

Subject

Regulations on sulphur content of fuel oil within
Taiwanese international commercial ports

ClassNK

Technical Information

No. TEC-1163

Date 31 August 2018

To whom it may concern

This is to inform you that all ocean-going ships intending to enter Taiwanese international commercial ports on or after 1 January 2019 will be required to use a fuel oil whose sulphur content does not exceed 0.5% by weight.

In addition, Taiwan International Ports Corporation Ltd. (TIPC) will provide reward to ocean-going ships using fuel oils whose sulphur contents are 0.5% or less which enter Taiwanese international commercial ports prior to 1 January 2019.

The URL for this regulation is as follows.

<https://gazette.nat.gov.tw/egFront/detail.do?metaid=100466&log=detailLog>

The outline of this new regulation is as follows.

1. Applicable ships

Ocean-going ships intending to enter Taiwanese international commercial ports

2. Applicable ports

The following seven international commercial ports are subject to this regulation: the Port of Keelung (基隆港), the Port of Taichung (臺中港), the Port of Kaohsiung (高雄港), the Port of Hualien (花蓮港), the Port of Taipei (臺北港), the Port of Suao (蘇澳港), and the Port of Anping (安平港).

The detail of the Port of Suao is as follows.

<https://www.twport.com.tw/en/>

Home > Port Layouts > Port of Suao

3. Regulation details

All ships entering Taiwanese international commercial ports are required to use the a fuel oil whose sulphur content does not exceed 0.5% by weight, the regulations starting 2020 has been early enforced from 1 January 2019. In addition, alternative methods of complying with this regulation (e.g., the use of Exhaust Gas Cleaning System (EGCS), etc.) are permitted subject to Flag Administration approval.

(To be continued)

NOTES:

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4. Reward

(1) Period

From 23 July 2018 to 31 December 2018

(Reward will continue to be given until the total amount budgeted (45,000,000 NTD) is reached.)

(2) Applicable ships

Ocean-going ships using fuel oils whose sulphur contents are 0.5% or less intending to enter Taiwanese international commercial ports. Since the purpose of the reward is to provide an incentive for ocean-going ships to use fuel oils whose sulphur contents are 0.5% or less while operating within Taiwanese international commercial ports, ships installed with EGCS or alternative means are not eligible to receive reward.

(3) Application process

- (i) The ship or its authorized agent is to apply for the reward as a “ship using an appropriate low-sulphur fuel for port entry” to the Maritime Transport Network (MTNet) of the Marine Port and Bureau (MPB) no later than 24 hours prior to entering any Taiwanese international commercial port.
- (ii) The ship starts using low sulphur fuel prior entering any Taiwanese international commercial port and recording the timing of fuel switching in the Oil Record Book.
- (iii) After arrival, the ship or its agent is to submit the following four documents before 5:00 pm on the 20th day of the following month. The documents should be sent to the respective offices of each port as listed in Annex 2 of attachment 3, either as hard copies by regular mail or as electronic data by email.
 - (a) Low sulphur fuel reward application form (Annex 1 of attachment 3)
 - (b) A photocopy of the Oil Record Book: the timing of low sulphur fuel switching should be marked, highlighted.
 - (c) A photocopy of the Bunker Delivery Note (BDN).
 - (d) Last 10 Ports of Calling List.
- (iv) The applications are reviewed monthly through a review meeting co-hosted by both the Marine Port Bureau (MPB) and Taiwan International Ports Corporation (TIPC). Based on the conclusions of the review meetings, Branches of the TIPC would issue reward to the ships with valid tax invoice.

