

## Transport Accounts Management System

### (Postings)

Legends: Vhldg=vehicle ledger, AcLgr=a/c ledger, Drvldg=driver ledger, owntl=own T/L, mkttl=market T/L

Document	Update
<b>Loading Information</b>	Challan: Update Vhldg : If owntl update with T/L, amount If mkttl update with T/L, hirefrt AcLgr : If mkttl - update with T/L, hirefrt
<b>Unloading Information</b>	Challan: Update Vhldg : If owntl & shtge - update with T/L, shtge If mkttl & shtge - update with T/L, shtge AcLgr : If mkttl & shtge - update with T/L, shtge If owntl & shtge - update with driver, shtge Drvldg: If shtge - update with driver, shtge
<b>Billing</b> (Bill, Suppl. & Detention)	Bill: Update Challan: Update Bill (separately for each type) AcLgr: Update with party, amount Update with TC, non-tax amount Update with service tax, tax amount (if applicable)
<b>Vouchers-1 (T/L)</b> (TDS for no PAN in S/Cr payment)	AcLgr: Update with T/L, amount Vhldg: Update with T/L, amount
<b>Vouchers-2 (Party)</b>	AcLgr: Update Adhoc: Update amount, outstanding or Bill: Update outstanding
<b>Vouchers-3 (drivers)</b>	AcLgr: Update with driver, amount (T/L ref in narr) Drvldg: Update with driver, amount
<b>Vouchers-4 (others)</b>	AcLgr: Update
<b>Hire Freight Billing</b>	If mkttl HFBill: Update Challan: Update with hbill ref Vhldg: Update with hbill ref
<b>Shortage/Penalty</b> (deduction by party)	Bill: Update Challan: Update AcLgr: Update with T/L, amount
<b>Bank Statement Update</b>	AcLgr: Update with bank date

### (Operation)

Document	Items
Loading Information	<p>Date: current (default)</p> <p>T/L: code (3-dig) or search number &amp; select. Quantity filled by T/L capacity. Attach driver of that T/L to the challan if the T/L is own T/L.</p> <p>Challan number: input</p> <p>C/N number: input</p> <p>Consignor: search name &amp; select</p> <p>Loading point (source): as default in consignor master, changeable</p> <p>Consignee: search name &amp; select. Party &amp; default destination (changeable) come up from consignee master. If party changed, consignee has to change to match. Next Rate list for that party+source+destination pops up for selection. On selection, days,route-km, product &amp; rate will fill up and amount, hire freight will be calculated. Hire freight changeable by user. (unloading part remains inactive.)</p>
Unloading Information	<p>(Challan selected from list &amp; all info updated)</p> <p>Challan Received Date &amp; Delivery Date: default today.</p> <p>Amount calculated as Shortage x Rate/kg</p> <p>Market T/L: disabled if T/L in challan is own T/L, else default to Amount.</p> <p>Detention part may be empty, otherwise, all fields to enter values and amount calculated (right of = sign). Market T/L part is disabled if T/L in challan is own T/L, else default to zero.</p>
Billing	<p>Party: search name &amp; select. Lower grid fills up with parties unbilled challans, selectable. When modifying, also included challans that were in that bill.</p> <p>Type: F/S/D Freight (default)/Supplementary/Detention</p> <p>Date: current (default)</p> <p>Number: auto generated.</p> <p>Amount: calculated. Changes with selection of challans.</p> <p>Freight: calculated for type=F/S. For type S, Suppl.Rate is to be entered. Changes with selection of challans.</p> <p>Service Tax: if selected, calculated.</p> <p>Detention: (for type D) calculated. Changes with selection of challans.</p> <p>Reference: filled with last bill of party, if any, otherwise entered.</p>
Vouchers-1 (T/L)	<p>Vouchers is single form, having types (P/R/C/J) Payment/ Receipt/ Contra/ Journal. T/L entries comes in all types except Contra (between cashes &amp; banks).</p> <p>Type: selected</p> <p>Date: current (default)</p> <p>Cheque Number: entered, if applicable.</p> <p>Grid per line:</p> <p>Dr: select if account to debit (or you may decide this on debit/credit columns)</p> <p>Account: search &amp; select, show current balance.</p>

