue>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| table ID, N_KOBAU, ZPKT , _time
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table MODEL| dedup MODEL</query>
        <earliest>-7d@d</earliest>
        <latest>now</latest>
      </search>
      <default>*</default>
    </input>
    <input type="text" token="cap" searchWhenChanged="true">
      <label>Target Capacity (%)</label>
      <default>90</default>
    </input>
    <input type="text" token="FH">
      <label>Forecast Hours</label>
      <default>6</default>
    </input>
  </fieldset>
  <row>
    <panel>
      <title>Central Stacker</title>
      <single>
        <title>Fill Level</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z1906,Z2905,Z1916,Z1908,Z2920,Z1918) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
```

```
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z1906 with "Incoming"
| replace Z2905 with "Incoming"
| replace Z1916 with "Incoming"
| replace Z1908 with "Outgoing"
| replace Z2920 with "Outgoing"
| replace Z1918 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token1$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| stats latest(fill_level)</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$TimeRangePicker.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="colorBy">value</option>
      <option name="colorMode">block</option>
      <option name="drilldown">all</option>
      <option name="height">70</option>
      <option name="numberPrecision">0</option>
      <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
      <option name="rangeValues">[174]</option>
      <option name="refresh.display">progressbar</option>
      <option name="showSparkline">1</option>
      <option name="showTrendIndicator">1</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
      <option name="trendColorInterpretation">standard</option>
      <option name="trendDisplayMode">absolute</option>
      <option name="unitPosition">after</option>
      <option name="useColors">1</option>
      <option name="useThousandSeparators">1</option>
      <drilldown>
        <set token="show_panel">true</set>
        <unset token="show_panel1">true</unset>
        <unset token="show_panel2">true</unset>
```

```
        <unset token="show_panel3">true</unset>
        <unset token="show_panel4">true</unset>
        <unset token="show_panel5">true</unset>
        <unset token="show_panel6">true</unset>
      </drilldown>
    </single>
  </panel>
  <panel>
    <title>PB Stacker I/II</title>
    <single>
      <title>Fill Level</title>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z2510,Z2540,Z2520,Z2550,Z2516) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
  [ search index="oracletocelonis" source=CASES
  | table ID, MODEL, _time
  | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
|replace Z2510 with "Incoming"
|replace Z2540 with "Incoming"
|replace Z2520 with "Outgoing"
|replace Z2550 with "Outgoing"
|replace Z2516 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token2$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| stats latest(fill_level)</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$TimeRangePicker.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="colorMode">block</option>
      <option name="drilldown">all</option>
```

```
        <option name="height">70</option>
        <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
        <option name="rangeValues">[456]</option>
        <option name="refresh.display">progressbar</option>
        <option name="useColors">1</option>
        <drilldown>
          <unset token="show_panel">true</unset>
          <set token="show_panel1">true</set>
          <unset token="show_panel2">true</unset>
          <unset token="show_panel3">true</unset>
          <unset token="show_panel4">true</unset>
          <unset token="show_panel5">true</unset>
          <unset token="show_panel6">true</unset>
        </drilldown>
      </single>
    </panel>
    <panel>
      <title>Stacker West PB</title>
      <single>
        <title>Fill Level</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z280A with "Incoming_PB"
| replace Z280E with "Incoming_PB"
| replace Z280I with "Incoming_PB"
| replace Z280D with "Outgoing_PB"
| replace Z280H with "Outgoing_PB"
| replace Z280L with "Outgoing_PB"
| replace Z2881 with "Outgoing_PB"
| replace Z2882 with "Outgoing_PB"
| replace Z2883 with "Outgoing_PB"
```

```
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_PB= $Token3$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_PB as Incoming_cumulative_PB
| accum Outgoing_PB as Outgoing_cumulative_PB
| eval fill_level_PB = initial_fill_level_PB + (Incoming_cumulative_PB -
Outgoing_cumulative_PB)
| eval fill_level_PB = if(fill_level_PB &lt; 0,0,fill_level_PB)
| eval Fill_Level = fill_level_PB
| stats latest(Fill_Level)</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$TimeRangePicker.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="colorBy">value</option>
      <option name="colorMode">block</option>
      <option name="drilldown">all</option>
      <option name="height">70</option>
      <option name="numberPrecision">0</option>
      <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
      <option name="rangeValues">[745]</option>
      <option name="refresh.display">progressbar</option>
      <option name="showSparkline">1</option>
      <option name="showTrendIndicator">1</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
      <option name="trendColorInterpretation">standard</option>
      <option name="trendDisplayMode">absolute</option>
      <option name="unitPosition">after</option>
      <option name="useColors">1</option>
      <option name="useThousandSeparators">1</option>
      <drilldown>
        <unset token="show_panel">true</unset>
        <unset token="show_panel5">true</unset>
        <set token="show_panel2">true</set>
        <unset token="show_panel1">true</unset>
        <unset token="show_panel3">true</unset>
        <unset token="show_panel4">true</unset>
        <unset token="show_panel6">true</unset>
      </drilldown>
    </single>
  </panel>
```

```
    <panel>
      <title>Stacker West BIW</title>
      <single>
        <title>Fill Level</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z197A,Z197E,Z197I,Z197D,Z197H,Z197L) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z197A with "Incoming_BIW"
| replace Z197E with "Incoming_BIW"
| replace Z197L with "Incoming_BIW"
| replace Z197D with "Outgoing_BIW"
| replace Z197H with "Outgoing_BIW"
| replace Z197I with "Outgoing_BIW"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_BIW= $Token_BIW$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_BIW as Incoming_cumulative_BIW
| accum Outgoing_BIW as Outgoing_cumulative_BIW
| eval fill_level_BIW = initial_fill_level_BIW + (Incoming_cumulative_BIW -
Outgoing_cumulative_BIW)
| eval fill_level_BIW = if(fill_level_BIW &lt; 0,0,fill_level_BIW)
| eval Fill_Level =  fill_level_BIW
| stats latest(Fill_Level)</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$TimeRangePicker.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="colorBy">value</option>
        <option name="colorMode">block</option>
        <option name="drilldown">all</option>
        <option name="height">70</option>
        <option name="numberPrecision">0</option>
```

