



InterOcean systems, inc.

Meteorological/Oceanographic Monitoring Systems Projects List

Proven Design and Successful Service...

The following are a few examples of integrated Meteorological/Oceanographic Monitoring Systems that have been designed, manufactured, tested, supplied, and supported by InterOcean systems, inc. For client privacy and confidentiality, contact details are not given, but can be provided upon special request.

Customer	Project	Integrated System Features
Pertamina Government of Indonesia	SPM Oil Terminal IOS Job No. 72239	Current Speed/Direction Wind Speed/Direction Wave Height/Direction Underwater Acoustic Telemetry Link Hawser Tension Monitor RF Telemetry w/Radio Repeater Shore Based Datalogger/Processor Mobile Data Receivers
Port of San Diego	SDMIS Port Monitoring IOS Job No. 72788	Web-Video Cameras Current Speed/Direction Wind Speed/Direction Tide Barometric Pressure RF Telemetry Mobile Data Receivers Electronic Nautical Charts Shore Based Datalogger/Processor Internet WebSite
Total Austral Argentine Oil Co.	SPM Oil Terminal Offshore Monitoring/Control IOS Job No. 72992	Hawser Tension Monitor Tanker : Mooring DGPS Coordinates Control/Monitor "Butterfly Valve" Control/Monitor Foghorn, Electronics RF Telemetry Shore Based Datalogger/Processor Mobile Data Receivers

IHMT, Taiwan Republic of China	Tanshui Pile Taipei Harbor	IOS Job No. 72988	Current Speed/Direction Wind Speed/Direction Wave Height/Direction Tide RF Telemetry Shore Based Datalogger/Processor
Nghi Son / Joint Venture Vietnam	Thanh Hoa Harbor	IOS Job No. 73068	Wave and Tide Wind Speed/Direction Water Temperature Shore Based Datalogger/Processor Hand Winch
IHMT, Taiwan Republic of China	AnPing Pile Tainan	IOS Job No. 72594	Current Speed/Direction Wind Speed/Direction Wave Height/Direction Tide OBS (Turbidity) RF Telemetry Shore Based Datalogger/Processor
Pertamina Government of Indonesia	SPM Oil Terminal	IOS Job No. 72239	Current Speed/Direction Wind Speed/Direction Wave Height/Direction Tide Hawser Tension Monitor RF Telemetry w/Radio Repeater Shore Based Datalogger/Processor Mobile Data Receivers
Hyundai Heavy Industries	Petrobras P-33	IOS Job No. 72143	Current Speed/Direction Wind Speed/Direction Wave Height Monitor Humidity/Air Temperature Sea Temperature & Conductivity Barometric Pressure Hand Winch
Hyundai Heavy Industries	Petrobras P-35	IOS Job No. 72143	Current Speed/Direction Wind Speed/Direction Wave Height Monitor Humidity/Air Temperature Sea Temperature & Conductivity Barometric Pressure Hand Winch
Lehigh Portland	Trump, Princess, & Baron Passenger Vessels	IOS Job No. 72259	Wave & Tide Shore Based Datalogger/Processor Spread Spectrum RF Telemetry Wind Speed/Direction Data Display Software

Danish Coastal Authority	IOS Job No. 71939	Current Speed/Direction Wave Height/ Direction Tide and Salinity RF Telemetry Temperature and Turbidity
Hyundai Heavy Industries	Petronas Refinery Melaka IOS Job No. 71361	Current Speed/Direction Wind Speed/Direction Wave & Tide/Barometric Pressure Humidity/Air Temperature Precipitation (Rainfall) Atmospheric Visibility Processor/Signal Conditioner Barometric Pressure Hand Winch Rack Enclosure
Hyundai Heavy Industries	ONGC, Neelam Platform IOS Job No. 71430	Current Speed/Direction Wind Speed/Direction Wave and Tide Barometric Pressure Humidity/Air Temperature Processor/Signal Conditioner Sea Condition Recorder Weather Condition Recorder Hand Winch Rack Enclosure
JAMSTEC Government of Japan	IOS Job No. 71125	Current Speed/Direction ARGOS Telemetry
Royal Australian Navy	Hydrographic Office IOS Job No. 19862	Current Speed/Direction Tide RF Telemetry and INMARSAT Barometric Pressure Acoustic Telemetry
PEMEX Government of Mexico	Vera Cruz Oil Loading Facility IOS Job No. 10614	Current Speed/Direction Wave and Tide Wind RF Telemetry Load Tension
Hyundai Heavy Industries	Japex OKI Project IOS Job No. 10555	Current Speed/Direction Wind Speed/Direction Wave and Tide Barometric Pressure Humidity/Air Temperature Sea Condition Recorder Weather Condition Recorder Remote Indicator Hand Winch

Kuwait National Petroleum	Mina Abdula Refinery (Sea Island Loading Terminal)	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Barometric Pressure Sensor Precipitation (Rainfall) Water Temperature Potential Gradient (Lighting) Monitor Recorders, Processors, and Indicators
Hitachi Zosen	ONGC, Sigar-Vikas Platform	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Indicators and Recorders
Autocon	ONGC Platform 13848-H	Current Speed/Direction Wind Speed/Direction Wave and Tide Barometric Pressure Humidity/Air Temperature Indicators and Recorders
Rauma Repola, Finland	RR-22 Rig, USSR	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Oil Pollution Monitoring System Remote Display Indicators and Recorders Hand Winch Electric Winch
Rauma Repola, Finland	RR-23 Rig, USSR	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Oil Pollution Monitoring System Remote Display Indicators and Recorders Hand Winch Electric Winch
Mazagon Dock Ltd.	ONGC HEERA Platform	Current Speed/Direction Wind Speed/Direction Wave and Tide Indicators and Recorders Rack Enclosure and Remote Panel Humidity/Air Temperature

Sumitomo Heavy Industries	ONGC Platform SH-83 IOS Job No. 8381	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Indicators and Recorders
Mazagon Dock Ltd.	ONGC Platform OP/SGG/SCA/5330 IOS Job No. 8527	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Indicators and Recorders
Hitachi Zosen	ONGC R12 Platform IOS Job No. 7580	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Indicators and Recorders
McDermott Dubai	ONGC BHN Platform IOS Job No. 6942 & 6943	Current Speed/Direction Wind Speed/Direction Wave and Tide Humidity/Air Temperature Indicators and Recorders

