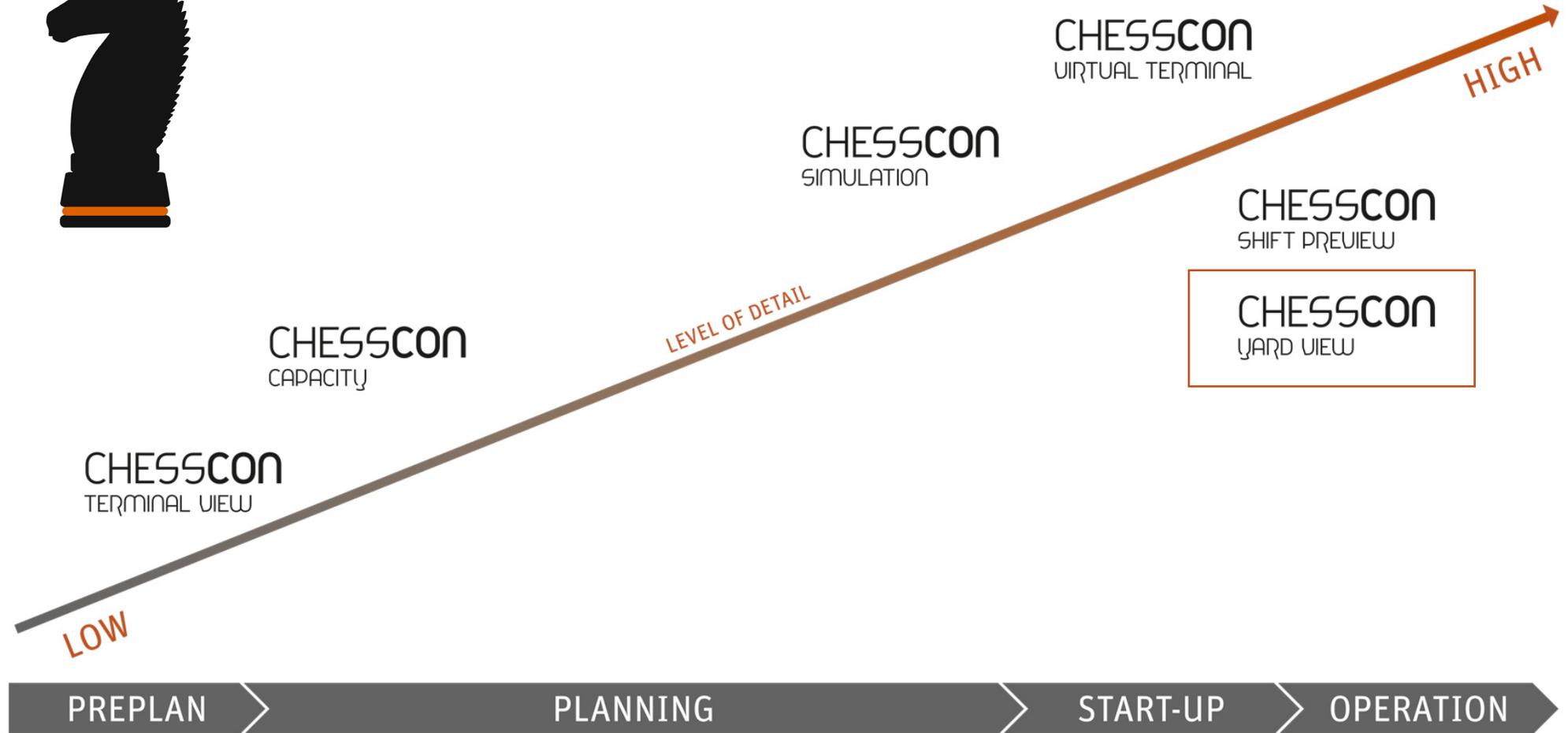




CHESSCON

YARD VIEW

OPTIMIZATION SOFTWARE FOR CONTAINER TERMINALS



CHESSCON YARD VIEW



- Software tool for yard planners
- operational planning software
- no simulation tool

