

European Union MAD2/MAR Directive and Regulation

COMPANIES IN WHICH BNP PARIBAS HOLDS LONG POSITIONS (> +0,5%)

COMPANIES IN WHICH BNP PARIBAS HOLDS SHORT POSITIONS (< -0,5%)

NB: the short positions are primarily linked to short-term trading activities, not reflecting necessarily the BNP Paribas financial opinion on the concerned companies

Directive et Réglementation MAD2/MAR de l'Union Européenne

SOCIÉTÉS DANS LESQUELLES BNP PARIBAS DÉTIENT DES POSITIONS LONGUES (> +0,5%)

SOCIÉTÉS DANS LESQUELLES BNP PARIBAS DÉTIENT DES POSITIONS COURTES (< -0,5%)

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Source: Compliance BNP Paribas / Global Control Room / Positions Reporting

ISIN	Name / Nom	%	Date
GG00BFMDJ822	ABERDEEN PRIVATE EQUITY FUND	1.98	14-11-2018
US74926P7612	ACCESS CAPITAL COMMUNITY-I	9.38	14-11-2018
GB00B0MSB420	ACENCIA DEBT STRATEGIES LTD	12.41	14-11-2018
US0079031078	ADVANCED MICRO DEVICES	-0.53	14-11-2018
BE0974264930	AGEAS	2.03	14-11-2018
CNE100000Q43	AGRICULTURAL BANK OF CHINA-H	0.74	14-11-2018
US0015471081	AK STEEL HOLDING CORP	-0.60	14-11-2018
CA01163Q4007	ALARIS ROYALTY CORP	-1.34	14-11-2018
JP3126400005	ALPS ELECTRIC CO LTD	0.51	14-11-2018
US0222761092	ALUMINUM CORP OF CHINA-ADR	0.87	14-11-2018
INE371P01015	AMBER ENTERPRISES INDIA LTD	0.81	14-11-2018
CNE0000014G0	ANGEL YEAST CO LTD-A	0.70	14-11-2018
GB00B1XZS820	ANGLO AMERICAN PLC	-3.74	14-11-2018
CNE1000001W2	ANHUI CONCH CEMENT CO LTD-H	0.60	14-11-2018
AU000000AAD7	ARDENT LEISURE GROUP	0.83	14-11-2018
US04010E1091	ARGAN INC	-0.67	14-11-2018
US0491642056	ATLAS AIR WORLDWIDE HOLDINGS	-0.64	14-11-2018
GB00BD6H5D36	AVI JAPAN OPPORTUNITY TRUST	0.95	14-11-2018
US05961W1053	BANCO MACRO SA-ADR	0.95	14-11-2018
US05965X1090	BANCO SANTANDER-CHILE-ADR	3.83	14-11-2018
PLBGZ0000010	BANK BGZ BNP PARIBAS SA	20.27	14-11-2018
CNE1000001Z5	BANK OF CHINA LTD-H	0.61	14-11-2018
CA0636711016	BANK OF MONTREAL	-0.58	14-11-2018
CA0641491075	BANK OF NOVA SCOTIA	-0.61	14-11-2018
CA05534B7604	BCE INC	-0.80	14-11-2018
ID1000068000	BFI FINANCE INDONESIA TBK PT	2.69	14-11-2018
INE180K01011	BHARAT FINANCIAL INCLUSION L	2.27	14-11-2018
GB00BGFBMJ27	BLACKROCK NEW ENERGY INVESTM	2.46	14-11-2018
US0669238638	BLCKRCK LFEPTH INDX 2020-K	2.12	14-11-2018
US0669237986	BLCKRCK LFEPTH INDX 2030-K	1.64	14-11-2018

