

EQUIPMENT DEPLOYMENT SCHEDULE

CryoLogistics Warehousing Implementation Plan

Polar Dynamics Robotics, Inc.

Effective Date: January 15, 2024

1. OVERVIEW AND SCOPE

1 This Equipment Deployment Schedule ("Schedule") sets forth the implementation timeline and specifications for the deployment of Polar Dynamics Robotics, Inc.'s ("PDR") autonomous mobile robot systems at CryoLogistics Warehousing facilities.

2 This Schedule covers the deployment of twenty-five (25) IceNav-enabled AMR units across three (3) temperature-controlled facilities, including associated charging infrastructure, navigation beacons, and control systems.

2. EQUIPMENT SPECIFICATIONS

1 **Primary AMR Units**

- Model: PolarBot X-750
- Quantity: 25 units
- Operating Temperature Range: -40 C to +30 C
- Load Capacity: 750 kg
- Navigation System: IceNav 4.0
- Power System: Rapid-charge lithium iron phosphate batteries
- Compliance: UL 1740, CE, ISO 10218-1

2 **Supporting Infrastructure**

- Charging Stations: Model CS-400 (30 units)
- Navigation Beacons: IceNav Beacon Pro (150 units)
- Control Server: PolarControl Enterprise Edition
- Network Infrastructure: Industrial-grade wireless mesh network

3. DEPLOYMENT SCHEDULE

1 ****Phase I - Facility Alpha**** (Weeks 1-6)

- Site Survey and Mapping: Weeks 1-2
- Infrastructure Installation: Weeks 2-3
- Initial AMR Deployment (8 units): Week 4
- Testing and Calibration: Week 5
- Staff Training and Handover: Week 6

2 ****Phase II - Facility Beta**** (Weeks 7-12)

- Site Survey and Mapping: Weeks 7-8
- Infrastructure Installation: Weeks 8-9
- Initial AMR Deployment (8 units): Week 10
- Testing and Calibration: Week 11
- Staff Training and Handover: Week 12

3 ****Phase III - Facility Gamma**** (Weeks 13-18)

- Site Survey and Mapping: Weeks 13-14
- Infrastructure Installation: Weeks 14-15
- Initial AMR Deployment (9 units): Week 16
- Testing and Calibration: Week 17
- Staff Training and Handover: Week 18

4. ACCEPTANCE CRITERIA

1 Each phase shall be deemed complete upon satisfaction of the following criteria:

- Successful completion of 100 consecutive error-free operating hours
- Navigation accuracy within 5cm in all operating conditions
- Battery performance maintaining minimum 12-hour operational cycles
- System uptime exceeding 98% during testing period
- Successful completion of emergency shutdown procedures
- Staff certification of training completion

5. TECHNICAL SUPPORT AND MAINTENANCE

1 PDR shall provide:

- 24/7 remote monitoring and support
- On-site technical support within 4 hours of critical issues
- Quarterly preventive maintenance visits
- Software updates and patches as released
- Annual system optimization and recalibration

6. CONTINGENCY PROVISIONS

1 In the event of deployment delays exceeding five (5) business days, PDR shall:

- Provide written notification of delay cause and mitigation plan
- Deploy temporary manual operation procedures if requested
- Adjust subsequent phase timelines accordingly
- Provide additional training or support as needed

7. COMPLIANCE AND SAFETY

1 All deployments shall comply with:

- OSHA workplace safety requirements
- FDA food facility regulations
- FSMA sanitary transportation requirements
- Applicable state and local codes

8. AMENDMENTS AND MODIFICATIONS

1 This Schedule may be modified only by written agreement signed by authorized representatives of both parties.

9. EXECUTION

IN WITNESS WHEREOF, the parties have executed this Equipment Deployment Schedule as of the Effective Date.

POLAR DYNAMICS ROBOTICS, INC.

By:

Name: Katherine Wells

Title: Chief Financial Officer

Date:

CRYOLOGISTICS WAREHOUSING

By:

Name:

Title:

Date: