

EQUITY RESEARCH TEAM



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<p>Director of Equity Research Justin Cable 949.274.8055</p> <p>Research Offices New York Boston Chicago Houston Richmond Costa Mesa</p>	<p>Equity Sales & Trading Toll Free 855.447.3100</p> <p>Co-Head of Equity Sales; Head of Equity Trading Scott Lynch 646.264.5604</p> <p>Co-Head of Equity Sales Tim Arthurs 312.706.2701</p>	<p>Equity Research Library http://sgslibrary.bluematrix.com/client/login.jsp (login required)</p> <p>Seaport Global website www.seaportglobal.com</p>

EQUITY COVERAGE UNIVERSE



Oil & Gas Exploration & Production

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Cabot Oil & Gas Corp. (COG)
Callon Petroleum Company (CPE)
Carrizo Oil & Gas, Inc. (CRZO)
Centennial Resource Development Inc. (CDEV)
Cimarex Energy Corp. (XEC)
Comstock Resources, Inc. (CRK)
Concho Resources Inc. (CXO)
Contango Oil & Gas Company (MCF)
Diamondback Energy, Inc. (FANG)
Eclipse Resources Corp. (ECR)
Goodrich Petroleum Corp. (GDP)
Halcón Resources Corp. (HK)
HighPoint Resources Corporation (HPR)
Jagged Peak Energy Inc. (JAG)
Lilis Energy, Inc. (LLEX)
Matador Resources Company (MTDR)
Parsley Energy, Inc. (PE)
PDC Energy Inc. (PDCE)
Resolute Energy Corp. (REN)
Sanchez Energy Corp. (SN)
SM Energy Company (SM)
Whiting Petroleum Corp. (WLL)
WildHorse Resource Development Corporation (WRD)
WPX Energy, Inc. (WPX)

Abraxas Petroleum Corp. (AXAS)
Anadarko Petroleum Corp. (APC)
Apache Corp. (APA)
Continental Resources, Inc. (CLR)
Devon Energy Corp. (DVN)
Earthstone Energy, Inc. (ESTE)
Energen Corp. (EGN)
Gastar Exploration, Inc. (GST)
Gulfport Energy Corp. (GPOR)
Jones Energy, Inc. (JONE)
Lonestar Resources Ltd. (LONE)
Marathon Oil Corp. (MRO)
Newfield Exploration Company (NFX)
Northern Oil and Gas, Inc. (NOG)
Oasis Petroleum Inc. (OAS)
PetroQuest Energy, Inc. (PQUE)
Pioneer Natural Resources Company (PXD)
Ring Energy, Inc. (REI)
SRC Energy Inc. (SRCI)
Sundance Energy Corporation (SNDE)
Talos Energy Inc. (TALO)
W&T Offshore, Inc. (WTI)

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Oilfield Services & Equipment		Energy Infrastructure/MLPs
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<p>Baker Hughes, a GE company (BHGE) Basic Energy Services, Inc. (BAS) C&J Energy Services, Inc. (CJ) Diamond Offshore Drilling Inc. (DO) Emerge Energy Services LP (EMES) Energy Recovery, Inc. (ERII) Enesco plc (ESV) Fairmount Santrol Holdings Inc. (FMSA) Flotek Industries Inc. (FTK) Frank's International NV (FI) Halliburton Company (HAL) Helmerich & Payne Inc. (HP) Hi-Crush Partners LP (HCLP) Hornbeck Offshore, Inc. (HOS) Key Energy Services Inc. (KEG) National Oilwell Varco, Inc. (NOV) Natural Gas Services Group, Inc. (NGS) Noble Corp. (NE)</p>	<p>Oceaneering International, Inc. (OII) Parker Drilling Co. (PKD) Patterson-UTI Energy Inc. (PTEN) Pioneer Energy Services (PES) Rowan Companies Inc. (RDC) RPC Inc. (RES) Schlumberger Limited (SLB) Seadrill Limited (SDRL) Select Energy Services Inc. (WTTR) Smart Sand Inc. (SND) Solaris Oilfield Infrastructure Inc. (SOI) Superior Energy Services, Inc. (SPN) TechnipFMC plc (FTI) Tesco Corporation (TESO) Transocean Ltd. (RIG) U.S. Silica Holdings, Inc. (SLCA) Weatherford International Ltd. (WFT)</p>	<p>Antero Midstream GP LP (AMGP) Antero Midstream Partners LP (AM) ONEOK Inc. (OKE) Plains All American Pipeline, L.P. (PAA) Plains GP Holdings, L.P. (PAGP) Targa Resources Corp (TRGP) Tellurian Inc. (TELL) Western Gas Equity Partners, LP (WGP) Western Gas Partners LP (WES) Williams Companies, Inc. (WMB) Williams Partners L.P. (WPZ)</p>