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US0669237317	BLCKRCK LFEPTH INDX 2040-K	1.00	14-11-2018
US0669236657	BLCKRCK LFEPTH INDX 2050-K	0.96	14-11-2018
US0669238067	BLCKRCK LFEPTH INDX RTRM-K	1.85	14-11-2018
INE153T01027	BLS INTERNATIONAL LTD	0.86	14-11-2018
FR0013358041	BOLLORE NV-NEW	2.97	14-11-2018
CA0985461049	BONTERRA ENERGY CORP	-0.53	14-11-2018
US12674R1005	C&J ENERGY SERVICES INC	-0.96	14-11-2018
CA1360691010	CAN IMPERIAL BK OF COMMERCE	-0.76	14-11-2018
FR0010828137	CARMILA	8.84	14-11-2018
FR0000120172	CARREFOUR SA	2.08	14-11-2018
CNE100001T80	CGN POWER CO LTD-H	0.70	14-11-2018
US16115Q3083	CHART INDUSTRIES INC	-0.56	14-11-2018
CNE1000002F5	CHINA COMMUNICATIONS CONST-H	0.65	14-11-2018
CNE1000002L3	CHINA LIFE INSURANCE CO-H	0.84	14-11-2018
CNE1000002M1	CHINA MERCHANTS BANK-H	0.62	14-11-2018
CNE100000HF9	CHINA MINSHENG BANKING COR-H	1.68	14-11-2018
CNE1000009Q7	CHINA PACIFIC INSURANCE GR-H	0.64	14-11-2018
US16941R1086	CHINA PETROLEUM & CHEM-ADR	1.00	14-11-2018
CNE1000002Q2	CHINA PETROLEUM & CHEMICAL-H	0.67	14-11-2018
CNE1000007Z2	CHINA RAILWAY GROUP LTD-H	0.61	14-11-2018
CNE1000002R0	CHINA SHENHUA ENERGY CO-H	0.56	14-11-2018
US1694261033	CHINA TELECOM CORP LTD-ADR	3.15	14-11-2018
CNE1000002V2	CHINA TELECOM CORP LTD-H	0.66	14-11-2018
CNE100001SR9	CHINA VANKE CO LTD-H	0.71	14-11-2018
CA17040T3001	CHORUS AVIATION INC	-1.46	14-11-2018
BRCEPACNPB4	CIA ENERGETICA DE SP-PREF B	2.16	14-11-2018
CA1724541000	CINEPLEX INC	-0.72	14-11-2018
ID1000070105	CITATAH TBK PT	9.40	14-11-2018
CNE1000016V2	CITIC SECURITIES CO LTD-H	0.62	14-11-2018
GB00BD8HBD32	CIVITAS SOCIAL HOUSING PLC	-0.61	14-11-2018

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ISIN	Name / Nom	%	Date
GB00BDZZT368	CIVITAS SOCIAL HOUSING-C SHR	0.84	14-11-2018
INE201M01011	CL EDUCATE LTD	2.19	14-11-2018
US1858991011	CLEVELAND-CLIFFS INC	-1.00	14-11-2018
CA2208741017	CORUS ENTERTAINMENT INC-B SH	-0.77	14-11-2018
FR0000060303	COVIVIO HOTELS SACA	10.85	14-11-2018
CA22576C1014	CRESCENT POINT ENERGY CORP	-0.59	14-11-2018
US2283681060	CROWN HOLDINGS INC	-0.59	14-11-2018
CNE100000BG0	CRRC CORP LTD - H	0.66	14-11-2018
INE202B01012	DEWAN HOUSING FINANCE CORP	2.07	14-11-2018
INE836F01026	DISH TV INDIA LTD	0.57	14-11-2018
US25754A2015	DOMINO'S PIZZA INC	0.89	14-11-2018
CNE100000312	DONGFENG MOTOR GRP CO LTD-H	0.66	14-11-2018
US26210C1045	DROPBOX INC-CLASS A	-0.52	14-11-2018
JE00BDG12N48	EJF INVESTMENTS LTD-ZDP 2022	19.34	14-11-2018
GB0003090197	ELECTRIC & GENERAL INV TR	0.77	14-11-2018
GB00B8KJH563	ESURE GROUP PLC	1.86	14-11-2018
NL0006294274	EURONEXT NV	2.22	14-11-2018
US29975E1091	EVENTBRITE INC-CLASS A	-0.96	14-11-2018
US30219E1038	EXPRESS INC	-1.07	14-11-2018
CA30224T8639	EXTENDICARE INC	-1.36	14-11-2018
SG1O34912152	EZRA HOLDINGS LTD	-0.58	14-11-2018
US3131481083	FEDERAL AGRIC MTG CORP-CL A	2.39	14-11-2018
US34460G1067	FONDUL PROPRIETATEA SA/FUND	0.68	14-11-2018
FR0010588079	FREY	11.26	14-11-2018
CA35905B1076	FRONTERA ENERGY CORP	0.54	14-11-2018
JP3809200003	FUJI CORP/AICHI	-0.63	14-11-2018
US36268W1009	GAIN CAPITAL HOLDINGS INC	0.71	14-11-2018
CNE100001TQ9	GF SECURITIES CO LTD-H	0.58	14-11-2018
CA37989N1069	GLUSKIN SHEFF + ASSOCIATES I	-1.22	14-11-2018
US3620071718	GMO GLOBAL ASSET ALLOC-III	1.11	14-11-2018

