

[Quotation Q409578.MBARI](#)

To: Jon Erickson
MBARI Bldg A
7700 Sandholdt Road
Moss Landing, CA 95039-9644

Ref: Request for Quotation for Levelwind Rollers and drum modifications for MOOS Winch
(DYNACON JOB 843)

Mr. Erickson,

Per your inquiry, 1,640 feet (500m) of 2.1" diameter cable, 5,900 feet (1,800m) of 1.4" diameter cable, and 3,280 feet (1,000m) of 1.5" diameter cable will fit on the MOOS winch with approximately 1.2" of free flange per side. A worst case cable stack-up will bring the OD of the top layer of cable even within .8" of the flange. The Levelwind rollers currently on the MOOS winch will not work with your cable, see the pricing below for a new set of rollers, which will directly interchange with the existing rollers. In addition, the steel rollers mounted on the levelwind will have to be removed for this operation.

Please note that the core diameter is only 46", therefore your respective D:d ratio for the 2.1" portion is 22:1. It would be advisable to confirm this with your cable manufacturer, as it is smaller than our recommended 40:1 ratio. The respective ratios for the 1.4" and the 1.5" sections are approximately 41:1 and 50:1.

The cutout between the umbilical section and the termination section is only 1.5" wide. An existing drum will have to be modified or a new drum built in order to make the 2.1" diameter cable fit.

ITEM	QTY	DESCRIPTION	UNIT COST	TOTAL COST
1	2	Large Levelwind roller for DYNACON Job 843 Dwg no. M421-2006-09 Machined for 2.1" diameter cable	\$ 1221.08	\$ 2442.16
2	Lot	Spare Drum modifications to allow 2.1" cable to pass thru the drum flange	\$ 3,450.00	\$ 3,450.00

Freight: FOB Bryan, Texas, Ex-Factory.

Delivery: Item 1: 4 weeks After Receipt of Order
Item 2: 4 weeks After receipt of Spare Drum and Cable Sample

Terms: 100% Net 30 days

Quote Validity: 60 Days

Submitted by:

Wesley Keepers
Sales Engineer, DYNACON, Inc.