



**RAILINGS (RL) AND DISPATCH (PO)  
TRANSMISSION FILE  
RECORD LAYOUT**

**UPDATED: 24 October 2017**

## Revision History

Date	Version	Description	Author
05/12/2012	1.3	<b>Changes on “OP” record:</b> Season char(4)	Margeaux Batt
27/03/2013		<b>Changes on “OK” record:</b> Ship name char(25) [271-295] Voyage No char(10) [296-305]	Quinton Fredericks
15/04/2013	1.4	<b>Changes on “OP” record:</b> Orig_inspec_date date(8)	Jacques Ooms
05/06/2013	1.5	<b>Changes on “BH” record:</b> Indicator char(2) [28-29] Provider char(30) [30 – 59] Version char(30) [60-89]	Jacques Ooms
21/08/2013	1.6	<b>Changes on “OH” record:</b> ext_saecs_voyage char(15) [255 – 269]	Ted Haller
03/03/2014	1.7	Added Ship_call_sign char(10) to OK record.  Added the following fields to the OP record: Inner_pack char(10) Inner_cartons numeric(5) Protocol_exception_indicator char(2) UPN char(25)	Andries Mouton
30/04/2014	1.8	Changes on “OC” record: Inspector char(6) [255 – 269]	Jacques Ooms
02/03/2015	1.9	Added new fields to the OH record: Truck_weight numeric(10) Trailer1 char(15) Trailer2 char(15) Added new field to the OP record: Pallet_treatment char(30)	Andries Mouton
03/08/2015	2.0	Added Ship_line Alpha(2) to OK record	Matt McCarthy
20/04/2016	2.1	Added new fields to OK record for SOLAS Verification Method Container Tare Weight Container Gross Mass SAMSA Accreditation Responsible Party	Matt McCarthy

		Added new fields to OP record for SOLAS Pallet Gross Mass SAMSA Accreditation Weighing Location Weighing Date Time	
26/04/2016	2.2	Updating Weighing location to Alpha 7	Matt McCarthy
19/05/2016	2.3	SOLAS Business Rules – Pallet Sequences – Pallet Gross Mass	Matt McCarthy
02/06/2016	2.4	Change Pallet and Container mass to -5.3 format from Numeric 10	Matt McCarthy
15/07/2016	2.5	Additional fields for Addendum information	Matt McCarthy
05/08/2016	2.6	Add the word Nett to mass field	Matt McCarthy
06/09/2016	2.7	Addition of Container_Ref field	Matt McCarthy
24/10/2017	2.8	New field to the OP record for FCM: Phyto_data char (10)	Murray Bont

**RAILINGS AND DISPATCH TRANSMISSION FILE RECORD LAYOUT**

**File name: RLxxxxyy.zzz or Pxxxxyy.zzz**

xxx- Source address (Producer locn\_id or Depot locn\_id)

yyy- Sequence number to keep the filename unique (000 – 999)

zzz- Destination address (TO\_depot)

**Record Sequence:**

Files have one truck (OH) per file. The structure of the file is nested. Within each truck (OH), are all its locations (OL); within each location (OL), are all its consignments; within each consignment (OC), are all its pallets (OP). If there are container (OK) records, these are found above their relevant consignment records.

Load id on OH, OL, OC, OK & OP records is comprised of the following (and is the same for all dependent records)

xxx(from\_depot) : 3A (see filename xxx)

“-“ : another dash ...

internal load\_id : 6N

***BATCH HEADER record format – type BH***

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	BH
network address	Alpha	3	3	5	location id of sending depot
batch 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.
Create date	Date	8	12	19	yyyymmdd
create time	Datetime hour to second	8	20	27	hh:mm:ss
indicator	Alpha	2	28	29	
provider	Alpha	30	30	59	Paltrack
version	Alpha	30	60	89	Version

