A Shuttle Method in case of Emergency on the Musashino Line

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2. Shuttle Service
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1. Introduction

Our mission

For safety

Stopping the trains

Training for emergency
1. Introduction

Many passengers

Short headway
1. Introduction

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Safety

Reliability
2. Shuttle Service
2. Shuttle Service

Operation resumed
Operation suspended
Resumed
3. Musashino Line Approach
~ Characteristics of the Musashino Line ~

① High accessibility
3. Musashino Line Approach
～Characteristics of the Musashino Line～

② By-pass of the freight trains
3. Musashino Line Approach ~ Types of Stations where Shuttle Service Could be Available ~

● Type 1: **Without** a platform adjacent the passing track

![Diagram](image)

5 stations (per 26 stations)
3. Musashino Line Approach
~ Types of Stations where Shuttle Service Could be Available ~

◎ Type 2: With a platform adjacent the passing track

Higashi-Tokorozawa

Yoshikawa-Minami
(Opened 2012)
3. Musashino Line Approach
~ Equipments Used for Shuttle Service ~

Starting signal

Stop sign

Starting signal of common passing track

Stop sign

Safety equipment
3. Musashino Line Approach
~ Crews’ Preparation ~

- Training

- Manual

Nishi-Kokubunji station

Shin-Akitsu station
4. Concrete Examples of Shuttle Service

Case1: Using Type 2 station

- **Type 1**
- **Type 2**

![Diagram of the shuttle service network with stops at various locations including Fuchu-Hommachi, Yoshikawa-Minami, Shinjuku, Ueno, Tokyo, Shinagawa, Higashi-Matudo, and Nishi-Funabashi.]

- **Shuttle method at Yoshikawa-Minami**

**Concrete Examples of Shuttle Service**
4. Concrete Examples of Shuttle Service
Case2: Using Type 1&2 stations

- Minami-Koshigaya
- Koshigaya-Laketown
- Yoshikawa-minami
- Fuchu-Hommachi
- Nishi-Funabashi

- Shuttle method at Yoshikawa-Minami

- Type 1
- Type 2
4. Concrete Examples of Shuttle Service
Case 2: Using Type 1 & 2 stations

- Type 1
- Type 2

Minami-Urawa
Higashi-Urawa

Fuchu-Hommachi

Shinjuku
Tokyo
Shinagawa

Nishi-Funabashi
Next trains pass through common passing track.
5. An Alternative Operation Method by Using the Common Passing Track

Pattern 1: The way of getting off at Shin-Akitsu station.

Pattern 2: The way of getting on Fuchu-Hommachi bound train at Shin-Akitsu station.
6. Conclusion

We have tried to resume by the way we hadn’t tried. → Called "Kyusai-Kakumei" (Revolution of resuming)

First of all, try it !!
Thank you for your kind attention.