(4) Payment amount

Gross Tonnage	Reward (NTD)
5,000 ton or less	5,000
5,001-10,000 ton	10,000
10,001-20,000 ton	20,000
20,001-40,000 ton	30,000
40,001ton or more	40,000

(To be continued)

For any questions about the above, please contact:

NIPPON KAIJI KYOKAI (ClassNK)

Technical Solution Department, Administration Center Annex, Head Office

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Fax: +81-3-5226-2736

E-mail: tsd@classnk.or.jp

Attachment:

1. Communications notice (English)
2. International commercial ports of Taiwan (English)
3. Notifications from Taiwan International Ports Corporation (English)

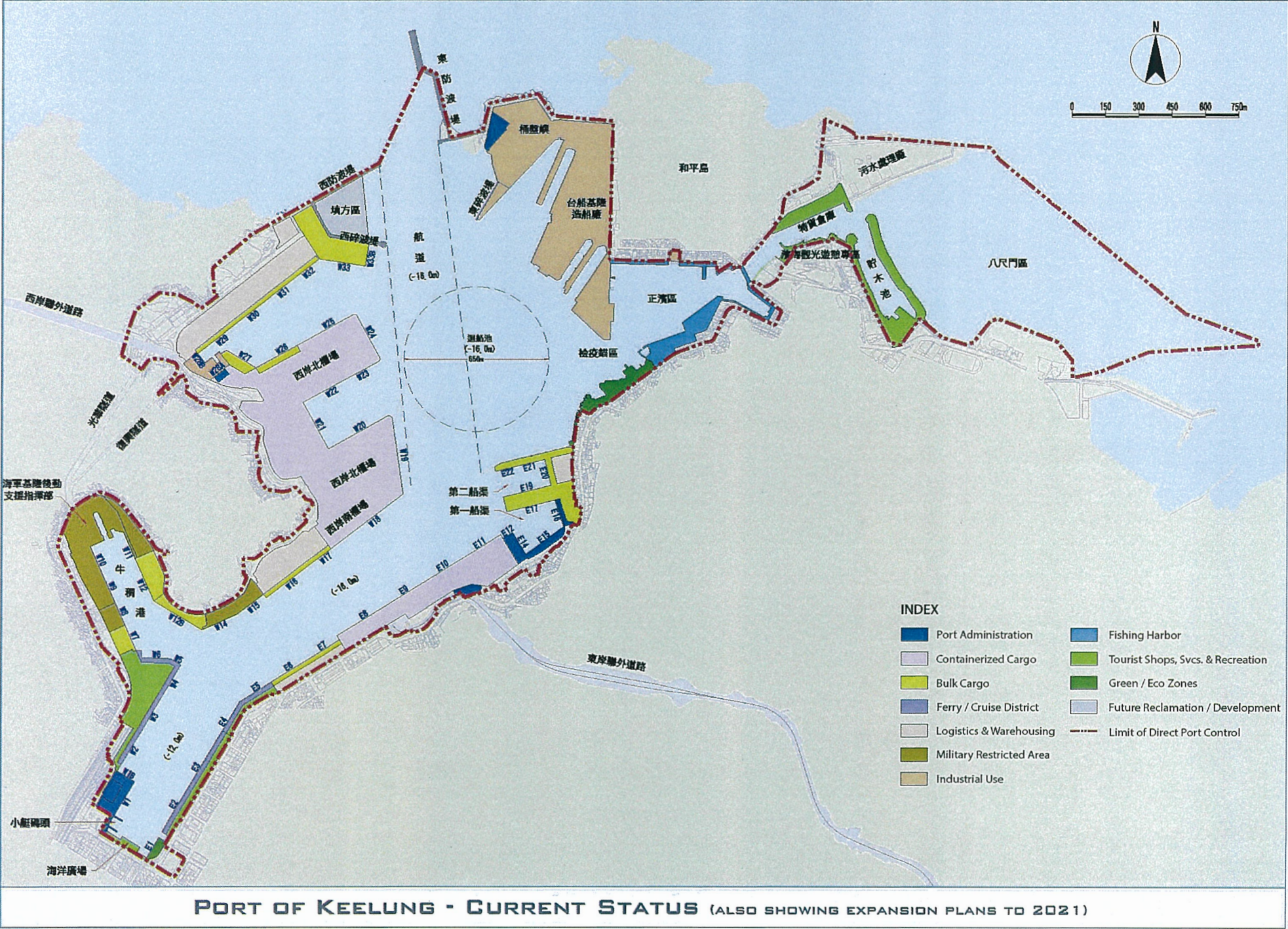
