

Straw Proposal: Integrated RAMP Approach

Prepared by CDFW for Sept 2019 Working Group Meeting

HUMPBACK WHALES

Confirmed Entanglement(s)?
During the pre-season soak period or during the open season

Yes

No

CA comm Dcrab Gear

Unknown Gear

1 = 50% ↓ vertical lines

2 = 50% ↓ vertical lines

2 = statewide closure

4 = statewide closure

Backstop

No

Marine Life Concentrations
Do we have data?

Before Feb

Fleet Dynamics

When will the season open?

• Fall: Open Dec 1 statewide (unless delayed for domoic or quality)

• Spring: Close Apr 1 statewide

Yes!

Options!

During Feb

After

March 1

Season closes April 1
 Unless spring concentration data is available

Don't Open

Time of Year?

Fall (Nov – Dec)

Spring (Mar – June)

Aerial Surveys (density)

MBWW (counts)

Aerial Surveys (density)

MBWW (counts)

5-10 per nm²

> 10 per nm²

< 10

10-20

> 20

5-10 per nm²

> 10 per nm²

10-20

> 20

=
50% ↓ vertical lines + outreach

=
Delay until Dec 1

=
Outreach

=
50% ↓ vertical lines + outreach

=
Delay until Dec 1

=
50% ↓ vertical lines + outreach

=
Closure

=
50% ↓ vertical lines + outreach

=
Closure

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Unknown Gear

1 = < 50 fm + 50% ↓ vertical lines

2 = statewide closure

1 = outreach

2 = < 50 fm

Backstop

No

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Aerial Surveys (density)

MBWW (counts)

Aerial Surveys (density)

MBWW (counts)

1 per nm²

2 per nm²

< 5

≥ 5

1 per nm²

2 per nm²

< 5

≥ 5

= Outreach

= < 50 fm

= Outreach

= < 50 fm

= Outreach

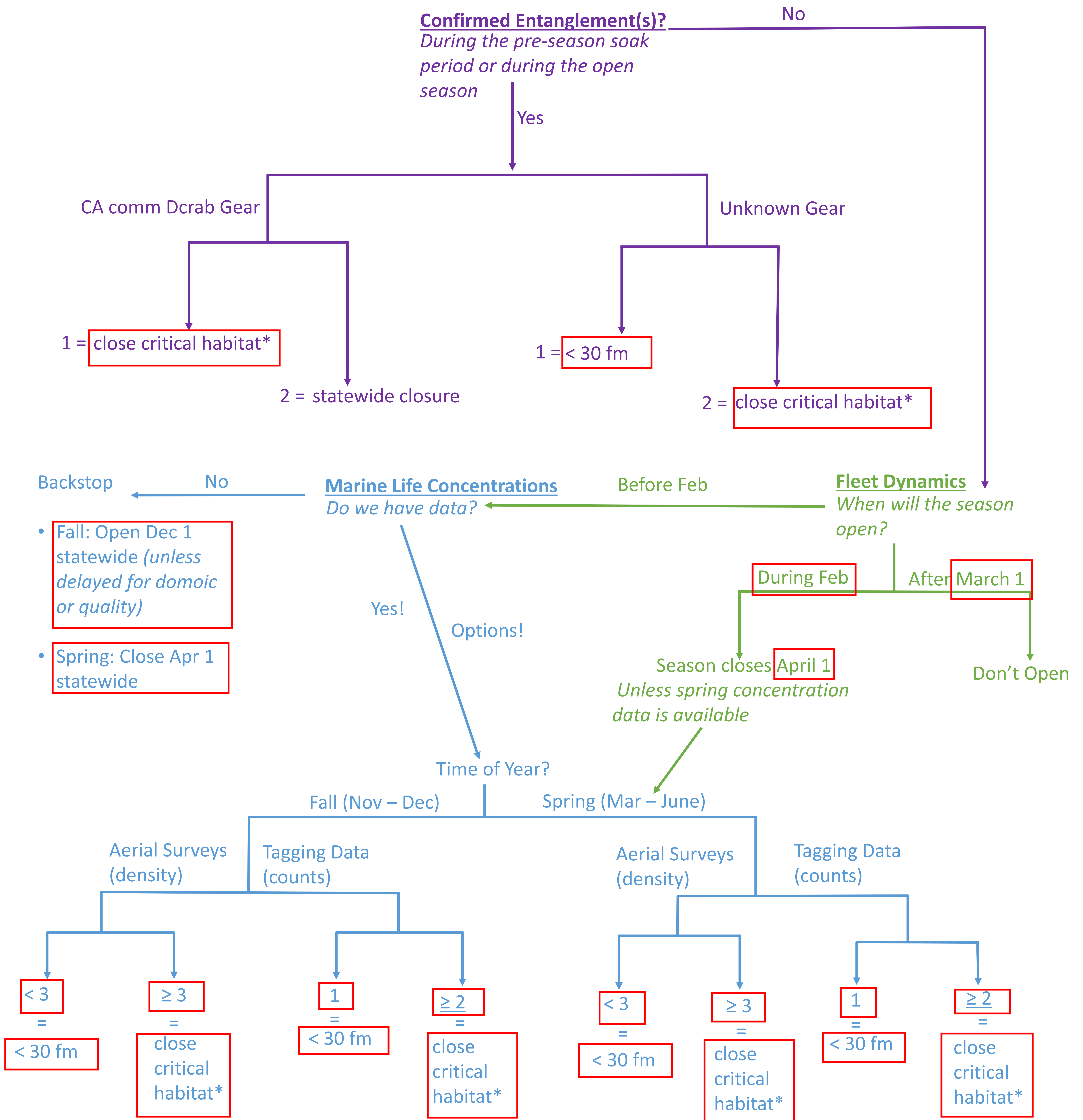
= < 50 fm

= Outreach

= < 50 fm

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* Critical habitat = Pt. Arena to Pt. Arguello