

Final Terms

dated 6 April 2018

UniCredit Bank AG

Issue of Covered Warrants

(the "**Securities**")

under the

Euro 50,000,000,000

**Debt Issuance Programme of
UniCredit Bank AG**

*These final terms (the "**Final Terms**") have been prepared for the purposes of Article 5 para. 4 of the Directive 2003/71/EC, at the date of the Base Prospectus (the "**Prospectus Directive**") in connection with Section 6 para. 3 of the German Securities Prospectus Act, at the date of the Base Prospectus (Wertpapierprospektgesetz, the "**WpPG**"). In order to get the full information the Final Terms are to be read together with the information contained in the base prospectus of UniCredit Bank AG (the "**Issuer**") dated 7 February 2018 for the issuance of Knock-out Securities and Warrants (the "**Base Prospectus**") and in any supplements to the Base Prospectus according to Section 16 WpPG (the "**Supplements**").*

The Base Prospectus, any Supplements and these Final Terms are available on www.bourse.unicredit.fr in accordance with Section 14 WpPG. The Issuer may replace these website(s) by any successor website(s) which will be published by notice in accordance with Section 6 of the General Conditions.

The validity of the above mentioned Base Prospectus dated 7 February 2018, under which the Securities described in these Final Terms are issued, ends on 7 February 2019. From this point in time, these Final Terms are to be read together with the latest base prospectus of UniCredit Bank AG for the issuance of Knock-out Securities and Warrants (including the information incorporated by reference in the latest base prospectus from the base prospectus, under which these securities have initially been issued) which follows the Base Prospectus dated 7 February 2018. The latest base prospectus of UniCredit Bank AG for the issuance of Knock-out Securities and Warrants will be published on www.onemarkets.de/basisprospekte and on <https://www.bourse.unicredit.fr/fr/service/documentation.html>

An issue specific summary is annexed to these Final Terms.

SECTION A – GENERAL INFORMATION

Issue date and issue price:

10 April 2018

The issue price per Security is specified in § 1 of the Product and Underlying Data.

Selling concession:

Not applicable

Other commissions:

Not applicable

Issue volume:

The issue volume of each Series issued under and described in these Final Terms is specified in § 1 of the Product and Underlying Data.

The issue volume of each Tranche issued under and described in these Final Terms is specified in § 1 of

the Product and Underlying Data.

Product Type:

Call Warrants with European exercise
Put Warrants with European exercise

Admission to trading and listing:

Application will be made for the Securities to be admitted to trading with effect from 6 April 2018 on the following regulated or other equivalent markets: Euronext Paris

In addition, application to listing will be made with effect from 6 April 2018 on the following markets:

- Euronext Paris

The UniCredit Bank AG (the "**Market Maker**") undertakes to provide liquidity in accordance with the market making rules of Euronext Paris, where the Securities are expected to be traded. The obligations of the Market Maker are regulated by the rules of Euronext Paris.

Payment and delivery:

Delivery against payment

Notification:

The Federal Financial Supervisory Authority (the "**BaFin**") has provided to the competent authorities in France, Italy and the Czech Republic a certificate of approval attesting that the Base Prospectus has been drawn up in accordance with the Prospectus Directive.

Terms and conditions of the offer:

Day of the first public offer: 6 April 2018

A public offer will be made in France.

The smallest transferable unit is 1 Security.

The smallest tradable unit is 1 Security.

The Securities will be offered to qualified investors, retail investors and/or institutional investors by way of a public offering.

As of the day of the first public offer the Securities described in the Final Terms will be offered on a continuous basis.

The continuous offer will be made on current ask prices provided by the Issuer.

The public offer may be terminated by the Issuer at any time without giving any reason.

Consent to the use of the Base Prospectus:

The Issuer consents to the use of the Base Prospectus by all financial intermediaries (so-called general consent).

Such consent to use the Base Prospectus is given during the period of the validity of the Base Prospectus. General consent for the subsequent resale or final placement of Securities by the financial intermediaries is given in relation to France.

