



Management Effectiveness Assessment on South African Coral Reefs

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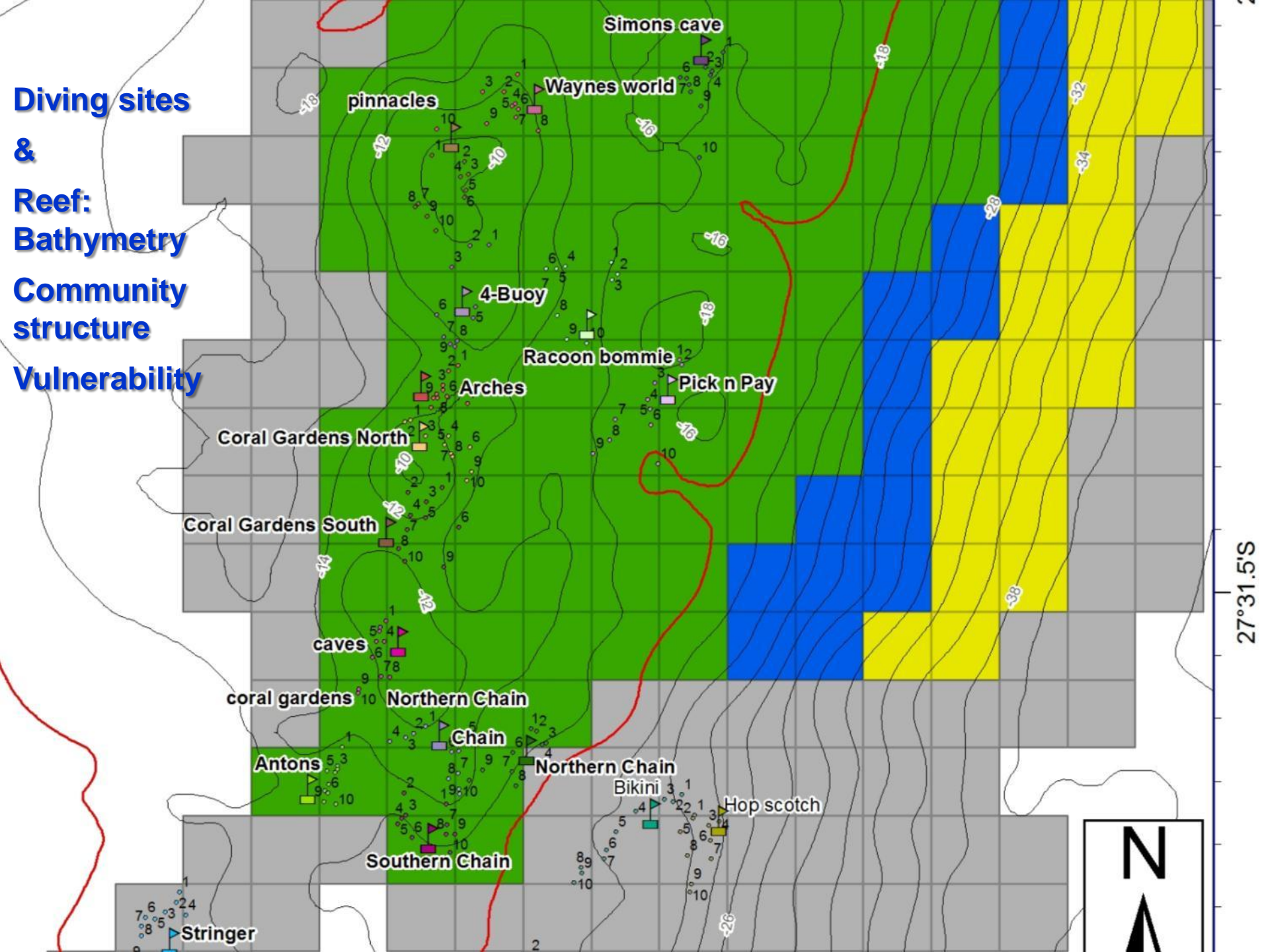