**TRUCK HEADER record format – type OH**

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	OH
load_id	Alpha	10	3	12	xxx(from_depot), “-”, internal load_id
load_ref	Alpha	10	13	22	Truck number
load_name	Alpha	25	23	47	Truck name, optional
transport	Alpha	1	48	48	“R” (rail)
load_type	Alpha	1	49	49	“F” (flat-bed), “R” (reefer)
load_status	Alpha	1	50	50	“P” (planning), “T” (timekeeper), “B” (busy), “L” (loaded), “G” (cons generated), “D” (departed), “R” (resend)
tk_date	Datetime hour to minute	13	51	63	yyyymmddhh:mm
tk_user	Alpha	7	64	70	
start_date	Datetime hour to minute	13	71	83	yyyymmddhh:mm
user_id	Alpha	7	84	90	
partner_id	Alpha	7	91	97	
end_date	Datetime hour to minute	13	98	110	yyyymmddhh:mm
dep_date	Datetime hour to minute	13	111	123	yyyymmddhh:mm
handle_point	Alpha	2	124	125	Dispatch handling point
carrier	Alpha	8	126	133	
plt_qty	Number	5	134	138	Total pallet quantity on truck
ctn_qty	Number	8	139	146	Total carton quantity on truck
sub_load	Alpha	12	147	158	Truck number
next_type	Alpha	2	159	160	“DP” (depot), “CU” (customer)
next_code	Alpha	7	161	167	e.g. “I” or “0812”
saecs_voyage	Alpha	6	168	173	Blank for trucks
phyto_no	Alpha	8	174	181	Blank for trucks
full_load	Alpha	1	182	182	Fully loaded? Y/N
instr_type	Alpha	1	183	183	“D” (day), “Z” (container), “N” (none)
master_ord	Alpha	6	184	189	Instruction order number
locn_code	Alpha	7	190	196	Current location
season	Alpha	4	197	200	
client_ref	Alpha	6	201	206	Blank for trucks
trip_no	Alpha	8	207	214	location id of sending depot, sequential number
xmit_flag	Alpha	1	215	215	“Y” (yes), “N” (no)
revision	Number	5	216	220	

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
mesg_no	Number	8	221	228	
tran_user	Alpha	7	229	235	
tran_date	Date	8	236	243	yyyymmdd
tran_time	Datetime hour to minute	5	244	248	hh:mm
Temperature	Numeric	5.2	249	254	-&&. &&
Ext_saecs_voyage	Alpha	15	255	269	
Truck_weight	Numeric	9.3	270	279	Fully loaded truck weight (truck plus load)
Trailer1	Alpha	15	280	294	First trailer registration number
Trailer2	Alpha	15	295	309	Second trailer registration number

**TRANSPORT LOCATION record format – type OL**

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	OL
load_id	Alpha	10	3	12	xxx(from_depot), “-”, internal load_id
locn_type	Alpha	2	13	14	“DP” (depot), “CU” (customer), “FA”(Farm)
locn_code	Alpha	7	15	21	e.g. “1” or “0812”
seq_no	Number	5	22	26	Sequential number
tran_type	Alpha	1	27	27	“L” (loading), “D” (discharge)
handle_point	Alpha	2	28	29	
arr_date	Date	8	30	37	
arr_time	Datetime e hour to minute	5	38	42	
dep_date	Date	8	43	50	
dep_time	Datetime e hour to minute	5	51	55	
conn_flight	Alpha	10	56	65	
load_status	Alpha	1	66	66	
xmit_flag	Alpha	1	67	67	
revision	Number	5	68	72	
mesg_no	Alpha	8	73	80	
tran_user	Alpha	7	81	87	
tran_date	Date	8	88	95	yyyymmdd
tran_time	Datetime e hour to minute	5	96	100	hh:mm