	<p>Debit Amount: enter if debit. Credit Amount: enter if credit.</p> <p>If the account is related to T/L (property of account), on entry of amount, the T/L-wise breakup is to be entered in second grid, totaling same as amount entered.</p> <p>In second grid, T/Ls are to enter by 3-digit code or search by number &amp; select (keep 2 columns).</p> <p>Continue with more accounts in first grid to balance debit &amp; credit. Generally, driver, T/L &amp; party are not mixed in same voucher.</p>
Vouchers-2 (Party)	<p>Vouchers is single form, having types (P/R/C/J) Payment/ Receipt/ Contra/ Journal. Party related entries comes in all types except Contra (between cashes &amp; banks).</p> <p>Type: selected Date: current (default) Cheque Number: entered, if applicable.</p> <p>Grid per line: Dr: select if account to debit (or you may decide this on debit/credit columns) Account: search &amp; select, show current balance. Debit Amount: enter if debit. Credit Amount: enter if credit.</p> <p>If the account belongs to Sundry Debtors group, on entry of credit amount, the bill-wise breakup may be entered in second grid, totaling same as amount entered. If bill-wise breakup is skipped, it is ad-hoc/advance. For debit entry, a record is generated in bill table with the same amount.</p> <p>Continue with more accounts in first grid to balance debit &amp; credit. Generally, driver, T/L &amp; party are not mixed in same voucher.</p>
Vouchers-3 (drivers)	<p>Vouchers is single form, having types (P/R/C/J) Payment/ Receipt/ Contra/ Journal. Driver related entries comes in all types except Contra (between cashes &amp; banks), but generally it's the Shortage Receivable a/c which is credited while recovering shortage from drivers.</p> <p>Type: selected Date: current (default) Cheque Number: entered, if applicable.</p> <p>Grid per line: Dr: select if account to debit (or you may decide this on debit/credit columns) Account: search &amp; select, show current balance. Debit Amount: enter if debit. Credit Amount: enter if credit.</p> <p>If the account relates to drivers, on entry of credit amount, the driver-wise breakup is to be entered in second grid, totaling same as amount entered.</p> <p>Continue with more accounts in first grid to balance debit &amp; credit. Generally, driver, T/L &amp; party are not mixed in</p>

	same voucher.
Vouchers-4 (others)	<p>Vouchers is single form, having types (P/R/C/J) Payment/ Receipt/ Contra/ Journal.</p> <p>Type: selected</p> <p>Date: current (default)</p> <p>Cheque Number: entered, if applicable.</p> <p>Grid per line:</p> <p>Dr: select if account to debit (or you may decide this on debit/credit columns)</p> <p>Account: search &amp; select, show current balance.</p> <p>Debit Amount: enter if debit.</p> <p>Credit Amount: enter if credit.</p> <p>Continue with more accounts in grid to balance debit &amp; credit.</p>
Hire Freight Billing	<p>H.F.Bill Number: auto generated.</p> <p>Date: current (default)</p> <p>T/L: code (3-dig) or search number &amp; select. One lower grid fills up with unbilled (hire freight) challans for that T/L, selectable. Another lower grid fills up with unbilled payments against that T/L. When modifying, also included challans &amp; payments that were in that bill.</p> <p>Amount: calculated. Changes with selection of challans &amp; payments.</p>
Shortage/Penalty	<p>This is actually a journal to adjust shortage &amp; penalty deducted by the parties.</p> <p>Number: auto generated.</p> <p>Date: current (default)</p> <p>Party: search name &amp; select. Lower grid fills up with parties unpaid bills, selectable, with 2 fields for shortage &amp; penalty deducted. When modifying, also included bills that were in that journal along with amounts deducted.</p> <p>Amount: calculated. Changes with selection of bills and filling of amounts.</p>
Bank Statement Update	

(Tables)