CHESSCON YARD VIEW

- 3D overview of your container and car terminal
- depicts real container and car inventory
- have a look at your yard from any position
- easy connection to any given TOS
- shows yard as detailed as needed
- no limits in filtering container inventory: self-made customizing to your own requirements

CHESSCON
YARD VIEW

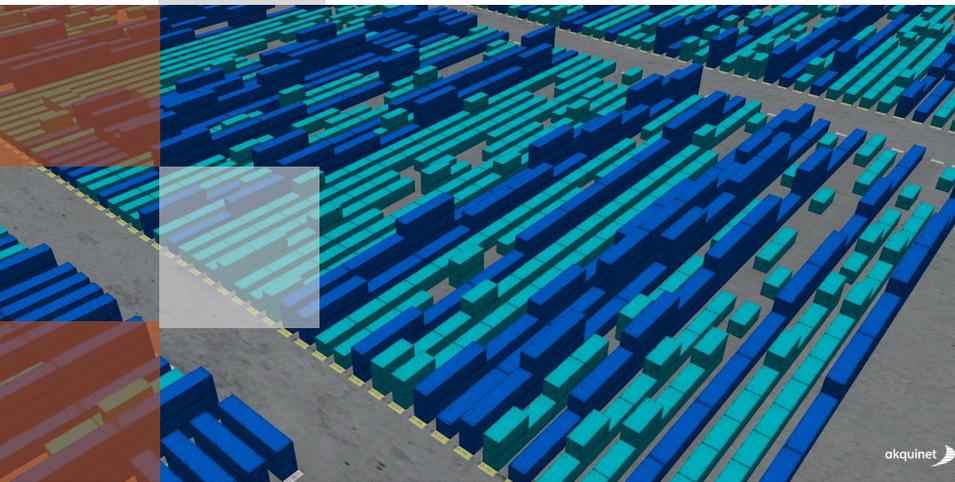


HOW TO CONFIGURE CHESSCON YARD VIEW



- a 3D layout must be created once
- this can also be done through an import tool
- you need at least:
 - a technical drawing
 - a flat file of all existing slots (area, slot, tier, x,y)
 - a list of all containers with positions & attributes

HOW DOES CHESSCON YARD VIEW WORK



-  20' containers
-  40' containers

- TOS writes the container inventory to a flat file
 - online connection also possible
- this flat file can have an unlimited number of attributes
 - POD, POL, Voyage,
- Yard View reads this flat file
- the user can create container filters like in Excel
- get a 3D overview with just one click

HOW DOES CHESSCON YARD VIEW WORK?



ONLY ONE CLICK TO
SHOW FILTER IN 3D

USER DEFINES
FILTERS

TOS WRITES
INVENTORY

The screenshot displays the Chesscon software interface. On the left is the 'SPARC5 N4 2.2.4.2' control panel with various tabs like 'Vessel', 'Train', 'Yard', and 'Container'. In the center is a 'Define Item Filter' dialog box with a table of container attributes:

#	Id	ISO	Length	Height	Weight	Area	X	Y	Z
1	APC02010	22G1	20	2.59	22469	A01	A01.003	002	1
2	APC02010	22G1	20	2.59	22399	A01	A01.003	002	2
3	APC02009	22G1	20	2.59	16544	A01	A01.003	003	2
4	APC02012	22G1	20	2.59	26285	A01	A01.003	001	3
5	APC02009	22G1	20	2.59	21572	A01	A01.003	004	3
6	APC02010	22G1	20	2.59	26567	A01	A01.003	002	4
7	APC02009	22G1	20	2.59	24765	A01	A01.003	003	4
8	APC02009	22G1	20	2.59	9594	A01	A01.007	002	1
9	APC02008	22G1	20	2.59	21585	A01	A01.007	003	1
10	APC02009	22G1	20	2.59	22246	A01	A01.007	001	2
11	APC02009	22G1	20	2.59	28565	A01	A01.007	003	2
12	APC02009	22G1	20	2.59	22310	A01	A01.007	002	4
13	APC02011	22G1	20	2.59	22524	A01	A01.007	005	4
14	APC02010	22G1	20	2.59	15365	A01	A01.011	001	1
15	APC02012	22G1	20	2.59	18553	A01	A01.011	002	1
16	APC02011	22G1	20	2.59	25158	A01	A01.011	003	1
17	APC02011	22G1	20	2.59	9716	A01	A01.011	006	1
18	APC02009	22G1	20	2.59	20893	A01	A01.011	005	2
19	APC02012	22G1	20	2.59	24182	A01	A01.011	002	3
20	APC02009	22G1	20	2.59	29410	A01	A01.011	005	3
21	APC02011	22G1	20	2.66	21300	A01	A01.011	006	3

