# Harvest Billing System

## MR18 Summary of Functionality

## May 19, 2009

The main focus of this Maintenance Release is:

1. Queries
2. Scale Returns
3. Scale Control
4. Maintenance

The following is a list of the fixes included in HBS Release 18:

| Function/Subsystem | Summary |
|---|---|
| **Queries**<br><br>Mark Monthly Billing & Mark Monthly Scaling History reports | Mark Monthly Billing and Mark Monthly Scaling Selection screens (P431/P441) have been modified. These modifications are:<br>• The exclusion options checkboxes have been removed (Exclude Firmwood Reject and Exclude Waste\Residue). The Firmwood Rejects option has been moved to the Grade dropdown list. There is a new Billing Type field with the default of 'All'. The Exclude Waste/Residue option has been moved to this dropdown list.<br>• The Generate XML button has been replaced with a Send XML button.<br>• The XML schema definitions (XSD) for the XML download versions of the Mark Monthly Billing History and the Mark Monthly Scaling History extract have been improved. |
| **Scale returns** | In order to prevent corruption of Scale Data, HBS has been modified to trap attempts to update scale returns from 'stale' screens. Users will be directed to the Search for a Single Detail Scale Returns (P048) with the message of 'Your attempted update action is invalid, possibly after having used the browser "Back" button. Please restart your Detail query' displayed. |
| **Scale Returns**<br><br>Search for a Single Detail Scale Return | On the Search For a Single Detail Scale Return screen (P048), when the 'Too Many Records' message is displayed, HBS now displays a list of the DDN's. Each DDN is a link to the Scale Return screen The screen also identifies the number of documents found and additional information to help user distinguish between the scale returns. |

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| **Scale Returns** | Improved sample tally / weigh slip mismatch edit errors. Error message '*MM02 – Matching weigh slip found for this local sample tally, but event type, mark, PSY or weight differ'* is replaced by:<br>• MM21 - Matching weigh slip found for this local sample tally, but event types differ.<br>• MM22 - Matching weigh slip found for this local sample tally, but populations differ.<br>• MM23 - Matching weigh slip found for this local sample tally, but sampling years differ.<br>• MM24 - Matching weigh slip found for this local sample tally, but stratums differ.<br>• MM25 - Matching weigh slip found for this local sample tally, but timber marks differ.<br>• MM26 - Matching weigh slip found for this local sample tally, but weights differ.<br>Error message '*MM04 – Matching weigh slip found for this remote sample tally, but event type, mark PSY, weight or scale sites differ'* is replaced by:<br>• MM41 - Matching weigh slip found for this remote sample tally, but event types differ.<br>• MM42 - Matching weigh slip found for this remote sample tally, but populations differ.<br>• MM43 - Matching weigh slip found for this remote sample tally, but sampling years differ.<br>• MM44 - Matching weigh slip found for this remote sample tally, but stratums differ.<br>• MM45 - Matching weigh slip found for this remote sample tally, but timber marks differ.<br>• MM46 - Matching weigh slip found for this remote sample tally, but weights differ.<br>New miss-matched errors for Sample Returns:<br>• MM11 - More than one matching weigh slip found for this local sample tally at this site.<br>• MM13 - More than one matching weigh slip found for this remote sample tally at originating site. |