Table - Function
Acmast - voucher master part
AcDtl - voucher detail part
AcList - temp table for trial balance
AcSubDtl- voucher sub-detail part (sub a/c part, where T/L-wise,bill-wise breakup stored)
AcTrn - temp table for a special format of ledger
Bill - bill table (challans are linked to bill by bill_id)
Branch - branch master
Challan - challan (loading)
ChalDtn - challan detention part
ChalUnld- challan unloading part
CoMain - company master
Consignee- consignee master
Consignor- consignor master
finats - user master
Glmast - a/c ledger master
Grpmast - a/c group master
HiBal - important balance table
OpGl - opening balance table for a/c ledger
OpSubGl - opening balance table for a/c sub-ledger
Place - place master (loading point/destination)
Product - product master
Receipts - receipt table (adhoc/bill-wise)
RecptDtl - billwise breakup of receipts
RefTbIs - temp table
Rep - representatives master (not required now)
STMast - sales tax master
SubGL - Ledger a/c to subledger a/c relations
SubGrmast- sub ledger a/c group master
SubMast - sub ledger a/c master
Tarset - party rate master
TBCal - temp table
TLBill - hire freight bill
TLDates - T/L license expiry dates
TLmast - T/L master
TLTexp - T/L related accounts
TLTrn - T/L ledger (vehicle ledger)
uLog - user activity log
uobj - objects in system (for permissions)
usrFav - user favourite links (frequent job shortcuts)
usrperm - user permissions
VatCal - VAT temp table
VATForm - VAT format for report

(Linking functions to Stored Procedures)

Document	Function	Stored Procedure
Loading/Unloading Information	Get T/L details by code	s_GetTLbyCode (TL_Code)
	Get T/L details by T/L Number	s_GetTLbyNo (TL_No)
	Get T/L details by start of T/L Number	s_GetTLbyNoPart (TL_No)
	Get consignor list	s_GetCsgrList(co_cd)
	Get consignor details	s_GetCsgrDetails(csgr_id)
	Get consignee list	s_GetCsgeList(co_cd, Filt)
	Get consignee details	s_GetCsgeDetails(csge_id)
	Get place (loading point/ destination) list	s_GetPlaceList(co_cd, Filt)
	Get place details	s_GetPlaceDetails(pl_id)
	Get party list	s_GetPartyList(co_cd,Filt)
	Get party id by code	s_GetPartybyCode(co_cd, PCode)
	Get party details (from GLmast)	s_GetGLDetails(gl_id)
	Get rate list	s_GetRateList(co_cd, Filt)
	Get rate details	s_GetTarDetails(tar_id)
	Get product list	s_GetProductList(co_cd, Filt)
	Get product details	s_GetProductDetails(tar_id)
	Save loading	s_InsertUpdateChallan(chal_id, branch, tl_id, chal_no, chal_dt, cn_no, csgr_id, ldpt_id, gl_id, csge_id, dest_id, trip_days, driv_id, prod_id, qty, unit, rate, per, amount, hire_frgt, co_cd, yr_cd, AcEffctB4dlv=true)
	Save detention	s_InsertUpdateChalDtn(dtn_id, chal_id, pre_dtn, rep_time, rel_time, dtn_days, dtn_rate, dtn_amt, mkt_days, mkt_rate, mkt_amt)
	Save unloading	s_InsertUpdateChalUnld(unld_id, chal_id, chal_rcd, deliv_dt, deliv_wt, deliv_unit, shortage, sht_unit, sht_rate, sht_amt, mkt_sht)
	Delete challan	s_DeleteChal(chal_id)
	Challan list	s_GetChalList(co_cd, Filt)
	Load challan info	s_GetChalDetails(chal_id)