On the right is the 'Chesscon Yard View' window showing a 3D perspective of a port yard with cranes and containers. Below it is a filter configuration window with a table:

Filter Name	Filter Column	Filter Value
Special containers		
Flow		
Depart1		
By Length		
Tier wise		
Vessel import		

At the bottom right, there are buttons for 'Gray Rows', 'Clear Rows', 'Restore Rows', 'Use View', 'Gray', 'Clear', 'Restore', and 'Show Filter'.

No limits in filtering
container inventory

CONTAINER INVENTORY IN A 3D MODEL



CHESSCON YARD VIEW – CONTAINER FILTER LIST



Chesscon Yard-Viewer

File Edit Help

CHESScon Yard View

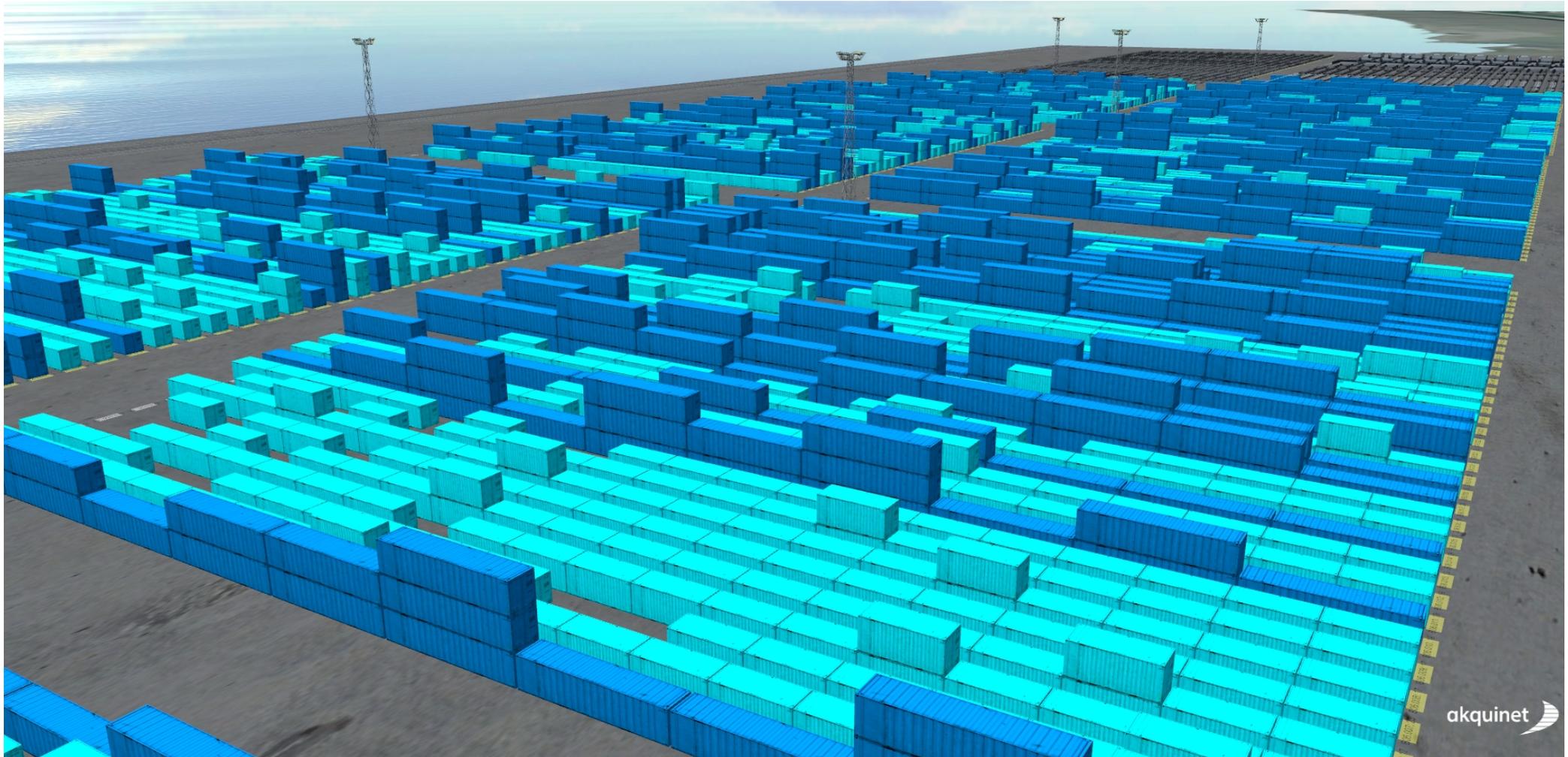
Item Filter Row Filter Selection Row list Distance Restow Info