```
        <option name="rangeColors">["0x555","0x53a051"]</option>
        <option name="rangeValues">[0]</option>
        <option name="refresh.display">progressbar</option>
        <option name="showSparkline">1</option>
        <option name="showTrendIndicator">1</option>
        <option name="trellis.enabled">0</option>
        <option name="trellis.scales.shared">1</option>
        <option name="trellis.size">medium</option>
        <option name="trendColorInterpretation">standard</option>
        <option name="trendDisplayMode">absolute</option>
        <option name="unitPosition">after</option>
        <option name="useColors">1</option>
        <option name="useThousandSeparators">1</option>
        <drilldown>
          <set token="show_panel6">true</set>
          <unset token="show_panel">true</unset>
          <unset token="show_panel2">true</unset>
          <unset token="show_panel5">true</unset>
          <unset token="show_panel1">true</unset>
          <unset token="show_panel3">true</unset>
          <unset token="show_panel4">true</unset>
        </drilldown>
      </single>
    </panel>
    <panel>
      <title>Stacker West Combined</title>
      <single>
        <title>Fill Level</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883,Z197A,Z197E,Z1
97I,Z197D,Z197H,Z197L) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
```

```
| replace Z280A with "Incoming_PB"
| replace Z280E with "Incoming_PB"
| replace Z280I with "Incoming_PB"
| replace Z280D with "Outgoing_PB"
| replace Z280H with "Outgoing_PB"
| replace Z280L with "Outgoing_PB"
| replace Z2881 with "Outgoing_PB"
| replace Z2882 with "Outgoing_PB"
| replace Z2883 with "Outgoing_PB"
| replace Z197A with "Incoming_BIW"
| replace Z197E with "Incoming_BIW"
| replace Z197L with "Incoming_BIW"
| replace Z197H with "Outgoing_BIW"
| replace Z197D with "Outgoing_BIW"
| replace Z197I with "Outgoing_BIW"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_PB= $Token3$
| eval initial_fill_level_BIW= $Token_BIW$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_PB as Incoming_cumulative_PB
| accum Outgoing_PB as Outgoing_cumulative_PB
| accum Incoming_BIW as Incoming_cumulative_BIW
| accum Outgoing_BIW as Outgoing_cumulative_BIW
| eval fill_level_PB = initial_fill_level_PB + (Incoming_cumulative_PB -
Outgoing_cumulative_PB)
| eval fill_level_BIW = initial_fill_level_BIW + (Incoming_cumulative_BIW -
Outgoing_cumulative_BIW)
| eval fill_level_PB = if(fill_level_PB &lt; 0,0,fill_level_PB)
| eval fill_level_BIW = if(fill_level_BIW &lt; 0,0,fill_level_BIW)
| eval Fill_Level = fill_level_PB + fill_level_BIW
| stats latest(Fill_Level)</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$TimeRangePicker.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="colorBy">value</option>
        <option name="colorMode">block</option>
        <option name="drilldown">all</option>
        <option name="height">70</option>
        <option name="numberPrecision">0</option>
        <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
        <option name="rangeValues">[745]</option>
        <option name="refresh.display">progressbar</option>
```

```
        <option name="showSparkline">1</option>
        <option name="showTrendIndicator">1</option>
        <option name="trellis.enabled">0</option>
        <option name="trellis.scales.shared">1</option>
        <option name="trellis.size">medium</option>
        <option name="trendColorInterpretation">standard</option>
        <option name="trendDisplayMode">absolute</option>
        <option name="unitPosition">after</option>
        <option name="useColors">1</option>
        <option name="useThousandSeparators">1</option>
        <drilldown>
          <unset token="show_panel">true</unset>
          <unset token="show_panel2">true</unset>
          <set token="show_panel5">true</set>
          <unset token="show_panel1">true</unset>
          <unset token="show_panel3">true</unset>
          <unset token="show_panel4">true</unset>
          <unset token="show_panel6">true</unset>
        </drilldown>
      </single>
    </panel>
    <panel>
      <title>White Body Lane Store</title>
      <single>
        <title>Fill Level</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN (Z1965,Z1966) | dedup
_raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z1965 with "Incoming"
| replace Z1966 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token4$ | fillnull Incoming | fillnull Outgoing
```

```
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| stats latest(fill_level)</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$TimeRangePicker.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="colorBy">value</option>
      <option name="colorMode">block</option>
      <option name="drilldown">all</option>
      <option name="height">70</option>
      <option name="numberPrecision">0</option>
      <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
      <option name="rangeValues">[198]</option>
      <option name="refresh.display">progressbar</option>
      <option name="showSparkline">1</option>
      <option name="showTrendIndicator">1</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
      <option name="trendColorInterpretation">standard</option>
      <option name="trendDisplayMode">absolute</option>
      <option name="unitPosition">after</option>
      <option name="useColors">1</option>
      <option name="useThousandSeparators">1</option>
      <drilldown>
        <unset token="show_panel"></unset>
        <set token="show_panel3">true</set>
        <unset token="show_panel1"></unset>
        <unset token="show_panel2"></unset>
        <unset token="show_panel4"></unset>
        <unset token="show_panel5"></unset>
        <unset token="show_panel6"></unset>
      </drilldown>
    </single>
  </panel>
 </row>
 <row>
  <panel>
    <title>Stacker utilization - Layout plant 10, Spartanburg (04/2019)
$TimeRangePicker.latest$</title>
```

