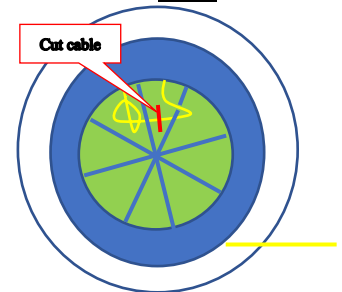


## Notes on changing winch cable 30/08/2022

These notes are an aid to memory, not mandatory. Written as if for new cable on main winch, but same principle applies to end-for-end and to retrieve.

1. New cable on cable trolley, locking bolt secured on drum axle, cable exits rearward from bottom of drum
2. Swage loop in free end for parachute (1 copper ferrule).
3. Get helper, Vitara, several tyres and tie-down strops.
4. Start with everything at North end gully (but see \*)
5. Cut MW cable inside drum and free the end.



6. Attach tyres to loop on existing cable as weight and marker.
7. Drive main winch to S end of field up track beyond shelf until cable drops off (engine running or optionally very slow tow, engine off, if winch warm).
8. Stop engine, position drum to receive cable (pay-on rollers at outer edge of drum, just changing direction). This lines it up with hole in drum, and should wrap neatly.
9. Vitara leaves new cable/trolley at N end, gathers old cable by repeated folding and drags it off field.



10. When field clear, attach tyres to loop on new cable, hitch trolley to Vitara and lay out cable from N end past the main winch until it drops off.
11. Drive main winch so drum is beside end of new cable.
12. Send Vitara to N end of field, tell helper to stay away from cable until called.
13. Thread cable **USING CABLE HOOK**, tie off as above.
14. Wind 1 layer of cable very neatly and slowly on to drum using friction on ground for tensioning. Stop and tidy every 3 wraps if necessary. Engine needed as friction high.
15. Remove tyres from main cable. Attach Vitara to cable (strop through front towing eye). Use Vitara (freewheeling) to tension cable during winding in remainder of new cable.
16. Record cable change in DI book and on wall chart behind desk.
17. Check remaining cable stock. Notify winchmaster if fewer than 2 of each size.
18. Get helpers and put old cable in skip.
19. New cable will be lively until bedded in. Take extra care and release glider early. Warn next man if appropriate.

\* If winch is already at long South, use Vitara to pull old cable off drum rather than driving winch up and down field. Winching in new cable with winch at South end is desirable because ground slope helps tensioning.

Regards,

Geoff