

**VESSEL INSTRUCTIONS TRANSMISSION
FILE LAYOUT**

Loading Instructions Transmission File Record Layout - Paltrack

FILE NAME – VIsssrrr.xxx

VI (loading instructions) char(2)
 sss (location id of sending site) char(3)
 rrr (sequential number) numeric
 xxx (location id of receiving depot) char(3)

FILE FORMAT

- 1 BH - record (batch header)
- 1 VH – record (vessel header information)
- 2 or more VN– record(s) (vessel loading and discharge ports)
- 1 or more LH - record(s) (instruction header detail, one or more per ship; one per truck)
- 1 or more LD - record(s) (one or more per LH record)
- 1 BT - record (batch trailer)

Notes

Transmission files created for conventional ships will have one or more LH records per file. There will be one LH record per instruction captured by the shipping coordinator. Conventional ships will also have one or more LD records per LH record. There will be one LD record per instruction captured by the shipping clerk.

Transmission files created for container ships will have one LH record per file containing no fruit specification information. For container ships, all instructions are captured at the detail level by the shipping coordinator. There will therefore be one or more LD records, one per instruction captured by the coordinator.

Transmission files created for normal trucks and container trucks will have one LH record per file. The LH record will not contain any fruit specification information, but will contain information on the instruction order captured. There will be one or more LD records, one per instruction captured.

BATCH HEADER record format - type BH

BH record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	BH
sending depot	alpha	3	3	5	location id of sending depot
sequence number	number	6	6	11	Same as sequence number in file name (sss). Prefix with 000 to make it 6 long. Starts back at 000001 when number gets to 000999.
Date	date	8	12	19	Yyyymmdd

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
Time	datetime hour to second	8	20	27	Hh:mm:ss

VH record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	“VH”
ship number	alpha	10	3	12	6 character number, followed by 4 spaces
ship name	alpha	25	13	37	Ship name
transport type	alpha	1	38	38	“S”, for “ship”
load type	alpha	1	39	39	“V”, for conventional; “T”, for container; “B”, for combi;
load status	alpha	1	40	40	“P”, for “planning”
timekeeper date	datetime year to minute	16	41	56	Date of file creation; format:yyyy-mm-dd hh:mm
timekeeper user	char	7	57	63	User who created the file
start date	datetime year to minute	16	64	79	Date of file creation; format:yyyy-mm-dd hh:mm
user id	alpha	7	80	86	blank
partner id	alpha	7	87	93	blank
finish loading date	datetime year to minute	16	94	109	Date of file creation; format:yyyy-mm-dd hh:mm
departure date	datetime year to minute	16	110	125	Date of file creation; format:yyyy-mm-dd hh:mm
handling point	alpha	2	126	127	Blank
carrier	alpha	8	128	135	Blank
pallet quantity	number	1	136	136	“0”, zero
carton quantity	number	1	137	137	“0”, zero
sub load	alpha	12	138	149	6 character ship number; followed by 6 spaces;
next type	alpha	2	150	151	Blank
next code	alpha	7	152	158	blank
saecs voyage number	alpha	6	159	164	Saecs voyage number, e.g. “A728”; blank if not known;
phyto number	alpha	8	165	172	Blank
last load	alpha	1	173	173	“Y”, for “yes”
instruction type	alpha	1	174	174	Blank
master order number	alpha	6	175	180	blank
location code	alpha	7	181	187	Location where information will be loaded

FIELDNAME	TYPE	SIZE	FROM	TO	COMMENTS
season	alpha	4	188	191	Current season
client reference	alpha	6	192	197	6 character ship number
trip number	alpha	8	198	205	Blank
xmit flag	alpha	1	206	206	"N" or "Y"
revision	number	1	207	207	"0" (zero)
message number	number	1	208	208	"0" (zero)
ext_saecs_voyage	alpha	15	209	223	