```
     <html>
      <center> <img style="padding-top:60px" height="700" src="/static/app/
component_analysis/test.png" width="900"/>  </center>
     <!-- src="/static/app/component_analysis/stkr.png" Stackerimage.png -->
     </html>
    </panel>
  </row>
  <row>
    <panel>
     <title>Central Stacker</title>
     <single>
       <title>Utilization Percent</title>
       <search>
         <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z1906,Z2905,Z1916,Z1908,Z2920,Z1918) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z1906 with "Incoming"
| replace Z2905 with "Incoming"
| replace Z1916 with "Incoming"
| replace Z1908 with "Outgoing"
| replace Z2920 with "Outgoing"
| replace Z1918 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token1$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| stats latest(fill_level) as Fill_Level | eval Max_Capacity = 193, Percent =
(Fill_Level/Max_Capacity)*100 | table Percent</query>
         <earliest>$TimeRangePicker.earliest$</earliest>
         <latest>$TimeRangePicker.latest$</latest>
         <sampleRatio>1</sampleRatio>
```

```
      </search>
      <option name="colorBy">value</option>
      <option name="colorMode">block</option>
      <option name="drilldown">all</option>
      <option name="height">70</option>
      <option name="numberPrecision">0.00</option>
      <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
      <option name="rangeValues">[90]</option>
      <option name="refresh.display">progressbar</option>
      <option name="showSparkline">1</option>
      <option name="showTrendIndicator">1</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
      <option name="trendColorInterpretation">standard</option>
      <option name="trendDisplayMode">absolute</option>
      <option name="unit">%</option>
      <option name="unitPosition">after</option>
      <option name="useColors">1</option>
      <option name="useThousandSeparators">1</option>
      <drilldown>
        <set token="show_panel">true</set>
        <unset token="show_panel1"></unset>
        <unset token="show_panel2"></unset>
        <unset token="show_panel3"></unset>
        <unset token="show_panel4"></unset>
        <unset token="show_panel5"></unset>
        <unset token="show_panel6"></unset>
      </drilldown>
    </single>
  </panel>
  <panel>
    <title>PB Stacker I/II</title>
    <single>
      <title>Utilization Percent</title>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z2510,Z2540,Z2520,Z2550,Z2516) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
  [ search index="oracletocelonis" source=CASES
```

```
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
|replace Z2510 with "Incoming"
|replace Z2540 with "Incoming"
|replace Z2520 with "Outgoing"
|replace Z2550 with "Outgoing"
|replace Z2516 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token2$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| stats latest(fill_level) as Fill_Level | eval Max_Capacity = 507, Percent = (Fill_Level/
Max_Capacity)*100 | table Percent</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$TimeRangePicker.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="colorBy">value</option>
        <option name="colorMode">block</option>
        <option name="drilldown">all</option>
        <option name="height">70</option>
        <option name="numberPrecision">0.00</option>
        <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
        <option name="rangeValues">[90]</option>
        <option name="refresh.display">progressbar</option>
        <option name="showSparkline">1</option>
        <option name="showTrendIndicator">1</option>
        <option name="trellis.enabled">0</option>
        <option name="trellis.scales.shared">1</option>
        <option name="trellis.size">medium</option>
        <option name="trendColorInterpretation">standard</option>
        <option name="trendDisplayMode">absolute</option>
        <option name="unit">%</option>
        <option name="unitPosition">after</option>
        <option name="useColors">1</option>
        <option name="useThousandSeparators">1</option>
        <drilldown>
```

```
          <unset token="show_panel"></unset>
          <set token="show_panel1">true</set>
          <unset token="show_panel2"></unset>
          <unset token="show_panel3"></unset>
          <unset token="show_panel4"></unset>
          <unset token="show_panel5"></unset>
          <unset token="show_panel6"></unset>
        </drilldown>
      </single>
    </panel>
    <panel>
      <title>Stacker West</title>
      <single>
        <title>Utilization Percent</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883,Z197A,Z197E,Z1
97I,Z197D,Z197H,Z197L) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z280A with "Incoming_PB"
| replace Z280E with "Incoming_PB"
| replace Z280I with "Incoming_PB"
| replace Z280D with "Outgoing_PB"
| replace Z280H with "Outgoing_PB"
| replace Z280L with "Outgoing_PB"
| replace Z2881 with "Outgoing_PB"
| replace Z2882 with "Outgoing_PB"
| replace Z2883 with "Outgoing_PB"
| replace Z197A with "Incoming_BIW"
| replace Z197E with "Incoming_BIW"
| replace Z197L with "Incoming_BIW"
| replace Z197H with "Outgoing_BIW"
| replace Z197D with "Outgoing_BIW"
```

```
| replace Z197I with "Outgoing_BIW"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_PB= $Token3$
| eval initial_fill_level_BIW= $Token_BIW$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_PB as Incoming_cumulative_PB
| accum Outgoing_PB as Outgoing_cumulative_PB
| accum Incoming_BIW as Incoming_cumulative_BIW
| accum Outgoing_BIW as Outgoing_cumulative_BIW
| eval fill_level_PB = initial_fill_level_PB + (Incoming_cumulative_PB -
Outgoing_cumulative_PB)
| eval fill_level_BIW = initial_fill_level_BIW + (Incoming_cumulative_BIW -
Outgoing_cumulative_BIW)
| eval fill_level_PB = if(fill_level_PB &lt; 0,0,fill_level_PB)
| eval fill_level_BIW = if(fill_level_BIW &lt; 0,0,fill_level_BIW)
| eval Fill_Level = fill_level_PB + fill_level_BIW
| stats latest(Fill_Level) as FL | eval Max_Capacity = 828, Percent = (FL/
Max_Capacity)*100 | table Percent</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$TimeRangePicker.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="colorBy">value</option>
      <option name="colorMode">block</option>
      <option name="drilldown">all</option>
      <option name="height">70</option>
      <option name="numberPrecision">0.00</option>
      <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
      <option name="rangeValues">[90]</option>
      <option name="refresh.display">progressbar</option>
      <option name="showSparkline">1</option>
      <option name="showTrendIndicator">1</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
      <option name="trendColorInterpretation">standard</option>
      <option name="trendDisplayMode">absolute</option>
      <option name="unit">%</option>
      <option name="unitPosition">after</option>
      <option name="useColors">1</option>
      <option name="useThousandSeparators">1</option>
      <drilldown>
        <unset token="show_panel"></unset>
```