MINISTRY OF TRANSPORTATION AND COMMUNICATIONS NOTICE

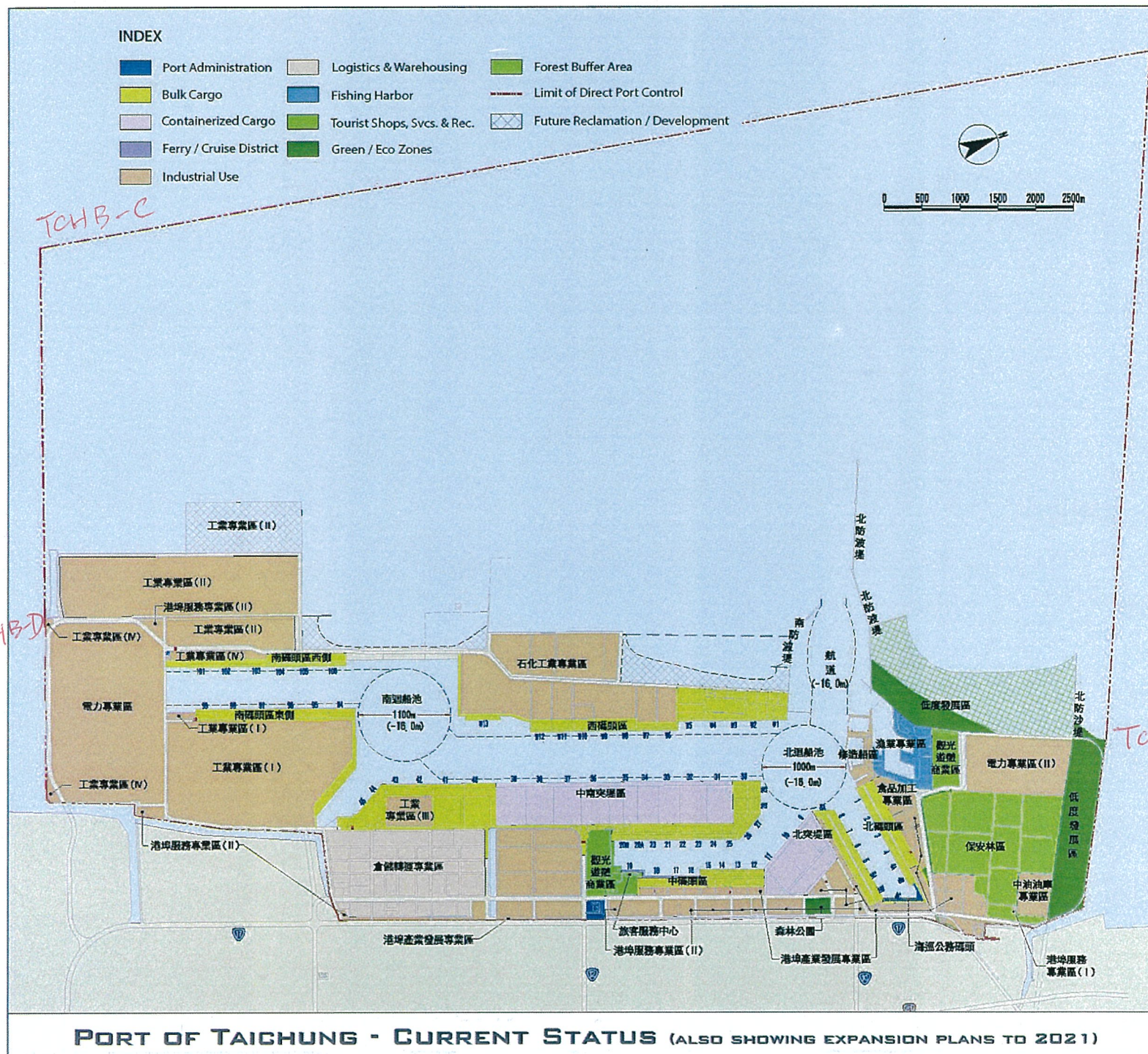
Subject: The adoption based on Article 14.1.3 and Article 4 of Annex VI "Regulations for Prevention of Air Pollution from Ships" under "International Convention for the Prevention of Pollution from Ships (MARPOL)": Foreign vessels and flag ships sailing in international routes shall utilize low sulfur fuel oil (sulfur-bearing less than 0.5% by weight), or equipment or alternative fuels that achieve the equivalent effect of emission reduction when entering into international commercial port area under the jurisdiction of the Republic of China shall be adopted and take effect on 1st January, 2019.