EQUITY COVERAGE UNIVERSE



Coal; Gas Utilities; Railroads; Metals & Mining

Specialty Chemicals; Coatings

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Coal

Alliance Resource Partners LP (ARLP)
Arch Coal, Inc. (ARCH)
Cloud Peak Energy Inc. (CLD)
CONSOL Coal Resources LP (CCR)
CONSOL Energy Inc. (CEIX)
Natural Resource Partners LP (NRP)
Peabody Energy Corporation (BTU)
Ramaco Resources, Inc (METC)
SunCoke Energy, Inc. (SXC)
SunCoke Energy Partners L.P. (SXCP)
Teck Resources Limited (TECK)
Warrior Met Coal, Inc. (HCC)

Gas Utilities

Atmos Energy Corp. (ATO)
Chesapeake Utilities Corp. (CPK)
New Jersey Resources Corp. (NJR)
ONE Gas Inc. (OGS)
RGC Resources Inc. (RGC)
WGL Holdings Inc. (WGL)

Railroads

Canadian National Railway (CNI)
Canadian Pacific Railway Limited (CP)
CSX Corporation (CSX)
Kansas City Southern (KSU)
Norfolk Southern Corp. (NSC)
Union Pacific Corporation (UNP)

Metals & Mining

Cleveland-Cliffs Inc. (CLF)

Specialty Chemicals

A. Schulman Inc. (SHLM)
Air Products & Chemicals Inc. (APD)
Albemarle Corporation (ALB)
Ashland Inc. (ASH)
Cabot Microelectronics Corporation (CCMP)
Chemtura Corporation (CHMT)
Ecolab Inc. (ECL)
Entegris Inc. (ENTG)
Ferro Corporation (FOE)
FMC Corp. (FMC)
GCP Applied Technologies Inc. (GCP)
HB Fuller Co. (FUL)
KMG Chemicals, Inc. (KMG)
PolyOne Corporation (POL)
Praxair Inc. (PX)
Quaker Chemical Corp. (KWR)
Stepan Company (SCL)
W. R. Grace & Co. (GRA)
Valvoline Inc. (VVV)
Versum Materials, Inc. (VSM)

Coatings

Axalta Coating Systems Ltd. (AXTA)
PPG Industries Inc. (PPG)
RPM International Inc. (RPM)
Sherwin-Williams Company (SHW)

Other

Par Pacific Holdings, Inc. (PARR)