The Issuer's consent to the use of the Base Prospectus is subject to the condition that each financial intermediary complies with the applicable selling restrictions and the terms and conditions of the offer.

Moreover, the Issuer's consent to the use of the Base Prospectus is subject to the condition that the financial intermediary using the Base Prospectus commits itself towards its customers to a responsible distribution of the Securities. This commitment is made by the publication of the financial intermediary on its website stating that the prospectus is used with the consent of the Issuer and subject to the conditions set forth with the consent.

U.S. Selling Restrictions:

Neither TEFRA C nor TEFRA D

Interest of Natural and Legal Persons involved in the Issue/Offer:

With regard to trading of the Securities the Issuer has a conflict of interest being also the Market Maker on the Euronext Paris. The Issuer is also the arranger and the Calculation Agent of the Securities.

Additional information:

Not applicable

SECTION B – CONDITIONS:

Part A - General Conditions of the Securities

Form, Clearing System, Global Note, Custody

Type of the Securities:	warrants
Global Note:	The Securities are represented by a permanent global note without interest coupons
Principal Paying Agent:	UniCredit Bank AG, Arabellastraße 12, 81925 Munich, Germany
French Paying Agent:	applicable
Calculation Agent:	UniCredit Bank AG, Arabellastraße 12, 81925 Munich, Germany
Clearing System:	Euroclear France
Governing Law:	German law

PART B – PRODUCT AND UNDERLYING DATA

(the "Product and Underlying Data")

§ 1

Product Data

First Trade Date: 6 April 2018

Issue Date: 10 April 2018

Minimum Amount: EUR 0.-

Specified Currency: Euro ("EUR")

Website of the Issuer: www.bourse.unicredit.fr

Website for Notices: www.bourse.unicredit.fr

WKN	ISIN	Reuters	Mnémonic Code	Series Number	Tranche Number	Issue Volume of Series in units	Issue Volume of Tranche in units	Issue Price
HV1X8C	DE000HV1X8C6	DEHV1X8C=HVBG	9151T	PF051134	1	5.000.000	5.000.000	EUR 0,446
HV1X8D	DE000HV1X8D4	DEHV1X8D=HVBG	9152T	PF051135	1	5.000.000	5.000.000	EUR 0,184
HV1X8E	DE000HV1X8E2	DEHV1X8E=HVBG	9154T	PF051136	1	5.000.000	5.000.000	EUR 0,395
HV1X8F	DE000HV1X8F9	DEHV1X8F=HVBG	9155T	PF051137	1	5.000.000	5.000.000	EUR 0,13
HV1X8G	DE000HV1X8G7	DEHV1X8G=HVBG	9156T	PF051138	1	5.000.000	5.000.000	EUR 0,403
HV1X8H	DE000HV1X8H5	DEHV1X8H=HVBG	9157T	PF051139	1	5.000.000	5.000.000	EUR 0,164
HV1X8J	DE000HV1X8J1	DEHV1X8J=HVBG	9158T	PF051140	1	5.000.000	5.000.000	EUR 0,741
HV1X8K	DE000HV1X8K9	DEHV1X8K=HVBG	9159T	PF051141	1	5.000.000	5.000.000	EUR 0,305
HV1X8U	DE000HV1X8U8	DEHV1X8U=HVBG	9168T	PF051150	1	5.000.000	5.000.000	EUR 0,526
HV1X8V	DE000HV1X8V6	DEHV1X8V=HVBG	9169T	PF051151	1	5.000.000	5.000.000	EUR 0,307
HV1X8W	DE000HV1X8W4	DEHV1X8W=HVBG	9170T	PF051152	1	5.000.000	5.000.000	EUR 1,946
HV1X8X	DE000HV1X8X2	DEHV1X8X=HVBG	9171T	PF051153	1	5.000.000	5.000.000	EUR 1,29
HV1X8Y	DE000HV1X8Y0	DEHV1X8Y=HVBG	9172T	PF051154	1	5.000.000	5.000.000	EUR 0,788
HV1X8T	DE000HV1X8T0	DEHV1X8T=HVBG	9167T	PF051149	1	5.000.000	5.000.000	EUR 0,871
HV1X8Z	DE000HV1X8Z7	DEHV1X8Z=HVBG	9173T	PF051155	1	5.000.000	5.000.000	EUR 0,662
HV1X90	DE000HV1X908	DEHV1X90=HVBG	9174T	PF051156	1	5.000.000	5.000.000	EUR 0,212
HV1X91	DE000HV1X916	DEHV1X91=HVBG	9175T	PF051157	1	5.000.000	5.000.000	EUR 0,279
HV1X92	DE000HV1X924	DEHV1X92=HVBG	9176T	PF051158	1	5.000.000	5.000.000	EUR 1,386
HV1X93	DE000HV1X932	DEHV1X93=HVBG	9177T	PF051159	1	5.000.000	5.000.000	EUR 0,632
HV1X8L	DE000HV1X8L7	DEHV1X8L=HVBG	9160T	PF051142	1	5.000.000	5.000.000	EUR 1,004
HV1X8M	DE000HV1X8M5	DEHV1X8M=HVBG	9161T	PF051143	1	5.000.000	5.000.000	EUR 0,69

