

Site name: _____ **Date:** _____

1. PRE-SURVEY SECTION *(complete on the beach, before the survey)*

Trip Leader: _____

Surveyors: _____

Name of GPS unit(s): _____ Accuracy of GPS: +/- _____ ft

Weather conditions (*circle one*)

Heavy rain

Tide station: _____ Tide height (ft): _____

Current station/source: _____ Current (knots): _____

Survey conditions (*e.g., wind, waves, swell, current behavior*):

2. Find and use Survey Section on back during survey. After survey, fill out Post-Survey Section below

3. POST-SURVEY SECTION *(complete on the beach, after the survey)*

Sketch the surveyed area (using layout like figure on pg. 2 including reference letters for all points)

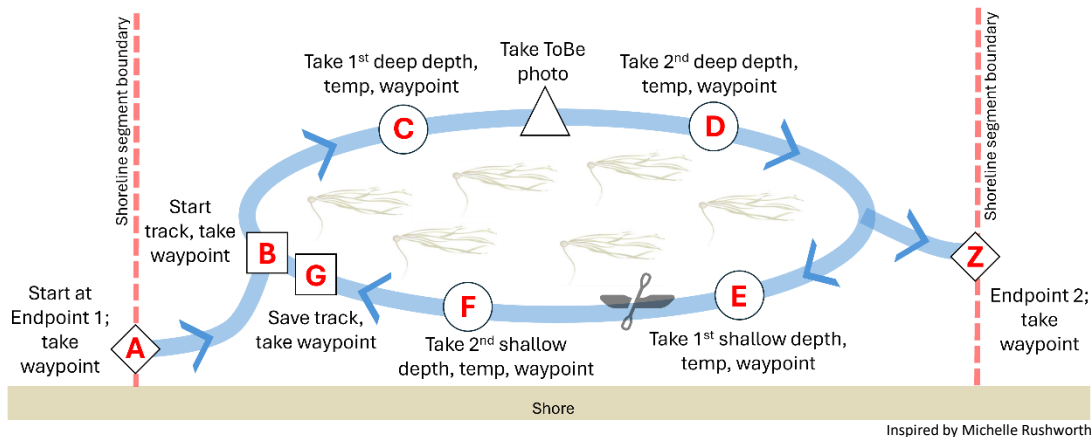
Post-survey debriefing (write Y or N or the number score in spaces next to each question):

- Did you save the bed perimeter in one or more GPS units? ____
- Was a ToBe photo taken? ____
- Was slack current observed? ____
- Rate the data 1-3 (1: major issue, don't use; 2: use but be aware of issues, 3: use) ____

Site name: _____ Date: _____

2. SURVEY SECTION *(fill during survey; diagram may vary from your survey but shows general point locations)*

Start time *(time of first GPS entry)*: _____ End time *(time of last GPS entry)*: _____



ENDPOINTS *(marks the ends of the area that you surveyed)*

A. Endpoint 1 *(waypoint name)*: _____ **Z.** Endpoint 2 *(waypoint name)*: _____

PERIMETER *(marks the area where the kelp bed is; may not extend the full shoreline segment)*

Perimeter track name: _____

B. Perim. start *(waypoint name)*: _____ **G.** Perim. stop *(waypoint name)*: _____

KELP BED DEPTHS & TEMPS or CLUSTER/BULB DEPTHS & TEMPS

- **If a bed exists:** record all fields except # bulbs for 2 points on the shallow edge and 2 on the deep edge
- **If no bed exists:** record all fields for each cluster (≤ 10 bulbs) within the shoreline segment

	Waypoint name	Depth (ft)	Temp	Time	# bulbs
C. Deep edge 1 <u>or</u> Cluster 1					
D. Deep edge 2 <u>or</u> Cluster 2					
E. Shallow edge 1 <u>or</u> Cluster 3					
F. Shallow edge 2 <u>or</u> Cluster 4					
Misc. waypoint <u>or</u> Cluster 5					
Misc. waypoint					

OBSERVATIONS *(consider bed density, health of blades, presence of animals or other kelps in the bed, human impacts, fishing activity, neighboring kelp, etc.):*