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INE484J01027	GODREJ PROPERTIES LTD	0.73	14-11-2018
US3828662003	GOES HOLDINGS INC	0.53	14-11-2018
CNE100000338	GREAT WALL MOTOR COMPANY-H	0.57	14-11-2018
US3999091008	GRUPO FINANCIERO GALICIA-ADR	0.81	14-11-2018
CNE100000Q35	GUANGZHOU AUTOMOBILE GROUP-H	0.53	14-11-2018
CNE000001DX0	GUANGZHOU BAIYUN INTERNATI-A	0.66	14-11-2018
US4026353049	GULFPORT ENERGY CORP	-0.57	14-11-2018
CA4039254079	H&R REAL ESTATE INV-REIT UTS	-1.10	14-11-2018
CNE1000019K9	HAITONG SECURITIES CO LTD-H	0.65	14-11-2018
US40537Q6052	HALCON RESOURCES CORP	-0.66	14-11-2018
BE0003700144	HAMON SA	5.42	14-11-2018
CNE100000WY9	HANGZHOU ROBAM APPLIANCES-A	1.35	14-11-2018
US4285671016	HIBBETT SPORTS INC	-0.82	14-11-2018
JP3787000003	HITACHI CONSTRUCTION MACHINE	0.55	14-11-2018
CNE1000006Z4	HUANENG POWER INTL INC-H	0.66	14-11-2018
US4433041005	HUANENG POWER INTL-SPONS ADR	2.85	14-11-2018
CNE100001YQ9	HUATAI SECURITIES CO LTD-H	0.56	14-11-2018
INE219X23014	INDIA GRID TRUST	2.00	14-11-2018
INE126M01010	INDIABULLS INTEGRATED SERVIC	0.61	14-11-2018
INE069I01010	INDIABULLS REAL ESTATE LTD	0.61	14-11-2018
INE896L01010	INDOSTAR CAPITAL FINANCE LTD	1.35	14-11-2018
INE095A01012	INDUSIND BANK LTD	0.61	14-11-2018
CA4558711038	INDUSTRIAL ALLIANCE INSURANC	-0.51	14-11-2018
CA45833V1094	INTER PIPELINE LTD	-0.89	14-11-2018
AU000000IOF6	INVESTA OFFICE FUND	1.99	14-11-2018
US46267X1081	IQIYI INC-ADR	0.61	14-11-2018
US48123V1026	J2 GLOBAL INC	-0.82	14-11-2018
INE780C01023	JM FINANCIAL LTD	0.69	14-11-2018
US48019R3066	JONES ENERGY INC - A	0.63	14-11-2018
CA4932711001	KEYERA CORP	-1.97	14-11-2018

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ID1000071806	KMI WIRE AND CABLE TBK PT	5.24	14-11-2018
CA5054401073	LABRADOR IRON ORE ROYALTY CO	-0.74	14-11-2018
US5132721045	LAMB WESTON HOLDINGS INC	0.65	14-11-2018
CA51925D1069	LAURENTIAN BANK OF CANADA	-0.75	14-11-2018
KR7034220004	LG DISPLAY CO LTD	-0.55	14-11-2018
INE115A01026	LIC HOUSING FINANCE LTD	0.98	14-11-2018
DE0006483001	LINDE AG	0.55	14-11-2018
US5500211090	LULULEMON ATHLETICA INC	0.72	14-11-2018
US55608B1052	MACQUARIE INFRASTRUCTURE COR	-0.66	14-11-2018
CA56501R1064	MANULIFE FINANCIAL CORP	-0.79	14-11-2018
FR0010241638	MERCIALYS	4.58	14-11-2018
US6024961012	MIMEDX GROUP INC	1.13	14-11-2018
JP3891600003	MITSUI E&S HOLDINGS CO LTD	1.23	14-11-2018
KYG6264V1023	MONGOLIAN MINING CORP	0.65	14-11-2018
KYG628481171	MOSAIC ACQUISITION CORP	0.80	14-11-2018
TW0002101003	NAN KANG RUBBER TIRE CO LTD	1.24	14-11-2018
CA6330671034	NATIONAL BANK OF CANADA	-0.55	14-11-2018
US6390501038	NATUS MEDICAL INC	1.29	14-11-2018
US6290762094	NEBULA ACQUISITION CORP	1.01	14-11-2018
US64110W1027	NETEASE INC-ADR	3.46	14-11-2018
CNE100001922	NEW CHINA LIFE INSURANCE C-H	0.54	14-11-2018
JP3749400002	NIPPON PAINT HOLDINGS CO LTD	0.92	14-11-2018
JP3196700003	ONOKEN CO LTD	-0.66	14-11-2018
US6907421019	OWENS CORNING	0.51	14-11-2018
US6976602077	PAMPA ENERGIA SA-SPON ADR	0.67	14-11-2018
US70338P1003	PATTERN ENERGY GROUP INC -A	-0.55	14-11-2018
CA7063271034	PEMBINA PIPELINE CORP	-1.05	14-11-2018
US71646E1001	PETROCHINA CO LTD -ADR	2.40	14-11-2018
CNE1000003W8	PETROCHINA CO LTD-H	0.59	14-11-2018
CNE100000593	PICC PROPERTY & CASUALTY-H	0.66	14-11-2018