HV1X8N	DE000HV1X8N3	DEHV1X8N=HVBG	9162T	PF051144	1	5.000.000	5.000.000	EUR 0,458
HV1X8P	DE000HV1X8P8	DEHV1X8P=HVBG	9163T	PF051145	1	5.000.000	5.000.000	EUR 1,74
HV1X8Q	DE000HV1X8Q6	DEHV1X8Q=HVBG	9164T	PF051146	1	5.000.000	5.000.000	EUR 1,271
HV1X8R	DE000HV1X8R4	DEHV1X8R=HVBG	9165T	PF051147	1	5.000.000	5.000.000	EUR 0,884
HV1X8S	DE000HV1X8S2	DEHV1X8S=HVBG	9166T	PF051148	1	5.000.000	5.000.000	EUR 0,583
HV1X95	DE000HV1X957	DEHV1X95=HVBG	9179T	PF051161	1	5.000.000	5.000.000	EUR 1,404
HV1X96	DE000HV1X965	DEHV1X96=HVBG	9180T	PF051162	1	5.000.000	5.000.000	EUR 0,832
HV1X98	DE000HV1X981	DEHV1X98=HVBG	9182T	PF051164	1	5.000.000	5.000.000	EUR 1,945
HV1X99	DE000HV1X999	DEHV1X99=HVBG	9183T	PF051165	1	5.000.000	5.000.000	EUR 1,063
HV1X9A	DE000HV1X9A8	DEHV1X9A=HVBG	9184T	PF051166	1	5.000.000	5.000.000	EUR 0,498
HV1X9C	DE000HV1X9C4	DEHV1X9C=HVBG	9186T	PF051168	1	5.000.000	5.000.000	EUR 0,723
HV1X9D	DE000HV1X9D2	DEHV1X9D=HVBG	9187T	PF051169	1	5.000.000	5.000.000	EUR 1,383
HV1X9E	DE000HV1X9E0	DEHV1X9E=HVBG	9188T	PF051170	1	5.000.000	5.000.000	EUR 0,762
HV1X97	DE000HV1X973	DEHV1X97=HVBG	9181T	PF051163	1	5.000.000	5.000.000	EUR 0,442
HV1X9B	DE000HV1X9B6	DEHV1X9B=HVBG	9185T	PF051167	1	5.000.000	5.000.000	EUR 1,152
HV1X94	DE000HV1X940	DEHV1X94=HVBG	9178T	PF051160	1	5.000.000	5.000.000	EUR 0,101
HV1Y49	DE000HV1Y492	DEHV1Y49=HVBG	9354T	PF051335	1	5.000.000	5.000.000	EUR 0,28
HV1Y4A	DE000HV1Y4A8	DEHV1Y4A=HVBG	9355T	PF051336	1	5.000.000	5.000.000	EUR 0,15
HV1Y48	DE000HV1Y484	DEHV1Y48=HVBG	9353T	PF051334	1	5.000.000	5.000.000	EUR 0,382
HV1X9G	DE000HV1X9G5	DEHV1X9G=HVBG	9190T	PF051172	1	5.000.000	5.000.000	EUR 0,981
HV1X9H	DE000HV1X9H3	DEHV1X9H=HVBG	9191T	PF051173	1	5.000.000	5.000.000	EUR 0,618
HV1X9J	DE000HV1X9J9	DEHV1X9J=HVBG	9192T	PF051174	1	5.000.000	5.000.000	EUR 0,386
HV1X9L	DE000HV1X9L5	DEHV1X9L=HVBG	9194T	PF051176	1	5.000.000	5.000.000	EUR 0,541
HV1X9M	DE000HV1X9M3	DEHV1X9M=HVBG	9195T	PF051177	1	5.000.000	5.000.000	EUR 1,845

