

Scripps / ROGER REVELLE

## MOOS Winch



MOOS Winch with level wind attached. Note lifting eyes at corners of winch stand.





MOOS Winch with level wind removed.



Hydraulic power unit (HPU).



Control stand.

Option 1 (Assembled, Spool in Stand)

ITEM	S/N	WEIGHT	DIMENSIONS (L x W x H)	LIFTING POINTS
Spool & Stand	Spool: 843102  Stand: 843101	10,200-lbs	137" X 96" X 96"	4 padeyes (one at each corner)
Controls	843104	60-lbs	12" X 12" X 44"	N/A
Level Wind	843103	2,000-lbs	134" X 33" X 60"	Use nylon slings
Hydraulic Power Unit (HPU)	843105	3,500-lbs	81" X 33" X 52"	4 padeyes (one at each corner)

Option 2 (Disassembled, Spool removed from Stand)

ITEM	S/N	WEIGHT	DIMENSIONS (L x W x H)	LIFTING POINTS
Stand	843101	2,200-lbs	137" X 96" X 65"	4 padeyes (one at each corner)
Spool	843102	8,000-lbs	136" X 86" X 86"	Use nylon slings around core
Controls	843104	60-lbs	12" X 12" X 44"	N/A
Level Wind	843103	2,000-lbs	134" X 33" X 60"	Use nylon slings
Hydraulic Power Unit (HPU)	843105	3,500-lbs	81" X 33" X 52"	4 padeyes (one at each corner)

## **INSTALLATION, OPERATION, MAINTENANCE MANUAL**

**For**

**22.5 kW (30 HP) MOOS Mooring Winch With  
Electro-Hydraulic Power Unit, Electro-Active Levelwind System,  
and Spare Drum**

<b>Winch</b>	<b>S/N 843101 W</b>
<b>Drum</b>	<b>S/N 843102 D</b>
<b>Levelwind</b>	<b>S/N 843103 EALW</b>
<b>Controls</b>	<b>S/N 843104 LC</b>
<b>Power Unit</b>	<b>S/N 843105 EHPU</b>
<b>Spare Drum</b>	<b>S/N 843202 D</b>

**Manufactured  
For  
Monterey Bay Aquarium Research Center**

**Manufactured By:**

**DYNACON, INC.  
831 INDUSTRIAL BLVD.  
BRYAN, TEXAS 77803  
Tel: (979) 823-2690  
Fax: (979) 823-0947**



REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	A	ADD LEVEL WIND LOAD TEST	25FEB04	JRK

### MOOS MOORING WINCH

Manufactured for:  
MBARI

Serial Numbers:  
843101W  
843102D  
843103EALW  
843104LC  
843105EHPU  
843202D

APPROVED BY:	DATE:	
PRESIDENT:	JS	27JANO4
EXECUTIVE VICE PRESIDENT:	JRJ	27JANO4
SALES:	WAK	27JANO4
PROJECT MANAGER:	JRK	26JANO4
FACTORY ACCEPTANCE TEST SUPERVISOR:	JWL	02FEB04
ELECTRONICS:	SJS	30JANO4
HYDRAULICS:	ADH	28JANO4
QUALITY ASSURANCE:	EBC	30JANO4
CUSTOMER REPRESENTATIVE:		

ISSUED FOR  
JOB NO. 843  
FEB 26 2004  
BY EBC  
PRODUCTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES $\pm 1/16$ XX $\pm .02$ $\pm 1/2'$ .XXX $\pm .005$ REMOVE BURRS, BREAK SHARP EDGES. MATERIAL	CUSTOMER P.O. No.	DYNACON JOB No.	0843
	APPROVALS		DATE
	DRAWN	PRC	22JANO4
	DRAFTING CHECK	JRK	26JANO4
	ENGINEERING CHECK	JRK	26JANO4
	ENGINEERING APPROVAL	TS	27JANO4
FINISH 125/	APPROX. WT. LBS	PRODUCTION APPROVAL	DJ 27JANO4
DO NOT SCALE DRAWING			

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<b>FACTORY ACCEPTANCE TEST PROCEDURES</b>		
SIZE	CAGE CODE	DWG NO.
A		0843-0009-01
SCALE	N/A	FILE 0843FAT\0843-0009-01
SHEET 1 OF 18		REV A