



# PierPASS

## *Implementing Change*

Faster Freight – Cleaner Air  
2006



# PierPASS

## OffPeak Program





## Then...A Busy Day At LA/LB Ports



## Issues: Growth And Community

- Air Quality – regional issues
- Traffic – commute challenges
- Noise – neighborhoods near port
- Growth –community acceptance





## Legislative Action

- + Concerns from the Community
- + Lack of Productivity by terminals
- + Labor, trains & cargo issues of 2002
- + Labor shortages & cargo of 2004
- = Assembly Bill 2041 mandating night gates
  - (subsequently withdrawn in favor of PierPASS)



## An Industry Solution

- Creation of Marine Terminal Operator Group
- Consulted with:
  - Policy makers
  - Cargo owners
  - Truck company owners
  - Terminal operators
- Cost study by consultant
- Creation of PierPASS





## PierPASS OffPeak Hours Program

1. Provides a way for cargo owners & truckers to regularly work evenings and weekends
2. Provide the funding for off peak hours operations through a Traffic Mitigation Fee (TMF)
3. Shift significant amounts of cargo movements to off peak hours reducing day time traffic and congestion



## PierPASS Covers All Container Terminals





## Now....Busy Nights At LA/LB Ports



## How Does It Work?

- All laden international cargo is assessed a **Traffic Mitigation Fee** if it moves during Peak Hours of Monday-Friday 3 AM-6 PM
- These funds go to pay for the extra OffPeak PierPASS gates \$160M+ annually





## Traffic Mitigation Fee

\$40 per TEU  
( 20' container equivalent)

\*2004 JWD/PMA study



## Who Pays TMF?

- Paid for by Cargo Owner  
(*Shipper/Consignee or their agent*)
- Exceptions:
  - Intermodal (rail paying an ACTA fee)
  - Empty containers
  - Domestic containers
  - Transshipments to other ports





## Peak Hours

3 AM-6 PM Monday – Friday

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**The Traffic Mitigation Fee is  
DUE**



## 5 OffPeak Gates

Monday- Thursday

6 PM to 3 AM

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Saturday

8 AM to 5 PM

**Traffic Mitigation Fee Is NOT Due**



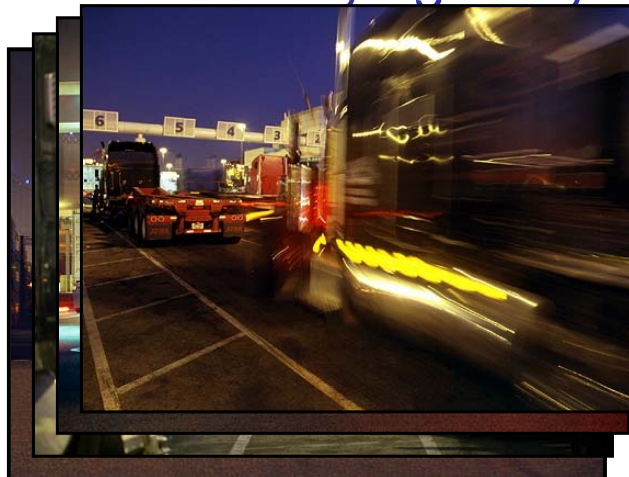


## How To Pay?

- Shippers/Consignee's can pay using the Internet ([www.pierpass-tmf.org](http://www.pierpass-tmf.org))
  - Credit cards (Visa, MC, AMEX)
  - Debit cards
  - TeleCheck
  - Billable accounts (ACH)



## OffPeak Staying Busy







## Results

- Over 11,000 companies registered in PierPASS
- Over 1,600 companies with approved credit limits for billing
- Over 900 invoices per week
- Over 850 credit card transactions per day



## PierPASS OffPeak Traffic

- 9,000-11,000 trucks per night
- 1 Million trucks in 5 months
- 2.6 Million trucks annually (est.)
- 30-33% of truck traffic to OffPeak gates
- 25-35 minutes inside terminal (average)
- 300+ new jobs at night





## PierPASS OffPeak Should Help Move Cargo More Efficiently

- Spread existing traffic across more hours
- Make better use of valuable port assets
- Reduce truck traffic on freeways during commute hours
- Create better truck turn times for existing truck fleet and driver base
- Reduce truck idling to reduce pollution



## PierPASS TruckTAG (RFID) Program

(March 2006)





## PierPASS TruckTAG (RFID)

- Issue up to 10,000 RFID tags to trucks that call the ports of LA and LB
- Link to driver data base
- Deliver driver/truck company data base to Marine Terminal security gate
- Use RFID tag to expedite secure entry and exit of marine terminals

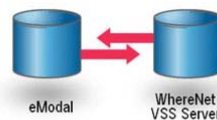


The Trucker Check database is used to match a Where Tag ID with each of the registered drayage vehicles in the eModal database



A sticker with the vehicle license plate is affixed to the WhereTag and mailed to the drayage company for application

When the drayage vehicle arrives at the terminal the WhereTag initiates the access verification process



Data updates are performed by the drayage company via Trucker Check. WhereTag ID and trucker data are synchronized in real time





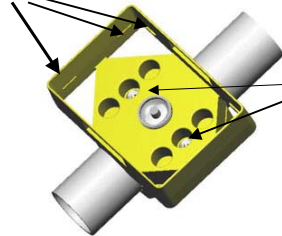
## PierPASS TruckTAG



- Tag emits a unique and encrypted ID signal
- Tag number is validated against secure data base
- Information is sent to the marine terminal operating system for use in secure check in

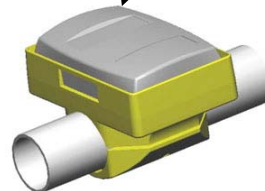


(Tag Locks)



1. Install Screws From Top into Inserts

2. Snap Tag Into Place Hiding All Anti-Tamper Features



- Tag Is Shipped Unarmed
- Once Tag is Inserted, Alarm is Armed
- Tag Will Alert System if Switch is Released





Tag and Tamper  
Resistant Mount



## Distribution

- Tags will be distributed through eModal
- Truck company will confirm drivers for their company in eModal data base
- Tags sent registered mail to truck company
- Truck drivers install tags on their trucks
- First 10,000 tags will be free prior to deadline





## Benefits

- Improve current federally mandated security requirements for terminal access
- Reduce the time spent checking in and out of the marine terminal
- Provide important information to terminal management



**Thank You**

[www.pierpass.org](http://www.pierpass.org)  
[www.pierpass-tmf.org](http://www.pierpass-tmf.org)

**Customer Service Center**

**1-877-863-3310**