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ISIN	Name / Nom	%	Date
JP3780200006	PIONEER CORP	0.68	14-11-2018
FR0010211037	PLANET MEDIA	1.56	14-11-2018
INE572E01012	PNB HOUSING FINANCE LTD	0.62	14-11-2018
CA7392391016	POWER CORP OF CANADA	-0.64	14-11-2018
GB00BYRJ5J14	PRIMARY HEALTH PROPERTIES	-0.60	14-11-2018
GB00B0T4SN10	PSOLVE-NICHE OPP LDN	3.26	14-11-2018
INE877F01012	PTC INDIA LTD	0.74	14-11-2018
NL0012169213	QIAGEN N.V.	-0.79	14-11-2018
INE013A01015	RELIANCE CAPITAL LTD	0.54	14-11-2018
CA7800871021	ROYAL BANK OF CANADA	-0.62	14-11-2018
CA7819036046	RUSSEL METALS INC	-1.32	14-11-2018
INE807K01035	S CHAND AND CO LTD	1.14	14-11-2018
GB00B019KW72	SAINSBURY (J) PLC	-0.89	14-11-2018
ID1000059702	SEKAR LAUT TBK PT	1.05	14-11-2018
LU0011858700	SEO 1/5 PRIV	2.77	14-11-2018
LU0011858965	SEO PRIV 'B' LXF5000	11.00	14-11-2018
CA82028K2002	SHAW COMMUNICATIONS INC-B	-1.06	14-11-2018
GG00B883XC99	SHERBORNE INVESTORS GUERN B	0.59	14-11-2018
KR7055550008	SHINHAN FINANCIAL GROUP LTD	3.87	14-11-2018
JP3368000000	SHOWA DENKO K K	1.12	14-11-2018
CA82621K1021	SIENNA SENIOR LIVING INC	-0.92	14-11-2018
CNE10000FN7	SINOPHARM GROUP CO-H	0.62	14-11-2018
INE501W01021	SINTEX PLASTICS TECHNOLOGY L	0.94	14-11-2018
US83200N1037	SMARTSHEET INC-CLASS A	-2.13	14-11-2018
GG00BFXHJ13	SQN ASSET FINANCE INCOME-C	0.93	14-11-2018
INE939A01011	STRIDES PHARMA SCIENCE LTD	1.60	14-11-2018
LU0075646355	SUBSEA 7 SA	-0.62	14-11-2018
CA8667961053	SUN LIFE FINANCIAL INC	-0.75	14-11-2018
AU000000SEA7	SUNDANCE ENERGY AUSTRALIA LT	2.79	14-11-2018
GB0007892358	SVG CAPITAL PLC	-15.79	14-11-2018

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ISIN	Name / Nom	%	Date
JE00B95CGW71	TARGET HEALTHCARE REIT LTD	1.01	14-11-2018
US8765685024	TATA MOTORS LTD-SPON ADR	1.76	14-11-2018
JP3538800008	TDK CORP	0.77	14-11-2018
US8781551002	TEAM INC	-0.51	14-11-2018
GG00BD008D90	THAMES RIVER MULTI HEDGE GBP	9.05	14-11-2018
US88870R1023	TIVITY HEALTH INC	-1.50	14-11-2018
JP3560800009	TOKAI CARBON CO LTD	1.19	14-11-2018
CA89353D1078	TRANSCANADA CORP	-0.64	14-11-2018
JP3637300009	TREND MICRO INC	0.51	14-11-2018
GG00BG0QZS28	TUFTON OCEANIC ASSETS LTD-C	1.47	14-11-2018
INE628A01036	UPL LTD	0.53	14-11-2018
US9123183009	US NATURAL GAS FUND LP	1.75	14-11-2018
US17325E2919	VELOCITYSHARES 3X LONG CRUDE	-1.34	14-11-2018
FR0010326090	VIALIFE	1.46	14-11-2018
JP3778280002	VITAL KSK HOLDINGS INC	-0.68	14-11-2018
GG00B1GHHH78	VOLTA FINANCE LTD	11.13	14-11-2018
US46630Q2021	VTB BANK JSC -GDR-REG S	10.88	14-11-2018
US92922P1066	W&T OFFSHORE INC	-0.72	14-11-2018
US98156Q1085	WORLD WRESTLING ENTERTAIN-A	-0.54	14-11-2018
US98426T1060	YY INC-ADR	5.32	14-11-2018
CNE000001KS5	ZHEJIANG SUPOR CO LTD -A	0.92	14-11-2018