Shore Power for Ocean-going Vessels Instructions for Checking and Correcting Errors with the Compliance Database Tool September 18, 2012

The following instructions will guide you through checking and correcting errors with the Compliance database Tool.

- 1) These instructions are maintained on the **Shore Power website**. Be sure to check the website for periodic updates. (<u>http://arb.ca.gov/ports/shorepower/shorepower.htm</u>)
- 2) These instructions assume that you have a Compliance database Tool already populated with data. Otherwise, visit the Shore Power website for instructions on importing data into the Compliance database Tool.
- 3) After importing data into the Compliance database tool, data is checked for flags and errors. For demonstration purposes, I have imported the examples database. In the screen capture below, Q1 contains two flags and six errors and Q2 contains thirteen flags but no errors. These flags and errors are highlighted red which indicates that there is a potential problem during the quarter.

(united and	ARI	ool								
- und Al		Database Tools								
The second	Impor	t data from a file	Export data	Erase a	all data	h.				
	Import	data from a folder	Recheck Errors and F	lags						
		Fleet	Port	Compliance	Year	wind for				
	Problem	Carrier 💌 PL	A/PLB		2015 🗸 🛓					
2015 Compliant	e Summa	ary for Problem Car	rier at PL 4/PL B							
2010 compilant	an contra	0 chara Davias		40 (1-1414)-	40 (1-1414)	Controlling				
Poquiromonto:	#VISITS	% Shore Power	% Emission Reduction		#VISITS WITH	Statement				
Q1 Details	6	Can not compute	Can not compute	2	6	Q1 Statement				
Q2 Details	11	73%	57%	13	0	Q2 Statement				
Q3 Details	1					Q3 Statement				
Q4 Details]					Q4 Statement				
· · · · · · · · · · · · · · · · · · ·				-						

- 4) A Flag indicates that the data entered for a port visit will be reviewed closely and does not necessarily mean anything is wrong. The Compliance database tool will still try to calculate compliance even with flags. The following is a list of all issues that may be flagged by the Compliance database tool.
 - a. Flags relating to a port visit delay
 - i. This visit includes a delay
 - ii. No documentation for delay
 - iii. Delay longer than 3 hours
 - iv. Delay lacks explanation
 - b. Flags relating to an emergency
 - i. This visit includes an emergency
 - ii. No documentation for emergency
 - iii. Emergency lacks explanation

- c. Flags relating to a visit overlap
 - i. Visit overlaps with another ship
 - ii. Ship appears in more than one dock at the same time
 - iii. Ship visited multiple berth within 2 hours
- 5) An Error indicates that there is a problem with the data. The Compliance database tool will not calculate compliance if an error is detected. The following is a list of all errors reviewed by the Compliance database tool.
 - a. Errors relating to the arrival or departure time
 - i. Departure time is before arrival time
 - b. Errors relating to the Auxiliary Engines
 - i. Auxiliary engine start time is before auxiliary engines shut off time
 - ii. Auxiliary engine shut off before arrival
 - iii. Auxiliary engine started after departure
 - c. Errors relating to a Delay
 - i. Delay started after Auxiliary engine shut down
 - ii. Delay longer than time to berth and shut down engines
- 6) The main page of the Compliance Database tool provides an overview of the compliance summary. Click the "View Errors and Flags" button to get a detailed overview list of all visits that contain an error or a flag.

Errors	and Flags Print Close									
Lloyd Number	123456									
Vessel Name	AlwaysError									
Port	PLA/PLB									
Berth	206									
Time of Arrival	/10/2015 11:00									
error	Check Arrival and Departure Times									
Lloyd Number	123456									
Vessel Name	AlwaysError									
Port	PLA/PLB									
Berth	207									
Time of Arrival	1/20/2015 11:00									
error	Check auxiliary engines shutoff and start time									

7) Clicking on the Q1, Q2, Q3, or Q4 details button will open a new window with more detailed information about a specific quarter. On this page, visit information is sorted by the arrival time to the port. However, information may also be sorted by any of the following: Vessel Name, Arrival, Stay (Hr), ShorePower (Hr), Emergency, Delayed, Errors, or Flags.

Quart	er Details	C	Close					
Q1	.Y2015 F	leet: Problem Carr	ier at port P	LA/PLB				
	Vessel Name	Arrival	Stay (Hr)	ShorePower (Hr)	Emergency	Delayed	Errors	Flags
Visit Details	AlwaysError	1/10/2015 11:00	-120.0				yes	
Visit Details	AlwaysError	1/20/2015 11:00	120.0	-118.0			yes	
Visit Details	AlwaysError	1/30/2015 11:00	120.0	120.0			yes	

 Clicking on the "Visit Details" button will open the "VisitEvents" window with very specific information about a single port visit. In addition, the right hand side of the screen of the "VisitEvents" window contains a number of tabs with specific information about errors or flags, if there are any.

VisitEve	ents	Close W	lindow
Lloyd Number	123456		Errors Flags Delays
Vessel Name	AlwaysError		Franciadiante e problem with a date. Compliance con pat he
Port	PLA/PLB		calculated with Errors.
Berth	207		
Time of Arrival	2/19/2015 11:00		Delay started after Auxiliary engines shut down
Time of Departure	2/24/2015 11	:00	Delay longer than time to berth and shut down engines
Electricity Provider	PLA/PLB		
Time Auxiliary engine:	2/19/2015 12	:00	
Time Auxiliary engine:	2/24/2015 10	:00	
Emergency Event			
Delayed Event Yes			
Edit Visi	t Details		

- 9) When an error has been identified, it can be corrected in two ways.
 - a. Errors can be corrected by editing the original Visit Information spreadsheets.
 - i. Before importing corrected data into the Compliance database tool, the database must be reset. From the main view, click the "Erase all data" button. This will delete all records in the Compliance database tool.
 - ii. Since the database is now blank, all the data must be re-imported back into the Compliance database tool.
 - iii. Because this method essentially restarts the compliance tool, it saves time to fix all errors at once.
 - b. Errors can also be corrected through the "Edit Visit Details" button.
 - i. This button will open the Visit Details window which gives direct access to the data in the Compliance database tool. Changes made in this window are immediate and cannot be undone.

	😑 Visit Details											
		Save and Close	Fo	rm								
·	Ship Information		ī I	-Visit Information				īſ	-ShorePower Inf	ormation		
	Fleet	Problem Carrier		Port	PLA/PLB				Electricity Provider		PLA/PLB	
	Vessel Name	AlwaysError		Berth	207	207			Time Auxiliary engines stopped		2/19/2015 12:00:00 P	M
l	Lloyd Number	123456		Time of Arrival	2/19/20	2/19/2015 11:00:00 AM			Time Auxiliary engines started		2/24/2015 10:00:00 A	M
l	Vessel Type	Container 3500 TI		Time of Departure 2/24/2		4/2015 11:00:00 AM		'				
l	Power Requirement	1900										
	Shore Power Capable	Yes										
CEmergency Information												
l	Emergency Event						Delayed Event Yes					
	Time of Start of Emergency						Time of Start of Delay 2/19/2015 2:00:00 PM			PM		
	Time of End of Emergency						Time of End of Delay 2/19/2015 8:00:00 PM			PM		
Emergency Explanation						Delay Explanation Coast Guard Safety C			ty Check			

- ii. It is possible to fix multiple problems before rechecking the data. Go back to the quarter details window, select a different Visit Event and edit the details.
- iii. When a change is made, the user will need to recheck for any errors and flags. Go back to the main view, and click the "Recheck Errors and Flags" button.