

ANNEX A: Hackathon winners and their prototypes

First prize = S\$5,000

1. Team: TBG

Developed a 3D visualisation tool that shows ships in the area against land, weather conditions and tidal data points. Provides Vessel Traffic Information System operators with better situational awareness by having information of real-time conditions.

Second prize = S\$3,000

2. Team : Pilot Project

Developed a tool to allow pilots to view status at destination berths for delay and crane status. Pilots can use this information to reschedule deployment of tugs, alter speed, to better allocate pilot resources and tugs.

Third prize = S\$2,000

3. Team :Smart Truck

A delivery booking system geared towards haulier companies to select a time-range for their deliveries and costs associated with it. This information can be shared with port operators for visibility and planning.

Special Prizes:

Best Student Team= S\$5,000

4. Team: S'Port

The team developed a solution that attempt to divert human traffic flow at the ferry terminals by enticing the passengers to move out of the departure halls using retail discount coupons. A special queue can be created to expedite check-in at the terminals to ease congestions.

Best IBM BlueMix App = S\$12,000 in IBM Cloud Credits or Apple iPads

5. Team: Port Map

Developed a communications system between truckers, lighters, and suppliers to instantly alert stakeholders on updates such as delays. Shipping agents can use this real-time booking system to update all relevant parties

and the schedules can be shared with port operators. Truckers can use their smart phones to provide delivery status updates.

Best Data Analytics = S\$1,500 from M1

6. Team: Smart Truck

A delivery booking system geared towards haulier companies to select a time-range for their deliveries and costs associated with it. This information can be shared with port operators for visibility and planning.

Best Hack = S\$15,000 in M1 Cloud Server Credits or Apple iPads

7. Team: Coconut

A tool to allow customers to receive notifications the night before departure along with the use of discount coupons for transport services. The solutions geofences the customers so that they can get push notifications if they are within 500 metres of the departure zone.