
SGS 4 – 11

FCVs Demonstration in Beijing 2008 Olympics and Paralympics

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Part 1 PC

The Routes

- 1、 The Fixed Line: Yongfeng base ——MOST, Transport Bureau (Headquarters, branches of Chaoyang, fengtai, haidian)
- 2、 Random line: The random official business line
- 3、 Marathon line: The line set by BOCOG

The Group Information

The group includes more than 100 people

Two - shift operation, 19h/day , 7 days/week

Four subgroups:

- 1、 Run scheduling and driver management
- 2、 Technical service
- 3、 Base management and logistics supply
- 4、 Expert subgroup

Feature

Dr. Wan Gang,
Minster of MOST.



Demorunning data



The sum distances of 20 FCVs is 50566km From 14 July to 24 Aug.

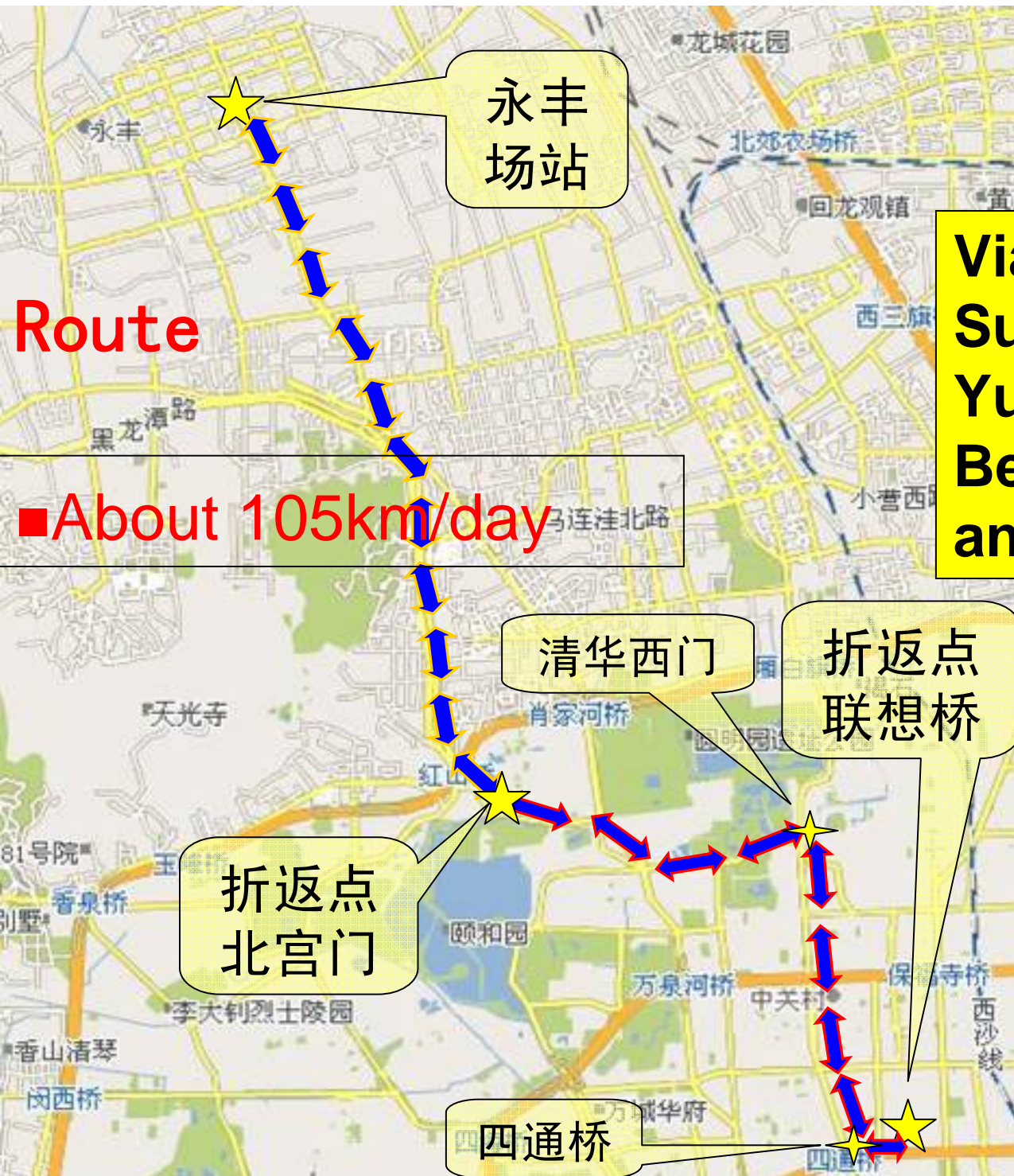
Hydrogen consumption: 1.2kg/100km

Hydrogen fueling station

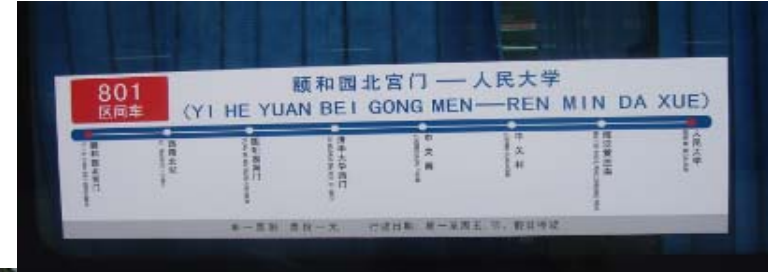


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Part 2 Bus



Via Pingpong Gym, Summer Palace, Yuanmingyuan Palace, Beida, Tsinghua, Renda, and Zhongguancun.





