

Kelp Forest Restoration Dive Basics



Giant Giant Kelp
Restoration Project

Getting ready: One time Only

- Register as a Giant Giant Kelp Restoration (G2KR) diver: g2krlink.com/register
- Read and sign the G2KR Waiver and Release g2krlink.com/waiver
- Buy a fishing license: g2krlink.com/license

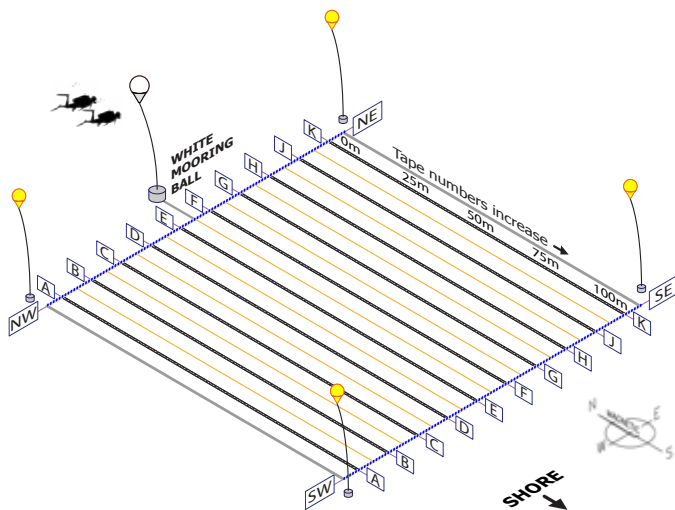
Before Every Kelp Restoration Dive

- Get a lane assignment: g2krlink.com/getalane
- Be sure to bring a slate, pencil, hammer, surface marker buoy and reel.
- Write your lane assignment and starting meter mark on your slate.
- Agree with your buddy on when and how you will ascend at the end of the dive. Save some air to swim underwater to a buoy line. Ascend on a buoy line, or use your SMB. Surface with at least 500psi.

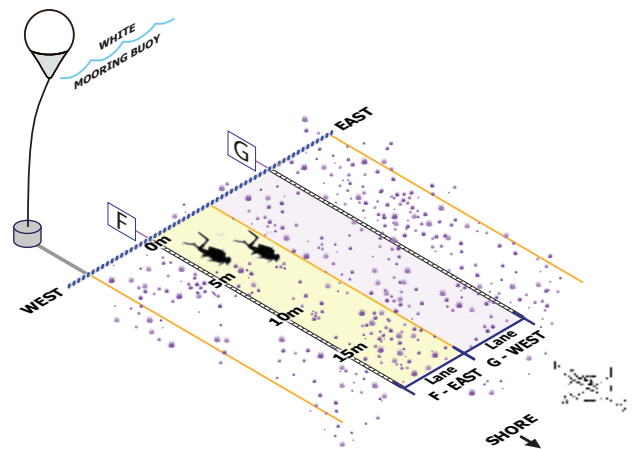
If you are culling on the grid

[If your dive will start at the Orange Buoy, skip to that section below]

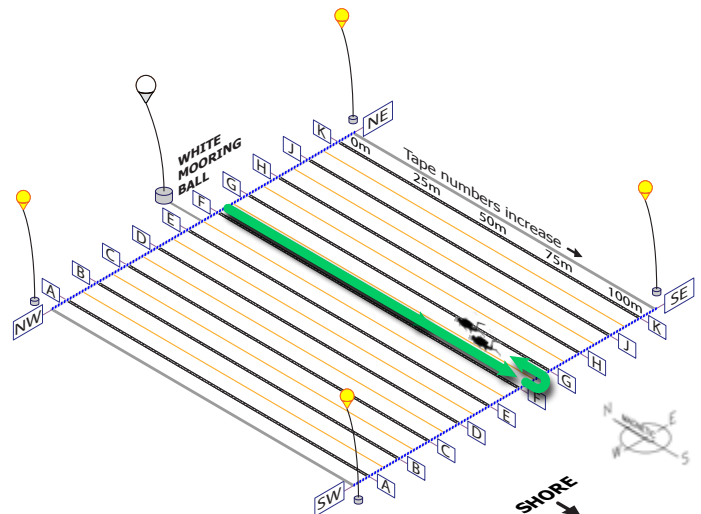
- Swim to the white mooring buoy and descend on the buoy line.
- Establish neutral buoyancy and make sure no gear is dangling.
- At the base, follow a short line (7m/20ft) south to the grid.
- Arrive at a cable with lane labels. F - K are eastward. E - A are westward.