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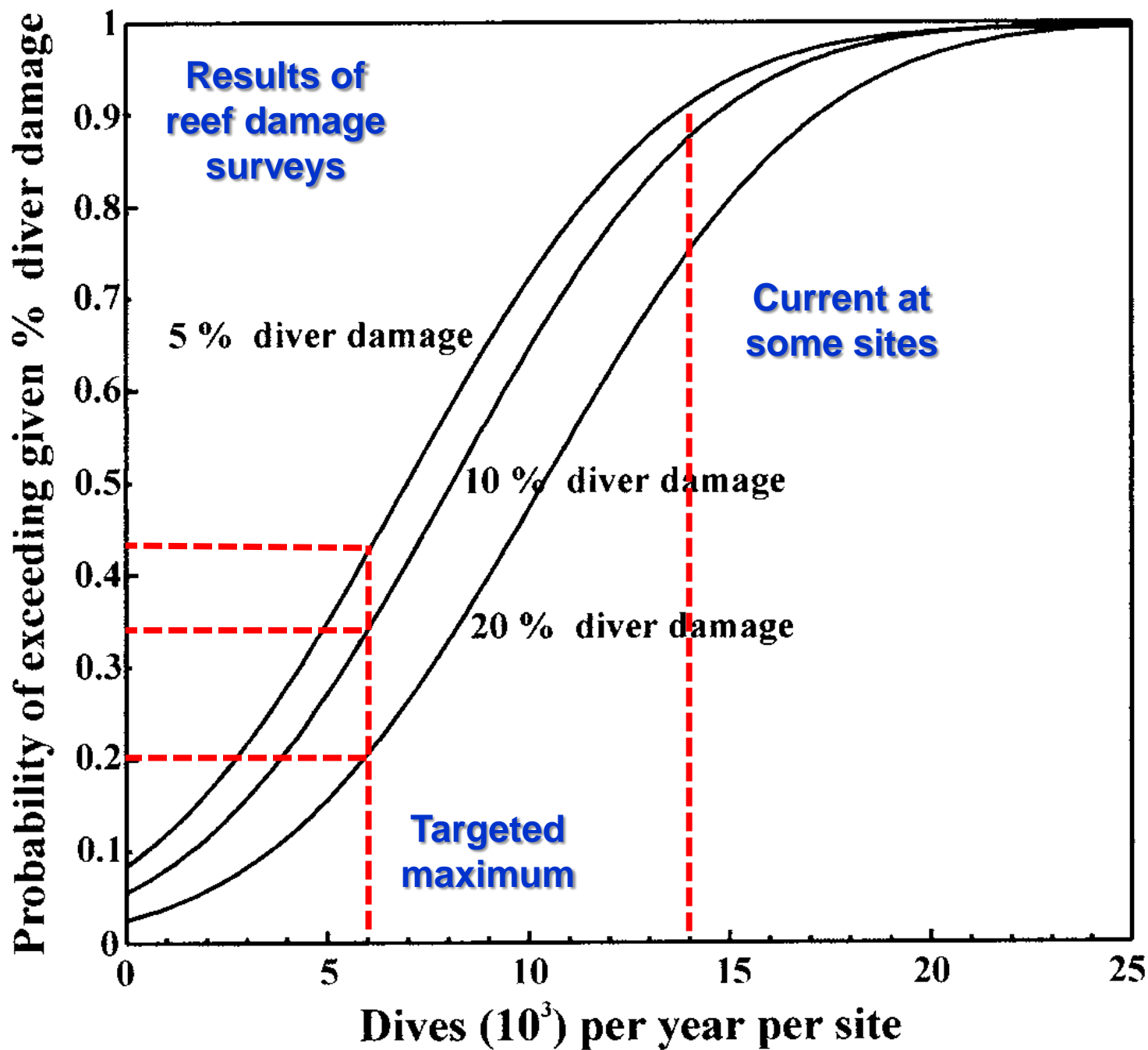
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BACKGROUND

