Eric Boe/CAPCOM: Discovery, you are "go" for the deorbit burn.

Kevin Ford/STS-128 Pilot: Houston, Discovery copies "go" for the deorbit burn.

Rob Navias/STS-128 Commentator: With that, Eric Boe radioing up to

Pilot Kevin Ford that the crew is "go" for the deorbit burn.

We're still discussing runway selection options based on the direction of the winds

at Edwards Air Force Base, but everything is in good shape to accept

Discovery's crew with touchdown scheduled one hour, 42 minutes from now.

Eric Boe/CAPCOM: Discovery, good config. for the burn.

Rick Sturckow/STS-128 Commander: Copy Houston, good config. for the burn.

The propulsion officer reports that the
deorbit burn is under way. Two good engines, good control of the orbiter.

Discovery beginning the trip home to Edwards Air Force Base, Calif.

This breaking maneuver will last two minutes, 35 seconds, slowing Discovery down

by 267 feet per second, enabling it to enter the Earth's atmosphere nose first.
All of the systems in excellent shape to support the next hour-long descent back to the landing site at Edwards Air Force Base.

Eric Boe/CAPCOM: Discovery, good burn. No trim required.

Rick Sturckow/STS-128 Commander: Copy Houston, good burn.