Based on: Article 75 of the Commercial Port Law.








Announcement:

1. This case was the MEPC.280(70) resolution passed by the International Maritime Organization (IMO) Marine Environment Protection Committee (MEPC) at its 70th meeting in October 2016, to amend Article 14.1.3 of Annex VI "Regulations for Prevention of Air Pollution from Ships" under "International Convention for the Prevention of Pollution from Ships (MARPOL)". In order to protect the ecological and marine environment of the earth, starting from 1st January, 2019, foreign vessels and flag ships sailing in international routes shall utilize low sulfur fuel oil (sulfur-bearing less than 0.5% by weight), or any appliances, devices, and alternative fuels that meet the requirements of the Convention standards and achieve the equivalent effect of emission reduction when entering into international commercial port area under the jurisdiction of the Republic of China (refer to the attachment).
2. The enclosed document is the main ship control requirements based on the Article 14.1.3 and Article 4 of Annex VI "Regulations for Prevention of Air Pollution from Ships" under "International Convention for the Prevention of Pollution from Ships (MARPOL)".



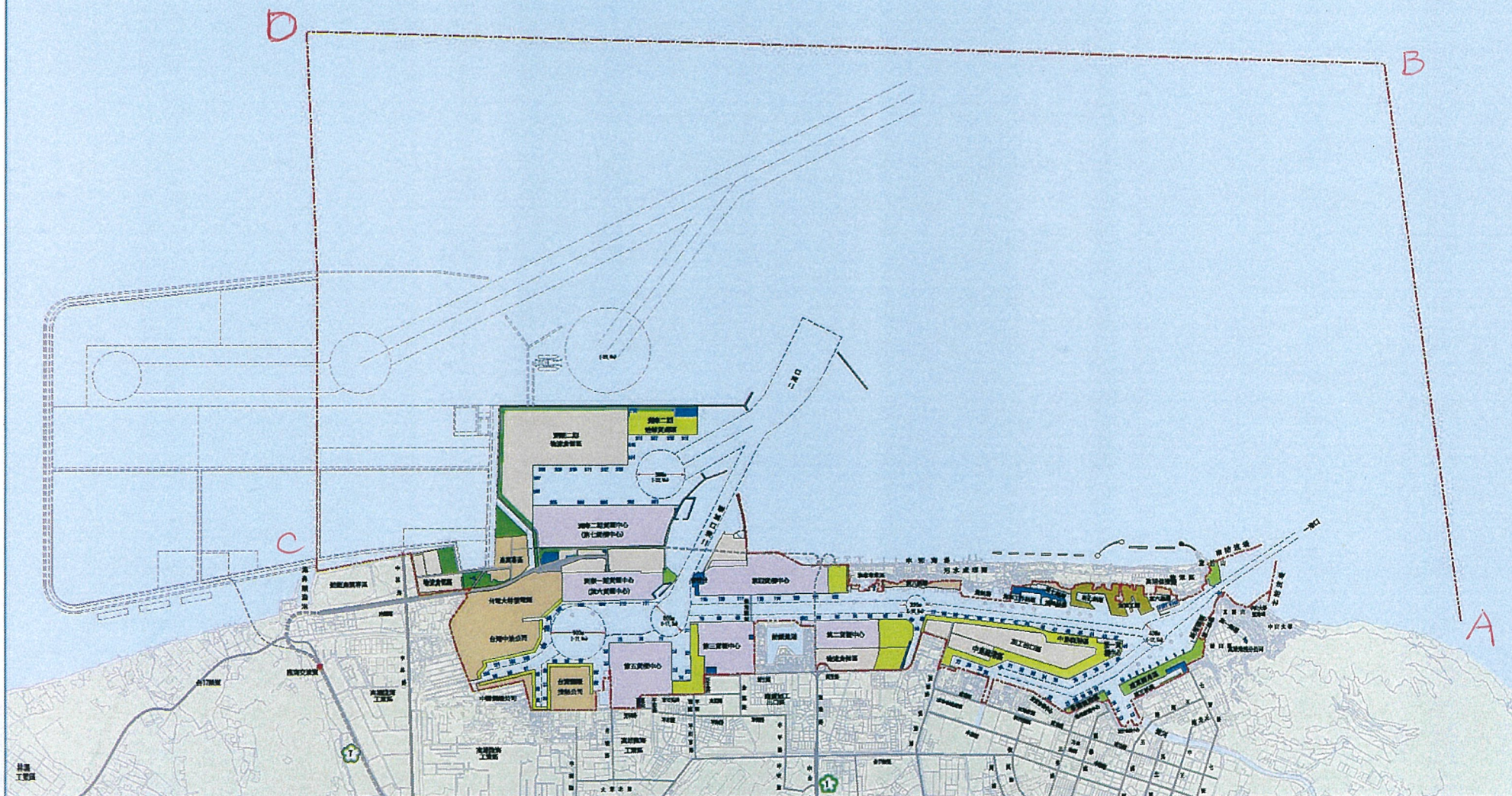


INDEX

- | | |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  Port Administration |  Industrial Use |
|  Bulk Cargo |  Military Restricted Area |
|  Containerized Cargo |  Green / Eco Zones |
|  Ferry / Cruise District |  Tourist Shops, Services & Recreation |
|  Logistics & Warehousing |  Limit of Direct Port Control |
|  Fishing Harbor | |



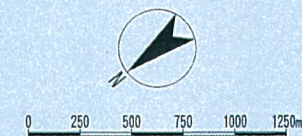
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PORT OF KAOHSIUNG - CURRENT STATUS (ALSO SHOWING EXPANSION PLANS TO 2021)











INDEX

- Port Administration
- Bulk Cargo
- Ferry / Cruise District
- Industrial Use
- Logistics & Warehousing
- Tourist Shops, Services, and Recreation
- Green / Eco Zones
- Limit of Direct Port Control



