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FREIGHT VILLAGE | CONTAINER TERMINAL

Opportunities and Explorations for deep water port under the trend of larger-sized vessel

船舶大型化趋势下 深水港发展的机遇与探索

















Andreas Bullwinkel 总裁

Containerships – Actual situation of sizes

集装箱船舶的大型化发展



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			装载量 TEU Tragfähigk. (tdw)	船长 Länge Meter	船宽 Breite Meter	吃水 Tiefg. Meter	排列 Container Reihen
OOCL Hong Kong 2017			21.413 TEU 200.000	400	58,8	16,0	23
Maersk McKinney Moller 2013			18.270 TEU 200.000	400	59,0	16,0	23
CMA CGM Marco Polo 2012			16.020 TEU 180.000	395	53,6	16,0	21
Emma Maersk 2006			15.550 TEU 175.000	397	56,4	16,0	22
Gudrun Maersk 2005			9.500 TEU 115.700	367	42,8	15,0	17
Sovereign Maersk 1997			8.160 TEU 105.000	347	42,8	14,5	17
Regina Maersk 1996			7.403 TEU 90.500	318	42,8	14,5	17
NYK Altair 1994			4.953 TEU 63.000	300	37,1	13,0	15

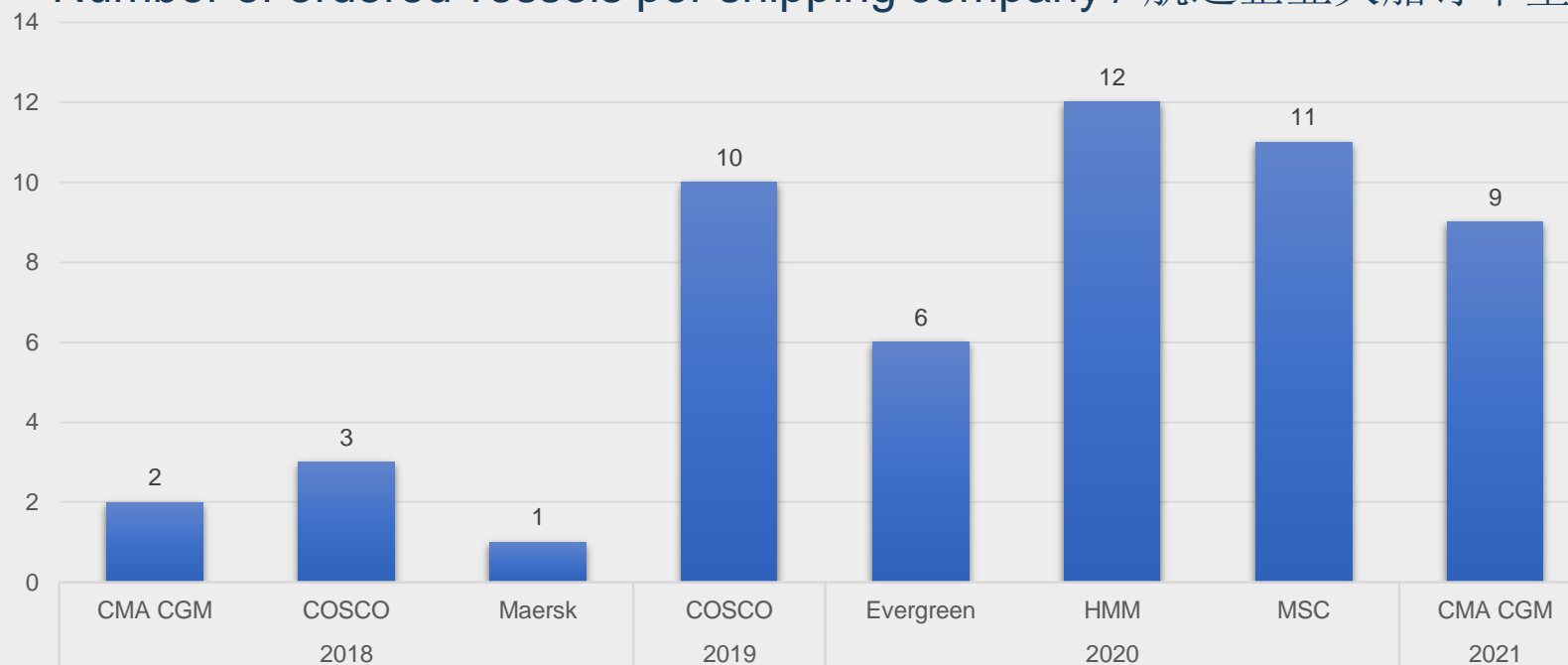
Source: HHLA 2015

The trend of size will grow / 船舶持续大型化 Orderbook / 大船订单 19,000 – 23,000 TEU



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Number of ordered vessels per shipping company / 航运企业大船订单量