EQUITY COVERAGE UNIVERSE



Rail Suppliers; Trucking	Airfreight & Logistics; Maritime; Trucking	Maritime Transportation
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<p>Rail Suppliers American Railcar Industries, Inc. (ARII) FreightCar America Inc. (RAIL) GATX Corporation (GATX) Greenbrier Companies (GBX) Trinity Industries Inc. (TRN) Wabtec Corporation (WAB)</p> <p>Trucking – Flatbed/Specialized Daseke, Inc. (DSKE)</p> <p>Trucking – LTL ArcBest Corporation (ARCB) Old Dominion Freight Line Inc. (ODFL) SAIA, Inc. (SAIA) YRC Worldwide Inc. (YRCW)</p>	<p>Airfreight & Logistics Air Transport Services Group, Inc. (ATSG) Atlas Air Worldwide Holdings Inc. (AAWW) Expeditors International of Washington, Inc. (EXPD) FedEx Corporation (FDX) Forward Air Corp. (FWRD) Hub Group Inc. (HUBG) Radiant Logistics, Inc. (RLGT) Ryder System, Inc. (R) United Parcel Service, Inc. (UPS) World Fuel Services Corp. (INT) XPO Logistics, Inc. (XPO)</p> <p>Maritime Danaos Corporation (DAC) Global Ship Lease, Inc. (GSL) Kirby Corporation (KEX) Matson, Inc. (MATX) Seaspan Corporation (SSW)</p> <p>Trucking – TL Covenant Transportation Group, Inc. (CVTI) Heartland Express, Inc. (HTLD) Knight-Swift Transportation Holdings Inc. (KNX) Marten Transport Ltd. (MRTN) Werner Enterprises Inc. (WERN)</p>	<p>Tankers Ardmore Shipping (ASC) DHT Holdings, Inc. (DHT) Euronav NV (EURN) Frontline Ltd. (FRO) Gener8 Maritime (GNRT) Hafnia Tankers Ltd. (HAFNIA-NO) International Seaways Inc. (INSW) Nordic American Tankers Limited (NAT) Scorpio Tankers Inc. (STNG) Teekay Tankers Ltd. (TNK) Tsakos Energy Navigation Ltd. (TNP)</p> <p>LNG/LPG GasLog Ltd. (GLOG) Golar LNG Ltd. (GLNG)</p> <p>Dry Bulk Diana Shipping Inc. (DSX) Eagle Bulk Shipping Inc. (EGLE) Genco Shipping & Trading Ltd. (GNK) Golden Ocean Group Limited (GOGL) Scorpio Bulkcarriers Inc. (SALT) Safe Bulkcarriers, Inc. (SB) Star Bulk Carriers Corp. (SBLK)</p> <p>Diversified Ship Finance International Limited (SFL)</p>

EQUITY COVERAGE UNIVERSE



Building Products & Furnishings		Machinery; E&C; Trucks & Suppliers	
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<p>Commercial Interiors Herman Miller, Inc. (MLHR) HNI Corp (HNI) Interface, Inc. (TILE) Knoll Inc (KNL) Steelcase Inc. (SCS)</p> <p>Diversified Commercial Acuity Brands, Inc (AYI) NCI Building Systems Inc. (NCS) Belden Inc. (BDC)</p> <p>Building Products Beacon Roofing Supply Inc. (BECN) BMC Stock Holdings, Inc. (BMCH) Builders FirstSource, Inc. (BLDR) Continental Building Products Inc. (CBPX) GMS Inc. (GMS) Installed Building Products Inc. (IBP) Owens Corning (OC) TopBuild Corp. (BLD) Trex Co. Inc. (TREX)</p>	<p>Wood Building Products Boise Cascade Company (BCC) Louisiana-Pacific Corp. (LPX)</p>	<p>Agricultural & Turf Machinery AGCO Corporation (AGCO) Alamo Group, Inc. (ALG) CNH Industrial N.V. (CNHI) Deere & Company (DE) Lindsay Corporation (LNN) Toro Co. (TTC)</p> <p>Construction Machinery Astec Industries, Inc. (ASTE) ASV Holdings Inc. (ASV) Caterpillar Inc. (CAT) Manitex International, Inc. (MNTX) Manitowoc Company, Inc. (MTW) Oshkosh Corporation (OSK) Terex Corp. (TEX)</p> <p>Industrial Machinery Columbus McKinnon Corp. (CMCO) Hyster-Yale Materials Handling, Inc. (HY) Modine Manufacturing Company (MOD) Stanley Black & Decker, Inc. (SWK) Valmont Industries, Inc. (VMI)</p>	<p>Truck & Trailer OEMs Navistar International Corporation (NAV) PACCAR Inc. (PCAR) Wabash National Corp. (WNC)</p> <p>Truck Suppliers Commercial Vehicle Group Inc. (CVGI) Cummins Inc. (CMI) Douglas Dynamics, Inc. (PLOW) Rush Enterprises, Inc. (RUSHA) Spartan Motors Inc. (SPAR)</p> <p>Engineering & Construction NV5 Holdings, Inc. (NVEE)</p>

EQUITY COVERAGE UNIVERSE



Aerospace & Defense; Aerospace Materials

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Aerospace & Defense

AAR Corp. (AIR)
BWX Technologies Inc. (BWXT)
CACI International Inc. (CACI)
Esterline Technologies Corp. (ESL)
FLIR Systems, Inc. (FLIR)
Harris Corporation (HRS)
HEICO Corp. (HEI)
Kratos Defense & Security Solutions, Inc. (KTOS)
PTC Inc. (PTC)
Rockwell Collins Inc. (COL)
Spirit AeroSystems Holdings Inc. (SPR)
Science Applications International Corporation (SAIC)
The Boeing Company (BA)
The KEYW Holding Corporation (KEYW)

