

## **Delivery List of**

## Rail Inspection Car "RIC"

No.	Delivery	Customer
1	1965	Tokaido-Shinkansen (former Japan National Railway)
2	1976	Sanyo-Shinkansen (former Japan National Railway)
3	1982	Tohoku-Shinkansen (former Japan National Railway)
4	1987	Tokyu Corporation
5	1988	Central Japan Railway
6	1990	Seibu Railway
7	1993	West Japan Railway
8	1994	Tokyo Metro (former Teito Rapid Transit Authority)
9	1996	East Japan Railway(Shinkansen)
10	1997	Tobu Railway
11	1999	West Japan Railway (Shinkansen)
12	1999	Kyushu Railway
13	2000	Tokyo Metro (former Teito Rapid Transit Authority)
14	2001	Keikyu Corporation (Keihin Electric Express Railway)
15	2003	Kintetsu Corporation (Kinki Nippon Railway)
16	2003	Odakyu Electric Railway
17	2004	Kyushu Railway (Shinkansen)
18	2004	East Japan Railway
19	2004	Seibu Railway
20	2005	Hokkaido Railway
21	2006	Central Japan Railway (Shinkansen)
22	2008	Tokyu Corporation
23	2009	West Japan Railway
24	2011	Tokyo Metro
25	2011	West Japan Railway (Shinkansen)
26	2015	Kyushu Railway
27	2015	West Japan Railway
28	2016	Hokkaido Railway
29	2017	Keikyu Corporation
30	2017	Tobu Railway

Note: RIC's functions are as follows;

- (1) Ultrasonic rail flaw inspection.
- (2) Tandem method inspection for welding parts.
- (3) Bottom corrosion inspection.
- (4) Rail section wears measurement.
- (5) Rail top corrugation measurement.
- (6) Joint gap measurement.
- (7) Flaw position automatic marking system.
- (8) Platform clearance measurement.
- (9) Data depot system (for improve the reliability of the distance information)
- (10) Distance measurement to the tunnel wall.
- (11) Rail top camera system.
- \*(2) to (11) are optional functions.

8. Tokyo Metro (1994)



9. East Japan Railway (Shinkansen) (1996)



10. Tobu Railway (1997)



11. West Japan Railway (Shinkansen) (1999)



12. Kyushu Japan Railway (1999)



13. Teito Rapid Transit Authority (2000)



14. Keikyu Corporation (2001)



Kintetsu Corporation (2003)



16. Odakyu Electric Railway (2003)



17. Kyushu Railway (Shinkansen) (2004)



18. East Japan Railway (2004)



19. Seibu Railway (2004)



20. Hokkaido Railway (2005)



21. Central Japan Railway (Shinkansen) (2006)



22. Tokyu Corporation (2008)





23. West Japan Railway (2009)



24. Tokyo Metro (2011)



25. West Japan Railway (Shinkansen) (2011)



26. Kyushu Railway (2015)



27. West Japan Railway (2015)



28. Hokkaido Railway (2016)



29. Keikyu Corporation (2017)



30. Tobu Railway (2017)

 $As\ of\ May\ 2018$ 

