



Vessel Schedule & Vessel Routing Specification

Version 1.14

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1. CHANGE REGISTER

DATE	VERSION	AUTHOR	CHANGE DESCRIPTION
17/06/2008	v1.5	Tony Latella	Added Inbound Call Number to DP World Vessel Schedules to differentiate between dual call vessels.
17/6/2008	V1.6	Tony Latella	Added Hazardous Receival Start and Hazardous Cut-Offs times to DP World Vessel schedule.
26/09/2008	V1.7	Ken Jiang	Added a new Field First Free Import Start DateTime for DP World Vessel Schedule Spec. RE: WR17-325 - PIP - Vessel Schedule - DP World Import Availability Date
26/03/2010	V1.8	Henry Aguilar	Added a new Field Berth Code related to WR07-391 - Customer Portal Reports
12/05/2010	V1.9	Henry Aguilar	Added new field Vessel ID related to reports
20/05/2014	V1.8	Tony Latella	Added a new Field Empty Cut-off Date-Time related to enhanced VBS Stack Run Module
17/07/2014	V1.9	Tony Latella	Added Berth Code and Vessel ID
6/11/2014	V1.10	Sohaib Akhtar	Added a new field for empty containers called MT Cut-off Start DateTime Change field length for Berth Code from 2 to 5 and Vessel ID from 3 to 8
16/08/2017	V1.11	Tony Latella	Added a new field for empty containers called MT Receival Start DateTime Changed Length of Vessel ID from 8 to 12
24/08/2017	V1.12	Tony Latella	Added a new field for Reefer containers called Reefer Receival Start DateTime
28/08/2017	V1.13	Simba Mutsiwa	Changed Max Length of Ship Operator Voyage Out and Ship Operator Voyage In from 8 to 10. Removed references to ACOS. Changed Max Length of Operators Description from 40 to 60. Added BARGE and CON to the list of Vessel Indicator Codes. Added Interpreting Specifications sub-section. Changed Max Length of Call Sign from 8 to 10. Changed date formats. Changed Vessel Routing File table.
12/07/2018	V1.14	Andres Pinar	Added a new field to receive the Vessel Visit ID

2. DATA REQUIREMENTS

- The Vessel Schedule and the Routing data files are normally sent from the Terminal to the 1-Stop messaging Gateway
- 1-Stop uses the data in various systems to validate PRA information, VBS bookings are correct, Train Consist data is validated.
- The file format should be CSV (Comma Separated Variable field width).
- Data that includes commas should be enclosed in double quotes (eg “XYZ Shipping, Ltd”).
- The vessel schedules and routing should include **both** container and non-container (bulk, auto) vessels if possible.
- The vessel schedules and routing should only be for terminals and ports that the respective vessels will visit.
- Vessel Schedule & Vessel Routing files can be received via:
 - Email
 - Vessel Schedule
 - Email Address – vsched20@test.1-stop.biz (for the test environment) and vsched@edi.1-stop.biz (for the production environment)
 - Subject – Case sensitive “Vessel Schedule”
 - Vessel Routing
 - Email Address – vroute20@test.1-stop.biz (for the test environment) and vroute@edi.1-stop.biz (for the production environment)
 - Subject – Case sensitive “Vessel Routing”
 - FTP – Please contact 1-Stop to set this up.
 - API – Please contact 1-Stop to set this up.

2.1 Interpreting Specifications

M = Mandatory.

O = Optional - fields can be blank. The file will still be processed. Data is required if the Terminal wants 1-Stop systems to check and validate against the data items.

A = Alpha.

N = Numeric.

AN = Alphanumeric.

2.2 Vessel Schedule File

FIELD NAME	FORMAT	M/C	MAX LENGTH	DESCRIPTION	FIELD NAME
UN Loc Code	A	M	5	UN Location Code	UN Loc Code
Terminal ID	AN	M	6	Contractor Code	Terminal ID
ETA	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	O	13	Estimated DateTime of Vessel Arrival	ETA
ETD	YYYYMMDD HHMM,	O	13	Estimated DateTime of Vessel departure	ETD

	YYYYMMDDHHMM or YYYYMMDD				
Ship Name	AN	O	30		Ship Name
Ship Operator Voyage Out	AN	M	10		Ship Operator Voyage Out
Lloyds ID	N	M	8	Lloyds Number (IMO Code)	Lloyds ID
Cargo Cut-off Date	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	O	13	General container cargo cut-off DateTime	Cargo Cut-off Date
Reefer Cut-off Date	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	O	13	Refrigerated container cargo cut-off DateTime	Reefer Cut-off Date
Line Operators (Slot Charterer)	A	M	4	Shipping Line Operator code	Line Operators (Slot Charterer)
Operators Description	AN	O	60	Shipping Line Operator name	Operators Description
Ship Operator Code	A	M	4	Shipping Line Operator code	Ship Operator Code
Ship Operator Voyage In	AN	O	10		Ship Operator Voyage In
Export Reveal Commencement DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	O	13	Date and time when full containers will be accepted by the Terminal.	Export Reveal Commencement DateTime
Import Availability DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	O	13	Import Availability DateTime – time from which the container can be picked up from the terminals. Usually set when the last container is discharged from the vessel.	Import Availability DateTime
Import Storage Start DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	O	13	Import Storage Start DateTime – time when the terminals start to charge container storage fees for leaving	Import Storage Start DateTime

