



February 11, 2014

To Whom It May Concern,

RE: Using Intermediate Anchorage on Wire Rope Sayflie Horizontal Life Lines (HLL) to Create Separate Spans and Reduce Fall Clearances.

I am pleased to advise that Capital Safety finds acceptable adding intermediate anchorage points to a DBI/SALA Sayflie Wire rope HLL as a way to reduce span lengths and reduce fall clearances provided several design changes and procedures are implemented. It is acceptable to use DBI/ SALA fixed Beam anchors as the intermediate connection points for Sayflie HLL intermediates. It is acceptable to connect the Sayflie cable to the intermediate Fixed Beam Anchor using a carabineer.

Several design changes and procedures must be implemented before intermediates can be used.

- 1) A Zobit energy absorber must be used at each terminating HLL end for all HLL systems with intermediates no matter the system length. Sixty foot or less Sayflie HLL systems only come with one Zobit Energy absorber so an additional Zobit will need to be purchased.
- 2) The Sayflie HLL must continue to be in a straight line configuration. No corners or partial corners are allowed.
- 3) The intermediate stanchion must be able to support 3600 Lbs. in the direction of the fall.
- 4) Since bypassing the intermediate connection is impossible with this intermediate set-up, 100% tie-off SRL's like Twin Nano-Lok's are required to maintain tie-off at all times while transitioning between spans. Only one tie-off leg needs to be connected while within a span. The second, unused leg of the Nano-Lok should be connected to the harness on a tear-away loop.
- 5) Two people may be connected to the HLL within spans. You may have up to 6 people on the system if you have 3 spans or more.
- 6) Each span will have a fall clearance based on the span length. See the instruction manual for fall clearance numbers based on system length.
- 7) Connecting fall arrest subsystems must have a maximum arresting force of 900 Lbs.
- 8) Capacity of the system is 310 Lbs. per person (person, clothing, tools) and two people per span. If one person is between 311 and 420 Lbs., the system can be down graded to that one 311-420 Lb. person per span with a max of 5 people with 3 or more spans.

All other instructions, inspections and warnings as found in the instruction manuals apply.

Sincerely,

Russ Martin
Technical Support Specialist
Capital Safety