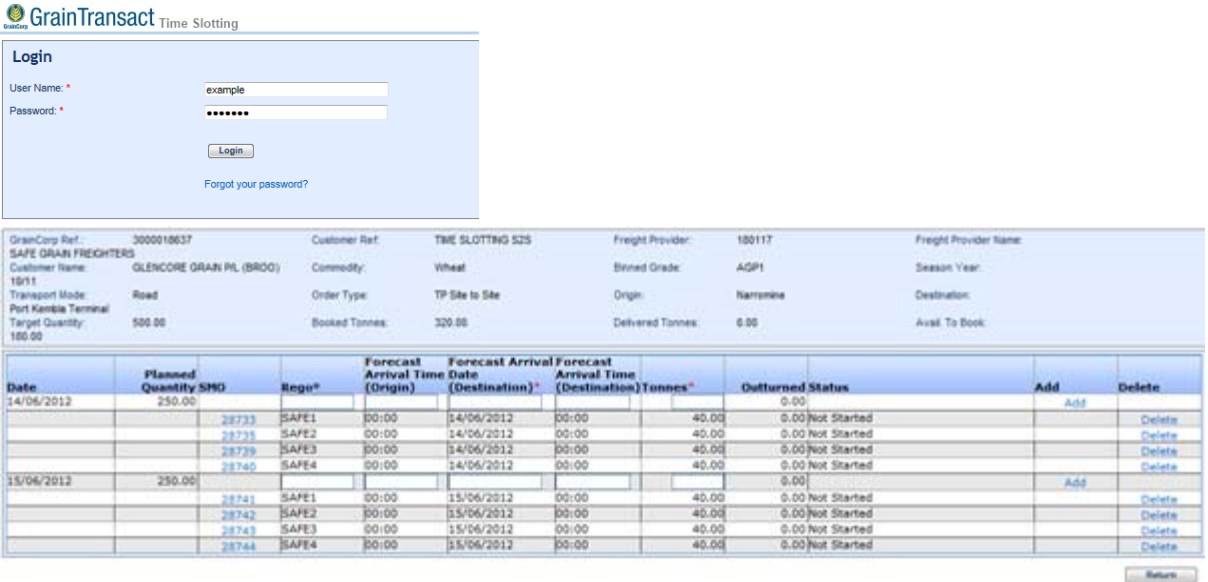


Table 40. Time-slotting of deliveries at large traffic generators.

Initiative 39: Time-Slotting of Deliveries/Pick-ups at Large Traffic Generators	
<p>Description: Designed to be used at LTGs, time-slotting of deliveries/pick-ups allows drivers to book their space before arriving to the delivery/pick-up place. Given that LTGs are usually managed by property management firms, managers are responsible for the daily operations of the facilities and they coordinate time slots, depending on the availability of the delivery/pick-up area.</p>	
<p>Targeted mode: Large traffic generators (LTGs), urban deliveries</p>	<p>Geographic scope: City, area</p>
<p>Type of initiative: Logistical management: last-mile delivery practices/time-slotting of deliveries/pick-ups for large traffic generators (LTGs)</p>	<p>Primary objective: Reduce congestion</p>
<p>Expected costs and level of effort to implement: Time-slotting of deliveries requires extensive collaboration between receivers, LTG managers, and carriers. Costs are those associated with the platform/technology used to manage the appointments, bays, and spaces.</p>	
<p>Advantages:</p> <ul style="list-style-type: none"> • Increase efficiency • Reduce congestion • Improve parking availability • Reduce vehicle-miles traveled • Environmental sustainability 	<p>Disadvantages:</p> <ul style="list-style-type: none"> • Low probability for unintended consequences: <ul style="list-style-type: none"> - Some carriers may claim the booking system would increase their work load • Require high/moderate coordination among multiple stakeholders/jurisdictions • Require high/moderate capital investments
<p>Typical example:</p> <ul style="list-style-type: none"> • Implementation of delivery space booking in Bilbao, Spain (C-LIEGE 2010) • Implementation of off-peak gate program at the Port of Vancouver in Canada (Dablanc et al. 2013) • Implementation of truck booking and time-slotting at GrainCorp in Australia (Regan and Garrido 2001) 	
 <p>The screenshot shows the GrainTransact Time Slotting interface. At the top, there is a 'Login' section with fields for 'User Name' (containing 'example') and 'Password' (masked with dots), and a 'Login' button. Below this is a 'Forgot your password?' link. The main part of the interface is a table displaying booking details for a GrainCorp reference 3000018637. The table includes columns for Date, Planned Quantity SMO, Regis#, Forecast Arrival Time (Origin), Forecast Arrival Time (Destination), Forecast Arrival Time (Destination) Tonnes, and Outturned Status. The table is divided into two date sections: 14/06/2012 and 15/06/2012. Each section shows a total planned quantity and a list of bookings with their respective arrival times and statuses. The status for all bookings is '0.00 Not Started'. There are 'Add' and 'Delete' buttons for each row, and a 'Return' button at the bottom right.</p>	
<p>Source: Regan and Garrido 2001</p>	
<p>Related alternatives: 1. Loading and Parking Restrictions; 2. Timesharing of Parking Spaces; 3. Improved Staging Areas; 4. Nighttime Delivery Bans; 5. Staggered Work Hours Program</p>	
<p>References: Regan and Garrido 2001; TURBLOG 2009; C-LIEGE 2010; FREILOT 2010; Holguín-Veras et al. 2010; Dablanc et al. 2013</p>	