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|  | *PACIFIC MARINE & INDUSTRIAL®*  P.O. Box 70520, Richmond, California, United States 94807-0520  510-233-2310 ◊ info@PacificMarine.net ◊ www.PacificMarine.net |

# Marine Towing Winch

# Information needed for quotation

1. Electric or hydraulic driven:

A. If hydraulic do you need power pack?

B. If you have power pack already, what is the pressure and flow rate of oil?

C. If Electric: What is the hz / volts / phase you have?

2. Single drum or double drum.

A. If double drum: what is the drum arrangement: waterfall or tandem?

3. Drum capacity:

What is the diameter and length of wire / rope the drum will hold?

4. Rated pull: Minimum Pull Over the Rope / Wire?

5. Rated speed: Minimum Speed Over the Rope / Wire?

6. Holding Power:

What is the required Holding Power of the winch?

7. Controls:

- Local control only

Or

- Local and remote

8. Which class certificate is needed? (ABS, DNV-GL, CCS, LR, BV, ?)

9. Other requirements?