



FACTS™ Enhancements from Version 10.4 to 10.5.1

January 2009

Version 10.5.1

It is with great pride that Carrier Logistics provides you with this list of the more important enhancements that have been added to our core application and available modules. Over one hundred and fifty of the thousands of system changes have been selected by CLI's staff for this document. In addition to these enhancements, 10.5.1 adds very important GUI modules, including dispatch. If you haven't done so already, please contact our MIS department to schedule your upgrade as soon as possible to take full advantage of what 10.5.1 has to offer. Remember, that upgrades to your primary server are covered under your annual support and maintenance except for work which must be done during non-business hours and over a weekend.

If you have any questions regarding any of the modifications listed in this document, please contact our helpdesk at helpdesk@carrierlogistics.com.

Accounts Payable

- Modified ap.tra #56 to allow the creation of an Excel file for emailing.
- Made enhancements to auto-split payables based on entities/terminals. (Ap.maint # 12)
- Under mask field maintenance and payables entry - AP.TRA # 1 - if a mask exists, a second screen with more options is presented.
- Added a new option to ap.rep # 50 to sort by name and have the vendor name field changed to description.

Accounts Receivable

- Added functionality to write-off receivables by statement number. (bs.sysadm #31)
- Added a new A/R Customer Report (BS.MNFRPTS # 55 and F5) that lists customers on a Specific Statement Run (Freq MSWDO) and made the report downloadable to Excel.
- If Statement Application "skips" a Probill on the Statement, the system will create a record in the paid short Cash Journal and AR-OPEN-TR reflecting a Zero Payment.

- Added a parameter p-exclnote in AR part pay, W/O, past due report (BS.REP2 # 48) to exclude a note.
- Created a new report (ar.report #34) that looks at all adjustments done within a certain date range (bs.ar # 8 and Adjustments to Posted Pros - bs.ar #10) for a specific pro date range.
- Added the Interline Carrier Pro number and Carrier SCAC code to BS.AGE #53 report to help customers who frequently have only that information for reference.
- Created a new program - ar.cust #30 - to allow users to export active customer's information to Excel and email it. When ar.cust #30 is run, the word "excel" needs to be entered in the parameter "Report Output:".
- Added an aging category for over 120 days to the A/R aging Report-Summary - bs.age menu # 50. Requires minimum set-up to utilize.
- Enhanced AR Notes Accessibility -ar/arnote.p- so that when a note is entered into the AR Customer Notes, the entry does not skip a line, mix in with 'old' notes nor change the date on the line that has 'skipped'.
- Modified report - bs.age #50 - A/R Aging Report - Summary to print to Excel. (GUI only)
- In the Statement Numbering program, added a parameter for minimum revenue on a statement. If the statement total is less than that minimum, then that customer is not reported.
- Modified Statement write-off (bs.sysadm #31) to work by entity in General Ledger.
- Modified Statement Write Off -bs.sysadm #31- to work by entity in GL and to write off receivables by statement number.

Billing

- Enhanced program to automatically add a Saturday or Sunday surcharge if shipment is picked up or delivered on the weekend. Requires that keywords be set-up.
- Enhanced Freight Bill Entry to allow for Time-based billing (based on number of hours). A keyword may now be used with Unit of Measures 'H' and decimal-based hours imbedded in the Keyword name. Also Class Codes can now be setup where Class Code equals the number of hours and the Class Type equals 'T'.
- Increased the Freight Bill BOL field to 23 alpha/numeric characters.
- Created a Freight Bill option to allow prompting of bill-to customer before Shipper and Consignee.
- Added ability to select operational customers linked to the bill-to customer from within Freight Bill Entry Shipper and Consignee boxes. (Requires prompting of Bill-To first).
- Enhanced Freight Bill Entry to allow updating of Hazardous Material description lines (bs.op #1).
- Added a method of exempting customers from extra charge notification program. Uses the keyword exception "NONOTIFY". (bs.ops #61).
- Enhanced billing to have APPT lines on probills created from masks to show on the appointment needed report.

