



MISSION: ICONIC REEFS NEWFOUND HARBOR

Photo: NOAA

Newfound Harbor is a shallow patch reef that has historically supported communities of boulder, star, and giant brain corals. The corals create habitat for angelfish, butterflyfish, surgeonfish, parrotfish, and more. Newfound Harbor is easily accessible by boat, making it a popular snorkeling site. Newfound Harbor is also a site used frequently for experimental and field-based education programs. Unfortunately, frequent boat groundings have damaged the reef.

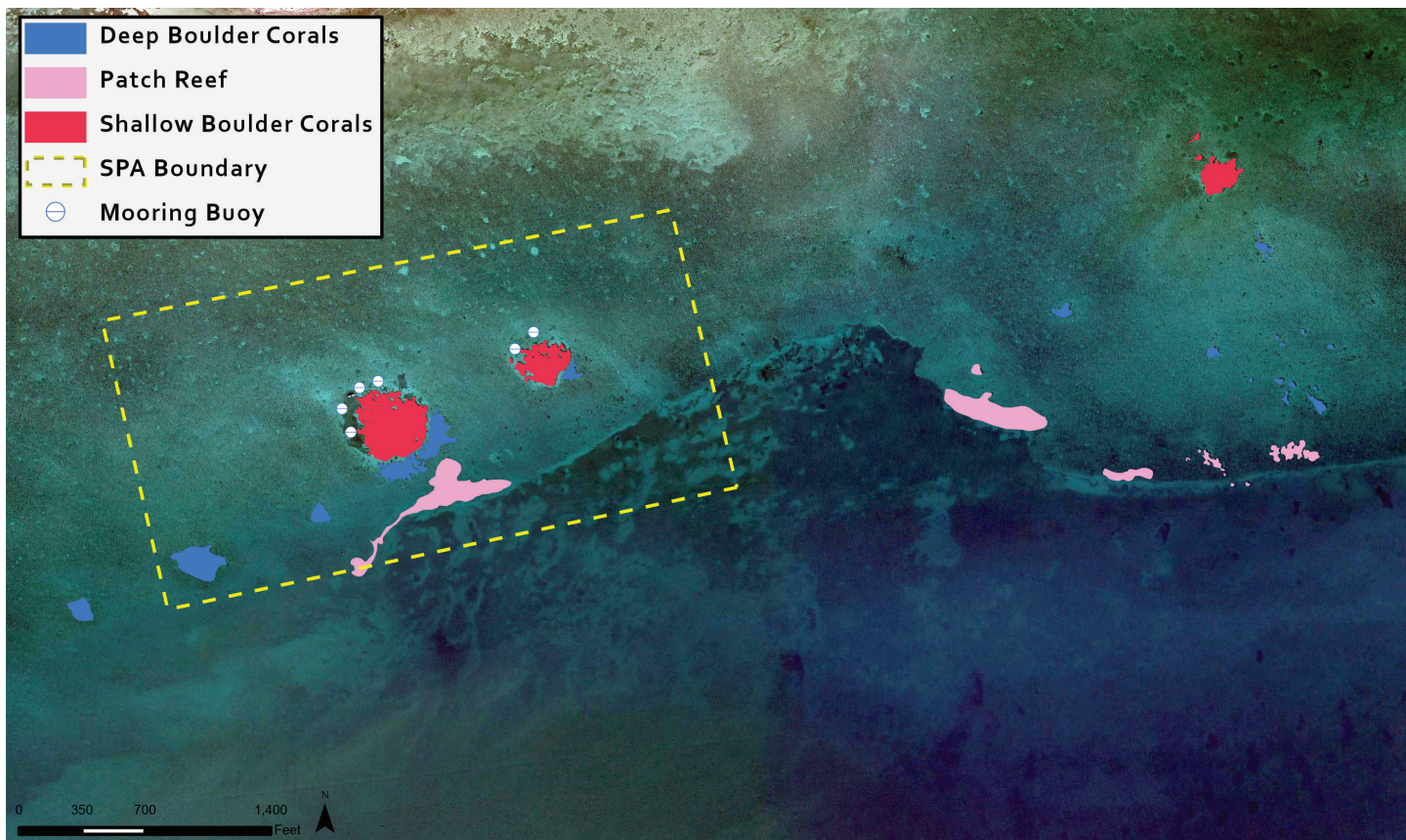
Restoration Vision

Mission: Iconic Reefs is an unprecedented effort to restore seven ecologically and culturally significant coral reefs within Florida Keys National Marine Sanctuary. Informed by years of research, successful trials, and expertise from scientists and restoration practitioners, this will result in resilient and regenerative coral reefs in the Florida Keys. Coral restoration is already underway at Newfound Harbor, and the **Mission: Iconic Reefs** project will build on these efforts, restoring coral cover to an average of 6% across three habitat zones. The site will receive more than 14,000 coral outplants that will help reestablish star and brain corals. Regular site maintenance, performance monitoring, and adaptive management will be performed to ensure success.



Photo: NOAA





The map (above) of New-found Harbor depicting the reef habitat zones to be restored through **Mission: Iconic Reefs**. The map also depicts the sanctuary preservation area (SPA) boundary and locations of mooring buoys.

The table (top right) depicts the area to be restored, numbers of corals to be outplanted, and target total percent coral cover for New-found Harbor by Reef Zone and Phase.

The graph (bottom right) depicts the number of corals to be outplanted to New-found Harbor by species and phase. There is an emphasis on outplanting star, brain, and other boulder corals, typical of this patch reef habitat zone.

Zone	Area to be restored (m2)	Phase 1 Corals to be planted	Phase 2 Corals to be planted	Total coral cover (%)
Patch Reefs	5,361	3,515	6,087	7.50
Shallow Boulder Coral	2,410	846	2,610	5.00
Deep Boulder Coral	676	237	732	5.00
TOTAL	8,447	4,599	9,429	