HV1X9N	DE000HV1X9N1	DEHV1X9N=HVBG	9196T	PF051178	1	5.000.000	5.000.000	EUR 1,206
HV1X9F	DE000HV1X9F7	DEHV1X9F=HVBG	9189T	PF051171	1	5.000.000	5.000.000	EUR 0,794
HV1X9K	DE000HV1X9K7	DEHV1X9K=HVBG	9193T	PF051175	1	5.000.000	5.000.000	EUR 1,01
HV1X9P	DE000HV1X9P6	DEHV1X9P=HVBG	9197T	PF051179	1	5.000.000	5.000.000	EUR 0,724
HV1X9Q	DE000HV1X9Q4	DEHV1X9Q=HVBG	9198T	PF051180	1	5.000.000	5.000.000	EUR 1,044
HV1X9R	DE000HV1X9R2	DEHV1X9R=HVBG	9199T	PF051181	1	5.000.000	5.000.000	EUR 1,172
HV1X9S	DE000HV1X9S0	DEHV1X9S=HVBG	9200T	PF051182	1	5.000.000	5.000.000	EUR 1,726
HV1X9T	DE000HV1X9T8	DEHV1X9T=HVBG	9201T	PF051183	1	5.000.000	5.000.000	EUR 0,591
HV1X9U	DE000HV1X9U6	DEHV1X9U=HVBG	9202T	PF051184	1	5.000.000	5.000.000	EUR 0,459
HV1X9V	DE000HV1X9V4	DEHV1X9V=HVBG	9203T	PF051185	1	5.000.000	5.000.000	EUR 1,552
HV1X9W	DE000HV1X9W2	DEHV1X9W=HVBG	9204T	PF051186	1	5.000.000	5.000.000	EUR 0,233
HV1X9Y	DE000HV1X9Y8	DEHV1X9Y=HVBG	9206T	PF051188	1	5.000.000	5.000.000	EUR 1,418
HV1X9Z	DE000HV1X9Z5	DEHV1X9Z=HVBG	9207T	PF051189	1	5.000.000	5.000.000	EUR 0,232
HV1X9X	DE000HV1X9X0	DEHV1X9X=HVBG	9205T	PF051187	1	5.000.000	5.000.000	EUR 0,632
HV1Y00	DE000HV1Y005	DEHV1Y00=HVBG	9208T	PF051190	1	5.000.000	5.000.000	EUR 0,789
HV1Y01	DE000HV1Y013	DEHV1Y01=HVBG	9209T	PF051191	1	5.000.000	5.000.000	EUR 0,658
HV1Y02	DE000HV1Y021	DEHV1Y02=HVBG	9210T	PF051192	1	5.000.000	5.000.000	EUR 0,208
HV1Y03	DE000HV1Y039	DEHV1Y03=HVBG	9211T	PF051193	1	5.000.000	5.000.000	EUR 0,577
HV1Y04	DE000HV1Y047	DEHV1Y04=HVBG	9212T	PF051194	1	5.000.000	5.000.000	EUR 0,196
HV1Y05	DE000HV1Y054	DEHV1Y05=HVBG	9213T	PF051195	1	5.000.000	5.000.000	EUR 0,224
HV1Y06	DE000HV1Y062	DEHV1Y06=HVBG	9214T	PF051196	1	5.000.000	5.000.000	EUR 0,468
HV1Y07	DE000HV1Y070	DEHV1Y07=HVBG	9215T	PF051197	1	5.000.000	5.000.000	EUR 0,369
HV1Y08	DE000HV1Y088	DEHV1Y08=HVBG	9216T	PF051198	1	5.000.000	5.000.000	EUR 0,224
HV1Y0H	DE000HV1Y0H1	DEHV1Y0H=HVBG	9225T	PF051207	1	5.000.000	5.000.000	EUR 0,459

