



Seafarers' House at Port Everglades

Van Transportation and TWIC Escort Monitor

1-Year Trend Analysis: April 2009 - March 2010

By

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I. EXECUTIVE SUMMARY

A. PURPOSE

This monitor examines use of Seafarers' House van transportation services in Port Everglades, and 1) measures the number of seafarers picked up from their ships and transported by van to Seafarers' House facility *the Casa*; 2) identifies the ships they came from; and 3) tracks the number of TWIC escorts Seafarers' House provided to seafarers on ships that call at Port Everglades.

B. PROCEDURES

Data were collected for 1-year between April 1, 2009 and March 31, 2010. Eight Seafarers' House drivers completed *Driver Transportation Logs* that record the number of seafarers picked up and the ship name. Only van transportation from ships to *the Casa* was monitored which does not include transport to town or back to the ships.

C. MAIN FINDINGS

- ✓ Seafarers' House provided **64,734 TWIC escorts** free of charge to seafarers in Port Everglades during the 1-year monitor.
- ✓ An average of **7,189 TWIC escorts** were provided per month to seafarers during the winter and an average of **3,599 TWIC escorts** were provided per month during the summer.
- ✓ On average, **143 seafarers** were picked up from their ships on a typical weekend day and **55 seafarers** on a typical week day. On February 20th, the busiest day, Seafarers' House vans picked up **641 seafarers** from their ships.
- ✓ Seafarers who used van transport came from **223 ships** owned or operated by **34 shipping companies**. Although **61% of the ships** using transport services were cargo ships, **85% of the crew** using transportation worked on cruise ships.

Seafarers' House Provided 64,734 TWIC Escorts to Seafarers in Port Everglades in 1-Year

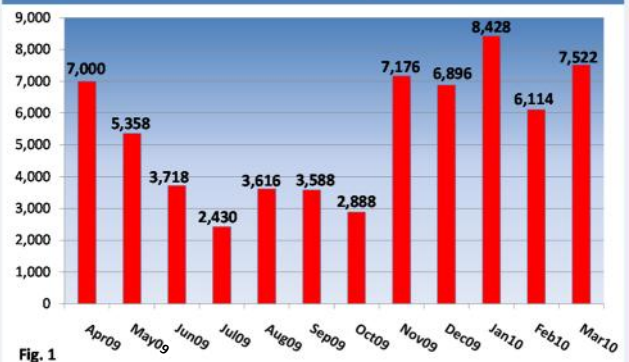


Fig. 1



Photos By: Bobby Raskin, Maritime Art By BobbyR. www.maritimeartbybobbyr.com
 Data Collection: Thomas Gola, Mario Lopez, Winfrid Moschner, Alfredo Polanco, Alejandro Wong, John Arcila, Rafael, and Frederico Zapata.
 Data Coordination: Anmati Sukhan-Randham, Program Liaison, Seafarers' House.
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II. BACKGROUND

Seafarers' House, a nonprofit organization established in 1988, offers refuge, resources, renewal, and respect to seafarers who call at Port Everglades and to the greater maritime community. By providing spiritual, social, material and emergency support services, Seafarers' House continues a 200 year old maritime tradition of giving safe harbor and support to seafarers when they call at ports around the world.

Seafarers often spend 4 to 12 months working at sea, away from family, friends and country. While at sea, seafarers live in their workplace and have limited opportunities to interact with people other than their fellow crew. Since their lives at sea are confined to their ship and fellow crew, **shore leave** is vital to the well-being of seafarers. It gives them an opportunity to escape from their workplace for a little while, to renew their personal supplies, contact family and friends, meet new people, and just plain feel the earth beneath their feet.

Although shore leave is, and always has been vital to seafarer well-being, it has become more difficult to obtain in the modern seafaring life. Containerization and mechanization of cargo handling have made port visits much shorter. Whereas ships used to lay-over in ports for days, weeks and months while unloading cargo, now they typically measure port visits in hours.



As a result, today's seafarers have significantly fewer opportunities for shore leave and renewal, and when they do get shore leave, it is only for a few hours.¹ In addition, heightened port security since the 9/11 destruction of the World Trade Center has made shore leave even harder to obtain for seafarers especially in U.S. ports.