```
          <set token="show_panel5">true</set>
          <unset token="show_panel1"></unset>
          <unset token="show_panel3"></unset>
          <unset token="show_panel4"></unset>
          <unset token="show_panel2"></unset>
          <unset token="show_panel6"></unset>
        </drilldown>
      </single>
    </panel>
    <panel>
      <title>White Body Lane Store</title>
      <single>
        <title>Utilization Percent</title>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl"
earliest=$TimeRangePicker.earliest$ latest=now ZPKT IN (Z1965,Z1966) | dedup
_raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z1965 with "Incoming"
| replace Z1966 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token4$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| stats latest(fill_level) as Fill_Level | eval Max_Capacity = 220, Percent =
(Fill_Level/Max_Capacity)*100 | table Percent</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$TimeRangePicker.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="colorBy">value</option>
        <option name="colorMode">block</option>
```

```
        <option name="drilldown">all</option>
        <option name="height">70</option>
        <option name="numberPrecision">0.00</option>
        <option name="rangeColors">["0x53a051","0xdc4e41"]</option>
        <option name="rangeValues">[90]</option>
        <option name="refresh.display">progressbar</option>
        <option name="showSparkline">1</option>
        <option name="showTrendIndicator">1</option>
        <option name="trellis.enabled">0</option>
        <option name="trellis.scales.shared">1</option>
        <option name="trellis.size">medium</option>
        <option name="trendColorInterpretation">standard</option>
        <option name="trendDisplayMode">absolute</option>
        <option name="unit">%</option>
        <option name="unitPosition">after</option>
        <option name="useColors">1</option>
        <option name="useThousandSeparators">1</option>
        <drilldown>
          <unset token="show_panel"></unset>
          <set token="show_panel3">true</set>
          <unset token="show_panel1"></unset>
          <unset token="show_panel2"></unset>
          <unset token="show_panel4"></unset>
          <unset token="show_panel5"></unset>
          <unset token="show_panel6"></unset>
        </drilldown>
      </single>
    </panel>
  </row>
  <row>
    <panel depends="$alwaysHideCSS$">
      <table>
        <title>Central Stacker</title>
        <search>
          <done>
            <set token="Token1">$result.fill_level$</set>
          </done>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z1906,Z2905,Z1916) earliest= "$IFLTP.earliest$" latest=now
| dedup _raw
| eval timeloct =  relative_time(now(),"$TimeRangePicker.earliest$")
| eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
| where DZ_ZPKT &amp;lt; start_time
```

```
| join N_KOBAU
    [ search index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z1908,Z2920,Z1918)
earliest= "$IFLTP.earliest$" latest=now
    | dedup _raw
    | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
    | where DZ_ZPKT &gt; start_time]
    | eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$"  == "*", MODEL, "$chassisC$" )
| where MODEL = CC
| stats count as fill_level</query>
          <earliest>$IFLTP.earliest$</earliest>
          <latest>$IFLTP.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="count">100</option>
        <option name="dataOverlayMode">none</option>
        <option name="drilldown">none</option>
        <option name="percentagesRow">false</option>
        <option name="refresh.display">progressbar</option>
        <option name="rowNumbers">false</option>
        <option name="totalsRow">false</option>
        <option name="wrap">true</option>
      </table>
    </panel>
    <panel depends="$alwaysHideCSS$">
      <table>
        <title>PB Stacker I/II</title>
        <search>
          <done>
            <set token="Token2">$result.fill_level$</set>
          </done>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z2510,Z2540)
earliest= "$IFLTP.earliest$" latest=now
| dedup _raw
    | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
```

```
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
| where DZ_ZPKT &amp;lt; start_time
| join N_KOBAU
    [ search index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z2520,Z2550,Z2516)
earliest= "$IFLTP.earliest$" latest=now
| dedup _raw
    | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
    | where DZ_ZPKT &amp;gt; start_time]
    | eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$"  == "*", MODEL, "$chassisC$" )
| where MODEL = CC
| stats count as fill_level</query>
          <earliest>$IFLTP.earliest$</earliest>
          <latest>$IFLTP.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="count">100</option>
        <option name="dataOverlayMode">none</option>
        <option name="drilldown">none</option>
        <option name="percentagesRow">false</option>
        <option name="refresh.display">progressbar</option>
        <option name="rowNumbers">false</option>
        <option name="totalsRow">false</option>
        <option name="wrap">true</option>
      </table>
    </panel>
    <panel depends="$alwaysHideCSS$">
      <table>
        <title>Stacker west</title>
        <search>
          <done>
            <set token="Token3">$result.fill_level$</set>
          </done>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z280A,Z280E,Z280I) earliest= "$IFLTP.earliest$" latest=now
```