- Modified bs.manifest # 11 - administrative manifest - to allow user to modify the manifest date.
- Made a modification to the reweigh report bs.rep3 #86 so report only shows original probills and not adjusted pros.
- Added the parameter "Stats Cust No" in a new version of - bs.rep2 #9 Service performance by day".
- Integrated Rand McNally's MileMaker and PC Miler web-based version into FACTS as another option to PCMiler. (GUI only)
- Enhanced Freight Bill Entry F6-Dimensions box so if you press ENTER on a SCANNED Dimension Line, the Scan Type, Scan Date and Scan Time will also display along with the Barcode number.
- Enhanced the Rate Calculator for mileage rating to show mileage (if applicable). Allow for rating of multiple freight lines based on mileage.(GUI only)
- Enhanced the statement to show the account number and bill-to address that is found on the master probill consolidation (bs.op #82).
- Added "Scan Weight" to "Billing Profile by Customer" to display when customer is Scan Weight (Dim Wgt) Exempt. Can work up to a specific Dimensional Weight.
- If the Freight Bill Consignee is tagged as Residential, a Residential Surcharge can be automatically applied to the freight bill. Also added integration of US Postal Service ZP4 software.
- Modified the statement- bs.ops #82 to contain the account number and bill to address found on the master pro.
- Enhanced bs.cust #51 to allow user to change the reason (correction-code) to a probill placed on hold.
- Added a system control for which a keyword can push the description from probill line item into delivery driver note. Default is INST.
- Added a residential field to A/R Customer Maintenance. A residential surcharge can automatically be added to a Freight Bill if the Consignee is deemed 'residential'. (GUI only)
- Added the ability to assign overriding Cube Factor rules at the AR Customer level. (GUI only)

Broker

- Added the ability to display appointment times for stop offs on Brokerage Rate Agreements.

Customer Service

- Changed OS&D over and short entry and update (clm.3 & 4) to allow for damages. Uses F8 to enter notes which will appear against a probill whenever F5 is selected in BS.TRACE.
- Added tracing options - Shipper and Consignee Country, Telephone and Contact Name - to Freight Bill Tracing and Update.
- Added "Trace by stopoffs" to freight bill tracing
- Enhanced the tracing screen to show the planned delivery route.

- Modified Freight Bill Tracing and Bill Recap posting error checking routines to ignore *BSPL2* message for No-Charge Pros.
- Added the ability to view zones & delivery days on tracing screen.
- Added an enhancement to BS.TRACE # 58 to allow tracing by stop-offs. Users have an area to enter a date and time on each stop off so that carriers know when they are expected to deliver.
- Added a search option on delivery driver in pod entry - bs.op #11.
- Added extra fields a) Company (b) Service Level (c) Dest C/L (d) POD/Status Driver and (e)Trailer to an Excel version of missing document report.
- Added the ability for a special keyword (system defined) to over-ride the normal service date calculation.

Dock Management

- Added the ability to move an already loaded shipment off a trailer back to the dock floor or onto another trailer with a compatible destination directly from the handheld device.
- Added a column on the reweigh report that will show the destination / lane for each shipment. This enhances the report especially when exporting to Excel making destination sorting and lane/weight calculations easier.
- Added additional error checking and logging to the "Tracked Before Entered" program (dk.sysadm #3).
- Improved the "Tracked Before Entered" program (dk.sysadm #3) to prevent hung batch jobs so if running in batch mode (CRON or Windows Scheduler) any locked record encountered will be skipped during that run.
- Adjusted all dock programs to record times from the main terminal's default time zone.
- When scanning on the dock it is now possible to store the system's probill number and not just the actual barcode label scanned on the dock floor.
- Added a companywide flag to allow reclassified freight to be placed on hold. It is now possible to reweigh and re-dim shipments from a menu option on the handheld. A work assignment is no longer required.
- The original declared weight known by the dock will always be used to compare any new reweighs. This function is limited to the dock operations. Bill Entry retains the ability to override the shipment weight.
- Added the ability for Dock and Lane Managers to review all possible stop off destination terminals for a specific traffic lane.
- Added a keyword to push the description from the probill line item into a delivery driver note.
- Added a code "LC" under trailer status on delivery planning screen if the freight is local.
- Added a re-sequencer to route balancing in CHUI to refresh a new sequence for deliveries after they have been changed.
- Added a hotkey "F7" to inbound route planning to make it more convenient to "download" shipments via a hot key on the routing screen.