VESSEL LOADING OR DISCHARGE PORT record format - type VN

VN record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
Record type	alpha	2	1	2	"VN"
Location type	alpha	1	3	4	"PO" for conventional ships; blank for container ships; "DP" (depot) or "CU" (customer) for trucks
Location code	alpha	7	5	11	Sending depot code, e.g. DURBAN and/or discharge port, e.g. SHS
Sequence number	numeric	7	12	12	Default = 0
Tran type	alpha	1	13	13	"L" (loading port); "D" (discharge port);
Handle point	alpha	2	14	15	Blank for ships; unique for trucks, Default="blank"
Arrival Date	date	8			date created, yyymmdd, only filled in for trucks, "blank" otherwise
Arrival Time	datetime hour to minute	5			time created, hh:mm, only filled in for trucks, "blank" otherwise
Departure Date	date	8			yyymmdd; "blank" for ships
Departure Time	datetime hour to minute	5			time created, hh:mm, only filled in for trucks, "blank" otherwise
Conn flight	alpha	10	48	57	Default="blank"
Load Status	alpha	1	58	58	Default='P'; Planned
Xmit flag	alpha	1	59	59	Default='N';
Revision	numeric	1	60	60	Default=0
Mesg no	numeric	7	61	61	location where order is created, only filled in for trucks, blank otherwise
Tran user	alpha	7	62	68	user who created order, only filled in for trucks, blank otherwise
Tran date	date	8			Date created, yyymmdd , Default=today
Tran time	datetime hour to second	8			time created, hh:mm:ss, Default=current time

VESSEL HEADER INSTRUCTION (CO-ORDINATOR) record format - type LH

LH record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	"LH"
transaction type	alpha	1	3	3	"N" (new instruction)
location code	alpha	7	4	10	Sending depot code, e.g. DURBAN
order type	alpha	1	11	11	"V" (conventional ship); "T" (container ship); "D" (normal truck); "Z" (container truck)
order number	alpha	6	12	17	Blank for ships; unique order number for trucks
ship number	alpha	6	18	23	Ship number
ship name	alpha	25	24	48	Ship name
load date	date	8	49	56	yyyymmdd; "blank" for ships
order status	alpha	1	57	57	Blank for ships; "O" (open) or "C" (closed) for trucks
destination type	alpha	2	58	59	"PO" for conventional ships; blank for container ships; "DP" (depot) or "CU" (customer) for trucks
destination code	alpha	7	60	66	Discharge port for conventional ships; blank for container ships; destination depot or customer for trucks
master order	alpha	6	67	72	same as order number
cold flag	alpha	1	73	73	Blank for ships; "Y" or "N" for trucks
from location	alpha	7	74	80	location where order is created, only filled in for trucks, blank otherwise
from user	alpha	7	81	87	user who created order, only filled in for trucks, blank otherwise
from date	date	8	88	95	date created, yyyymmdd, only filled in for trucks, "blank" otherwise
from time	datetime hour to second	8	96	103	time created, hh:mm:ss, only filled in for trucks, "blank" otherwise
line status	alpha	1	104	104	"O" (open) or "C" (closed); Only filled in for conventional ships, blank for container ships and trucks
line number	number	5	105	109	Sequential number starting at one for conventional ships; "0" (zero) for container ships and trucks
store	alpha	2	110	111	Store where fruit must come from
bay	alpha	2	112	113	Bay where fruit must come from
sender	alpha	2	114	115	Sender
agent	alpha	2	116	117	Agent – party who will receive and sell the product overseas
shipping sender	alpha	2	118	119	Usually same as sender
FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS

