



Advisory # **2020-A-053**

Subject: Advanced Visual Docking Guidance System – Approach Error

From: Airport Operations

Contact: Dean Wright, dean.wright@gtaa.com, (416) 776-4062

Date: 2020-Aug-17

Toronto Pearson has a complex and robust airside operation that encompasses numerous complex stands. The complexity of our stand operation has allowed for gate flexibility to support the operational needs of our airline partners. In attempt to add an additional level of safety; particularly at our stands which have multiple centerlines, an approach study has been conducted for all qualifying stands.

Approach Error:

An approach region around the centerline will be activated so that an aircraft approaching outside the region triggers an Approach Error and stops the docking of the aircraft.

During this condition:

- **'STOP'** will be displayed on the Ramp Information Display System (RIDS) and the aircraft is then required to be docked manually.
- The use of wing-walkers along with standard arrival procedures shall be utilized to safely dock the aircraft.
- Once the aircraft is in position after manual guidance, **PARK ON** shall be selected on the operator's panel to detect the aircraft.

- If no aircraft is detected the approach error is again displayed on the RIDS.

Commencing Tuesday August 18, 2020, Airport Operations will conduct a trial of the Approach Error feature on the following stands:

| TERMINAL 1 | TERMINAL 3 |
|------------|------------|
| 141 | C27A |
| 145A | C29A |
| 161 | C33A |

After the successful conclusion of the trial, the approach error feature will be enabled for all stands with multiple centerlines as listed below:

| TERMINAL 1 | TERMINAL 3 |
|------------|------------|
| 120/120A | B11/B11A |
| 141/141A | B12/B12A |
| 143/143A | B14/B14A |
| 138/138A | B15/B15A |
| 134/134A | C26 |
| 160 | C27/C27A |
| 161/161A | C29/C29A |
| 162 | C30/C30A |
| 165/165A | C31 |
| 166/166B | C33/C33A |
| 167/167A | C34/C34A |
| 168B | C37/C37A |
| 169/169A | C39/C39A |
| 170/170A | C40/C40A |
| 171/171A | |
| 173/173A | |
| 175/175A | |
| 180 | |
| 181/181A | |

The current A-VDGS placards which were deployed last fall also provides display user information on this approach error feature.