By Length (14509) Intersection

Filter Name	Filter Column	Filter Value	Palette	Color	View	Group
DMOD			DMOD			
Flow			Flow			
Depart			Depart			
> By Length			Length			
Tier wise			Z			
POD			POD			
new filter	POD	DEBER				

Gray Rows Clear Rows Restore Rows Use View Gray Clear Restore **Show Filter**

FILTERED CONTAINERS BY LENGTH IN A 3D MODEL



CHESSCON YARD VIEW – FILTER OPTIONS



Define Item Filter

File Edit

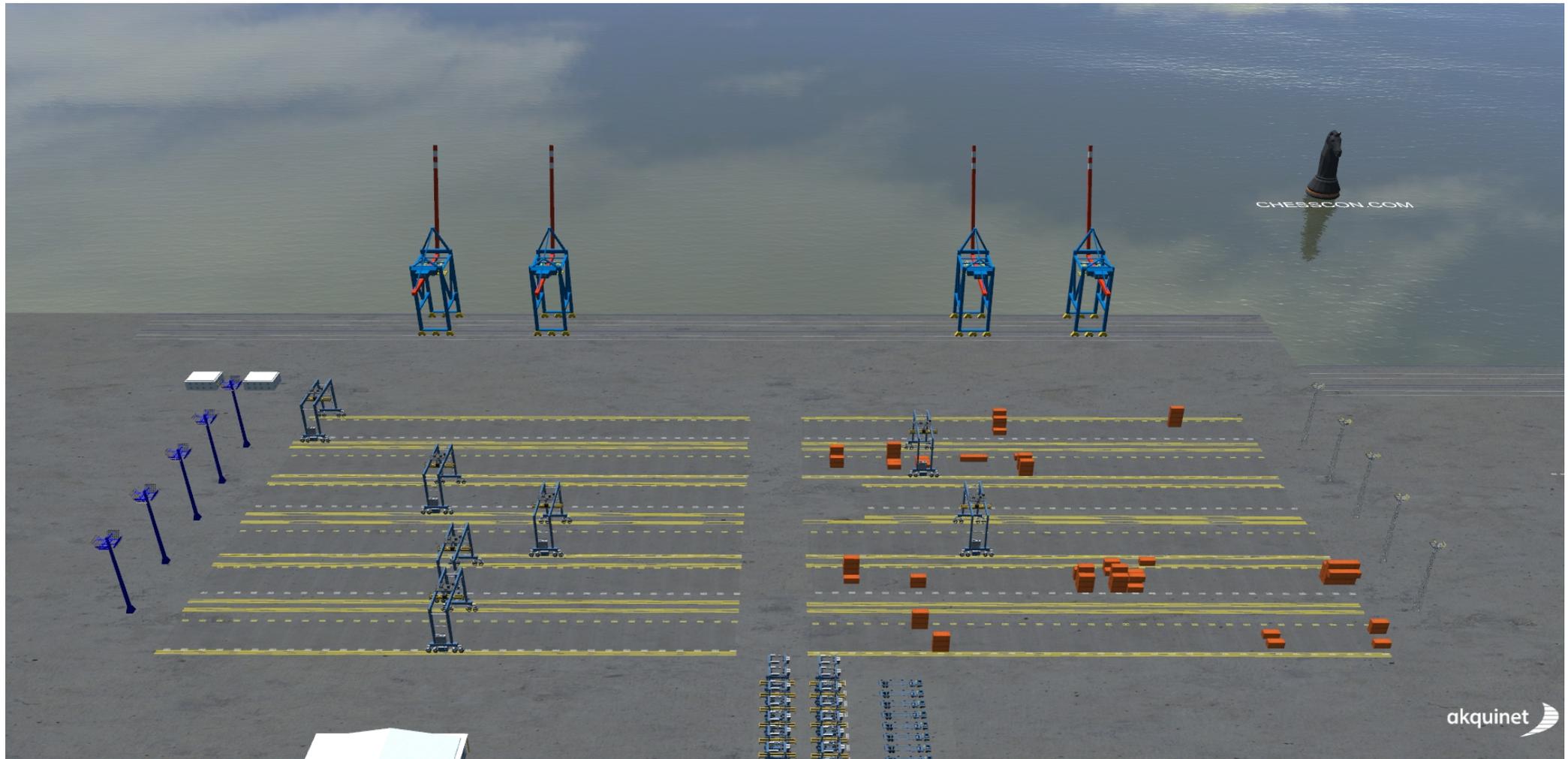
Filter name: new filter Palette: Depart Quick Filter Column: NoFilter Group: Save filter

Drag a column header here to group by that column

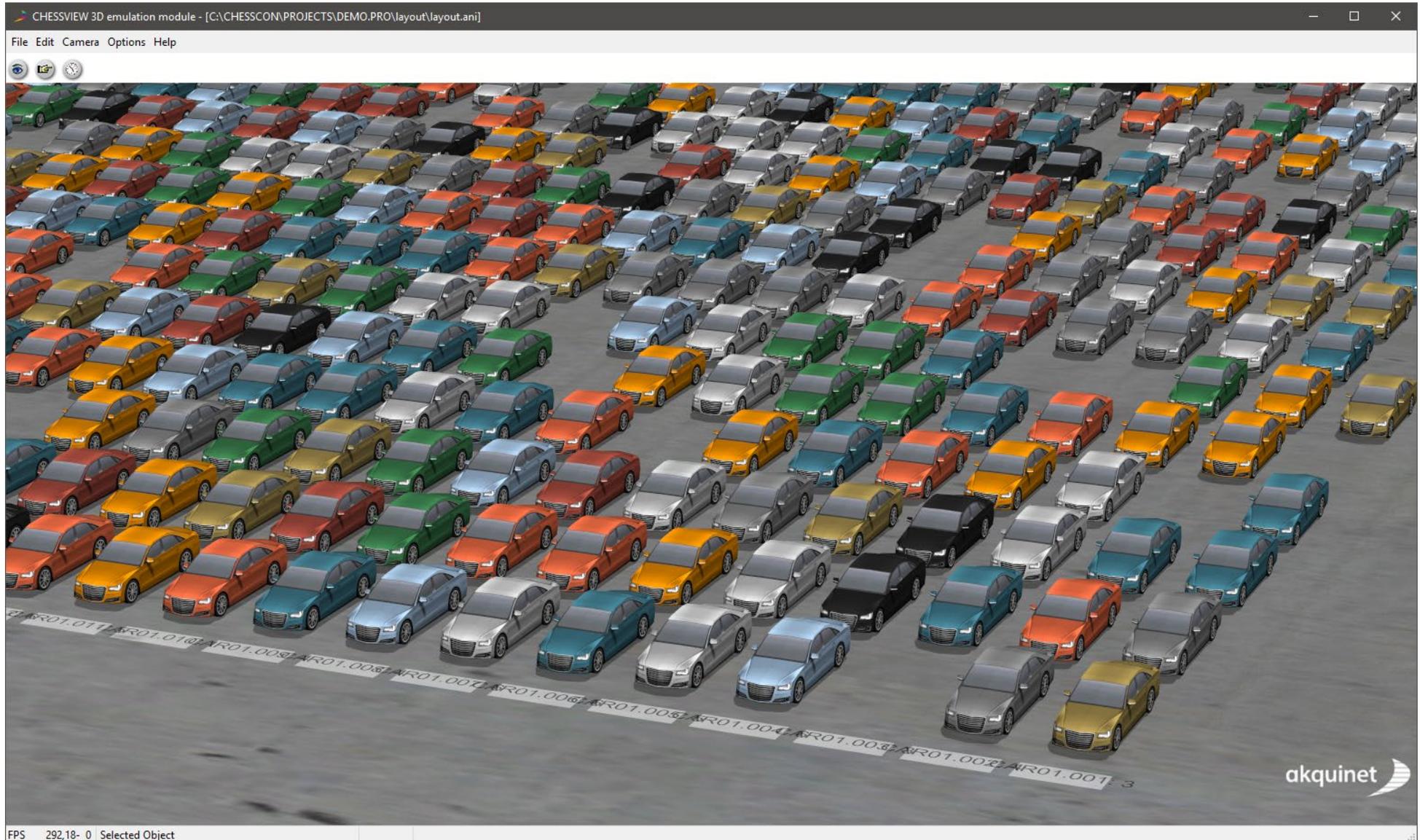
Id	ISO	Length	Height	Weight	Area	X	Y	Z	Flow	E...	Arrival	Depart	DMOD	AMOD	ISFL	ISHZ	ISRF	LNTH	POD
APCI200700	22G1	20	2.59	28697	A01	A01.033	001	1	IMPORT	F	VESSEL2	VESSEL	VESSEL	Y	N	N	20	DKAAR	
APCI200658	22G1	20	2.59	18733	A01	A01.033	002	1	IMPORT	F	VESSEL2	VESSEL	VESSEL	Y	N	N	20	DKAAL	
APCI202487	22G1	20	2.59	3694	A01	A01.033	003	1	IMPORT	F	RAIL1	VESSEL	RAIL	Y	N	N	20	DKAAR	
APCI200659	22G1	20	2.59	19661	A01	A01.033	004	1	IMPORT	F	VESSEL2	VESSEL	VESSEL	Y	N	N	20	DKAAL	
APCI202508	22G1	20	2.59	10538	A01	A01.033	005	1	IMPORT	F	RAIL1	VESSEL	RAIL	Y	N	N	20	DKCPH	
APCI202499	22G1	20	2.59	27520	A01	A01.033	006	1	IMPORT	F	RAIL1	VESSEL	RAIL	Y	N	N	20	DKAAR	
APCI200705	22G1	20	2.59	12292	A01	A01.033	003	2	IMPORT	F	VESSEL2	VESSEL	VESSEL	Y	N	N	20	DKAAR	
APCI202469	22G1	20	2.59	23462	A01	A01.033	004	2	IMPORT	F	RAIL1	VESSEL	RAIL	Y	N	N	20	DKAAL	
APCI200748	22G1	20	2.59	21367	A01	A01.033	005	2	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	20	DKCPH
APCI202481	22G1	20	2.59	14348	A01	A01.033	003	3	IMPORT	F	RAIL1	VESSEL3	VESSEL	RAIL	Y	N	N	20	DKAAR
APCI201791	22G1	20	2.59	14599	A01	A01.033	003	4	IMPORT	F	TRUCK	VESSEL3	VESSEL	TRUCK	Y	N	N	20	DKAAR
