

## Collision of the South Tropical White Oval and the Red Spot of Jupiter

# Isshi Tabe [1], Kuniaki Horikawa [2], Hitoshi Hasegawa [3]

[1] Libra Corporation, [2] SCM Solution Development ITS Co., Ltd., [3] ASTEC

The collision of the long lived white oval in the South Tropical Zone and the Red Spot on Jupiter was observed in May 1997. The size of the oval was a half of the Red Spot, and the oval was also an anti-cyclonic vortex as the Red Spot. We traced the longitudinal motion of the oval since 1994, and the similar oval was also observed since 1987. These ovals indicate decelerated at a constant ratio, but the motion was not continuous. The newer oval collide with the Red Spot and finally merged.