Demorunning data

Bus No.	Km of Aug 1	Km of Aug 24	km
京AE0000	8429	10358	1929
京AE0001	1014	2517	1503
京AE0002	1017	2956	1939
Total	10460	15831	5371

H2 consumption

During Aug 1 to Aug 24

H2 consumption: 585.39kg (5371km)

Average H2 economy: 10.9kg/100km

Key points

- 2008.08.01, demorunning with customers
- 2008.08.17、24, marathon race/Olympics
- 2008.09.17, marathon race/ Paralympics

Before Olympics

- 单车最大考核里程 **40,000 公里**
- 最大日考核里程超过**500公里**

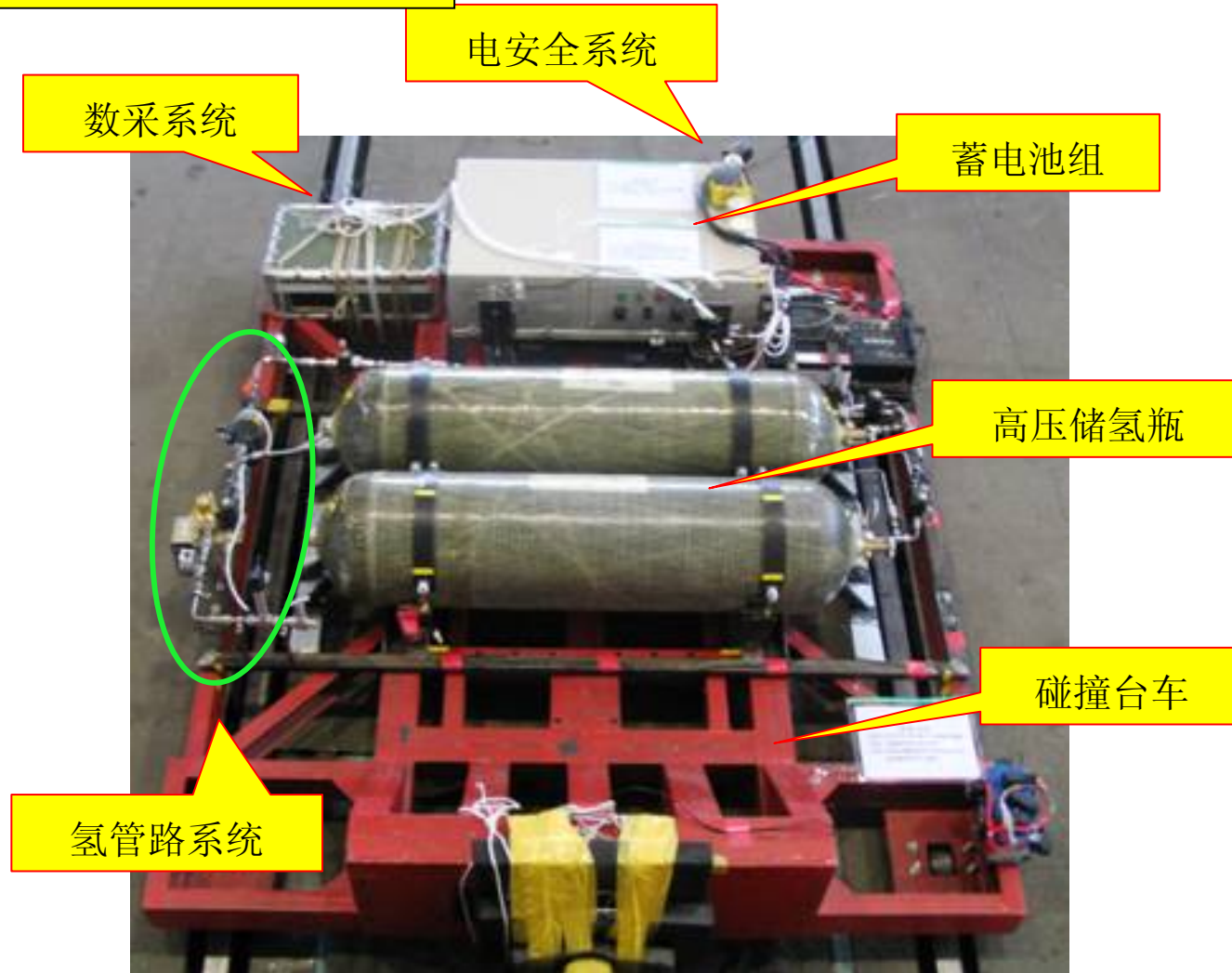


Leakage monitoring and precaution sys

- Level 1: 0.4% voice/light precaution
- Level 2: 1.2% decrease the speed
- Level 3: 2.0% power off



Simulation of impact



电系统

氢系统

Part 3 Marathon

FCHEV attending the Marathon game



北京 2008 年奥运会
汽车合作伙伴



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Part 4 Conclusion

conclusion

- Good reliability, runs smoothly and safe
- Self-confident___they are safe!!!!
- Future experience
- Air quality
- All in one :A great success
- Price- next topic

Thanks!