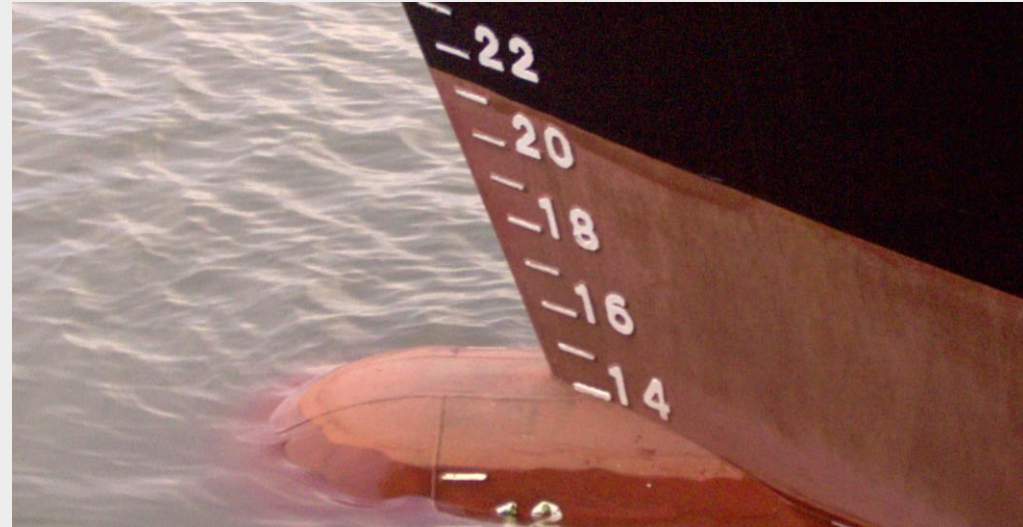


Total / 总计 : 54 Vessels / 超大集装箱船

Challenges in the infrastructure 基础设施面临挑战



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Ports with the corresponding offer 适应超大型集装箱船作业的港口



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18 m

OOCL G – Class “G”级别集装箱船
装载量ca. 21.000 TEU, 吃水16 m draught

Source: cm (Container Management)

Port of Wilhelmshaven 威廉港

Germany's only deepwater 德国唯一的深水港



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Nautical advantages of Wilhelmshaven

威廉港的优势条件



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	Possible Restrictions / 可能的限制条件	other	Wilhelmshaven
	Draught / 吃水 * twice a day only ** based on a 16.000 TEU ship	Less draught allowed for outgoing than for incoming vessels / 离港船舶的吃水限制小于入港船舶	in: 14.1 m** out: 12.2 m**
	Air draught / 限高 Ships exceeding 67 m total height	Air draught restriction due to bridges / 受桥梁高度限制	 
	Wind speed / 风速	- Turning manoeuvre at >6 Bft. not allowed - River ports can't be used at > 6 Bft.	 
	Wind direction / 风向	Due to commonly easterly wind → minus tide (up to 1 m less possible)	 
	Bypassing of vessels / 船舶交会	Bypassing of vessels with combined width of over 92 m prohibited (on defined river sections)	 
	Additional tugboat assistance / 额外的拖轮协助	Assistance for ULCV's required / 超大型集装箱船需更多拖轮协助	 
	Other traffic obstacles / 其他	Impacts through cruise and bulkships / 其他船型的影响	 

Freight Village & Container Terminal Wilhelmshaven – overview

威廉港物流园与集装箱码头概览



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EUROGATE Container Terminal Wilhelmshaven 欧门集团威廉港集装箱码头