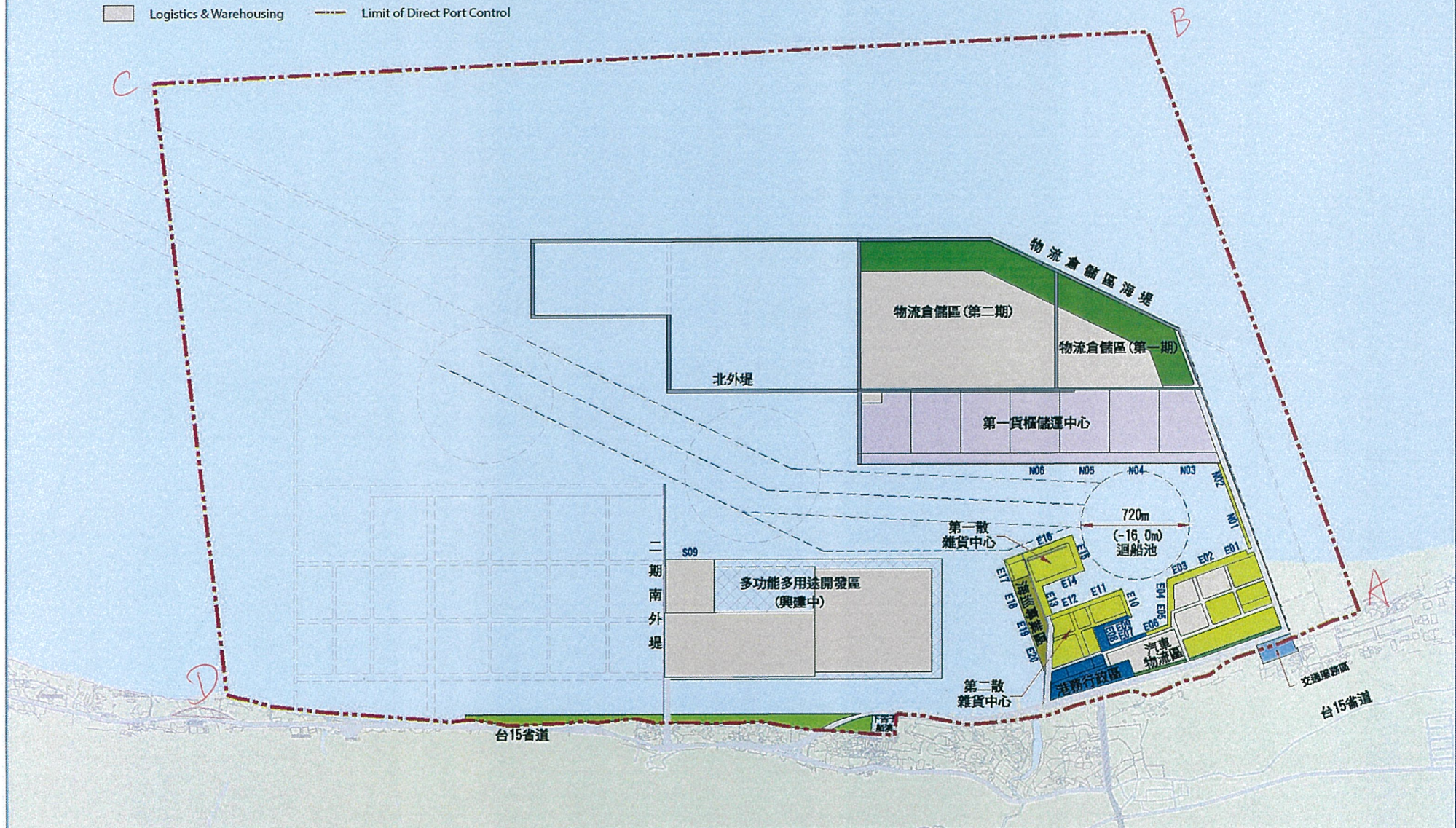
PORT OF HUALIEN - CURRENT STATUS (ALSO SHOWING EXPANSION PLANS TO 2021)

INDEX

- | | |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  Port Administration |  Military Restricted Area |
|  Bulk Cargo |  Green / Eco Zones |
|  Containerized Cargo |  Tourist Shops & Services |
|  Port Service Area |  Future Reclamation / Development |
|  Logistics & Warehousing |  Limit of Direct Port Control |



0 250 500 750 1000 1250m



PORT OF TAIPEI - CURRENT STATUS (ALSO SHOWING EXPANSION PLANS TO 2021)



Harbor Area of Taiwan Ports

1. Port of Keelung

- (i) Port limit: the waters and ratified land area bounded by a line connecting west breakwater, east breakwater, planned north breakwater and planned south breakwater of Ba-Tz-Men are defined as port area.
- (ii) Inner harbor: The waters bounded by south of line connecting berth No.19W temporary light post (25°08'50.3N 121°44'43"E) and AnLan light post (25°08'52.5N 121°44'56.5"E) are defined as inner harbor.
- (iii) Outer harbor: The waters bounded by inner side of a line connecting east breakwater and west breakwater are defined outer harbor excluding those waters designated as inner harbor, Cheng-bin area and Ba-Tz-Men area.
- (iv) Cheng-Bin area: The waters bounded by west of Ho-Pin bridge (not included) and east of Ba-Tz-Men light post that turns 180° from true north are defined.
- (v) Ba-Tz-Men area: The waters bounded by a line connecting planned north breakwater, planned south breakwater of Ba-Tz-Men and east of Ho-ping bridge (including) are defined.

