



Current Progress of ITS

May 2007

The second stage of ITS is being steadily implemented.



• After testing and trial operation, full-scale operation is beginning for a variety of second-stage ITS services.

	FY	2006	FY	FY 2008 and beyond	
Smart interchanges	Field tests	Full-scale operat	on		
Motorcycle ETC	Trial operation	Full-scale oper	ation		
Road ranking maps for car navigation systems	Nationwide deployment ranking map		Joint research Online version	n for the Kyushu region	
Regional deployment			Regional deployment of ITS		
More advanced control of overweight vehicles			Promoting further advancement		
Multi-purpose use of ETC		Tests begin for introduction of ferry ETC	Resumption of ferry ETC operations		
Public parking lot payment	Field tests (Sapporo, 7	okyo, Nagoya, and Osaka)	Full-scale operation		
Next-generation road services	Development of standard preparations for pu	rds and specifications; blic road tests, etc.	Public road tests	Trial operation; full-scale operation Demonstration on Tokyo M	
Testing at Sangubashi	Public road tests				

Reference data: Proliferation of car navigation systems and VICS



• A cumulative total of more than 25 million car navigation systems and more than 17 million VICS units have been shipped (as of December 2006).



Fig.: Sample car navigation system screen

Fig.: Sample VICS screen

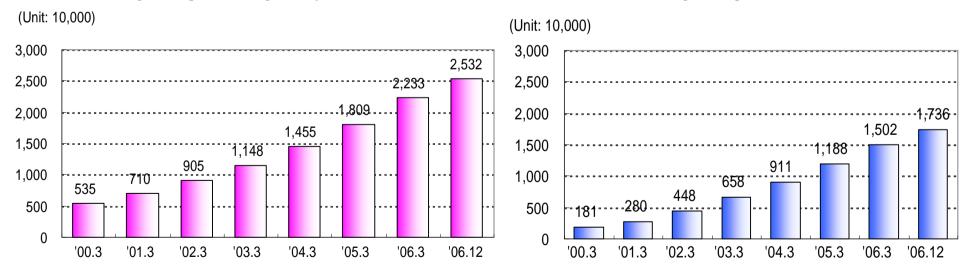


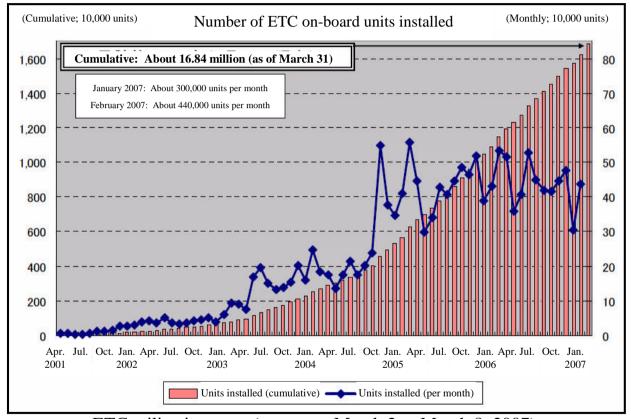
Fig.: Cumulative total number of car navigation systems shipped

Fig.: Cumulative total number of VICS units shipped

Reference data: Number of ETC units installed and utilization rates



- Approximately 17 million ETC on-board units have been installed (as of March 31, 2007).
- The utilization rate is about 66% nationwide, and over 73% on the Tokyo Metropolitan Expressway.



ETC utilization rates (averages, March 2 to March 8, 2007)

	East Japan Expressway	Central Japan Expressway	West Japan Expressway	Tokyo Metropolitan	Hanshin Expressway	Honshu-Shikoku	Nationwide
				Expressway		Expressway	
Vehicles using ETC units	About 1,432,800 units per	About 1,106,900 units per	About 1,257,000 units per	About 900,800 units per	About 609,500 units per	About 60,300 units per	About 5,367,400 units per
	day	day	day	day	day	day	day
Total vehicular traffic	About 2,285,900 units per	About 1,618,200 units per	About 2,026,100 units per	About 1,227,200 units	About 898,400 units per	About 94,300 units per	About 8,150,100 units per
	day	day	day	per day	day	day	day
ETC utilization rate	62.7%	68.4%	62.0%	73.4%	67.8%	64.0%	65.9%