EUROGATE Container Terminal Wilhelmshaven

欧门集团威廉港集装箱码头



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- Area / 面积 130 ha / 公顷
- Quay / 岸线 1,725 m / 米
- Water depth / 水深 18 m LAT at any time
- Turning basin / 转船 700 m diameter
- Gantry cranes / 岸桥 8 (16*) 25 container rows
- Intermodal Hub / 联运 6 tracks, 3 (5*) cranes
- Capacity / 吞吐能力 2.7 mill. TEU p.a.
* When fully operational





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Freight Village

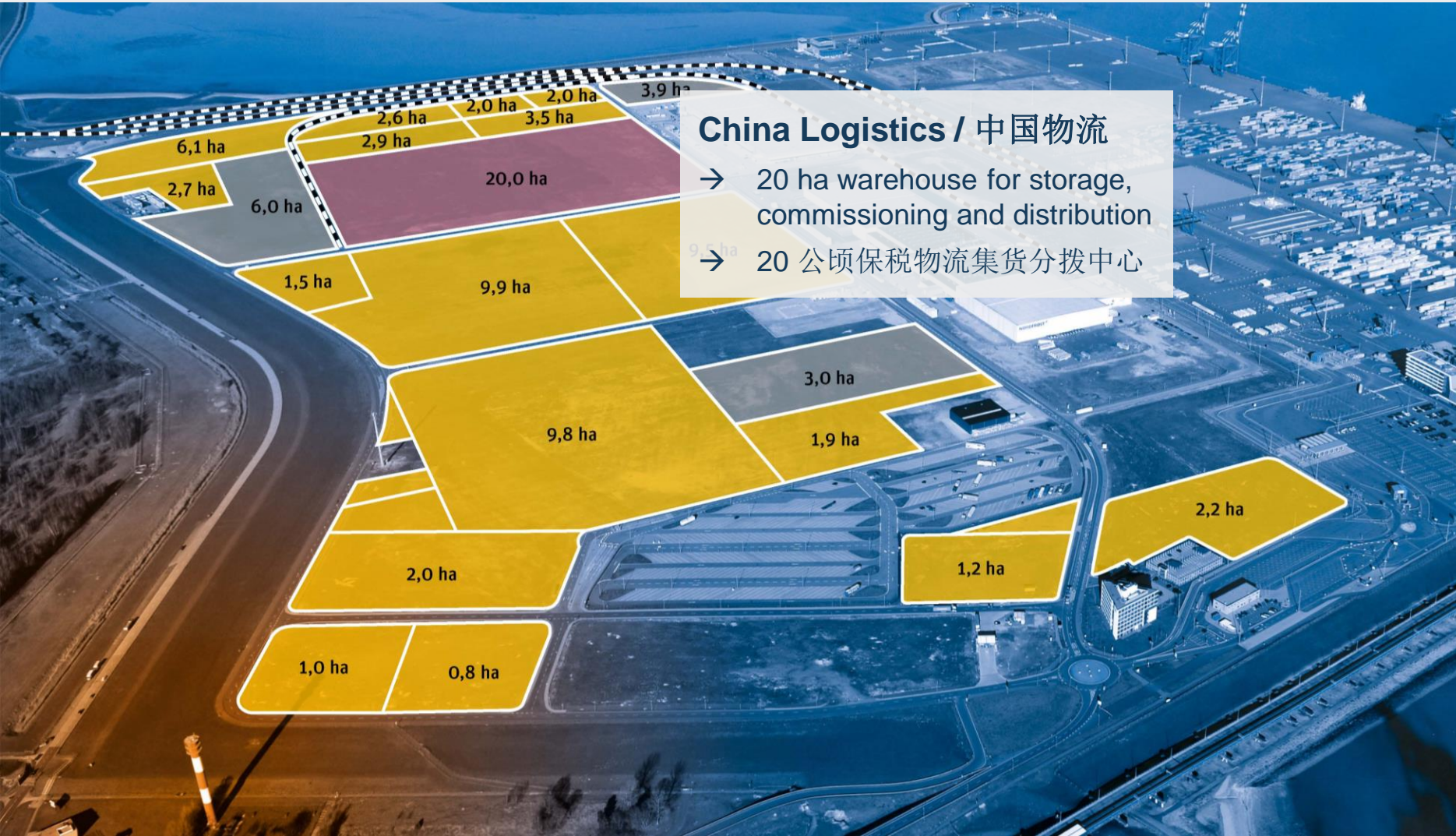
物流园区

Freight Village 物流园区

in negotiation / 招标中



JADEWESERPORT
WILHELMSHAVEN



Settlement plots

- approx. 60ha currently available
- Industrial classification
- Plots up to 20ha
- Up to 50m building height
- 50 % with rail siding

Features

- 24/7 operation
- Trimodal connection
- Truck-Service-Centre
- Office Centre
- Intermodal terminal with marshalling yard

■ free ■ reserved
■ In negotiation

Motorway ends just 900m away from the terminal! / 高速公路距离码头岸线仅900米



The Container Terminal Wilhelmshaven is the best-connected container port to the hinterland in Germany.

