

**TABLE SR-1**  
**OCEAN GATEWAY DESIGN CRITERIA**

**CASCO BAY ISLAND TRANSIT DISTRICT**

*Vessels (5)*

|              |                     |                             |            |
|--------------|---------------------|-----------------------------|------------|
| Ferry Length | 65 feet to 125 feet | <i>Parking</i> <sup>1</sup> |            |
| Beam         | 28 feet to 37 feet  | Short Term Visitors         | 15 spaces  |
| Draft        | 6 feet to 10 feet   | Employee                    | 30 spaces  |
|              |                     | Year-Round Resident         | 160 spaces |
|              |                     | Seasonal                    | 40 spaces  |

*Queuing*

Embarkment Queue Area<sup>3,4</sup> 15 pcev<sup>2</sup>

*Operational Considerations*

- Passenger/pedestrian safety
- Mitigation of passenger/vehicle/freight conflicts
- Improve pedestrian flow to Commercial Street
- Traffic circulation patterns
- Freight handling-cargo, passenger
- Additional berth for future ferry
- Designated school bus staging area

*Existing Terminal Facility Needs*

- Customer friendly entrance
- Expanded passenger waiting area
- General upgrades-restrooms, finishes
- Seamless intermodal connections
- Information kiosks at 3 locations
- Additional space for snack bar, restrooms, mail boxes, secure short term storage area
- Increase freight and maintenance areas by 100%
- Provide additional administration and employee areas

**SCOTIA PRINCE INTERNATIONAL FERRY**

*Vessel (1)*

|        |                               |                               |            |
|--------|-------------------------------|-------------------------------|------------|
| Length | 470 feet to 575 feet (future) | <i>Parking</i> <sup>1,6</sup> |            |
| Beam   | 64 feet to 85 feet (future)   | Short Term Visitor            | 30 spaces  |
| Draft  | 17 feet to 20 feet (future)   | Employee                      | 15 spaces  |
|        |                               | Long Term Passenger           | 400 spaces |
|        |                               | US Customs & Immigration      | 15 spaces  |

*Queuing*

Embarkment Queue Area<sup>3,5</sup> 220 pcev<sup>2</sup> (65,000–100,000sf)

Disembarkment Queue Area<sup>3,5</sup> 220 pcev<sup>2</sup> (56,000 – 80,000sf)

*Terminal Facility Needs*

- Accommodate elderly and ADA requirements
- Protection from weather, minimal distance between parking and terminal
- Consider longitudinal, lateral, and vertical movement of ship relative to passenger loading/unloading
- U.S. Customs and Immigrations facilities, security requirements
- Restrooms, telephones, and currency exchange facilities
- Provide for baggage handling to/from vehicles, to lobby, to ship
- Storing and service for fuel, potable water, garage, bulk goods, solid waste
- Additional records storage needs, conference room space, increase space for ticketing and reservations by 50%, warehouse storage (bonded and nonbonded areas, cold storage, dry goods), spare parts, and general storage (12-15,000 square feet); total square footage needs approximately 36,000 square feet
- Emergency vehicle access
- Site security for long term parking



- Satellite dish, antennas for communications including radio station communications within ½ mile
- Appropriate fendering and new transfer bridge

### CRUISE SHIP OPERATIONS

*Provide 2-3 Port of Call Berths with flexibility for future home port opportunities*

|             |                        |
|-------------|------------------------|
| Ship Length | 250 feet to 1,200 feet |
| Beam        | 50 feet to 130 feet    |
| Draft       | 15 feet to 30 feet     |

#### *Parking<sup>1,6</sup>*

|                  |           |
|------------------|-----------|
| Port of Call:    |           |
| Visitor          | 10 spaces |
| Employee         | 10 spaces |
| Small Home Port: |           |
| Visitor          | 10 spaces |
| Employee         | 10 spaces |

#### *Terminal Facility Needs*

- Consider time and travel for elderly, ADA requirements
- Provide weather protection
- Lobby for 1,000 people
- Intermodal connections
- U.S. Customs and Immigration facilities, security requirements
- Restrooms, telephones, ticket counter facilities
- Baggage handling to/from vehicles, on/off the ship, staging and sorting areas
- Storing and service for fuel, potable water, garbage, and goods
- Warehousing of dry goods, loading, staging, transfer from terminal to ship (15,000 square feet)
- Flexible space to accommodate visitors center and exhibition space, public amenities

### OTHER REQUIREMENTS

#### *Intracoastal Ferry (1)*

|                      |                      |
|----------------------|----------------------|
| Length               | 100 feet to 350 feet |
| Beam                 | 30 feet to 65 feet   |
| Draft                | 15 feet to 25 feet   |
| Parking <sup>1</sup> | 50 spaces            |

#### *Water Taxis*

|        |                    |
|--------|--------------------|
| Length | 20 feet to 50 feet |
| Beam   | 8 feet to 15 feet  |
| Draft  | 3 feet to 8 feet   |

#### *Fire Boats (2)*

|                      |                    |
|----------------------|--------------------|
| Length               | 40 feet to 65 feet |
| Beam                 | 15 feet            |
| Draft                | 3 feet to 6 feet   |
| Parking <sup>1</sup> | 5 spaces           |

#### *8-10 Tug Boats (8-10)*

|                      |                      |
|----------------------|----------------------|
| Length               | 100 feet to 150 feet |
| Beam                 | 25 feet to 40 feet   |
| Draft                | 14 feet to 25 feet   |
| Parking <sup>1</sup> | 10 spaces            |

#### *Long Island Rescue Boat, Tall Ships, Military Vessels, Visiting Vessels*

- Emergency vehicle access to Fire Boat, Long Island Rescue Boat, public landing, commercial landing
- Maine Narrow Gauge Railroad/Trail/Recreational open space - Parking<sup>1</sup> 140 spaces
- Short term mooring – public boats, water taxi
- Administrative office space needed for City, harbor pilots
- Fire Boat staffing quarters, office space, maintenance
- Public Facilities

#### Notes:

<sup>1</sup> Parking space square footage (sf) assumed to be 325 sf per space

<sup>2</sup> pcev – passenger car equivalent vehicle

<sup>3</sup> Auto queue space assumed to be 22 feet per pcev and 11 foot wide lanes, commercial and bus queue space assumed to be 60 feet per vehicle and 12 foot wide lanes

<sup>4</sup> Commercial and bus queue space for CBITD shared with cruise ship operations and includes space for 10 buses or commercial vehicles

<sup>5</sup> Includes queuing space for 10 buses and 6 commercial vehicles

<sup>6</sup> Parking spaces can potentially be shared by these facilities