shipping agent	alpha	2	120	121	Usually same as agent
channel	alpha	1	122	122	e.g. "L" (local), "E" (export)
stock pool	alpha	2	123	124	e.g. "CE" (certified), "RJ" (rejected)
organization	alpha	2	125	126	e.g. "CA" (Capespan)
country	alpha	2	127	128	e.g. "ZA" (South Africa)
commodity	alpha	2	129	130	e.g. "AP" (apples)
variety group	alpha	2	131	132	e.g. "BG" (black grapes)
variety	alpha	3	133	135	e.g. "DBH"
sub variety	alpha	3	136	138	blank
actual variety	alpha	3	139	141	blank
pack	alpha	4	142	145	e.g. "M12T"
grade	alpha	4	146	149	e.g. "1A"
mark	alpha	5	150	154	e.g. "CAPE"
low count	alpha	5	155	159	lower end of count range
low_sort_seq	number	4	160	163	Sort sequence of low count
high count	alpha	5	164	168	high end of count range
high_sort_seq	number	4	169	172	Sort sequence of high count
inventory code	alpha	2	173	174	e.g. "LU"
picking reference	alpha	4	175	178	
product group	alpha	2	179	180	
product chars	alpha	3	181	183	
target market	alpha	2	184	185	e.g. "OP"
farm	alpha	7	186	192	
remarks	alpha	8	193	200	
cpp_ship	alpha	1	201	201	ship pallets according to cartons-per-pallet rule (Y/N)
pallet base type	alpha	1	202	202	e.g. "S" (standard)
unit type	alpha	1	203	203	"P" (pallet-level instruction) or "C" (carton-level instruction)
instruction quantity	number	5	204	208	integer (quantity to be shipped)
xmit flag	alpha	1	209	209	"N" or "Y"
revision	number	1	210	210	"0" (zero)
message number	number	1	211	211	"0" (zero)
tran_user	alpha	7	212	218	user who last accessed instruction in Paltrack
tran_date	date	8	219	226	date last accessed in Paltrack
tran_time	datetime hour to second	8	227	234	time last accessed in Paltrack

LD record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	“LD”
order number	alpha	6	3	8	order number, same as on LH record
ship number	alpha	6	9	14	Ship number, same as on LH record
location code	alpha	7	15	21	Sending depot code, e.g. DURBAN; same as on LH record
handling point	alpha	2	22	23	blank
line type	alpha	1	24	24	“P” (positive), “N” (negative)
line status	alpha	1	25	25	“O” (open), “C” (closed)
line number	number	5	26	30	Same as line number on LH record for conventional ships; Container ships will be “1” (one) for positive instructions and “0” (zero) for negative instructions; Trucks will be “1” (one)
sequence number	number	4	31	34	Sequential number starting at “1” (one) within line number
store	alpha	2	35	36	Store
bay	alpha	2	37	38	Bay
position	alpha	6	39	44	Filled in for conventional ships, otherwise blank
destination type	alpha	2	45	46	“PO” (for ships and container trucks) “DP” or “CU” (for normal trucks)
destination code	alpha	7	47	53	destination port - 6 alpha, padded spaces to the right (for ships and container trucks) destination depot or customer code – 7 alpha (for normal trucks)
sender	alpha	2	54	55	Sender - filled in for ships and container trucks
agent	alpha	2	56	57	Agent - filled in for ships and container trucks - the party who will receive and sell the product overseas
shipping sender	alpha	2	58	59	Shipping sender – usually same as sender
shipping agent	alpha	2	60	61	Shipping agent - usually same as agent
consec number	alpha	6	62	67	Blank for conventional ships and normal trucks
channel	alpha	1	68	68	e.g. “E” (export) or “L” (local)
stockpool	alpha	2	69	70	“CE” (certified) or “RJ” (rejected)
organisation	alpha	2	71	72	e.g. “CA” (Capespan)
country	alpha	2	73	74	e.g. “ZA” (South Africa)
commodity	alpha	2	75	76	e.g. “AP” (apples)
FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS

