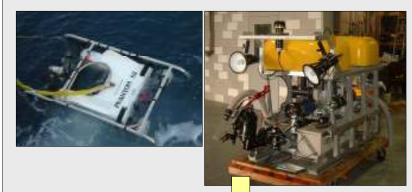# Equipment used – MPA group

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GEAR

Remotely Operated Vehicle (ROV)

Stationary Video Camera Array

Chevron Fish Trap

Conductivity-Temperature-Depth recorder (CTD)

DATA COLLECTED

- Continuous high-resolution video
- Digital still images of fish and habitat

- Continuous high-resolution video data from each of the four cameras

- Standard, fork, and total length of fish caught
- Otoliths and gonads for age, growth and reproductive studies

- Temperature, depth, salinity, dissolved oxygen and light transmissivity

USE OF DATA

Estimate of fish densities and habitat characterization

Determine relative abundance of fish and percent cover of habitat

Determine age and size structure of populations, and spawning condition of fish

Full water column measurements to evaluate oceanographic conditions

EXAMPLES