				the cargo at the terminal.	
Container Vessel indicator (Vessel Type)	A	0	8		Container Vessel indicator (Vessel Type)
Actual Arrival Date	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	Actual Vessel Arrival Date	Actual Arrival Date
Actual Depart Date	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	Actual Vessel Departure Date	Actual Depart Date
Call Sign	AN	0	10	Vessel Radio Call sign	Call Sign
Call Number	N	0	1	Call Number differentiates between dual call vessels	Call Number
Hazardous Receival Commencement DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	Hazardous Receival Commencement DateTime – time from which Hazardous containers can be dropped off at the terminal.	Hazardous Receival Commencement DateTime
Hazardous Cut-off DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	Hazardous Cut-off DateTime – last time when Hazardous containers can be dropped off at the terminal.	Hazardous Cut-off DateTime
First Free Import Start DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13		First Free Import Start DateTime
Berth Code	AN	0	5		Berth Code
Vessel ID	AN	0	12		Vessel ID
MT Cut-off DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	The empty container Cut-off DateTime.	MT Cut-off DateTime

				<p>If not supplied then 1-Stop systems will default to using Cargo Cut-off Date when checking empty and full containers.</p> <p>Used to check normal empty container delivery.</p> <p>Required to validate the Cutoff Date for MT containers used in the VBS Stack Run IN module.</p>	
MT Receival Start DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	<p>The empty container Receival Start DateTime.</p> <p>Used to check normal empty container delivery.</p> <p>Used in conjunction with MT Cut-off DateTime</p> <p>If not supplied then 1-Stop systems will default to using Export Receival Commencement DateTime when checking empty and full containers.</p>	MT Receival Start DateTime
Reefer Receival Start DateTime	YYYYMMDD HHMM, YYYYMMDDHHMM or YYYYMMDD	0	13	<p>The reefer container Receival Start DateTime.</p> <p>Used to check normal reefer container delivery.</p> <p>Used in conjunction with Reefer Cut-off Date</p> <p>If not supplied then 1-Stop systems will</p>	Reefer Receival Start DateTime

				default to using Export Receipt Commencement DateTime when checking empty and full containers.	
Vessel Visit ID	AN	O	14	The unique identifier for a Vessel Visit.	Vessel Visit ID

2.3 Vessel Routing File

FIELD NAME	FORMAT	M/C	MAX LENGTH	DESCRIPTION
Terminal Code	AN	M	6	Contractor Code
Ship Name	AN	O	30	
Voyage	AN	M	10	Ship Operator Voyage Out
Lloyds ID	N	M	8	Lloyds Number (IMO Code)
Discharge Port (UN/Locode)	A	O	5	Discharge Port
Port Name	AN	O	40	Discharge Port Name
Country Name	A	O	30	Discharge Port Country

3. TIMING REQUIREMENTS

Updated Vessel Schedule and Routing Files need to be sent to 1-Stop at the following times (AEST) (or more frequently to ensure 1-Stop is up to date with the facility):

0200, 0600, 0800, 1000, 1200, 1400, 1600, 1800, 2200

4. CONTAINER VESSEL INDICATOR CODES

BULK: bulk ship

CCCR: Car carrier and container

LOLO: lift-on lift-off (would usually apply to pure container ship)

PCTC: Pure car and truck carrier

RORO: Roll-on Roll-off

BARGE: Carries freight on canals and rivers
 CON: Container
 blank: not specified (widely used)

5. SAMPLES

Note: The first vessel record is for the Vessel Operator and each subsequent vessel record is the Line Operator, therefore, data for each vessel is the same except for the Line Operator.

5.1 Vessel Schedule Sample

UN Loc Code,Terminal ID,ETA,ETD,Ship Name,Ship Operator Voyage Out,Lloyds ID,Cargo Cutoff Date,Reefer Cutoff Date,Operators,Operators Description,Ship Operator Code, Ship Operator Voyage In,Export Receival Commencement Date,Import Availability Date,Import Storage Start Date,Vessel Type,Actual Arrival Date,Actual Depart Date,CallSign,CallNumber,Haz Receive Date,Haz Cutoff Date,First Free Import Start Date,Berth Code,Vessel Id,MT Cutoff DateTime,MT Recieval Start DateTime,Reefer Receival Start DateTime,Vessel Visit ID
 AUSYD,ASLPB,20030608 0929,20030610 2200,CMC DIAMOND,018,7814826,20030605
 2359,20030605 2359,HMM,HYUNDAI MERCHANT MARINE,PIL,017,20030530 0530,20030610
 0001,20030616 0000,,20030608 0929,20030611 0600,,,,,,,,,20030611 0600,20030609 0600,
 20030609 0600,18MST7815E

5.2 Vessel Routing Sample

Terminal Code,Ship Name,Voyage,Lloyds ID,Discharge Port,Port Name,Country Name
 ASLPB,P&O NEDLLOYD LOS ANGELES,397N,7811484,NZAKL,AUCKLAND,NEW ZEALAND