```
| dedup _raw
    | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
| where DZ_ZPKT &lt; start_time
| join N_KOBAU
    [ search index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z280D,Z280H,Z280L,Z2881,Z2882,Z2883) earliest= "$IFLTP.earliest$"
latest=now
| dedup _raw
        | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
    | where DZ_ZPKT &gt; start_time]
 | eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$"  == "*", MODEL, "$chassisC$" )
| where MODEL = CC
| stats count as fill_level</query>
          <earliest>$IFLTP.earliest$</earliest>
          <latest>$IFLTP.latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option name="count">100</option>
        <option name="dataOverlayMode">none</option>
        <option name="drilldown">none</option>
        <option name="percentagesRow">false</option>
        <option name="refresh.display">progressbar</option>
        <option name="rowNumbers">false</option>
        <option name="totalsRow">false</option>
        <option name="wrap">true</option>
      </table>
    </panel>
    <panel depends="$alwaysHideCSS$">
      <table>
        <title>White Bode Lane Store</title>
        <search>
          <done>
            <set token="Token4">$result.fill_level$</set>
```

```
        </done>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z1965) earliest=
"$IFLTP.earliest$" latest=now
| dedup _raw
|  eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
| eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
| where DZ_ZPKT &lt; start_time
| join N_KOBAU
   [ search index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z1966) earliest=
"$IFLTP.earliest$" latest=now
   | dedup _raw
   | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
   | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
   | where DZ_ZPKT &gt; start_time]
    | eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
   [ search index="oracletocelonis" source=CASES
   | table ID, MODEL, _time
   | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$"  == "*", MODEL, "$chassisC$" )
| where MODEL = CC
| stats count as fill_level</query>
        <earliest>$IFLTP.earliest$</earliest>
        <latest>$IFLTP.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="count">100</option>
      <option name="dataOverlayMode">none</option>
      <option name="drilldown">none</option>
      <option name="percentagesRow">false</option>
      <option name="refresh.display">progressbar</option>
      <option name="rowNumbers">false</option>
      <option name="totalsRow">false</option>
      <option name="wrap">true</option>
    </table>
  </panel>
  <panel depends="$alwaysHideCSS$">
    <title>HIDDEN PUSHBOARD - Stacker West Fill Level (PreProcess)</title>
    <table>
      <title>Stacker west</title>
```

```
      <search>
        <done>
          <set token="Token_BIW">$result.fill_level$</set>
        </done>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z197A,Z197E,Z197I,
Z197D,Z197H,Z197L) earliest= "$IFLTP.earliest$" latest=now
| dedup _raw
    | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
| where DZ_ZPKT &gt; start_time
| join N_KOBAU
    [ search index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z197A,Z197E,Z197I,Z197D,Z197H,Z197L) earliest= "$IFLTP.earliest$" latest=now
| dedup _raw
    | eval timeloct = relative_time(now(),"$TimeRangePicker.earliest$")
    | eval start_time = strftime(timeloct,"%Y%m%d%H%M%S")
    | where DZ_ZPKT &lt; start_time] | eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$"  == "*", MODEL, "$chassisC$" )
| where MODEL = CC
    | stats count as fill_level</query>
        <earliest>$IFLTP.earliest$</earliest>
        <latest>$IFLTP.latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option name="count">100</option>
      <option name="dataOverlayMode">none</option>
      <option name="drilldown">none</option>
      <option name="percentagesRow">false</option>
      <option name="refresh.display">progressbar</option>
      <option name="rowNumbers">false</option>
      <option name="totalsRow">false</option>
      <option name="wrap">true</option>
    </table>
  </panel>
 </row>
 <row>
```

```
    <panel depends="$show_panel$">
      <title>Central Stacker Analysis</title>
      <chart>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z1906,Z2905,Z1916,Z1908,Z2920,Z1918) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z1906 with "Incoming"
| replace Z2905 with "Incoming"
| replace Z1916 with "Incoming"
| replace Z1908 with "Outgoing"
| replace Z2920 with "Outgoing"
| replace Z1918 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token1$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| eval Max_Capacity = 193
| eval Target_Capacity = ($cap$/100)*Max_Capacity
| fields _time Outgoing fill_level Incoming Target_Capacity</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
option>
        <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
        <option name="charting.axisTitleX.visibility">visible</option>
        <option name="charting.axisTitleY.text">Units In/Out</option>
        <option name="charting.axisTitleY.visibility">visible</option>
        <option name="charting.axisTitleY2.text">Fill Level Units</option>
```

```
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.axisX.abbreviation">none</option>
      <option name="charting.axisX.scale">linear</option>
      <option name="charting.axisY.abbreviation">none</option>
      <option name="charting.axisY.scale">linear</option>
      <option name="charting.axisY2.abbreviation">none</option>
      <option name="charting.axisY2.enabled">1</option>
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option name="charting.chart.overlayFields">fill_level,Target_Capacity</
option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel1$">
   <title>PB Stacker I/II Analysis</title>
   <chart>
    <search>
     <query>index="ipsl_checkpoint" source="ipsl"  ZPKT IN
(Z2510,Z2540,Z2520,Z2550,Z2516) | dedup _raw
| eval ID=N_KOBAU
```

```
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
|replace Z2510 with "Incoming"
|replace Z2540 with "Incoming"
|replace Z2520 with "Outgoing"
|replace Z2550 with "Outgoing"
|replace Z2516 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token2$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| fields _time Outgoing fill_level Incoming
| eval Max_Capacity = 507
| eval Target_Capacity = ($cap$/100)*Max_Capacity
| fields _time Outgoing fill_level Incoming Target_Capacity</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
option>
        <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
        <option name="charting.axisTitleX.visibility">visible</option>
        <option name="charting.axisTitleY.text">Units In/Out</option>
        <option name="charting.axisTitleY.visibility">visible</option>
        <option name="charting.axisTitleY2.text">Fill Level Units</option>
        <option name="charting.axisTitleY2.visibility">visible</option>
        <option name="charting.axisX.abbreviation">none</option>
        <option name="charting.axisX.scale">linear</option>
        <option name="charting.axisY.abbreviation">none</option>
        <option name="charting.axisY.scale">linear</option>
        <option name="charting.axisY2.abbreviation">none</option>
        <option name="charting.axisY2.enabled">1</option>
```