HV1Y0A	DE000HV1Y0A6	DEHV1Y0A=HVBG	9218T	PF051200	1	5.000.000	5.000.000	EUR 0,683
HV1Y0B	DE000HV1Y0B4	DEHV1Y0B=HVBG	9219T	PF051201	1	5.000.000	5.000.000	EUR 0,182
HV1Y0C	DE000HV1Y0C2	DEHV1Y0C=HVBG	9220T	PF051202	1	5.000.000	5.000.000	EUR 0,745
HV1Y0D	DE000HV1Y0D0	DEHV1Y0D=HVBG	9221T	PF051203	1	5.000.000	5.000.000	EUR 0,368
HV1Y0E	DE000HV1Y0E8	DEHV1Y0E=HVBG	9222T	PF051204	1	5.000.000	5.000.000	EUR 0,614
HV1Y0F	DE000HV1Y0F5	DEHV1Y0F=HVBG	9223T	PF051205	1	5.000.000	5.000.000	EUR 1,506
HV1Y0G	DE000HV1Y0G3	DEHV1Y0G=HVBG	9224T	PF051206	1	5.000.000	5.000.000	EUR 0,881
HV1Y0J	DE000HV1Y0J7	DEHV1Y0J=HVBG	9226T	PF051208	1	5.000.000	5.000.000	EUR 0,148
HV1Y0K	DE000HV1Y0K5	DEHV1Y0K=HVBG	9227T	PF051209	1	5.000.000	5.000.000	EUR 0,027
HV1Y0L	DE000HV1Y0L3	DEHV1Y0L=HVBG	9228T	PF051210	1	5.000.000	5.000.000	EUR 0,122
HV1Y0M	DE000HV1Y0M1	DEHV1Y0M=HVBG	9229T	PF051211	1	5.000.000	5.000.000	EUR 0,524
HV1Y0P	DE000HV1Y0P4	DEHV1Y0P=HVBG	9231T	PF051213	1	5.000.000	5.000.000	EUR 0,806
HV1Y0Q	DE000HV1Y0Q2	DEHV1Y0Q=HVBG	9232T	PF051214	1	5.000.000	5.000.000	EUR 0,409
HV1Y0N	DE000HV1Y0N9	DEHV1Y0N=HVBG	9230T	PF051212	1	5.000.000	5.000.000	EUR 0,219
HV1Y6R	DE000HV1Y6R7	DEHV1Y6R=HVBG	9438T	PF051419	1	5.000.000	5.000.000	EUR 0,353
HV1Y6S	DE000HV1Y6S5	DEHV1Y6S=HVBG	9442T	PF051420	1	5.000.000	5.000.000	EUR 0,131
HV1Y6T	DE000HV1Y6T3	DEHV1Y6T=HVBG	9443T	PF051421	1	5.000.000	5.000.000	EUR 0,306
HV1Y6U	DE000HV1Y6U1	DEHV1Y6U=HVBG	9444T	PF051422	1	5.000.000	5.000.000	EUR 0,092
HV1Y6V	DE000HV1Y6V9	DEHV1Y6V=HVBG	9445T	PF051423	1	5.000.000	5.000.000	EUR 0,489
HV1Y6W	DE000HV1Y6W7	DEHV1Y6W=HVBG	9446T	PF051424	1	5.000.000	5.000.000	EUR 0,365
HV1Y6X	DE000HV1Y6X5	DEHV1Y6X=HVBG	9447T	PF051425	1	5.000.000	5.000.000	EUR 0,116
HV1Y3H	DE000HV1Y3H5	DEHV1Y3H=HVBG	9328T	PF051309	1	5.000.000	5.000.000	EUR 0,903
HV1Y3K	DE000HV1Y3K9	DEHV1Y3K=HVBG	9330T	PF051311	1	5.000.000	5.000.000	EUR 1,196
HV1Y3L	DE000HV1Y3L7	DEHV1Y3L=HVBG	9331T	PF051312	1	5.000.000	5.000.000	EUR 0,688