**TRUCK DOCUMENT record format – type OC**

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	OC
load_id	Alpha	10	3	12	xxx(from_depot), “-“, internal load_id
locn_code	Alpha	7	13	19	Current location
orgzn	Alpha	2	20	21	e.g. “CA” (Capespan)
cons_no	Alpha	10	22	31	Document number
cons_type	Alpha	2	32	33	“OT” (out consignment), “DO” (delivery note), “RL” = Railings
cons_date	Date	8	34	41	Document date
account	Alpha	6	42	47	Depot account number
channel	Alpha	1	48	48	“E” (export), “L” (local)
pro_no	Number	8	49	56	
grower_alloc	Alpha	6	57	62	
ctn_qty	Number	8	63	70	Total number of cartons on document
plt_qty	Number	5	71	75	Total number of pallets on document
full_pallet	Number	5	76	80	Blank
inc_pallet	Number	5	81	85	Blank
season	Alpha	4	86	89	
client_ref	Alpha	10	90	99	Blank
allow_code	Alpha	4	100	103	Blank
allow_del	Alpha	1	104	104	Blank
liner_bd	Alpha	1	105	105	Blank
plas_cover	Alpha	1	106	106	Blank
spoor_load	Alpha	1	107	107	Blank
repack_flag	Alpha	1	108	108	Blank
endorse1	Alpha	2	109	110	
endorse2	Alpha	2	111	112	
endorse3	Alpha	2	113	114	
endorse4	Alpha	2	115	116	
order_no	Alpha	6	117	122	
dest_type	Alpha	2	123	124	“DP” (depot), “CU” (customer)
dest_code	Alpha	7	125	131	e.g. “I”, “0812”
cnts_on_truck	Number	5	132	136	
mix_cnt_pals	Number	5	137	141	
cons_count	Number	5	142	146	
pals_unstable	Number	5	147	151	
pals_damage	Number	5	152	156	
pals_sundry	Number	5	157	161	
cons_status	Alpha	1	162	162	“P” (printed)
batch	Number	5	163	167	
xmit_flag	Alpha	1	168	168	“Y” (yes), “N” (no)
revision	Number	5	169	173	
mesg_no	Number	8	174	181	



FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
tran_user	Alpha	7	182	188	
tran_date	Date	8	189	196	yyyymmdd
tran_time	Datetime hour to minute	5	197	201	hh:mm
pallet_btype	Alpha	1	202	202	"S" (standard), "I" (ifco)
Temperature	Numeric	5.2	203	208	-&&&&
Principal	Alpha	2	209	210	Ex. CA
Steri_flag	Alpha	2	211	212	
Steri_dest	Alpha	2	213	214	
Inspector	Alpha	6	215	220	Inspector Code

**TRUCK DOCUMENT record format – type OK (1 OK ⇔ 1 OC)**

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	OK
load_id	Alpha	10	3	12	xxx(from_depot), “-”, internal load_id
locn_code	Alpha	7	13	19	Current location
container	Alpha	11	20	30	e.g. “GCEU6670710”
seal_no	Alpha	8	31	38	e.g. “B064269”
position	Alpha	6	39	44	
ateti_no	Alpha	6	45	50	If not ateti number, default to discharge port
pro_no	Number	8	51	58	
stuff_date	atetime year to minute	13	59	71	yyyymmdd – date container was stuffed
temp_set	Number	4.1N	72	77	e.g. 0001.0 – If no temperature, leave blank
disch_port	Alpha	6	78	83	e.g. “TIL”
cto_no	Alpha	8	84	91	
ship_line	Alpha	1	92	92	e.g. “S”
doc_no	Alpha	10	93	102	
sender	Alpha	2	103	104	
agent	Alpha	2	105	106	
ship_sender	Alpha	2	107	108	
ship_agent	Alpha	2	109	110	
orgzn	Alpha	2	111	112	e.g. “CA” (Capespan)
load_depot	Alpha	7	113	119	Current location
ctn_qty	Number	5	120	124	Total number of cartons in container
plt_qty	Number	5	125	129	Total number of pallets in container
tk_user	Alpha	7	130	136	
in_user	Alpha	7	137	143	
in_partner	Alpha	7	144	150	
ryan_no	Alpha	8	151	158	e.g. “01336659”
cont_status	Alpha	1	159	159	e.g. “T”
xmit_flag	Alpha	1	160	160	“Y” (yes), “N” (no)
revision	Number	5	161	165	
mesg_no	Number	8	166	173	
tran_user	Alpha	7	174	180	
tran_date	Date	8	181	188	yyyymmdd
tran_time	Datetim e hour to minute	5	189	193	hh:mm

