



MARINE TERMINALS

<p>WHERE CARMAGEN ENGINEERING CAN HELP</p>	<p>Carmagen Engineering, Inc. can provide assistance with Marine Terminal Facilities:</p> <ul style="list-style-type: none"> • Conventional piers and sea islands • Multi-buoy vessel moorings (MBM) • Single point/buoy moorings (SPM/SBM) • Marine loading arms • Marine cargo hoses (rubber and composite) • Mooring equipment • Berth fendering systems
<p>AREAS/ACTIVITIES WHICH MAY ASSIST YOUR OPERATIONS</p>	<p>Work activities related to the above facilities where our assistance would support your planning of new/upgraded facilities or operations of existing marine terminals:</p> <ul style="list-style-type: none"> • Siting of new berths and selection of environmental design parameters • Defining requirements for new or upgraded berth facilities • Definition of berth facilities and layout • Development of bid specification for berth and/or top-side equipment • Evaluation of contractor bid proposals and designs • Inspection and maintenance evaluations for existing facilities • Review of berth suitability and upgrading options • Mooring assessments and equipment evaluations • Cargo transfer equipment (loading arms, hoses) reviews • Safety and Risk Assessment evaluation assistance • Technical support in application of OCIMF* guides • Assistance with applying ISGOTT** guidelines for operations <p>* OCIMF – Oil Companies International Marine Forum ** ISGOTT – International Safety Guide for Oil Tankers & Terminals</p>

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Plant Operations Support

Equipment - Marine