- Added a keyword to push the description from the probill line item into a delivery driver note.
- Made a change to the Delete Deliveries program to reinstate stops in history.

EDI

- Enhanced bs.ediin #4 –Load EDI 211 File- to permit the automatic creation of BOLS from a flat file.
- EDI 990 accept/decline records are now created from the preload program. The user MUST have the EDI partner setup for 990s (GF).
- For EDI 210's, modified the program to allow an update of Connecting Line number.

General Ledger

- Split IAP or Trip cost between Freight and FSC - Accounting also for IAP and Linehaul payables.

Interline Accounts Payable

- Made a change for IAP calculations that enhanced the probill carrier costs on a probill to show full details including the C/L charge breakdown.
- Enhanced bs.ap #81 to accommodate the scenario that if an adjustment is made outside the business rules, a memo must be completed before the adjustment can be completed.
- Added parameters to Interline Activity report (bs.ana #23) to allow a user to separate FSC from Freight Charges in Bill Entry from a GL point of view.
- Enhanced the manifest cost report (BS.MNFREP #7) to include IAP drive costs.
- Modified the program to allocate IAP or Trip cost between Freight and FSC - Accounting also. FSC GL is specified by business type.
- Delivered a revised version of bs.ap # 55 to allow for payment to be set-up by two users at the same time. Adjusted the sequence of the export so that each carrier's voucher is grouped together and not intertwined with other vouchers in the same file.
- Created a new program - bs.ap #43 - to print the details of the entity and revenue associated with each invoice on a particular statement.

Mobility

- Developed a CLI interface to the Peoplenet Mobility System.
- Developed a CLI interface to Shaw Tracking Mobility System.
- Added logic to allow the re-routing of stop based on the result code setup. The system will confirm the original stop with 0 pieces and 0 weight and then create a new stop for that same pickup with a new stop number on the same route in un-dispatched status.
- Allow up to 999 deliveries on a mobile data route operation.

Dispatch

- Added the ability to setup an automatic "Attempted Delivery" Accessorial Charge if the POD/Result Code is also "Attempted Delivery". The POD Status Result code list and Keyword are defined by internal system control switches.
- Enhanced F5-Carrier Lookup to search for Carrier by Name, SCAC or MC#.
- Added functionality to automatically schedule regular pickups for the day immediately before or after a holiday. The option is set on the operational customer profile on a case by case basis. (GUI only)
- Add features to optionally number all types of manifests.
- Enhanced Driver check-in programs to allow all breaks to be lumped in with lunch, for a total down time of 3 digits in length.
- Defaulted maintenance file ib.maint2 #62 to PU1.
- Added a Status Code to Carrier Maintenance file so a user can make a Carrier Status Permanent, Temporary or Inactive PODS
- Modified the administrative manifest - bs.manifest # 11 -to allow the manifest date to be changed
- Made a change to allow the user to blank out the tractor (power), driver name, number and trailer number in Route info "R" option in dispatch control.
- In Call logging, added alias names to the lookup when searching by name.
- Made a change so that Tractor number is taken from Tractor listed in Driver File. If no Tractor in found for that Driver in the Driver File, the system will use the Tractor from the Route Maintenance File for that Route.
- Combined Hot Sheet and Authorization reports to display the shipper name, pieces, weight, delivery date, delivery time, notes and driver's name.
- For additional flexibility, added an option to skip the creation of delivery stops.
- Added additional parameters to the Trips in Hold Status Report on hw.trphist menu # 52.
- Added SCAC code field to Linehaul Manifest- (bs.manifest#65-Carrier Manifest).