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
ship number	Alpha	6	194	199	Ship number on which container will be loaded; comes from instruction; e.g. "200045"
pallet_btype	Alpha	1	200	200	"S" (standard), "I" (Ifco)
Container type	Alpha	1	201	201	
% vents	Number	5	202	206	% vents open
principal	Alpha	2	207	208	
Container_ref	Alpha	15	209	223	
Container_size	Alpha	2	224	225	
Seal_no	Alpha	15	226	240	Length change from 8 → 15
Consec_no	Alpha	10	241	250	Length change from 6 → 10
Cto_no	Alpha	10	251	260	Length change from 8 → 10
Ryan_no	Alpha	10	261	270	Length change from 8 → 10
Ship name	Alpha	25	271	295	e.g DAL KALHARI
Voyage no	Alpha	10	296	305	e.g. A1B
Ship_call_sign	Alpha	10	306	315	
Ship_line	Alpha	2	316	317	
Verification Method	Alpha	1	318	318	
Container Tare Weight	Numeric	5	319	323	
Container Gross Mass	Numeric	-5.3	324	333	-&&&&.&&& SOLAS zero tolerance
SAMSA Accreditation	Alpha	10	334	343	
Responsible Party	Alpha	2	344	345	
Container_Ref	Varchar	25	346	370	To allow for Container_Ref of more than 15 Char.

**TRUCK PALLET record format – type OP**

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	OP
load_id	Alpha	10	3	12	xxx(from_depot), “-“, internal load_id
pallet_id	Alpha	9	13	21	Will be blank and put into sssc field
seq_no	Number	5	22	26	
unit_type	Alpha	1	27	27	“P” (pallet), “C” (carton)
position	Alpha	6	28	33	Filled in for conventional ships to indicate hatch and deck loaded; not used for trucks
sender	Alpha	2	34	35	
agent	Alpha	2	36	37	This is the party who will receive and sell the product overseas; only used for container trucks.
Ship_sender	Alpha	2	38	39	
ship_agent	Alpha	2	40	41	
dest_type	Alpha	2	42	43	Normal trucks: “DP” (depot), “CU” (customer); Container trucks: “PO” (port)
dest_locn	Alpha	7	44	50	Normal trucks: e.g. “I”, “0812”; Container trucks: e.g. “TIL”
cons_no	Alpha	10	51	60	Document number
container	Alpha	11	61	71	Filled in for container trucks
cont_split	Alpha	1	72	72	“Y” (yes), “N” (no)
channel	Alpha	1	73	73	“E” (export), “L” (local)
orgzn	Alpha	2	74	75	e.g. “CA” (Capespan)
country	Alpha	2	76	77	e.g. “ZA” (South Africa)
comm_grp	Alpha	2	78	79	e.g. “PF” (pome fruit)
commodity	Alpha	2	80	81	e.g. “OR” (oranges)
var_grp	Alpha	2	82	83	e.g. “BG” (black grapes)
variety	Alpha	3	84	86	e.g. “GRS” (Granny Smith)
sub_var	Alpha	3	87	89	
act_var	Alpha	3	90	92	
pack	Alpha	4	93	96	e.g. “M12T”
grade	Alpha	4	97	100	e.g. “1A”
mark	Alpha	5	101	105	e.g. “Cape”
size_count	Alpha	5	106	110	e.g. “XL”
inv_code	Alpha	2	111	112	
pick_ref	Alpha	4	113	116	
farm	Alpha	7	117	123	e.g. “E49”
prod_grp	Alpha	2	124	125	
prod_char	Alpha	3	126	128	
targ_mkt	Alpha	2	129	130	e.g. “OP”
ctn_qty	Number	5	131	135	

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*Railings(RL) and Dispatch(PO) Transmission File Record Layout*

