

内部资料

# 港口视点与研究

(第三十七期)



中國港口協會

CHINA PORTS & HARBOURS ASSOCIATION

2017年1月

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..... 11



**2**


















1.

MARPOL

ECA 2012

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SO<sub>x</sub>

NO<sub>x</sub>

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1.00% m/m

2015 1 1

0.10% m/m

1990

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MARPOL

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2011 1 1

MARPOL

VI 13

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2014-2016

50%

2016 1 1

2017-2019

70%

2020

80%

“ ”

2.

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17

1 “

”

80%

2014 1 1

25

2006

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” San

Pedro Bay Ports Clean Air  
Action Plan

2005 1

“ ” Green Port  
Policy

2012

45% 2010

2009

2003 8

2020

2005

85%

“

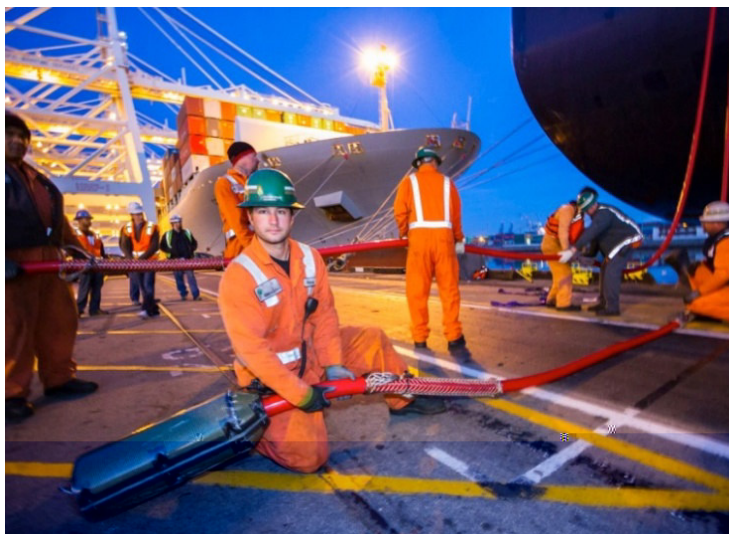
EMS ”

6000

5

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1



2.

32

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3.

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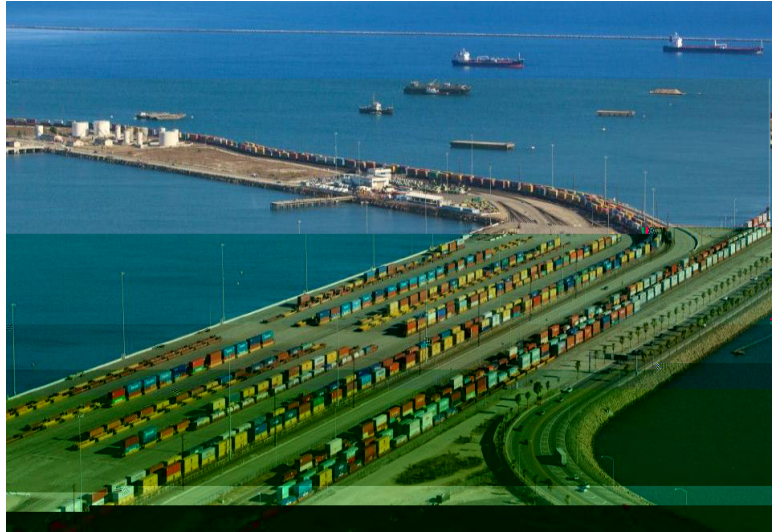
25

13

5

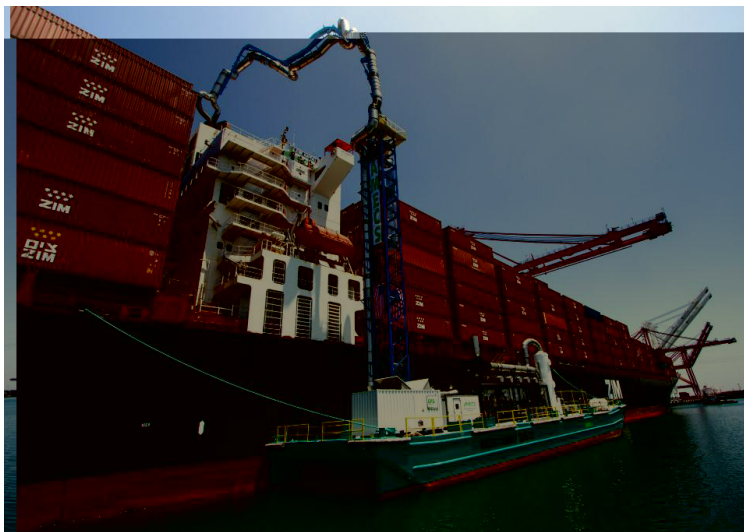
24

5 2002



2

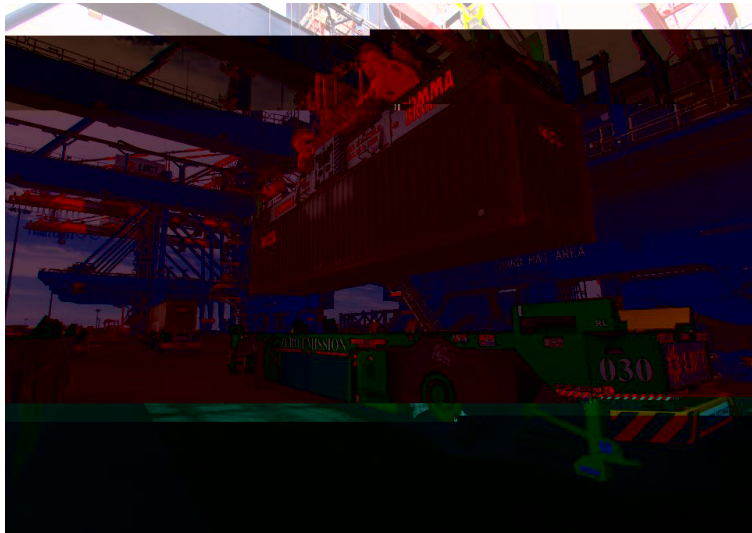
4.



3

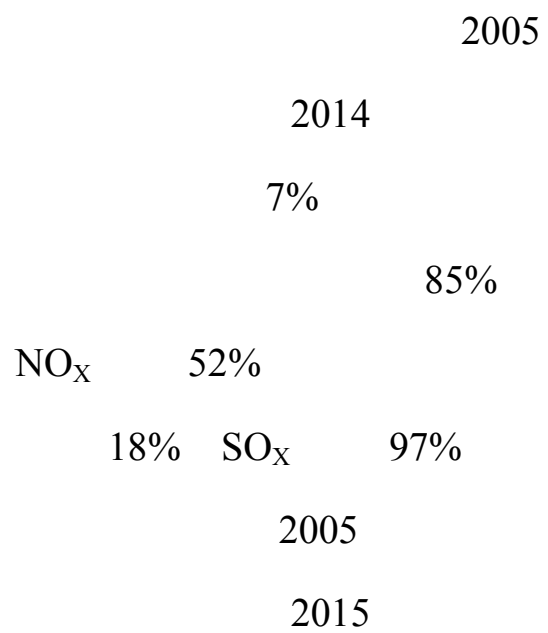
5.

“ ”



4

6.



76%

(ICS)

10

FEMA

FEMA

10

2 4

75% 25%

75% 18%

7%

FEMA EPA

EAP

CAMEO

16