

THE CHALLENGE ON CLAIM HANDLING IN TIANJIN EXPLOSION LOSSES



Paris, le 5 mai 2017

TIANJIN EXPLOSION



- Overview Of The Explosion
- Our Preparation Before Entering the Loss Site
- Site Survey
- Key Disputes
- Environmental Restoration

OVERVIEW OF THE EXPLOSION

Location



Binhai, Tianjin, China

Explosion

Preparation

Site Survey

Disputes

Restoration

Location



Explosion

Preparation

Site Survey

Disputes

Restoration

 Explosion Center

 Seal Off Area

Casualties



165 persons died



➤ 99 firefighters

➤ 11 police officers

➤ 55 others, including residents living nearby

798 persons injured



➤ 58 persons were severely injured

➤ 740 persons were slightly injured

Explosion

Preparation

Site Survey

Disputes

Restoration

Property damage



Explosion

Preparation

Site Survey

Disputes

Restoration

- Explosion Center (39° 02'22.98"N, 117° 44'11.64"E)
- Vehicle Storages (12,428 brand new vehicles)
- Buildings (304 buildings)
- Container Yard (7,533 containers)



Vehicle STORAGE



Explosion

Preparation

Site Survey

Disputes

Restoration

What's your guess on total value of damaged vehicles

A. EUR 1 billion

C. EUR 3 billion

B. EUR 2 billion

D. EUR 5 billion

Vehicle STORAGE



Explosion

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Site Survey

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Vehicle STORAGE



Explosion

Preparation

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BUILDINGS – WITHIN 1 KM



Explosion

Preparation

Site Survey

Disputes

Restoration



BUILDINGS – FROM 1 KM TO 3 KM



Explosion

Preparation

Site Survey

Disputes

Restoration



Containers



Explosion

Preparation

Site Survey

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Restoration

Question



Can you guess the content of sodium cyanide

A. 540.5 ton

B. 680.5 ton

C. 730.5 ton

D. 810.5 ton

Explosion

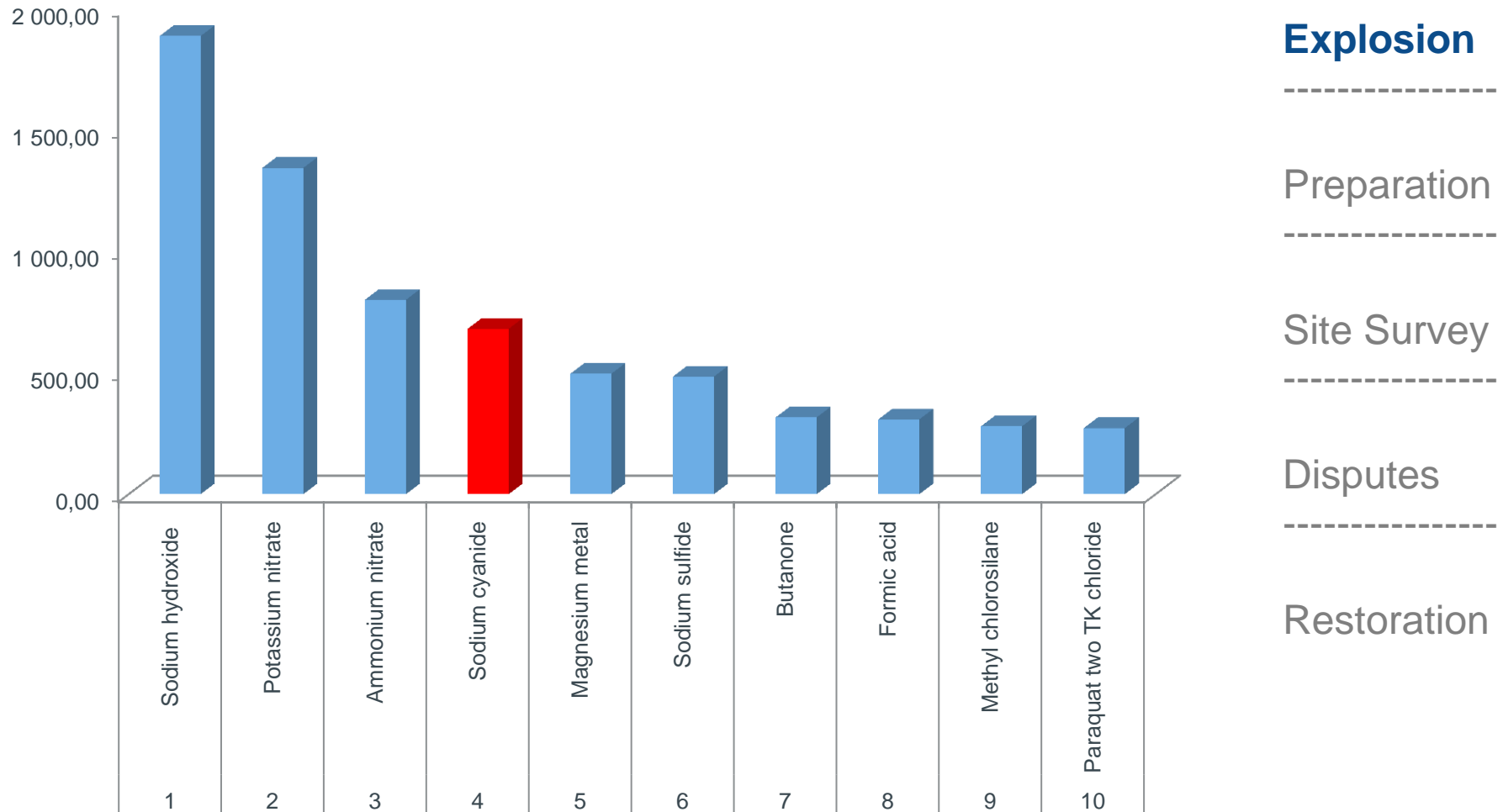
Preparation

Site Survey

Disputes

Restoration

TOP ten DG cargo in Ruihai



OUR PREPARATION BEFORE ENTERING THE LOSS SITE

SET UP COMMAND CENTER



Explosion

Preparation

Site Survey

Disputes

Restoration

- Explosion Center (EC)
- 1.0 km from Seal Off Area - stand by 8/14
