

## Using the WOBYC Crane at Colmans Dyke

Safe Working Load (**S.W.L.**) for the crane is **1Tonne (1T)**, as indicated low on the side of the Jib.

Please be aware of a **hard-spot in slewing** the crane.

For the remainder of 2015 season WOBYC intends to continue to live with this, planning to arrange a major service early during the winter season.

1. **Do not expect to be able to operate this crane short-handed;**  
at least 2 handlers are required (one controller and one 'pusher');  
it may prove more useful to have two 'pushers',  
i.e. at least 3-persons in total.
2. Enter Colmans shed and turn-ON the **electric supply**.  
(*There has been occasional fuse-blown, which we cannot yet ascertain the cause of ?*)
3. Collect necessary **equipment**;  
Spreader frame (on Trolley);  
Safety equipment (Hard hats, Cones, Flagged Buoys e.t.c. );  
Slings or strops (as appropriate to the job), but only in-date Tested gear.

Spreader-Frame dimensions are designed to use it '**wide**' for WODs and '**narrow**' for BODs

4. Open the Crane **control box** to reveal the key for the Crane Slew-Padlock;  
Remove the slew-padlock (This was bent by some user, now renewed ! );  
Remove the handle and fit to either end of the slew gear;  
Lay out on the ground, away from the slew-handle the hoist control on its cable
5. **Test** the hoist operation;  
Down first (a few inches),  
then Up to the topmost end-stop (when the hoist should automatically cut-out);  
if there is no response from controls, check the emergency stop  
(red button on the controller) is fully 'clicked' out.
6. When slewing without a load, the jib should move easily to the handle;  
**When slewing with a load, it will be necessary to push or pull the load,**  
.... by hand perpendicular to the line of motion;  
e.g. A boat can be pushed-Out at its topsides (beware of falling over the quay-head)  
e.g. A boat can be pulled-In using bow and stern breasts simultaneously

Note-5: The electronic Top Stop-Point has been adjusted higher than original.  
If the 'Test' seems to indicate that the hoist will lift above **3-links showing, STOP**  
and take care Not to Allow the Hook-box to touch the Hoist .....  
Report this to Rear Cdre a.s.a.p.  
(*we do not yet know how accurate and repeatable the end-stop is ??*)

Note-6: Any **excessive manual effort** needs to be reported to Rear Cdre a.s.a.p., when  
the crane may need to be put out of action pending soonest remedial work which  
might then take some months to complete.

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