2-track into DB-Netz 复线接入德铁网络

Short distances - fast and efficient handling. Enormous expansion possibilities. 集约、快速、高效的疏港系统助力提升港口能力

16-track marshalling yard 16轨铁路编组站

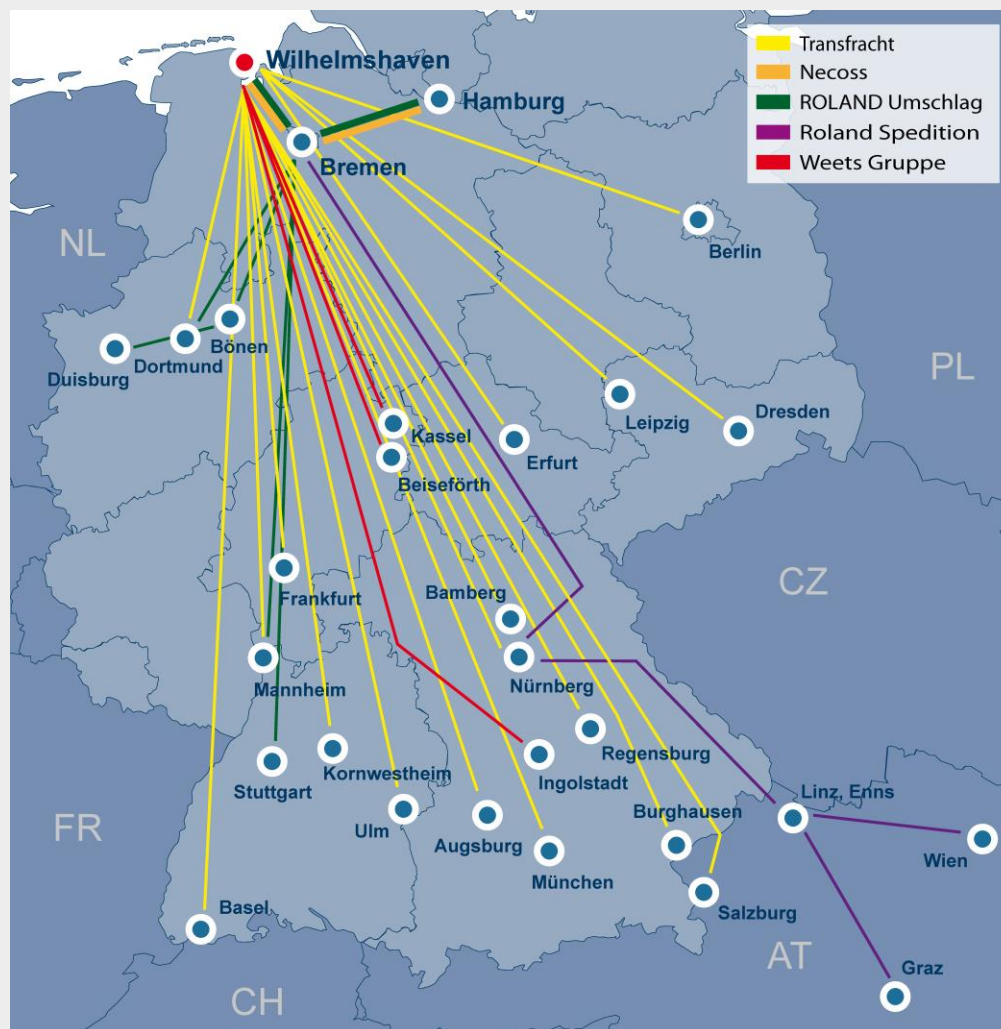
6-track intermodal terminal / 6装卸线 公铁联运站



Rail connections / 铁路连接



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Several weekly links enable a smooth container transport into the German hinterland. Austria and Switzerland are also well connected.