- 50 km from Seal Off Area - 8/15 to 8/17
- 3.0 km from Seal Off Area - 8/17 to Christmas eve



Seal Off Area

Other Area



Explosion

Preparation

Site Survey

Disputes

Restoration

Prepare ACTION PLAN



- Collect site information from public media
- Collect site information by surveyors at local
- Collect insurance information from insurers & insureds
- Using unmanned aerial vehicle
- Mark all the information on a map



Explosion

Preparation

Site Survey

Disputes

Restoration



SITE SURVEY

Before action



- Set up observation post
- Reference with the army's protective device
- Use small animals, e.g. birds, rats, as warning device
- Set up shift system

Explosion

Preparation

Site Survey

Disputes

Restoration



In action



Explosion

Preparation

Site Survey

Disputes

Restoration

In action



Explosion

Preparation

Site Survey

Disputes

Restoration

Later stage



- Before entering, took samples for analysis
- Choose the suitable protective device
- Organize joint survey with the relevant party
- Design a standard inspection sheet
- Set up online data base

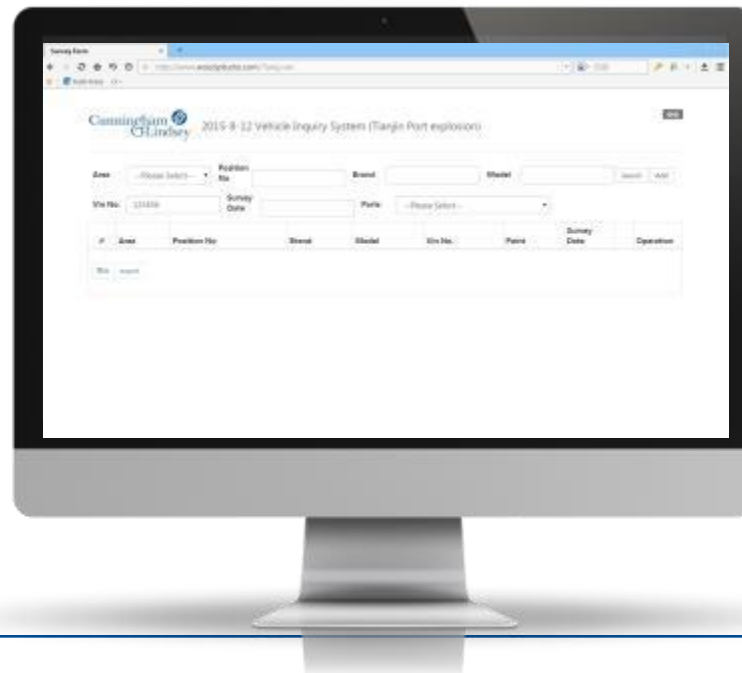
Explosion

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Other TIPS



- Vehicles with opening, e.g. broken window
- Unguarded compound
- Strict control of personnel to get into vehicles
- Strict control on starting the engine

Explosion

Preparation

Site Survey

Disputes

Restoration





KEY DISPUTES

CHALLENGE



■ How to verify the loss

Explosion

■ Salvage issue

■ Insurance Concurrence

Preparation

■ Depreciation

Site Survey

■ Tax

Disputes

■ Subrogation

■ China Insurance Regulatory Commission

Restoration



RESTORATION



- Treatment of water contamination
- Treatment of soil contamination
- Treatment of air contamination

Explosion

Preparation

Site Survey

Disputes

Restoration



Conclusion



Explosion

Preparation

Site Survey

Disputes

None of us wish such disaster will happen again

But we do wish that the lesson we learned from this painful experience will be a help to generations to come.

Restoration



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THANK YOU!!!