Quotes

- Added a system control to allow "no charge" quotes to be issued.

Rating

- Enhanced the Rating Engine to check 1 to 499 pound (L5C) minimum when pricing 500 to 999 pound weight break (5C) and 1000 to 1999 pound weight break (1M).
- Enhanced Accessorials to be able to price based on Miles, Hours or Per-Hundred-Weight.

- Added a Mileage Software maintenance program (bs.maint2 #3) which must be maintained by CLI. (GUI only)
- Added FSC Region and FSC Effective Day to FSC Matrix program. (GUI only)
- Pallet Rates are now supported in Carrier Rating / Carrier Rate Tables. (GUI only)
- Added an Effective Date parameter to the Rate Table Purge program - (bs.rateutil #3). (GUI only)
- Made the Rate Table Export program downloadable to Excel. (GUI only)
- Developed a Progressive Pallet Rating Rate Type where you may create a Rate Table based on a base charge plus an increment thereafter.
- Made an enhancement to allow for the importation of rates into an existing Rate Table, providing that the Rate base numbers and weight breaks are the same for the lanes (origin to dest) and that the rates are of a newer effective date than the existing ones. ** When the rates are imported the old rates will auto expire one day before the new rates go into effect.
- Reversible Lane Exception logic now looks at groups/states, not just zip codes.
- A Financial Consolidation enhancement was made to allow the user to define post Freight Bill Entry (pre Invoicing) consolidation rules based on a number of freight bill data fields. The user creates Consolidation Rules via a Billing Maintenance Menu and can assign an A/R Customer to one of these Consolidation Rules. Prior to the Invoicing run, the user would run the Auto Consolidate and Close function –autoclscns.
- Added the ability to change due dates of posted probills.
- Enhanced Customer Keyword Exceptions by adding an FSC field. This allows the customization of what Accessorials, FSC is based on. (GUI only)
- Created a report - bs.ratereport #16- to look at all Customer Rate Profiles (setup from Customer Maintenance, option F8-Rate Profiles) with the Service Type and show all the customers and applicable rates based on prompted Origin and Destination Rate zones.
- Modified Interline Rate Check Report- bs.rep3 #15 - to report unrated pros by carrier.
- Added a "residential" field to A/R Customer Maintenance to permit a residential surcharge to be automatically added to a Freight Bill if applicable.
- Enhanced the Rate Calculator to allow for mileage rating if applicable.
- Modified bs.ratemaint #14 to allow a user to update the group name.
- Changed FSC matrix in BS.Ratem # 15 to allow a zero FSC amount.
- Developed the ability to assign overriding Cube Factor rules at the AR Customer level. (GUI only)
- Created a rate table utility - bs.rateutility #11- to allow the copying of existing Rate Table Codes (RTC) lane exceptions to new RTC Lane exceptions where the RTC is different. The hold RTC Lane Exceptions are automatically expired. This is helpful for customers who have general rate

increases and need to transfer old RTC Lane Exceptions to the new default Rate Table.

Reports

- Added stop notes to the Excel version of the missed pickup report.
- Changed the report ob.disp #40 Dispatch Pick-ups to agents to list queued dispatches by user and to limit which are dispatched to the ones created by that user.
- Created a new report to allocate revenue between the different driver types - dp.report #1 for driver settlements.
- Made dozens of reports downloadable to Excel. See the last page of this document for a complete list.

Security

- Updated CHUI Security to allow all functions to be checked when you log in and keep them in a temp table while running.
- Converted the Menu Security Report to run natively in Excel.
- Enhanced the purge program by adding a parameter to "Create History" in the purge process which allows the system to "block" off purged probills to ensure the pronumbers won't be re-used.