```
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option name="charting.chart.overlayFields">fill_level,Target_Capacity</
option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel5$">
   <title>Stacker West Analysis</title>
   <chart>
    <search>
     <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883,Z197A,Z197E,Z1
97I,Z197D,Z197H,Z197L) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
  [ search index="oracletocelonis" source=CASES
  | table ID, MODEL, _time
  | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
```

```
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z280A with "Incoming_PB"
| replace Z280E with "Incoming_PB"
| replace Z280I with "Incoming_PB"
| replace Z280D with "Outgoing_PB"
| replace Z280H with "Outgoing_PB"
| replace Z280L with "Outgoing_PB"
| replace Z2881 with "Outgoing_PB"
| replace Z2882 with "Outgoing_PB"
| replace Z2883 with "Outgoing_PB"
| replace Z197A with "Incoming_BIW"
| replace Z197E with "Incoming_BIW"
| replace Z197L with "Incoming_BIW"
| replace Z197H with "Outgoing_BIW"
| replace Z197D with "Outgoing_BIW"
| replace Z197I with "Outgoing_BIW"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_PB= $Token3$
| eval initial_fill_level_BIW= $Token_BIW$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_PB as Incoming_cumulative_PB
| accum Outgoing_PB as Outgoing_cumulative_PB
| accum Incoming_BIW as Incoming_cumulative_BIW
| accum Outgoing_BIW as Outgoing_cumulative_BIW
| eval fill_level_PB = initial_fill_level_PB + (Incoming_cumulative_PB -
Outgoing_cumulative_PB)
| eval fill_level_BIW = initial_fill_level_BIW + (Incoming_cumulative_BIW -
Outgoing_cumulative_BIW)
| eval fill_level_PB = if(fill_level_PB &lt; 0,0,fill_level_PB)
| eval fill_level_BIW = if(fill_level_BIW &lt; 0,0,fill_level_BIW)
| eval Fill_Level = fill_level_PB + fill_level_BIW
| eval Max_Capacity = 828
| eval Target_Capacity = ($cap$/100)*Max_Capacity
| table _time, fill_level_PB, fill_level_BIW, Fill_Level, Incoming_PB, Incoming_BIW,
Outgoing_PB, Outgoing_BIW Target_Capacity</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
```

```
option>
      <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Units In/Out</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.text">Fill Level Units</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.axisX.abbreviation">none</option>
      <option name="charting.axisX.scale">linear</option>
      <option name="charting.axisY.abbreviation">none</option>
      <option name="charting.axisY.scale">linear</option>
      <option name="charting.axisY2.abbreviation">none</option>
      <option name="charting.axisY2.enabled">1</option>
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option
name="charting.chart.overlayFields">fill_level_BIW,Fill_Level,fill_level_PB,Target_Ca
pacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
 <row>
```

```
    <panel depends="$show_panel2$">
      <title>Stacker West PB Analysis</title>
      <chart>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z280A with "Incoming_PB"
| replace Z280E with "Incoming_PB"
| replace Z280I with "Incoming_PB"
| replace Z280D with "Outgoing_PB"
| replace Z280H with "Outgoing_PB"
| replace Z280L with "Outgoing_PB"
| replace Z2881 with "Outgoing_PB"
| replace Z2882 with "Outgoing_PB"
| replace Z2883 with "Outgoing_PB"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_PB= $Token3$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_PB as Incoming_cumulative_PB
| accum Outgoing_PB as Outgoing_cumulative_PB
| eval fill_level_PB = initial_fill_level_PB + (Incoming_cumulative_PB -
Outgoing_cumulative_PB)
| eval fill_level_PB = if(fill_level_PB &amp;lt; 0,0,fill_level_PB)
| eval Fill_Level = fill_level_PB
| table _time, Fill_Level, Incoming_PB, Outgoing_PB</query>
          <earliest>$TimeRangePicker.earliest$</earliest>
          <latest>$latest$</latest>
          <sampleRatio>1</sampleRatio>
        </search>
        <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
option>
        <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
```

```
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Units In/Out</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.text">Fill Level Units</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.axisX.abbreviation">none</option>
      <option name="charting.axisX.scale">linear</option>
      <option name="charting.axisY.abbreviation">none</option>
      <option name="charting.axisY.scale">linear</option>
      <option name="charting.axisY2.abbreviation">none</option>
      <option name="charting.axisY2.enabled">1</option>
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option
name="charting.chart.overlayFields">fill_level_BIW,Fill_Level,fill_level_PB,Target_Ca
pacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel6$">
   <title>Stacker West BIW Analysis ***UNDER CONSTRUCTION***</title>
```

```
    <chart>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z197A,Z197E,Z197I,Z197D,Z197H,Z197L) | dedup _raw
| eval ID=N_KOBAU
| eval ID=substr(ID,3,10)
| join ID type=left
   [ search index="oracletocelonis" source=CASES
   | table ID, MODEL, _time
   | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z197A with "Incoming_BIW"
| replace Z197E with "Incoming_BIW"
| replace Z197L with "Incoming_BIW"
| replace Z197H with "Outgoing_BIW"
| replace Z197D with "Outgoing_BIW"
| replace Z197I with "Outgoing_BIW"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level_BIW= $Token_BIW$
| fillnull Incoming | fillnull Outgoing
| accum Incoming_BIW as Incoming_cumulative_BIW
| accum Outgoing_BIW as Outgoing_cumulative_BIW
| eval fill_level_BIW = initial_fill_level_BIW + (Incoming_cumulative_BIW -
Outgoing_cumulative_BIW)
| eval fill_level_BIW = if(fill_level_BIW &lt; 0,0,fill_level_BIW)
| eval Fill_Level = fill_level_BIW
| table _time, Fill_Level, Incoming_BIW, Outgoing_BIW</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
option>
      <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Units In/Out</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.text">Fill Level Units</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
```