HV1Y3M	DE000HV1Y3M5	DEHV1Y3M=HVBG	9332T	PF051313	1	5.000.000	5.000.000	EUR 0,36
HV1Y3P	DE000HV1Y3P8	DEHV1Y3P=HVBG	9334T	PF051315	1	5.000.000	5.000.000	EUR 0,607
HV1Y3Q	DE000HV1Y3Q6	DEHV1Y3Q=HVBG	9335T	PF051316	1	5.000.000	5.000.000	EUR 1,205
HV1Y3R	DE000HV1Y3R4	DEHV1Y3R=HVBG	9336T	PF051317	1	5.000.000	5.000.000	EUR 0,71
HV1Y3J	DE000HV1Y3J1	DEHV1Y3J=HVBG	9329T	PF051310	1	5.000.000	5.000.000	EUR 0,551
HV1Y3N	DE000HV1Y3N3	DEHV1Y3N=HVBG	9333T	PF051314	1	5.000.000	5.000.000	EUR 0,956
HV1Y0Y	DE000HV1Y0Y6	DEHV1Y0Y=HVBG	9240T	PF051222	1	5.000.000	5.000.000	EUR 2,735
HV1Y0Z	DE000HV1Y0Z3	DEHV1Y0Z=HVBG	9241T	PF051223	1	5.000.000	5.000.000	EUR 0,567
HV1Y11	DE000HV1Y112	DEHV1Y11=HVBG	9243T	PF051225	1	5.000.000	5.000.000	EUR 1,012
HV1Y10	DE000HV1Y104	DEHV1Y10=HVBG	9242T	PF051224	1	5.000.000	5.000.000	EUR 3,856
HV1Y09	DE000HV1Y096	DEHV1Y09=HVBG	9217T	PF051199	1	5.000.000	5.000.000	EUR 1,348
HV1Y12	DE000HV1Y120	DEHV1Y12=HVBG	9244T	PF051226	1	5.000.000	5.000.000	EUR 0,722
HV1Y14	DE000HV1Y146	DEHV1Y14=HVBG	9246T	PF051228	1	5.000.000	5.000.000	EUR 0,122
HV1Y15	DE000HV1Y153	DEHV1Y15=HVBG	9247T	PF051229	1	5.000.000	5.000.000	EUR 0,194
HV1Y16	DE000HV1Y161	DEHV1Y16=HVBG	9248T	PF051230	1	5.000.000	5.000.000	EUR 1,104
HV1Y13	DE000HV1Y138	DEHV1Y13=HVBG	9245T	PF051227	1	5.000.000	5.000.000	EUR 0,795
HV1Y17	DE000HV1Y179	DEHV1Y17=HVBG	9249T	PF051231	1	5.000.000	5.000.000	EUR 0,274
HV1Y18	DE000HV1Y187	DEHV1Y18=HVBG	9250T	PF051232	1	5.000.000	5.000.000	EUR 0,601
HV1Y19	DE000HV1Y195	DEHV1Y19=HVBG	9251T	PF051233	1	5.000.000	5.000.000	EUR 0,176
HV1Y1A	DE000HV1Y1A4	DEHV1Y1A=HVBG	9252T	PF051234	1	5.000.000	5.000.000	EUR 0,876
HV1Y1B	DE000HV1Y1B2	DEHV1Y1B=HVBG	9253T	PF051235	1	5.000.000	5.000.000	EUR 0,298
HV1Y1C	DE000HV1Y1C0	DEHV1Y1C=HVBG	9254T	PF051236	1	5.000.000	5.000.000	EUR 0,323
HV1Y1D	DE000HV1Y1D8	DEHV1Y1D=HVBG	9255T	PF051237	1	5.000.000	5.000.000	EUR 3,288
HV1Y1E	DE000HV1Y1E6	DEHV1Y1E=HVBG	9256T	PF051238	1	5.000.000	5.000.000	EUR 0,146