2. Port of Taichung

Coordinate System	TWD97	
Point	East longitude (E)	North latitude (N)
TCHB-A	202058.422	2689824.553
TCHB-B	194674.162	2693361.116
TCHB-C	191885.664	2680262.738
TCHB-D	195984.277	2678674.777

Coordinate System	GRS67		WGS84	
Point	East longitude (E)	North latitude (N)	East longitude (E)	North latitude (N)
TCHB-A	120° 31' 10.1234"	24° 18' 54.8733"	120° 31' 39.5149"	24° 18' 48.6039"
TCHB-B	120° 26' 47.7184"	24° 20' 48.9312"	120° 27' 17.1124"	24° 20' 42.6775"
TCHB-C	120° 25' 10.7217"	24° 13' 42.8433"	120° 25' 40.0928"	24° 13' 36.5680"
TCHB-D	120° 27' 36.2100"	24° 12' 51.7652"	120° 28' 05.5805"	24° 12' 45.4794"

3. Port of Kaohsiung

Coordinate System	TWD67		TWD97	
Point	East longitude (E)	North latitude (N)	East longitude (E)	North latitude (N)
A	120° 14' 18"	22° 39'	172547.28	2505531.26
B	120° 10' 28.5"	22° 35' 24.7"	165999.47	2498983.46
C	120° 20' 20"	22° 31' 10"	182818.34	2491025.13
D	120° 16' 30.6"	22° 27' 34.8"	176270.53	2484477.32

4. Port of Hualien

Water areas bounded by Point A, B, C & D as following definitions:

Point (A) (121°36'13E , 23°56'28N) extend 1,000m by true bearing 090 to Point (B), extend 4 mile by true bearing 025 to Point (C), extend 1,000m by true bearing 310 to Point (D) (121°36'13E , 23°56'28N)

Harbor Area of Taiwan Ports

5. Port of Taipei

Point	East longitude (E)	North latitude (N)
A	121° 23' 51.27"	25° 09' 46.74"
B	121° 22' 06.33"	25° 11' 19.48"
C	121° 18' 39.12"	25° 09' 36.92"
D	121° 29' 57.83"	25° 07' 44.87"

6. Port of Suao

Water areas bounded by direct line shown as map.

7. Port of AnPing

Point	East longitude (E)	North latitude (N)
A	120° 10' 08.2"	22° 57' 09.1"
B	120° 08' 17.1"	22° 56' 28.7"
C	120° 08' 56.9"	22° 59' 01.0"
D	120° 06' 59.0"	22° 58' 14.7"



臺灣港務股份有限公司 Taiwan International Ports Corporation Ltd.

TAIWAN INTERNATIONAL PORTS CORPORATION.LTD (TIPC) Procedural Guideline for Rewarding Ocean-going Vessels (OGVs) with Low-sulfur Fuel

1. Reward objectives: International shipping lines that use low sulfur fuel while entering any international commercial ports (includes Port of Keelung, Taipei, Taichung, Kaohsiung, Hualien, Suao, and Anping).
2. Definition of low sulfur fuel: Fuel with sulfur content. less than(\leq) 0.5%(wt).
3. Application processes:
 - (1) Ships or authorized agents must apply for the reward on MTNet of Marine Port and Bureau (MPB) before entering the international commercial port, stating that it is using low sulfur fuel for that port entrance.
 - (2) The ship should start using low sulfur fuel prior entering any international commercial port. The ship should record the timing of fuel switching in the Oil Record Book in order for further review.
 - (3) After the voyage, ships or authorized agents must submit the "Low sulfur fuel reward application form (Annex 1)" together with 3 other required documents (shown below) before 5:00 pm on the 20th of the following month. The documents should be sent to the respective windows of each port as listed in Annex 2, paper or electronic files by email are both acceptable.