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| **Scale Control**<br><br>Anomalies – Samples without matching Weigh Slips | The running of the Samples without matching Weigh Slips batch job (B1943) has been discontinued and the option to run this anomaly has been removed from the Anomaly Type dropdown list on the Search for Scale Event Anomalies (P911). All references to the Samples without matching Weigh Slip anomalies on all HBS screens and reports have been removed. These anomalies will have already been flagged by HBS as miss-matched series errors on the detail scale return. |
| **Scale Control**<br><br>Search for Cut Block Departures | Enhancements to the Search for Cut Block Departures (P971) screen, List (P972) screen and Report (R972).<br><br>Modifications are:<br>• Link on Scale Control menu (P900) has been renamed Search for Timber Transport Events<br>• Title of screen P971 is now Search for Timber Transport<br>• The ability to search by: Cut Block Departures, Departures To Other Sites, Arrivals From Other Sites or Intra-Site Events with enhanced filtering options<br>• Increased number of data columns on the List screen(P972) and Report (P972)<br>• The ability to request search results in XML format. |
| **Queries**<br><br>Mark Monthly Scaling History Report – XML Collection | When a scale site is entered as part of the input criteria for the Mark Monthly Scaling History report, the query is now filtering correctly when the 'Generate XML Collection' button is selected. Previously the resulting XML report included data for all scale sites in the scaling date range. |
| **Queries**<br><br>Mark Monthly Billing & Mark Monthly Scaling History reports | The Mark Monthly Billing (P431) and Mark Monthly Scaling History (P441) reports have been repaired to convert data entered in the Mgmt Unit ID text box to upper case, because all values for Mgmt Unit Type Code and for Mgmt Unit ID in the Forest Mgmt Unit table are upper case. |

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| **Scale Returns**<br><br>Re-Edit button | HBS was revised so the scope of the Re-Edit button includes detail scale returns with an NTI status. A re-edited NTI return could remain in NTI, or move to ERR or RDY. |
| **Scale Returns** | HBS was repaired so a detail scale return's status cannot advance to NTI when it has errors. |
| **Scale Returns** | HBS was modified to treat detail scale returns for timber marks, flagged as "Area Based" in FTA, in the same fashion as detail scale returns for timber marks flagged as "Cruise Based" or "Cash Sale", that is, as non-billable. |
| **Scale Returns** | On all scale return screens, the 'Tabbing' behaviour, the position of the action buttons, the object that has the default focus and default action for Enter Key has been standardized. |
| **Scale Returns**<br><br>Waste Rating | HBS has been repaired so that it does not raise error SD15 (no waste rates) for a waste summary return for which all segregations are unavoidable and for which no avoidable rates are provided. |
| **Scale Returns**<br><br>Weigh Slips | The display of Pop/Strat/Year on Weigh Slips for billable marks on billable events has been repaired. |
| **Access**<br><br>Public HBS site | The Public HBS site has been repaired so that when a public user clicks on the URL in an email received from HBS (that provides a link to a report or file the user had requested), the system does not throw a System Error. |

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| **Scale Control**<br><br>List of Late Submissions | The List of Late Submissions screen, P902, was enhanced to provide the capability to download an XML file of the result set. |
| **Scale Control**<br><br>Anomaly Searches | An enhancement was implemented to remove a redundant step when performing searches from the Search for Scale Event Anomalies (P911). This should reduce the time taken to display the selected list of anomalies. |
| **Change Log** | HBS was modified to stop logging duplicate entries in the scale return audit log (*Change Log*). A datafix was performed to remove duplicate entries from the HBS Audit logs |
| **Batch Processing**<br><br>Document Delivery | The Document Delivery batch job (B2065) has been optimized to improved processing time |
| **Batch Processing**<br><br>B2031/B2041<br><br>4552 | Batch processes B2031 and B2041 were modified, so that, for Cancels of Log Tallies and Weigh Slips, the Txn_Seg_ID column in the detail seg tables are populated to reference its parent in the detail scale Txn segregation tables. |
| **Maintenance**<br><br>Screen Display | Screen number of the 'Multiple Invoice Selection – until October 31,2003' was changed from P456 to P416, so that it no longer conflicts with Screen P456, List of Piece Scale Volume Statements. |
| **Maintenance**<br><br>Screen Display<br><br>13916 | Screen numbers of the Weight Scale Summary list screen was changed to P101 and the screen number of the Sample Scale Summary list screen was changed to P151 so they no longer conflict with the Piece Scale Summary list screen (P051). Also, the date format on several screens were repaired to align them with all other date fields in HBS. |

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| **Maintenance**<br>External System<br>14356 | HBS was modified to accommodate changes made in the new Scale Control System. |
| **Maintenance**<br>Infrastructure | Develop and implement changes required for the SSL conversion mandated by technical services. |