In 2002 the U.S. Department of Transportation passed the Maritime Transportation Security Act which designated ship docking areas as security zones and required that any persons found in those areas either must have a federal TWIC identification card (Transportation Worker Identification Credential) or be under escort by a person who has a TWIC identification card. As a result of this law, seafarers who visit U.S. ports cannot leave their ships without authorized transport across the security zone.

Some U.S. seaports do not provide TWIC escort transportation services to seafarers who visit their ports, so seafarers are at the mercy of TWIC card carriers who work for commercial enterprises that charge seafarers for their TWIC transports.

In order to help seafarers maximize their shore leave, Seafarers' House provides free TWIC transportation to and from all ships that visit Port Everglades. These TWIC transports not only save seafarers money and shore leave time, but they also enable seafarers to have immediate contact with a reliable and friendly person who can refer them to expedient and safe places for renewing their personal supplies and energies. The free TWIC transports that Seafarers' House provides also benefit the Port Community and U.S. Homeland Security because they allow for orderly and efficient transportation of seafarers through port security zones when they leave and board their ships in Port Everglades.

This monitor was implemented one year ago to track Seafarers' House TWIC escorts and transportation services.

¹ **Shore Leave Survey**—May 2009. The Seamen's Church Institute of New York and New Jersey. www.seamenschurch.org



III. RESULTS

A. SEAFARERS PICKED UP FROM THEIR SHIPS BY SFH VANS

32,367 seafarers received rides from their ships to *the Casa* during the 1-year monitor.

1. BY MONTH

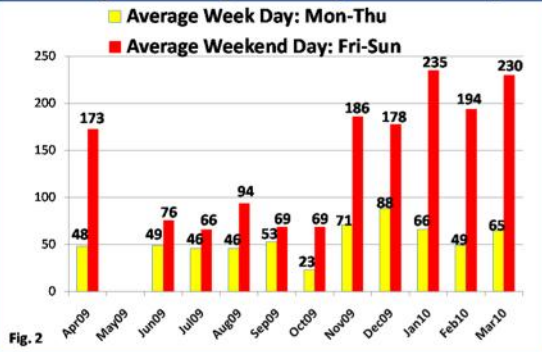
Winter high season months were twice as busy as summer low season months with an average of **3,595 seafarers** using transportation services per month between November and April, compared to an average of **1,799 seafarers** per month between May and October.



2. WEEKENDS VS. WEEK DAYS

Almost three times as many seafarers received rides on a typical weekend day (**143 seafarers**) compared to a typical weekday (**55 seafarers**).

Number Seafarers Picked Up From Ship on Average Week Day vs. Average Weekend Day



3. BUSIEST DAY

On the busiest day during the monitor, **February 20, 2010**, Seafarers' House vans picked up **641 seafarers** from their ships.

There were **28 days** during the 1-year monitor when **over 200 seafarers** were picked up from their ships.

Number of Seafarers Who Received Rides From Their Ships BY Month

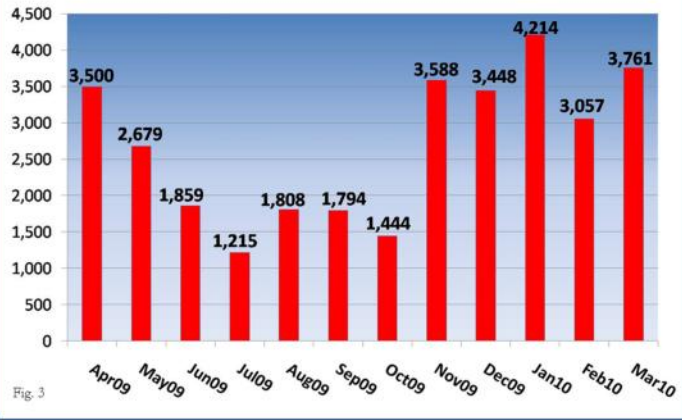


Fig. 3

B. SHIPS OF SEAFARERS USING SFH TRANSPORTATION

During the 1-year monitor, seafarers who used Seafarers' House transportation services came from **223 ships**: **137 cargo ships (61% of ships using transport)**, **54 petroleum tankers (24% of ships)** and **32 cruise ships (15% of ships)**. Although **61% of ships** using transport services were cargo ships, due to differences in crew sizes, **85% of the seafarers** who used transport services worked on cruise ships.