SMC3 Rating

- Developed an SMC RateWare Web Service to extract Rates directly from SMC's internal database. In Rate Table Maintenance, the Rate Type should be RWXL -bs.rateutility #15-(GUI only)

TCG Costing

- Added logic to search customer density from the TCG customer profile and calculate the cube if no cube is found on the pro.
- Modified bs.tcg #70 not to show a negative fuel surcharge.
- Added logic where if no cube is found on the pro, to search for a customer density from the TCG customer profile to calculate the cube.
- Enhanced the TCG interface to accommodate Additional Fields and Density Calculations.
- Enhanced bs.tcg #70 to permit the inclusion or exclusion of entity codes in the upload to TCG.

Web

- Reduced the length of 3rd party pickup web notes to make the screen more usable by customer service.
- Modified the Web Pickup logic to not consider "various" to be an "out of service area."
- Added the option to show beyond carrier and pronumber on web tracking if desired as the default setting is not to allow this.
- For Web BOL entry, made a modification to only allow numeric values in declared value and COD amount field.

- Enhanced the menus on the web to stay expanded after the option is selected.
- Added an XML version of web based rate quote and web based tracing.
- Added the display of reference number in "account history" portion of Internet web modules.
- Removed OVERAGE and SHORTAGE statuses from web tracking.
- Added the display of shipper and consignee city in web tracing list.
- Changed the terminology for web status messages for POD codes "set pro as delivered" to "delivered" and "show message on web" to "status update."



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January 2009

Reports that are Excel Enabled in 10.5.1

<u>Funcnt Name</u>	<u>Function Description</u>	<u>Menu</u>	<u>Pos</u>
		ap.bank	
checks.audit	Reconciled Check Printout		61
sum.arage	Rpt: A/R Aging Report - Summary	ar.age	3
actcust	Rpt: Active Customers	ar.cust	30
shpsumrpt2	Rpt: Shipment Sum by Cons w/Rev	bs.analysis	20
terrrev	Rpt: Salesman Revenue Sum Cust-S	bs.any	38
invexpexcel	Invoice Export - All	bs.cust	48
exp-cust-rates	Export Customer Rates to .csv File	bs.export	13
doc-miss	Rpt: List Missing Images	BS.IMAGE	60
unprtrpt	Rpt: Unprinted Probills	bs.inv	86
unmnf.frt	Rpt: Unmanifested Freight	bs.mnfreports	1
zip.list	Rpt: Print Points List	bs.mntrpts	21
custinfo	Rpt: Customer Stmt Freq/Mail Prio	bs.mntrpts	55
undelrpt	Rpt: Undelivered Freight	bs.opsreports	5
onhand	Inq: Freight on Dock (On Hand)	bs.opsreports	57
rate.compare	Rpt: Rate Comparison Report	bs.ratereport	16
custexcp	Rpt: Customer Exceptions (S/C/B)	bs.ratereport	52
ratespc.upd	Utl: RTC Lane Exceptions Update	bs.rateutility	11
billing.recap	Rpt: Billing Recap Report	bs.recap	2
quote.rep	Rpt: Quote Report	bs.rep3	14
scanreweighrpt	Rpt: Scan/Reweigh Report	bs.rep3	86
schjobrpt	Rpt: Scheduled Orders Master List	bs.schedjobs	51
dkrewegrpt	Rpt: Dock Reweigh Log	dk.reports	5
dkondockrpt	Rpt: Shipments on Dock Floor	dk.reports	6
dkliftlogrpt	Dock Forklift Usage Report	dk.reports	7
shiftscanexp	Rpt: Shift Scan	dk.rf	50
dkwrkeventrpt	Rpt: Individual Scan Details	dk.rf	52
driv.list	Driver Listing	dp	3
senddelbol	Rpt: Send Delivery BOL	mt.cust	1
bu.report	Rpt: Backup Call List	ob.disp	55
missed.pickup	Rpt: Missed Pickup List	ob.reports	13
am-miss-pus	Rpt: Final Missed PU List (*)	ob.reports	70
menu-security	Rpt: Menu Security	ob.sysadm	12
login-rpt	Rpt: Web Login	webmenu	50
weblogg	Rpt: Web Login statistics	webmenu	52
disp-scan	Rpt: Dispatch Pick-ups to agents	ob.disp	40