```
      <option name="charting.axisX.abbreviation">none</option>
      <option name="charting.axisX.scale">linear</option>
      <option name="charting.axisY.abbreviation">none</option>
      <option name="charting.axisY.scale">linear</option>
      <option name="charting.axisY2.abbreviation">none</option>
      <option name="charting.axisY2.enabled">1</option>
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option
name="charting.chart.overlayFields">fill_level_BIW,Fill_Level,fill_level_PB,Target_Ca
pacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel3$">
    <title>White Body Lane Store Analysis</title>
    <chart>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z1965,Z1966) |
dedup _raw
| eval ID=N_KOBAU
```

```
| eval ID=substr(ID,3,10)
| join ID type=left
    [ search index="oracletocelonis" source=CASES
    | table ID, MODEL, _time
    | dedup ID, MODEL]
| table ID, _time, MODEL, ZPKT
| fillnull value="No MODEL" MODEL
| eval CC= if("$chassisC$" == "*", MODEL, "$chassisC$")
| where MODEL = CC
| replace Z1965 with "Incoming"
| replace Z1966 with "Outgoing"
| timechart span=1$fre$ count(ZPKT) by ZPKT
| eval initial_fill_level= $Token4$ | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| eval Max_Capacity = 220
| eval Target_Capacity = ($cap$/100)*Max_Capacity
| fields _time Outgoing fill_level Incoming Target_Capacity</query>
        <earliest>$TimeRangePicker.earliest$</earliest>
        <latest>$latest$</latest>
        <sampleRatio>1</sampleRatio>
      </search>
      <option
name="charting.axisLabelsX.majorLabelStyle.overflowMode">ellipsisNone</
option>
      <option name="charting.axisLabelsX.majorLabelStyle.rotation">0</option>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Units In/Out</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.text">Fill Level Units</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.axisX.abbreviation">none</option>
      <option name="charting.axisX.scale">linear</option>
      <option name="charting.axisY.abbreviation">none</option>
      <option name="charting.axisY.scale">linear</option>
      <option name="charting.axisY2.abbreviation">none</option>
      <option name="charting.axisY2.enabled">1</option>
      <option name="charting.axisY2.scale">inherit</option>
      <option name="charting.chart">column</option>
      <option name="charting.chart.bubbleMaximumSize">50</option>
      <option name="charting.chart.bubbleMinimumSize">10</option>
```

```
      <option name="charting.chart.bubbleSizeBy">area</option>
      <option name="charting.chart.nullValueMode">gaps</option>
      <option name="charting.chart.overlayFields">fill_level,Target_Capacity</
option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.chart.sliceCollapsingThreshold">0.01</option>
      <option name="charting.chart.stackMode">default</option>
      <option name="charting.chart.style">shiny</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.layout.splitSeries.allowIndependentYRanges">0</
option>
      <option name="charting.legend.labelStyle.overflowMode">ellipsisMiddle</
option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="charting.lineWidth">2</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">medium</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel$">
    <title>$FH$ Hour Central Stacker Fill Level Prediction</title>
    <chart>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z1906,Z2905,Z1916,Z1908,Z2920,Z1918) | dedup _raw
| replace Z1906 with "Incoming"
| replace Z2905 with "Incoming"
| replace Z1916 with "Incoming"
| replace Z1908 with "Outgoing"
| replace Z2920 with "Outgoing"
| replace Z1918 with "Outgoing"
| timechart span=1h count(ZPKT) by ZPKT
| eval initial_fill_level= 130 | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &amp;gt;0, fill_level, fill_level&amp;lt;=0, 0)
```

```
| fields _time fill_level | predict "fill_level" as prediction algorithm=LLP holdback=0
future_timespan=$FH$ upper30=upper30 lower30=lower30 | `forecastviz($FH$,
0, "fill_level", 30)`| where _time&gt;relative_time(now(), "-10d")</query>
        <earliest>1611410741</earliest>
        <latest>now</latest>
      </search>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Fill Level</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.chart">line</option>
      <option name="charting.chart.overlayFields">Target_Capacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">large</option>
      <option name="charting.fieldColors">{"fill_level": 0xFF0000, "prediction":
0xFF9900}</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel1$">
   <title>$FH$ Hour Paint Stacker l/ll Fill Level Prediction</title>
   <chart>
    <search>
     <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z2510,Z2540,Z2520,Z2550,Z2516) | dedup _raw
|replace Z2510 with "Incoming"
|replace Z2540 with "Incoming"
|replace Z2520 with "Outgoing"
|replace Z2550 with "Outgoing"
|replace Z2516 with "Outgoing"
| timechart span=1h count(ZPKT) by ZPKT
| eval initial_fill_level= 139 | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
```

```
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| fields _time fill_level | predict "fill_level" as prediction algorithm=LLP holdback=0
future_timespan=$FH$ upper30=upper30 lower30=lower30 | `forecastviz($FH$,
0, "fill_level", 30)`| where _time&gt;relative_time(now(), "-10d")</query>
        <earliest>1611410741</earliest>
        <latest>now</latest>
      </search>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Fill Level</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.chart">line</option>
      <option name="charting.chart.overlayFields">Target_Capacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">large</option>
      <option name="charting.fieldColors">{"fill_level": 0xFF0000, "prediction":
0xFF9900}</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel2$">
    <title>$FH$ Hour Stacker West PB Fill Level Prediction</title>
    <chart>
      <search>
        <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883) | dedup _raw
| replace Z280A with "Incoming"
| replace Z280E with "Incoming"
| replace Z280I with "Incoming"
| replace Z280D with "Outgoing"
| replace Z280H with "Outgoing"
| replace Z280L with "Outgoing"
| replace Z2881 with "Outgoing"
| replace Z2882 with "Outgoing"
| replace Z2883 with "Outgoing"
```