CARGO SHIPS			PETROLEUM TANKERS	
Alexandra	El Morro	MSC Poh Lin	Alexandra Bottiglieri	Matheos
Alianca Pampas	El Yunque	MSC Prague	Aliakmon	Matsuyama
American Feeder	Elb Carrier	MSC Rosario	Alieleon	Neveska Lady
Apollon	Eurus Paris	MSC Shanghai	Alpha Express	New Conquest
Asian Sun	Fiesta Mail	MSC Sweden	Anemos	New River
Atlantic Hawk	Frontier Challenger	MSC Tokyo	Aviakmon	Nord Sound
Atlantis Polaris	G&G Cape Express	MSC Turehia	British Courtesy	NS Silver
Baghira	G&G Caribbean Express	MSC Uganda	British Serenity	NS Spirit
Barcelona Express	G&G Emerald Express	MSC Washington	Bryggen	Overseas Ariadmar
BBC Jade	G&G Gulf Stream Express	New Mariner	Bum Chin	Overseas Houston
BBC Karen	G&G Island Express II	Ocean Express	Cape Taft	Pitene
Beluga Portune	G&G Ocean Express	Ocean St. John	Challenge P	Sanko Libra
Bravo	G&G Sea Express	OSC Vlistdiep	Chemtrans Sun	Seabulk Energy
Bringer Amazon	Genoa Express	Pac Alkaid	Conti Agulhas	Seabulk Trader
Cabelo	Hansa Arandal	Pac Antares	Diamond Express	Seychelles Patriot
Cala Pantera	Heinrich Sibum	Pac Denab	Eagle Express	Seychelles Prelude
Cap Roca	Herrentor	Pacific Voyager	Eastern Force	Siheim Manila
Cap Breton	HS Liszt	Pegasus J	Elka Eleftheria	Sr Wilmington
Cap Melville	Hylbur Trader	Pensilvania	Elka Glory	Stena FRB2
Cap Mondego	Innovator	Punta Arenas	Energy Panther	STX Ace
Cap Moreton	K Wind	Rio Manzanares	Equinox	The Monsieigneur
Cap Norte	K-Breeze	Rio Zulia	Explorer	Tom Horizon
Cap Prior	Knock	Roma Express	Galiya	Tomv Lene
Cap Roca	Madeleine	Santa Carolina	Gotland Marieann	Tyrchenian Wave
Cap San Lorenzo	Madrid Express	SCM Fedra	Grand	UACC Atheer
Cap San Marco	Maple Express	Sea Shell	Kinaros	Ursula
Cap San Raphael	Marcajama	Silver Shadow	London Star	Zapphire
Caribbean Sina	Mareike	Smaragd	CRUISE SHIPS	
Caribe Legend	Melbourne Strait	Stadt Hamburg	Bahamas Celebration	ms Eurodam
Caribe Mariner	MSC Ancona	Stadt Hannover	Carnival Freedom	ms Maasdam
Caribe Navigator	MSC Bahamas	Stadt Luneburg	Carnival Miracle	ms Noordam
CCNI Cartagena	MSC Bali	Stadt Rendsburg	Celebrity Equinox	ms Prinsendam
Cosette	MSC Benedette	Stadt Rotenburg	Celebrity Solstice	ms Rotterdam
Crowley Ambassador	MSC Dartford	Tropic Jade	Coral Princess	ms Statendam
Crowley America	MSC Debra	Tucana	Costa Atlantica	ms Westerdam
Crowley Senator	MSC Emma	UBC Cork	Costa Fortuna	ms Zuiderdam
Crowley Shipper	MSC Kenya	Vega Azucit	Crown Princess	MSC Poesia
Crux J	MSC Light	Vega Sachsen	Discovery	Oasis of the Seas
CSAV Chicago	MSC Liza	Vega Saturn	Emerald Princess	Ocean Princess
CSAV Itiam	MSC Luisa	Veracruz Express	Enchantment of the Seas	Queen Victoria
CSAV Loncomilla	MSC Mandraki	Victoria Strait	Grand Princess	Regent of the Seas
CSC Hunter	MSC Marathon	Warnow Whale	Independence of the Seas	Ruby Princess
Delphinus	MSC Marianna	Wasaborg	Island Princess	Seabourn Legend
Diego	MSC Melissa	Westerland	ms Amsterdam	Seven Seas Navigator
Dockwise Explorer	MSC Messina	Yacht Express		
Eclipse	MSC Michaela			

