INSTRUCTIONS TRANSMISSION FILE (DI) RECORD LAYOUT

ISSUED: 24 October 2017

Revision History

Date	Version	Description	Author
26/04/2016	1	Added following fields to LO and LD header PORT char (6)	Matt McCarthy
24/10/2017	2	Revision 9 (Delete) and add new priority loading field on the LD record.	Murray Bont

Loading Instructions Transmission File Record Layout - Paltrack

HEADER record format - type HD

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	HD
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
time	datetime hour to second	8	20	27	hh:mm:ss

LO record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	“LO”
transaction type	alpha	1	3	3	“N” (new instruction)
location code	alpha	7	4	10	sending depot code, e.g. DURBAN
order number	alpha	6	11	16	blank for ships; unique order number for trucks
order type	alpha	1	17	17	“V” (conventional ship); “T” (container ship); "D" (normal truck); “Z” (container truck)
load id	alpha	1	18	18	‘0’
load date	date	8	19	26	yyyymmdd; “00000000” for ships
ship number	alpha	6	27	32	ship number
instruction	alpha	25	33	57	
order status	alpha	1	58	58	blank for ships; “O” (open) or “C” (closed) for trucks
destination type	alpha	2	59	60	“PO” for conventional ships; blank for container ships; “DP” (depot) or “CU” (customer) for trucks
destination code	alpha	6	61	67	discharge port for conventional ships; blank for container ships; destination depot or customer for trucks
master order	alpha	6	68	73	same as order number
cold flag	alpha	1	74	74	blank for ships; “Y” or “N” for trucks
from location	alpha	7	75	81	location where order is created, only filled in for trucks, blank otherwise
from user	alpha	7	82	88	user who created order, only filled in for trucks, blank otherwise

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
from date	date	8	89	96	yyyymmdd; (date created, yyyymmdd, only filled in for trucks, “00000000” otherwise)
from time	datetime hour to second	5	97	101	hh:mm (time created, hh:mm:ss, only filled in for trucks, “00000” otherwise)
BLANK	alpha	3	102	104	BLANK
xmit flag	alpha	1	105	105	‘Y’ or ‘N’
revision	alpha	1	106	106	‘0’ –‘8’ , 9 (Delete)
message number	alpha	1	107	107	‘0’ (zero)
tran user	alpha	7	108	114	user who last accessed instruction in Paltrack
tran date	date	8	115	122	ddmmyyyy – date last accessed in Paltrack
tran time	time	5	123	127	hh:mm - time last accessed in Paltrack
Port	Alpha	5	128	133	Port

LD record format

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	alpha	2	1	2	"LD"
load id	alpha	1	3	3	
BLANK	alpha	6	4	9	BLANK
location code	alpha	7	10	16	sending depot code, e.g. DURBAN; same as on LH record
handling point	alpha	2	17	18	blank
line type	alpha	1	19	19	"P" (positive), "N" (negative)
line status	alpha	1	20	20	"O" (open), "C" (closed)
line number	number	1	21	21	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	1	22	22	sequential number starting at "1" (one) within line number
store	alpha	2	23	24	Store
bay	alpha	2	25	26	bay
position	alpha	6	27	32	filled in for conventional ships, otherwise blank
destination type	alpha	2	33	34	"PO" (for ships and container trucks) "DP" or "CU" (for normal trucks)
destination code	alpha	7	35	41	destination port - 6 alpha, padded spaces to the right (for ships and container trucks) destination depot or customer code – 7 alpha (for normal trucks)

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
sender	alpha	2	42	43	sender - filled in for ships and container trucks
agent	alpha	2	44	45	agent - filled in for ships and container trucks - the party who will receive and sell the product overseas
shipping sender	alpha	2	46	47	shipping sender – usually same as sender
shipping agent	alpha	2	48	49	shipping agent - usually same as agent
consec number	alpha	6	50	55	blank for conventional ships and normal trucks
temp set	alpha	1	56	56	
channel	alpha	1	57	57	e.g. “E” (export) or “L” (local)
stockpool	alpha	2	58	59	“CE” (certified) or “RJ” (rejected)
organisation	alpha	2	60	61	e.g. “CA” (Capespan)
country	alpha	2	62	63	e.g. “ZA” (South Africa)
commodity	alpha	2	64	65	e.g. “AP” (apples)
variety group	alpha	2	66	67	e.g. “BG” (black grapes)
variety	alpha	3	68	70	e.g. “DBH”
sub variety	alpha	3	71	73	blank
actual variety	alpha	3	74	76	blank
pack	alpha	4	77	80	e.g. “M12T”
grade	alpha	4	81	84	e.g. “1A”
mark	alpha	5	85	89	e.g. “CAPE"
low count	alpha	5	90	94	lower end of count range
high count	alpha	5	95	99	high end of count range
inventory code	alpha	2	100	101	e.g. “LU”
picking reference	alpha	4	102	105	
product group	alpha	2	106	107	
product chars	alpha	3	108	110	
target market	alpha	2	111	112	e.g. “OP”
farm	alpha	7	113	119	
remarks	alpha	8	120	127	
unit type	alpha	1	128	128	“P” (pallet-level instruction) or “C” (carton-level instruction)
instruction quantity	number	4	129	132	integer (quantity to be shipped)
Shipped quantity	number	4	133	136	quantity already shipped
xmit flag	alpha	1	137	137	“N" (no)
revision	number	1	138	138	“0” (zero)
message number	number	1	139	139	“0” (zero)
tran user	alpha	7	140	146	last updated by, leave blank
tran date	date	8	147	154	date last updated, leave blank
tran time	datetime hour to second	8	155	159	time last updated, leave blank
BLANK	alpha	3	160	162	BLANK

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
cpp_ship	alpha	1	163	163	ship pallets according to cartons-per-pallet rule (Y/N)
pallet base type	alpha	1	164	164	e.g. "S" (standard)
pallet id/sscc	alpha	18	165	182	Pallet number / sscc
Port	Alpha	6	183	188	Port
Priority	Number	1	189	189	'0' –'9'. Indicates Priority ascending loading of order.

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 location 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)