APCI203737	45G1	40	2.59	24770	A01	A01.038	001	1	IMPORT	F	TRUCK	VESSEL3	VESSEL	TRUCK	Y	N	N	40	DKAAR
APCI203232	45G1	40	2.59	29847	A01	A01.038	002	1	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	40	DKCPH
APCI204092	45G1	40	2.59	10353	A01	A01.038	003	1	IMPORT	F	RAIL1	VESSEL3	VESSEL	RAIL	Y	N	N	40	DKAAR
APCI203194	45G1	40	2.59	18599	A01	A01.038	004	1	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	40	DKAAR
APCI204081	45G1	40	2.59	23717	A01	A01.038	005	1	IMPORT	F	RAIL1	VESSEL3	VESSEL	RAIL	Y	N	N	40	DKAAL
APCI203196	45G1	40	2.59	29777	A01	A01.038	006	1	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	40	DKAAR
APCI204090	45G1	40	2.59	25175	A01	A01.038	001	2	IMPORT	F	RAIL1	VESSEL3	VESSEL	RAIL	Y	N	N	40	DKAAR
APCI203230	45G1	40	2.59	15663	A01	A01.038	002	2	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	40	DKCPH
APCI203193	45G1	40	2.59	18384	A01	A01.038	003	2	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	40	DKAAR
APCI203743	45G1	40	2.59	14054	A01	A01.038	006	2	IMPORT	F	TRUCK	VESSEL3	VESSEL	TRUCK	Y	N	N	40	DKAAR
APCI203199	45G1	40	2.59	18964	A01	A01.038	003	3	IMPORT	F	VESSEL2	VESSEL3	VESSEL	VESSEL	Y	N	N	40	DKAAR
14509																			