- iSimangaliso Wetland Park Authority conducts MEA on Maputaland coral reefs, reporting directly to DEA
- Designated conservation provider = KZNW
- Intensity of reef use is a concern
- ORI conducts major monitoring programmes
- Survey & research results are applicable

**Diving sites
&
Reef:
Bathymetry
Community
structure
Vulnerability**





Reef zonation for use Use per site

(Based on coral sensitivity,
reef carrying capacity and depth)

(Nine contiguous blocks; 300 x 300 m)

N : Shallow, snorkellers

Near subtidal reefs <8 m

L : Learner divers

Resilient reefs <18 m; ≤ 25 dives.day⁻¹

U : General use

Resilient reefs <18 m; ≤ 19 dives.day⁻¹

R_E : Experienced divers

Sensitive reefs <18 m; ≤ 7 dives.day⁻¹

R_A : Advanced divers

Resilient reefs 18-39 m; ≤ 19 dives.day⁻¹

R_{AE} : Experienced & advanced

Sensitive reefs 18-39 m; ≤ 4 dives.day⁻¹

R_S : Special biota

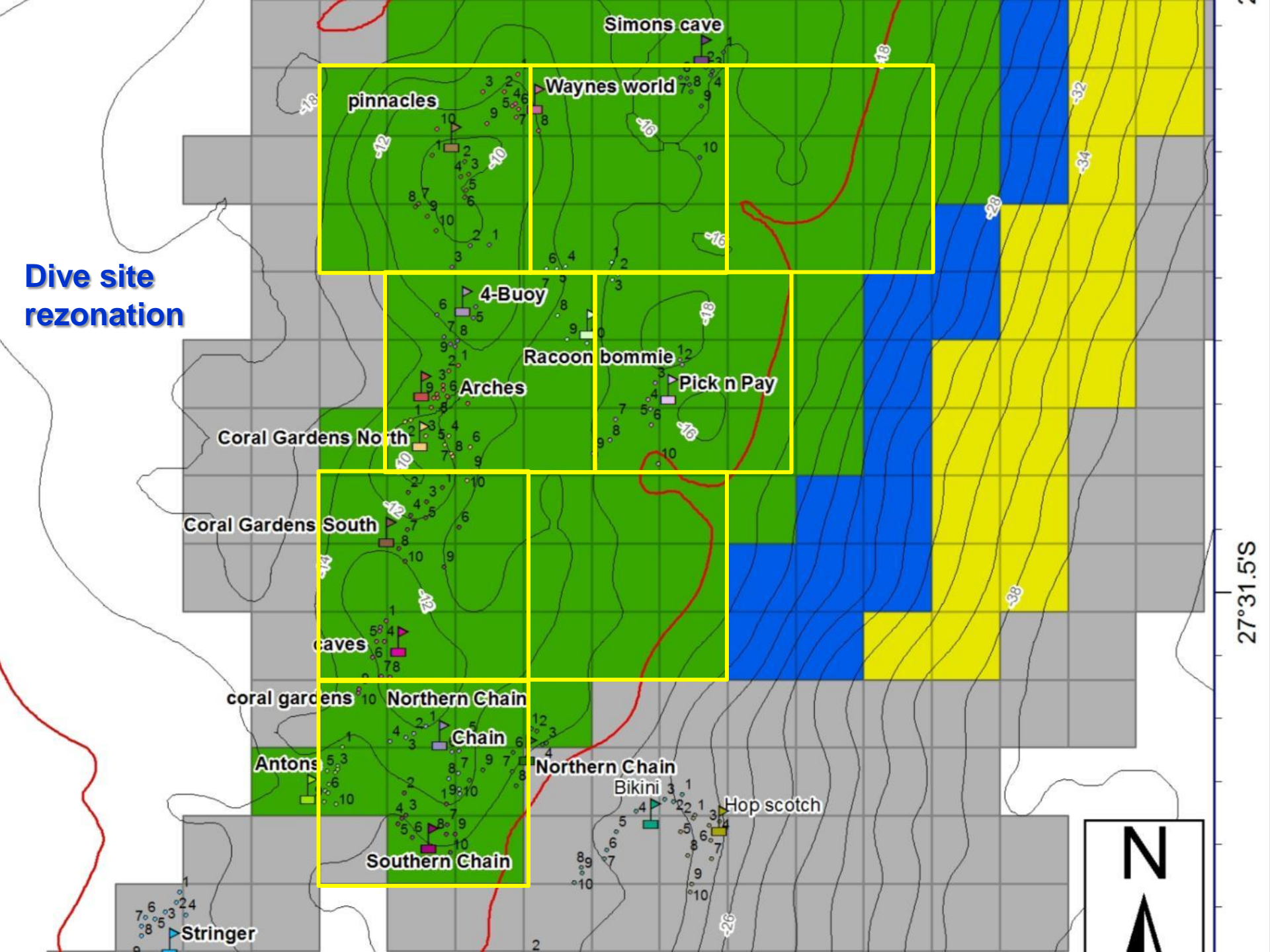
Existing or proposed sanctuaries

S : Sanctuaries

Existing or proposed sanctuaries

For convenience, these dive rates may be expressed per week but the implications of loading the full weekly quota on a site in a single day or weekend must then be taken into account.

Dive site rezonation



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