plt_qty	Number	9	136	144	
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FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
mixed_ind	Alpha	1	145	145	"N" (no), "Y" (yes), "G" (generic)
remarks	Alpha	8	146	153	
reason	Alpha	4	154	157	
intake_date	date	8	158	165	Intake date at current location
orig_depot	Alpha	7	166	172	
orig_intake	date	8	173	180	Intake date at original depot
shift	Alpha	1	181	181	
shift_date	date	8	182	189	
order_no	Alpha	6	190	195	Instruction that fruit was loaded out against
locn_code	Alpha	7	196	202	Current location
store	Alpha	2	203	204	
stock_pool	Alpha	2	205	206	e.g. "CE" (certified), "RJ" (rejected)
shipped_date	atetime year to minute	13	207	219	Date that fruit was loaded out
xmit_flag	Alpha	1	220	220	"Y" (yes), "N" (no)
revision	Number	5	221	225	
mesg_no	Alpha	8	226	233	
tran_user	Alpha	7	234	240	
tran_date	date	8	241	248	yyyymmdd
tran_time	atetime hour to minute	5	249	253	hh:mm
pallet_btype	Alpha	1	254	254	"S" (standard), "I" (Ifco)
orig_cons	Alpha	10	255	264	Original intake document number
ship number	Alpha	6	265	270	Ship number for which pallet is destined; comes from instruction; e.g. "200045"
temperature	Numeric	5.2	271	276	-&&&&
combo_pallet_id	Alpha	9	277	285	Used for mini pallets Will be blank and put into combo_ssc field
temp_device_id	Alpha	20	286	305	"Sensitech"
temp_device_type	Alpha	2	306	307	"Sensitech"
boe_no	Alpha	6	308	313	Bill of Entry number
principal	Alpha	2	314	315	
Ssc	Alpha	18	316	333	
Nett mass	Numeric	-4.3	334	342	-&&&&.&&&
Saftbin1	Alpha	16	343	358	
Saftbin2	Alpha	16	359	374	
Saftbin3	Alpha	16	375	390	
Orig_account	Alpha	6	391	396	Original account
Inspec_date	Date	8	397	404	Inspection date

Stack_variance	Alpha	1	405	405	Stacking variance
FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
Store_type	Alpha	1	406	406	Store type
Batch_no	Alpha	20	407	426	Batch number
Waybill_no	Alpha	10	427	436	Waybill number
Gtin	Alpha	14	437	450	GTIN number
Packh_code	Alpha	7	451	457	Packhouse code
Steri_flag	Alpha	2	458	459	Steri flag
Steri_dest	Alpha	2	460	461	Steri destination
Label_type	Alpha	1	462	462	Label type
Prov_flag	Alpha	1	463	463	Provisional intake
SellbyCode	Alpha	10	464	473	Sell-By-Code
Combo_ssc	Alpha	18	474	491	Combo Pallet id ssc
Inspector	Alpha	6	492	497	Inspector Code
Inspect_pnt	Alpha	6	498	503	Inspection Point
Expiry-code	Alpha	10	504	513	
Orchard	Alpha	15	514	528	
Target_region	Alpha	5	529	533	
Target_country	Alpha	2	534	535	
Global_gap_number	Alpha	20	536	555	
Lot_no	Alpha	20	556	575	
Traceability_code	Alpha	20	576	595	
Season	Alpha	4	596	599	
Orig_inspec_date	Date	8	600	607	
Inner_pack	Alpha	10	608	617	
Inner_cartons	Number	5	618	622	
Production_id	Alpha	20	623	642	
Protocol_exception_indicator	Alpha	2	643	644	
UPN	Alpha	25	645	669	
Pallet_treatment	Alpha	30	670	699	IPPC treatment code
Pallet Gross Mass	Numeric	-5.3	700	709	-&&&&.&&& SOLAS zero tolerance <b>CARRIED ON PALLET 1<sup>st</sup> SEQUENCE ONLY</b>
SAMSA Accreditation	Alpha	10	710	719	
Weighing Location	Alpha	7	720	726	
Weighing Date Time	Date Time	13	727	739	yyyymmddhh:mm
Main Area	Alpha	2	740	741	
Production Area	Alpha	16	742	757	

Phyto_data	Alpha	10	758	767	2 char Protocol (e.g. Citrus EU, Citrus South Korea ), 2 char FMS pallet status, 6 char space filler.
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**BATCH TRAILER record format - type BT**

FIELD NAME	TYPE	SIZE	FROM	TO	COMMENTS
record type	Alpha	2	1	2	BT
network address	Alpha	3	3	5	location id of sending depot
batch 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.
record count	Number	7	12	18	Number of records in file, including the BH and BT records
OH count	Number	5	19	23	Number of OH records in file
OL count	Number	5	24	28	Number of OL records in file
OC count	Number	5	29	33	Number of OC records in file
OK count	Number	5	34	38	Number of OK records in file
OP count	Number	5	39	43	Number of OP records in file
total carton count	Number	8	44	51	Sum of cartons on OP records
total pallet count	Number	9	52	60	Sum of pallets on OP records; &&&&&&. &&