	Load detention info	s_GetChalDtnDetails(chal_id)
	Load unloading info	s_GetChalUnldDetails(chal_id)
	Get challan id by C/N No.	s_GetChalIDbyCN(Number, co_cd, yr_cd)
	Get challan id by challan no.	s_GetChalIDbyNo(Number, co_cd, yr_cd)
Billing	Get party list	s_GetPartyList(co_cd,Filt)
	Get party id by code	s_GetPartybyCode(co_cd, PCode)
	Get party details (from GLmast)	s_GetGLDetails(gl_id)
	Challan list	s_GetChalList(co_cd, Filt)
	New bill no.	s_GetMaxBillNo(co_cd, type, sDate, eDate)
	Save bill	s_InsertUpdateTBill(bill_id, bill_no, bill_dt, bill_type, gl_id, iac_id, freight, detention, othname, othchgs, total, st_id, servpc, servtax, roundoff, amount, ref, lodloc, branch, co_cd)
	Delete bill	s_DeleteTBill(bill_id)
Vouchers	Voucher list	s_GetVoList(co_cd, Filt)
	Get voucher details	s_GetVoDetails(vo_id)
	New Voucher No.	s_GetMaxVoNo(co_cd, vInit, sDate, eDate)
	Get ledger account type (check for T/L related)	s_ChkTLExpType(gl_id, return) returns I=T/L income, X=T/L expense, O=others
	Get ledger account type (check for system/cash/bank)	s_GetGLType(gl_id, return) returns status field of Glmast as C=Cash, B=Bank, G=general, X=System fixed, K=stock, P=System protected(not to show in lists)(X/P=not editable)
	Get T/L details by code	s_GetTLbyCode (TL_Code)
	Get T/L details by T/L Number	s_GetTLbyNo (TL_No)
	Get T/L details by start of T/L Number	s_GetTLbyNoPart (TL_No)
	Get party list	s_GetPartyList(co_cd,Filt)

	Get party id by code	s_GetPartybyCode(co_cd, PCode)
	Get party details (from GLmast)	s_GetGLDetails(gl_id)
	Get driver list	s_GetDriverList(co_cd,Filt)
	Get driver details	s_GetDriverDetails(sub_id)
	Get party bill list	s_GetPartyBillList(co_cd, gl_id, ason, onlybal=true/false)
	Get party advance list	s_GetPartyAdvList(co_cd, gl_id, ason, onlybal=true/false)
	Get driver balance	s_GetDriverBal(co_cd, sub_id, ason)
	Get T/L balance	s_GetTLBal(co_cd, sub_id, ason)
	Save Voucher	s_InsertUpdateVouch(Ac_id, Vo_No, Vo_Dt, Vo_Type, Cheque_No, bank_dt, Amount, CO_CD, Branch, Yr_Cd, Ref_id, Narration, Dtls, SubDtls, Return) returns new identity
	Delete Voucher	s_DeleteVouch(vo_id)
Hire Freight Billing (for market T/L)	New H.F. Bill No.	s_GetMaxHFBillNo(co_cd, sDate, eDate)
	Get T/L details by code	s_GetTLbyCode (TL_Code)
	Get T/L details by T/L Number	s_GetTLbyNo (TL_No)
	Get T/L details by start of T/L Number	s_GetTLbyNoPart (TL_No)
	Challan list by T/L id	s_GetTLChalList(TL_id, StartDate, EndDate, stat, bill_id)
	Payment list by T/L id	s_GetTLPmts(TL_id, StartDate, EndDate, stat, bill_id)
	Save H.F.Bill	s_InsertUpdateHFBill(fb_id, fb_no, fb_Date, owner_id, TL_id, Amount, p_amount, co_cd, ChalDtls, Return) returns new identity
	Delete H.F.Bill	s_DeleteHFBill(fb_id)
Shortage/Penalty	Get party list	s_GetPartyList(co_cd,Filt)
	Get party id by code	s_GetPartybyCode(co_cd, PCode)
	Get party details (from GLmast)	s_GetGLDetails(gl_id)
	Get bill list of party	s_GetPartyBillList(co_cd, gl_id, ason, onlybal=true/false)
	Save Voucher	s_InsertUpdateVouch(Ac_id, Vo_No, Vo_Dt, Vo_Type,



		Cheque_No, bank_dt, Amount, CO_CD, Branch, Yr_Cd, Ref_id, Narration, Dtls, SubDtls, Return) returns new identity
	Delete Voucher	s_DeleteVouch(vo_id)
Bank Statement Update		