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**Directive** # 2019-D-003

**Subject: New Advanced Visual Docking Guidance System (A-VDGS)**

**From**: Aviation Services

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**Date of Issue**: June 13, 2019          **Effective Date**: June 13, 2019

**Expected Action**: Operators are required to brief appropriate staff on this Directive and ensure compliance.

**Background and Impact**: The purpose of this Directive is to inform operators that the first phase of the Advanced Visual Docking Guidance System (A-VDGS) is now fully operational on the aircraft parking stands on Terminal 1 and 3 (with exception of those stands listed in Table 2). It is a mandatory requirement on operators that the A-VDGS is used on all stands where it is in service.

The new A-VDGS is now operating on the ADB SAFEGATE SafeControl Apron Management (SAM) system software. The Ramp Information Display System (RIDS) on the A-VDGS will display information in the format shown in Table 1, 60 minutes prior to the next arrival or departure.

Please note that the SAM system is also integrated with the Airport-Collaborative Decision Making (A-CDM) System. Operational trials of the A-CDM System are scheduled to start in September, this year. When the A-CDM System is in operation, the RIDS displays will also show information generated by the A-CDM System, where indicated in the Table 1.

**Table 1. Ramp Information Display System (RIDS) Information Format**

| Row | Arrival Ramp Information Display System (RIDS) | Departure Ramp Information Display System (RIDS) |
|---|---|---|
| 1 | Flight Number | Flight Number |
| 2 | City of Origin & Landed (if received) | City of Origin & Landed (if received) |
| 3 | Aircraft Type | Aircraft Registration Number |
| 4 | Aircraft Registration Number | Target Off-Block Time (TOBT, from A-CDM System) |
| 5 | Estimated In-Block Time (EIBT) (from A-CDM System) | Target Start-up Approval Time (TSAT) (from A-CDM System) Estimated Off-Block Time (EOBT) (from A-CDM System) |
| 6 | Countdown to Arrival | Countdown to TOBT, (if available). Otherwise EOBT will be displayed |
| 7 | Inbound baggage information Or Free Text/Canned Messages | Free Text/Canned Messages |

Table 2 provides the list of stands where the A-VDGS units are <u>not</u> currently available.

**Table 2. List of Stands where A-VDGS is not currently operational**

| <u>Terminal 1</u> | <u>Terminal 3</u> |
|---|---|
| Stand 133 Stand 165 | Stand B17 Stand C30 Stand C30A Stand C31 |

Operators are required to ensure that their staff:

- Know how to operate the new A-VDGS;

- Use the A-VDGS units on all stands where it is in service; and

- Report any unserviceable A-VDGS unit to Airport Operations at (416) 776-3055 (and GTAA Maintenance will then tag it as out-of-service, pending repair).

Thank you,

Craig Bradbrook
Vice President, Aviation Services