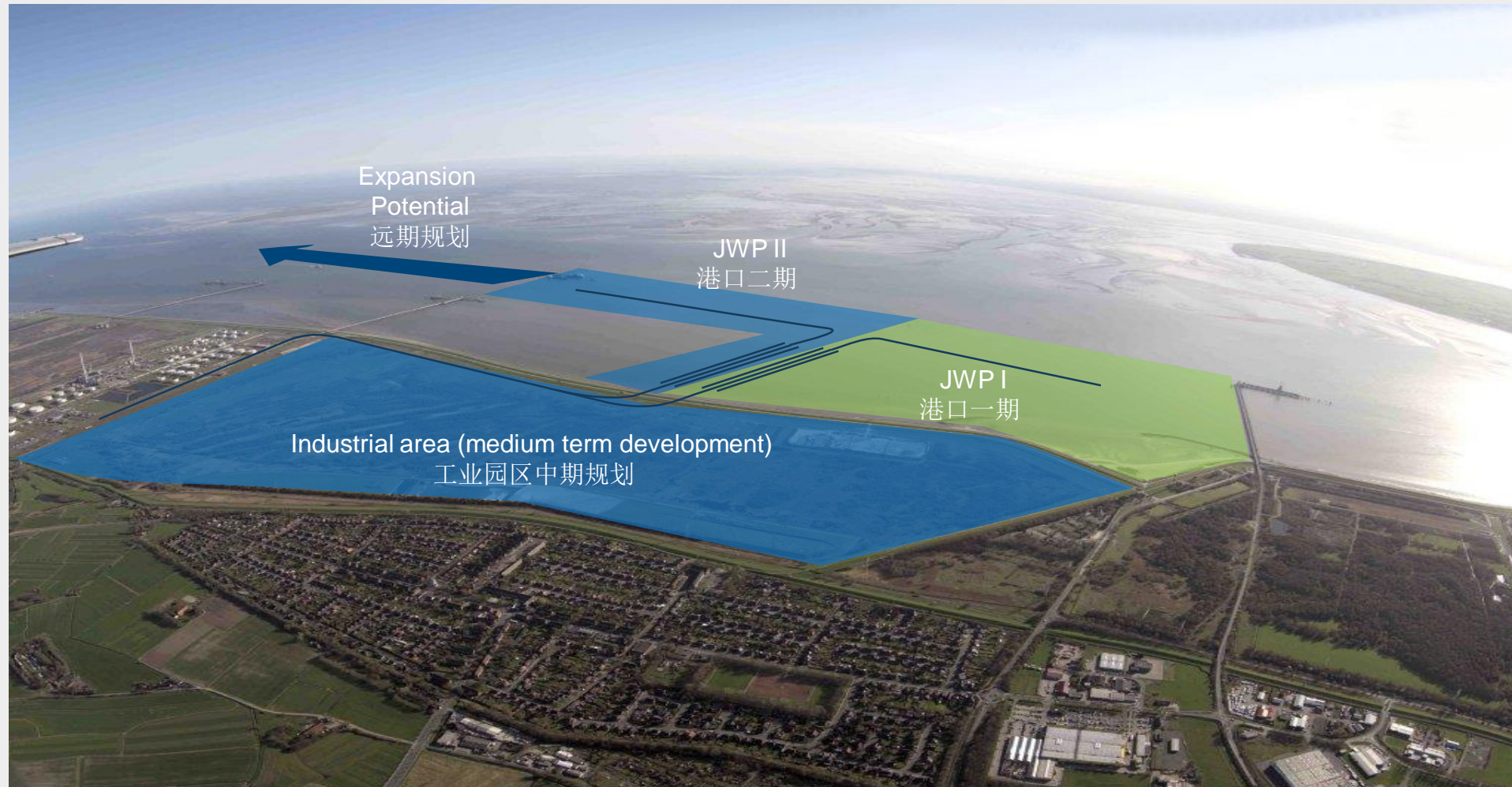
每周有大量货运班列往返于港口和德国内陆，并与奥地利和瑞士无缝连接。

Prospects to the future

Container-Terminal & Freight Village



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Thank you and see you in Wilhelmshaven!
感谢！期待与您相聚威廉港！



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