<Filter is Empty> Customize...

FILTERED CONTAINERS FOR THE NEXT VESSEL



CHESSCON YARD VIEW – CAR INVENTORY



CHESSCON YARD VIEW – CAR FILTER



Define Item Filter

Filter name: POD Hamburg

Palette: Model

Quick Filter Column: NoFilter

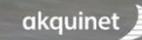
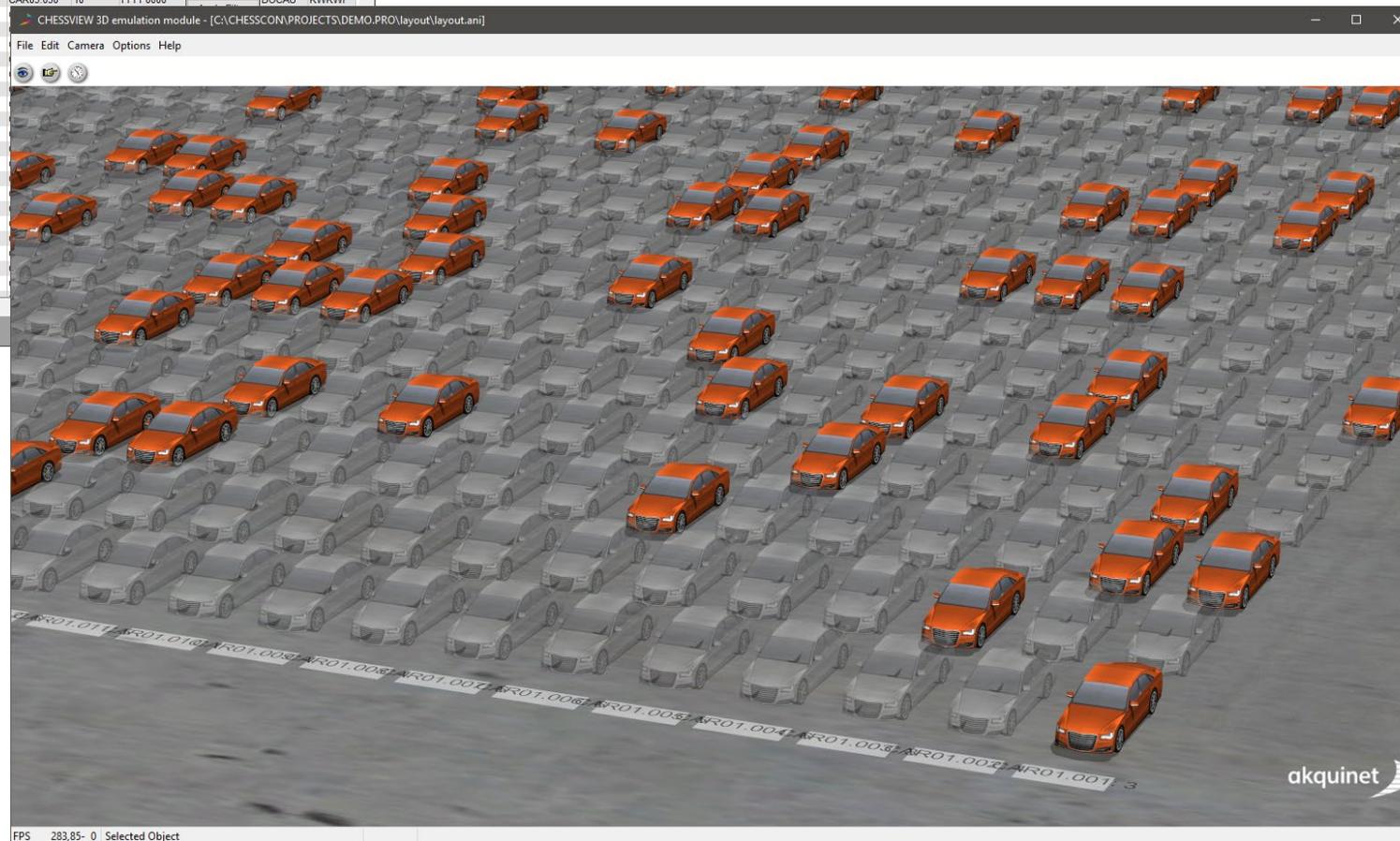
Group:

Drag a column header here to group by that column

#	Id	Model	Length	Width	Height	Weight	Area	X	Y	Color	DIMOD	POL	POD
	CARB20393	CAR-B	460	187	145	3788	CAR03	CAR03.027	7	FF0026FF	(All)	GTSTC	PYASU
	CARB20397	CAR-B	460	187	145	2598	CAR03	CAR03.027	8	FFFF0000	<input type="checkbox"/> EXPORT	USBW	USBAL
	CARB20403	CAR-B	460	187	145	3311	CAR03	CAR03.027	9	FF0026FF	<input type="checkbox"/> IMPORT	USORF	OMSOH
	CARB20445	CAR-B	460	187	145	3869	CAR03	CAR03.030	1	FFFF0000	<input type="checkbox"/> STORAGE	MACAS	GBTIL
	CARB20466	CAR-B	460	187	145	3582	CAR03	CAR03.030	10	FFFF0000	<input checked="" type="checkbox"/> TRANSSHIP	DOCAU	KWKWI
	CARB20474	CAR-B	460	187	145	2974	CAR03						
	CARB20475	CAR-B	460	187	145	2629	CAR03						
	CARB20482	CAR-B	460	187	145	2115	CAR03						
	CARB20484	CAR-B	460	187	145	2201	CAR03						
	CARB20485	CAR-B	460	187	145	1806	CAR03						
	CARB20490	CAR-B	460	187	145	1665	CAR03						
	CARB20493	CAR-B	460	187	145	3837	CAR03						
	CARB20494	CAR-B	460	187	145	3749	CAR03						
	CARB20497	CAR-B	460	187	145	3584	CAR03						
	CARB20446	CAR-B	460	187	145	1918	CAR03						
	CARB20498	CAR-B	460	187	145	3971	CAR03						
	CARB20448	CAR-B	460	187	145	3191	CAR03						
	CARB20449	CAR-B	460	187	145	2747	CAR03						
	CARB20450	CAR-B	460	187	145	2891	CAR03						
	CARB20451	CAR-B	460	187	145	2560	CAR03						
	CARB20458	CAR-B	460	187	145	3783	CAR03						
	CARB20459	CAR-B	460	187	145	1584	CAR03						
	CARB20461	CAR-B	460	187	145	2336	CAR03						
	CARA10001	CAR-A	512	198	147	3864	CAR01						
	4009												

<<Filter is Empty>>

EXAMPLE:
BUILD A FILTER WITH ALL TRANSSHIPMENT CARS



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