```
| timechart span=1h count(ZPKT) by ZPKT
| eval initial_fill_level= 139 | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| fields _time fill_level | predict "fill_level" as prediction algorithm=LLP holdback=0
future_timespan=$FH$ upper30=upper30 lower30=lower30 | `forecastviz($FH$,
0, "fill_level", 30)`| where _time&gt;relative_time(now(), "-10d")</query>
        <earliest>1611410741</earliest>
        <latest>now</latest>
      </search>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Fill Level</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.chart">line</option>
      <option name="charting.chart.overlayFields">Target_Capacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">large</option>
      <option name="charting.fieldColors">{"fill_level": 0xFF0000, "prediction":
0xFF9900}</option>
    </chart>
  </panel>
 </row>
 <row>
  <panel depends="$show_panel5$">
   <title>$FH$ Hour Stacker West Fill Level Prediction</title>
   <chart>
    <search>
     <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN
(Z280A,Z280E,Z280I,Z280D,Z280H,Z280L,Z2881,Z2882,Z2883,Z197A,Z197E,Z1
97I,Z197D,Z197H,Z197L) | dedup _raw
| replace Z280A with "Incoming"
| replace Z280E with "Incoming"
| replace Z280I with "Incoming"
```

```
| replace Z280D with "Outgoing"
| replace Z280H with "Outgoing"
| replace Z280L with "Outgoing"
| replace Z2881 with "Outgoing"
| replace Z2882 with "Outgoing"
| replace Z2883 with "Outgoing"
| replace Z197A with "Incoming"
| replace Z197E with "Incoming"
| replace Z197L with "Incoming"
| replace Z197H with "Outgoing"
| replace Z197D with "Outgoing"
| replace Z197I with "Outgoing"
| timechart span=1h count(ZPKT) by ZPKT
| eval initial_fill_level= 360 | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| fields _time fill_level | predict "fill_level" as prediction algorithm=LLP holdback=0
future_timespan=$FH$ upper30=upper30 lower30=lower30 | `forecastviz($FH$,
0, "fill_level", 30)`| where _time&gt;relative_time(now(), "-10d")</query>
        <earliest>1611410741</earliest>
        <latest>now</latest>
      </search>
      <option name="charting.axisTitleX.visibility">visible</option>
      <option name="charting.axisTitleY.text">Fill Level</option>
      <option name="charting.axisTitleY.visibility">visible</option>
      <option name="charting.axisTitleY2.visibility">visible</option>
      <option name="charting.chart">line</option>
      <option name="charting.chart.overlayFields">Target_Capacity</option>
      <option name="charting.chart.showDataLabels">none</option>
      <option name="charting.drilldown">none</option>
      <option name="charting.layout.splitSeries">0</option>
      <option name="charting.legend.mode">standard</option>
      <option name="charting.legend.placement">right</option>
      <option name="refresh.display">progressbar</option>
      <option name="trellis.enabled">0</option>
      <option name="trellis.scales.shared">1</option>
      <option name="trellis.size">large</option>
      <option name="charting.fieldColors">{"fill_level": 0xFF0000, "prediction":
0xFF9900}</option>
    </chart>
  </panel>
```

```
  </row>
  <row>
    <panel depends="$show_panel3$">
      <title>$FH$ Hour White Body Lane Store Fill Level Prediction</title>
      <chart>
        <search>
          <query>index="ipsl_checkpoint" source="ipsl" ZPKT IN (Z1965,Z1966) |
dedup _raw
| replace Z1965 with "Incoming"
| replace Z1966 with "Outgoing"
| timechart span=1h count(ZPKT) by ZPKT
| eval initial_fill_level= 185 | fillnull Incoming | fillnull Outgoing
| accum Incoming as Incoming_cumulative
| accum Outgoing as Outgoing_cumulative
| eval fill_level = initial_fill_level + (Incoming_cumulative - Outgoing_cumulative)
| eval fill_level = case(fill_level &gt;0, fill_level, fill_level&lt;=0, 0)
| fields _time fill_level | predict "fill_level" as prediction algorithm=LLP holdback=0
future_timespan=$FH$ upper30=upper30 lower30=lower30 | `forecastviz($FH$,
0, "fill_level", 30)`| where _time&gt;relative_time(now(), "-10d")</query>
          <earliest>1611410741</earliest>
          <latest>now</latest>
        </search>
        <option name="charting.axisTitleX.visibility">visible</option>
        <option name="charting.axisTitleY.text">Fill Level</option>
        <option name="charting.axisTitleY.visibility">visible</option>
        <option name="charting.axisTitleY2.visibility">visible</option>
        <option name="charting.chart">line</option>
        <option name="charting.chart.overlayFields">Target_Capacity</option>
        <option name="charting.chart.showDataLabels">none</option>
        <option name="charting.drilldown">none</option>
        <option name="charting.layout.splitSeries">0</option>
        <option name="charting.legend.mode">standard</option>
        <option name="charting.legend.placement">right</option>
        <option name="refresh.display">progressbar</option>
        <option name="trellis.enabled">0</option>
        <option name="trellis.scales.shared">1</option>
        <option name="trellis.size">large</option>
        <option name="charting.fieldColors">{"fill_level": 0xFF0000, "prediction":
0xFF9900}</option>
      </chart>
    </panel>
  </row>
</form>
```