variety group	alpha	2	77	78	e.g. "BG" (black grapes)
variety	alpha	3	79	81	e.g. "DBH"
sub variety	alpha	3	82	84	Blank
actual variety	alpha	3	85	87	blank
pack	alpha	4	88	91	e.g. "M12T"
grade	alpha	4	92	93	e.g. "1A"
mark	alpha	5	96	97	e.g. "CAPE"
low count	alpha	5	101	105	lower end of count range
low_sort_seq	number	4	106	107	Sort sequence of low count
high count	alpha	5	110	114	high end of count range
high_sort_seq	number	4	115	118	Sort sequence of high count
inventory code	alpha	2	119	120	e.g. "LU"
picking reference	alpha	4	121	124	
product group	alpha	2	125	126	
product chars	alpha	3	127	129	
target market	alpha	2	130	131	e.g. "OP"
farm	alpha	7	132	138	
remarks	alpha	8	139	146	
unit type	alpha	1	147	147	"P" (pallet-level instruction) or "C" (carton-level instruction)
cpp_ship	alpha	1	148	148	ship pallets according to cartons-per-pallet rule (Y/N)
pallet base type	alpha	1	149	149	e.g. "S" (standard)
instruction quantity	number	4	150	153	integer (quantity to be shipped)
shipped quantity	number	4	154	157	quantity already shipped
xmit flag	alpha	1	158	158	"N" (no)
revision	number	1	159	159	"0" (zero), "9"=delete the record
message number	number	1	160	160	"0" (zero)
tran user	alpha	7	161	167	last updated by, leave blank
tran date	date	8	168	175	date last updated, leave blank
tran time	datetime hour to second	8	176	183	time last updated, leave blank
remote_qty	number	4	184	187	Indicates stock quantity coming from the remote depots ie not DET
Remote_locn	alpha	7	188	194	Indicates the remote site from which the remote quantity comes.
Order_type	alpha	1	195	195	V=Conventional, T=Container, D=Normal Trucks, Z=Container Trucks
Ship_name	alpha	25	196	220	
Load_date	datetime	13	221	233	yyyymmddhh:mm
Berth	alpha	2	234	235	
Xmit_flag2	alpha	1	236	236	"N"
Pool	alpha	2	237	238	TC Only, Default='blank'
FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
Countgroup	alpha	3	239	241	TC Only, Default='blank'

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Warehouse	alpha	2	242	243	TC Only, Default='blank'
Orig Account	alpha	6	244	249	TC Only, Default='blank'
Load Remarks	alpha	40	250	289	TC Only, Default='blank'
Gtin	numeric	14	290	303	GTIN number, Default='blank'
Pallet ID	alpha	9	304	312	Will be blank and put into ssc field
Ssc	alpha	18	313	330	
Must_go	alpha	1	331	331	Y/P=Pallet Must Go, M/N/Blank Pallet can be swopped out

BATCH TRAILER format - type BT

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	BT
receiving depot	alpha	3	3	5	receiving slocation id
sequence number	number	6	6	11	same as sequence number in file name (sss). Prefix with 000 to make it 6 long. Start back at 000001 when number gets to 000999.
total records	number	7	12	18	total number of records in file (including BH and BT records)
total LD records	number	7	19	25	total number of LD records in file
total instr_qty	number	7	26	32	total instruction quantity for order (sum of instruction quantities on LD records)

Notes

- The transaction type on the LH record will be “N” (for a new instruction). This means that any incoming instruction should overwrite an existing one.
- For trucks, the order number will be unique per sending depot.
- For ships, the ship number will be unique per sending depot.
- On the LH record, the store field up to the instruction quantity field will only be populated in the case of conventional ships.
- For normal trucks, the destination type and destination code on the LD record will be the same as the destination type and code on the LO record. For container trucks, the destination type and code on the LD record will be the port of discharge.
- When capturing instructions, the user can specify a count range that may be loaded out. The way in which this is done is to specify the low end of the count range, as well as the high end. Paltrack uses a sort sequence (registered per count) to validate that the low count is indeed smaller than the high count and vice versa.
- A mixed pallet (mixed indicator “Y” with mixed varieties on the pallet) may be loaded out against an instruction where the variety code is “MIX”.
- A mixed pallet (mixed indicator “Y” with mixed counts on the pallet) may be loaded out against an instruction where the low and high count is “MIX”.
- The variety code can be “NCT” (used for grapes) meaning “no count”.
- A value of “=” in the inventory code field, means that only pallets where the inventory code is blank may be loaded out.