Required documents:

 - A. A photocopy of the Oil Record Book: the timing of low sulfur fuel switching should be marked, highlighted.
 - B. A photocopy of the Bunker Delivery Note (BDN).
 - C. Last 10 Ports of Calling List.
- (4) The applications are reviewed monthly through a review meeting cohosted by both the Marine Port Bureau (MPB) and Taiwan International Ports Corporation (TIPC).
- (5) Based on the conclusions of the review meetings, Branches of the TIPC may issue rewards to the ships with valid tax invoice.

(6) Details of the Reward are as shown in the table below,

Table. Reward Levels

Gross tonnage	Reward (NTD)
Not more than 5,000	\$5,000
5,001-10,000	\$10,000
10,001-20,000	\$20,000
20,001-40,000	\$30,000
Over 40,001	\$40,000

4. Reports of vessels inspection by MPB may provide rules of evidence for the reward.
5. After investigation, any fraud detected, not only will the awarded amount be recovered, relevant duty will be prosecuted as well.
6. The reward is valid from 23th July through 31th December 2018 or when the total amount of the reward (45,000,000 NTD) is exhausted.
7. MPB and the TIPC reserve the right to modify this procedure guideline.

Annex 1.

Low sulfur fuel reward application form

Chinese Ship name	
English Ship name	
Ship number	
Gross tonnage	
Country of registry	
Itinerary	
Voyage	
Entry date into the port	
Sulfur content of the fuel	
Low-sulfur fuel refueling date	
Low-sulfur fuel refueling location	
Contact person and telephone number	
Documents attached	1. Photocopy of Oil Record Book(ORB): the timing of low sulfur fuel switching should be marked, highlighted. 2. Photocopy of Bunker Delivery Note (BDN). 3. Last 10 Ports of Calling List.

Company seal

Date

Sincerely,

TAIWAN INTERNATIONAL PORTS CORPORATION.LTD

Annex 2. Receiving Information

Ports	Department	Address	Tel	Email
Keelung Port	Port of Keelung, Taiwan International Ports Corporation "Occupational Safety Department"	No.1, Chung-Cheng Road, Keelung 20202, Taiwan, R.O.C.	02-24206358	yiho@twport.com.tw
Suao Port	Taiwan International Ports Corporation, Ltd. Suao Port Branch Office of Keelung Port "Stevedoring and Warehousing Section"	No1, Gangcyu, Suao Township, Yilan County 270, Taiwan, R.O.C.	03-996-5121 #225	chiansc@twport.com.tw
Taipei Port	Taiwan International Ports Corporation, Ltd. Taipei Port Branch Office of Keelung Port	24941 No.123, Shanggang Rd., Bali Areas New Taipei City, Taiwan(R.O.C)	02-2619-6006	fuchi@twport.com.tw
Taichung Port	Port of Taichung, Taiwan International Ports Corporation "Occupational Safety Department"	No.2, Sec. 10, Taiwan Blvd., Wuqi Dist., Taichung City 435, Taiwan (R.O.C.)	04-26642442	st0915@twport.com.tw
Kaohsiung Port	Port of Kaohsiung, Taiwan International Ports Corporation Department Occupational Safety Department"	No.62.Linhai 2nd Road, Gushan District, Kaohsiung, Taiwan 804, R.O.C	07-5622457	t02084@twport.com.tw
Anping Port	Taiwan International Ports Corporation, Ltd. Anping Port Branch Office of Kaohsiung Port	No.25, Xingang Rd., South Dist., Tainan City 70268, Taiwan (R.O.C.)	06-2925756	T02663@twport.com.tw
Hualien Port	Port of Hualien, Taiwan International Ports Corporation "Occupational Safety Department"	No.66, Hai-an Rd., Hualien City, Hualien County 970, Taiwan (R.O.C.)	03-832-5131 #2123	ikechi@twport.com.tw