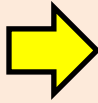


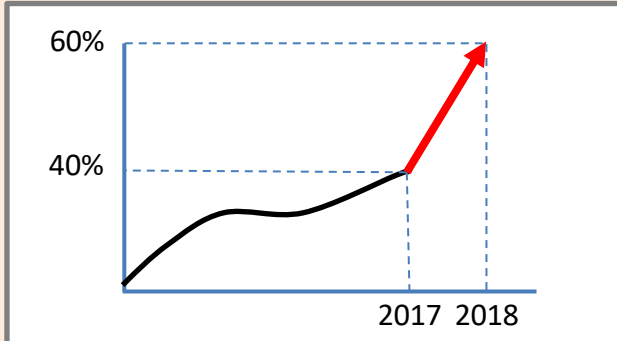
2018 Vessel Speed Reduction Program

Purpose: This program aims to improve port air quality by encouraging ocean-going vessels to reduce speed in the port area.

Vessel Speed Reduction (VSR) attainment rate in 2017: 40%



2018 VSR attainment target: 60%



Ports: all 7 international commercial ports under Taiwan International Ports Corporation (TIPC): Keelung, Taipei, Taichung, Kaohsiung, Hualien, Suao, and Anping

Time: commences on Jan 1st of 2018 and ends on Dec 31st 2018 (based on the time of ship passing the 20nm radius line)



Eligible participants: international cruise or container ships that weights more than 10 thousand tons. All ships that meet the above description are de facto participants. No application required.

VSR Criteria: maintain average speed under 12 knots within the 20mn radius line.



20nm radius line: the center of the 20 nm radius line is defined by the port coordinates.

Award issuing:

1. TIPC issues NTD 8,000 bonus to a ship every time the ship meets the VSR criteria both entering and exiting the port.
2. The total amount of bonus available is 32 million NTD.
3. The results will be published seasonally, and the bonus will be issued in April, July and Nov 2017 and Jan 2018.
4. **The order of the bonus issuance is based on when the ships achieve VSR.**

Example		
Month	Time of the ship entering and exiting the port	Time of the ship meeting the VSR criteria
Jan	3	3
Feb	2	1
Mar	4	3
Total	9	7

Based on the result, the ship will receive a total of NTD \$56,000 (7*8000) in April
Note: a ship can be awarded multiple times unless the bonus have all been given.

Validation:

- The results are based on data provided by the Ministry of Transportation VSR Surveillance System (VSRSS).
- Ships must turn on the Automatic Identification System (AIS) while entering and exiting the port.

Verification:

- The TIPC Branches are responsible of validating and issuing the bonus.
- The TIPC headquarter will perform irregular checks to ensure program quality.
- VSR results will be published on the TIPC official website before the 10th of each month
- If the shipping carrier disagreed with aforementioned information, he or she may ask for a reevaluation.
- The reevaluation request form is available on the website and should be filed within 10 days after the result is published.



臺灣港務股份有限公司

Taiwan International Ports Corporation, Ltd.