

PART 1 - GENERAL**1.1 SUMMARY**

- A. WORK INCLUDED
 - 1. Factory assembled unit.
 - 2. Installation and Owner's Manual
- B. RELATED WORK
 - 1. Section 11 13 13 - Dock Bumpers.
- C. REFERENCES
 - 1. CS202-56.
 - 2. A.N.S.I. MH-14.1. 1 – 1984
- D. DESCRIPTION (APPLICATION)
 - 1. Product: Fully mechanical dock leveler – Series MPL Model _____.
 - 2. Dock Leveler Size - Designed for a nominal pit size of _____" wide x _____" long.
 - A. Dock leveler pit depth shall be - front _____" back _____".
 - 3. Capacity: _____ lbs.

1.2 SUBMITTALS

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for mechanical dock leveler.
- C. Submit dimensional detail.
- D. Submit specification.

1.3 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide each component of individual dock leveler per particular type by same manufacturer.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this Section with minimum ten years' experience.
- C. Installer Qualifications: Approved in writing by manufacturer.

PART 2 - PRODUCTS**2.1 ACCEPTABLE MANUFACTURERS AND MODEL**

- 1. Series MPL Mechanical Dock Leveler by Chalfant Sewing Fabricators, Cleveland, OH. Contact: <http://www.ChalfantUSA.com> for project quote.

2.2 EQUIPMENT

- A. CONSTRUCTION: The platform shall be ¼" thick, 55,000 lb. minimum yield steel tread plate. Platform support shall be structural steel "C" channel welded at front of leveler to full width header plate. No formed sheet metal shapes will be acceptable. Lip shall be ½" thick, 55,000 lb. minimum yield steel tread plate with a projection beyond the platform edge of 16" and 12" beyond the bumpers. Lip hinge pin shall be 1" cold rolled CF1045 steel shaft. Hinge tubes are 1 1/8" I.D. seamless with grease fittings. Toe guards shall be working range type as standard. Counter balance system to be direct extension spring design with no moving parts.
- B. OPERATION: Conveniently located pull chain release provides easy activation of deck and lip. Lip to automatically extend and lock in position. Lip lock to release when unit is walked down and lip rests on truck.

- C. **CHARACTERISTICS:** Positive hold down device to allow up and down float when servicing truck. Unit shall have a working range of 12" above and 12" below dock level. Below dock safety legs shall provide positive stop in case of premature truck departure and shall not be affected by lip motion. Ramp to be recyclable with truck in position at dock. Cross traffic support and night lock security to be provided by lip stored in lip keepers. Deck to compensate (tilt) a maximum of 4" from side to side to service out of level trucks. Levelers and warranty shall meet or exceed the performance requirements of CS202-56., O.S.H.A. and A.N.S.I. MH-14.1. 1 – 1984.
- D. **DOCK BUMPERS:** Two per dock leveler.
- E. **WARRANTY:** Unit shall include the manufacturers standard (1) one year warranty against defects in materials and workmanship on the remaining components.
- F. **OPTIONS:**
- () Brush type weatherseals.
 - () Full range toe guards.
 - () 18" Dock leveler lip.

PART 3 EXECUTION

3.1 INSTALLATION

1. Install in accordance with manufacturer's instructions.
2. Paint welds with touch-up paint.