- Follow the cable to find your lane assignment.
- Note the time you begin actually culling urchins on your slate — not the time you began your dive.

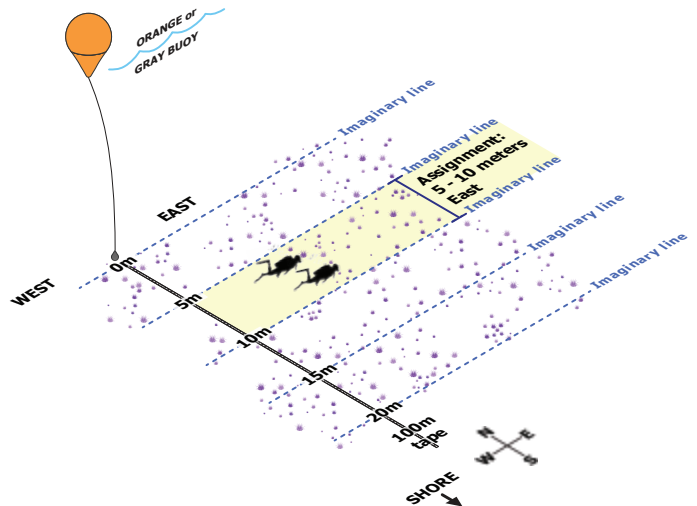


- Buddy pairs should work together culling urchins within the same 5 meter/ 15' lane.
- If you reach the end of your lane, move to the next lane to the east and continue culling until it is time to ascend.



If you start from the Orange Buoy

- Agree with your buddy on what air pressure will signal time to turn the dive back toward the starting point. Leave enough air to get back to the Orange Buoy.
- Swim to the Orange Buoy and descend the buoy line.
- Establish neutral buoyancy and make sure no gear is dangling.
Find the meter tape and swim southward to your assigned starting point.
- Use your compass to turn to the East or West, as assigned.
- Continue your dive traveling due East or due West culling urchins as you go.
- Refer to your compass often to maintain a fairly straight path.
- Turn around and swim back toward the meter tape when your air reaches the agreed level.



- At the meter tape, turn northward toward the buoy line. Remember, the buoy is at meter zero.
- Ascend at the buoy line, or use your SMB.

On Every Kelp Restoration Dive

- Cull urchins thoroughly, but without harming other marine life.
- Be sure to look for urchins hiding under kelp detritus and on kelp stipes, blades and holdfasts.
- Break urchins enough to kill them. A single puncture in a large urchin is not enough.
- If you are a Reef Check or AAUS diver or similar over-achiever, we would appreciate an urchin count. You can record all urchins together or red and purple urchins separately.
- Mark your end time and location on your slate.
- Ascend along a buoy line or use an SMB to alert nearby boats that divers are present.
- Use your slate to record anything else noteworthy:
 - Marine Mammal Encounters
 - Invasive species (with location)
 - Accidental damage to marine life
 - Trash or Damage to grid lines or buoys

After Every Kelp Restoration Dive Log Your Own Dive Data

- Log your dive at g2krlink.com/divelog.
- Each buddy should do a log entry for each dive. The form is short and easy to fill in on your phone.
- Enter your G2KR volunteer number (received upon registration) to *earn a raffle ticket*. You can look it up on the roster at g2krlink.com/roster
- Enter the date by using the calendar icon to prevent format errors
- Enter your time using only numbers
- Use “comments” to record any special circumstances or noteworthy observations

The data you record is critical to the success of this project. Thank you for entering it right after your dive!

Every completed dive log entry earns one raffle ticket at the annual volunteer appreciation party.

Questions? Contact: info@g2kr.com

Kelp Forest Restoration divers are encouraged to download and print this page for reference.

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Links and documents conveniently located at g2krlink.com

Contact: info@g2kr.com

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