C. TWIC ESCORTS

All Seafarers' House van drivers have the TWIC credential and received TWIC escort training provided by Port Everglades Security Services. Seafarers' House offers TWIC escort for free in order to benefit visiting seafarers and reduce the impact of TWIC on the port community. The mileage involved in providing TWIC escorts ranges from 1.2 miles roundtrip to Northport to 4.6 miles roundtrip to Dania Cut.

1. Number of TWIC Escorts

Seafarers' House provided **64,734 TWIC escorts** to seafarers on ships visiting Port Everglades during the year monitor: an average of **5,321 TWIC escorts per 30 days**.

2. TWIC Escorts By Shipping Company

Seafarers came from ships owned or operated by **34 Shipping companies**.

Top 15 Shipping Companies Whose Crew Used Most TWIC Escorts Provided By Seafarers' House

Carnival Cruise Lines	12,859
Holland America Line	8,712
Royal Caribbean International	8,305
Costa Cruises	6,389
Mediterranean Shipping Company	4,585
Crowley Liner Services	2,217
Celebration Cruise Line	2,061
Princess Cruises	1,342
Discovery Cruise Line	922
Seaboard Marine	795
SeaFreight Agencies	777
Hamburg SUD	569
G and G Shipping	368
CSAV	210
Hyde Shipping	210



VI. CONCLUSION

Results show that Seafarers' House provided a significant number of free TWIC transport services to seafarers who called at Port Everglades between April 2009 and March 2010.

TWIC transports of seafarers to and from their ships are a requirement for shore leave in all U.S. seaports. If it is true that shore leave improves seafarer morale and reduces work stress, and if it is true that better morale and reduced work stress lead to improved seafarer work performance and reduced accidents while afloat and on shore, then it makes sense to conclude that Seafarers' House is providing a valuable service that addresses the Human Element in maritime transportation (i.e., *anything that influences the interaction between a human and any system aboard ship*).²

Beneficiaries of these services include the seafarers themselves, the shipping companies that use Port Everglades, and the Port Everglades community including Homeland Security. By receiving free TWIC transportation: Seafarers benefit because they receive a clear and unambiguous sign of welcoming at their point of contact on an American shore, and are met by a "concierge"-like person who orients them to the Port and the many services that Seafarers' House offers (e.g., money remittance, replenishing personal supplies, telephone services for communicating with family and friends back home, a place to hang out, counseling services, spiritual support, crisis services, and transportation opportunities to the greater Fort Lauderdale area); Shipping company stakeholders including investors, insurers, operators, and suppliers, and the Port Community benefit from any increases in seafarer work efficiency and safety that might result from crew members receiving shore



leave; and Homeland Security benefits from having known and reliable transportation of seafarers across dock security zones.

While it is important to recognize the Human Element value of the TWIC transports that Seafarers' House provides, it may also be helpful to estimate a monetary value for these services, at least in terms of their direct costs. If it is reasonable to assume that each TWIC transport has a cost of \$2 to \$4 to provide (i.e., driver expense, van cost, fuel and maintenance, percentage of general overhead, etc.), then the direct cost value for Seafarers' House 64,734 transports would range from \$129,468 to \$258,936 for the 1-year long monitor.

Although it is more difficult to estimate the indirect value of these services, if we were to speculate that the morale and psychological renewal gained by seafarers from shore leave are associated with even a 1% increase in onboard and dockside efficiencies over the year, and with preventing even one onboard and one on shore personal injury and cargo loss accident for a ship in a year, then the estimated value of these services would increase several times.

² For more information about the Human Element in the maritime industry see: **Alert! The International Maritime Human Element Bulletin.** www.he-alert.org

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