Aerospace Materials

Arconic Inc. (ARNC)
Allegheny Technologies Inc. (ATI)
Constellium N.V. (CSTM)
Carpenter Technology Corporation (CRS)
Kaiser Aluminum Corporation (KALU)

Diversified Industrials; Flow Control

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Diversified

Federal Signal Corp. (FSS)
Gibraltar Industries, Inc. (ROCK)
Horizon Global Corp. (HZN)
Illinois Tool Works Inc. (ITW)
John Bean Technologies Corporation (JBT)
Kennametal Inc. (KMT)
Lennox International, Inc. (LII)
Lincoln Electric Holdings, Inc. (LECO)
RBC Bearings Incorporated (ROLL)
Regal Beloit Corporation (RBC)
The Middleby Corporation (MIDD)
Watsco Inc. (WSO)
Welbilt, Inc. (WBT)

Flow Control

Chart Industries Inc. (GTLS)
Colfax Corporation (CFX)
Crane Co. (CR)
Curtiss-Wright Corp. (CW)
Dover Corporation (DOV)
Flowserve Corporation (FLS)
Franklin Electric Co., Inc. (FELE)
Graco Inc. (GGG)
IDEX Corporation (IEX)
ITT Corporation (ITT)
Kadant Inc. (KAI)
MRC Global Inc. (MRC)
Mueller Water Products, Inc. (MWA)
Nordson Corporation (NDSN)
NOW Inc. (DNOW)
Pentair plc (PNR)
SPX FLOW, Inc. (FLOW)
Watts Water Technologies, Inc. (WTS)
Xylem Inc. (XYL)

EQUITY COVERAGE UNIVERSE



Healthcare	Healthcare	Equity Strategies
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<p><i>Biotech; Specialty Pharma</i> Aerie Pharmaceuticals Inc. (AERI) Aldeyra Therapeutics Inc. (ALDX) BioDelivery Sciences International, Inc. (BDSI) Cara Therapeutics Inc. (CARA) Corcept Therapeutics, Inc. (CORT) Infinity Pharmaceuticals Inc. (INFI) Jazz Pharmaceuticals, Inc. (JAZZ) Lipocine Inc. (LPCN) Nektar Therapeutics (NKTR) Omeros Corporation (OMER) Pacira Pharmaceuticals Inc. (PCRX) SCYNEXIS Inc. (SCYX) Vanda Pharmaceuticals Inc. (VNDA) Verastem Inc. (VSTM) vTv Therapeutics Inc. (VTVT) Zynerva Pharmaceuticals Inc. (ZYNE)</p>	<p><i>Biotech; Specialty Pharma</i> Abeona Therapeutics Inc. (ABEO) Aurinia Pharmaceuticals Inc. (AUPH) AVEO Pharmaceuticals Inc. (AVEO) Beyondspring Inc. (BYSI) BioCryst Pharmaceuticals, Inc. (BCRX) Conatus Pharmaceuticals Inc. (CNAT) Cytokinetics Inc. (CYTK) Evoke Pharma Inc. (EVOK) Galectin Therapeutics Inc. (GALT) Galmed Pharmaceuticals Ltd. (GLMD) Innovate Biopharmaceuticals, Inc. (INNT) Intercept Pharmaceuticals Inc. (ICPT) Motif Bio plc (MTFB) Novavax Inc. (NVAX) Pluristem Therapeutics Inc. (PSTI) RedHill Biopharma Ltd. (RDHL) Rexahn Pharmaceuticals Inc. (RNN) Seres Therapeutics Inc. (MCRB)</p>	<p><i>Technical Analysis</i> EMI (Energy, Materials, Industrials) Weekly Chart Book Top Down Technicals Weekly TMT (Technology, Media, Telecom) Technicals Consumer Technicals Energy Technicals Healthcare Technicals Industrials Technicals Materials Technicals Bespoke Analysis</p>



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