HV1Y1G	DE000HV1Y1G1	DEHV1Y1G=HVBG	9258T	PF051240	1	5.000.000	5.000.000	EUR 1,13
HV1Y1H	DE000HV1Y1H9	DEHV1Y1H=HVBG	9259T	PF051241	1	5.000.000	5.000.000	EUR 0,486
HV1Y1J	DE000HV1Y1J5	DEHV1Y1J=HVBG	9260T	PF051242	1	5.000.000	5.000.000	EUR 0,636
HV1Y1F	DE000HV1Y1F3	DEHV1Y1F=HVBG	9257T	PF051239	1	5.000.000	5.000.000	EUR 0,986
HV1Y1L	DE000HV1Y1L1	DEHV1Y1L=HVBG	9262T	PF051244	1	5.000.000	5.000.000	EUR 1,187
HV1Y1K	DE000HV1Y1K3	DEHV1Y1K=HVBG	9261T	PF051243	1	5.000.000	5.000.000	EUR 0,516
HV1Y1M	DE000HV1Y1M9	DEHV1Y1M=HVBG	9263T	PF051245	1	5.000.000	5.000.000	EUR 0,032
HV1Y1N	DE000HV1Y1N7	DEHV1Y1N=HVBG	9264T	PF051246	1	5.000.000	5.000.000	EUR 2,211
HV1Y1Q	DE000HV1Y1Q0	DEHV1Y1Q=HVBG	9266T	PF051248	1	5.000.000	5.000.000	EUR 2,043
HV1Y1R	DE000HV1Y1R8	DEHV1Y1R=HVBG	9267T	PF051249	1	5.000.000	5.000.000	EUR 0,129
HV1Y1P	DE000HV1Y1P2	DEHV1Y1P=HVBG	9265T	PF051247	1	5.000.000	5.000.000	EUR 0,119
HV1Y1S	DE000HV1Y1S6	DEHV1Y1S=HVBG	9268T	PF051250	1	5.000.000	5.000.000	EUR 1,264
HV1Y1T	DE000HV1Y1T4	DEHV1Y1T=HVBG	9269T	PF051251	1	5.000.000	5.000.000	EUR 0,341
HV1Y1U	DE000HV1Y1U2	DEHV1Y1U=HVBG	9270T	PF051252	1	5.000.000	5.000.000	EUR 1,534
HV1Y1V	DE000HV1Y1V0	DEHV1Y1V=HVBG	9271T	PF051253	1	5.000.000	5.000.000	EUR 0,453
HV1Y5M	DE000HV1Y5M0	DEHV1Y5M=HVBG	9400T	PF051381	1	5.000.000	5.000.000	EUR 0,836
HV1Y5N	DE000HV1Y5N8	DEHV1Y5N=HVBG	9401T	PF051382	1	5.000.000	5.000.000	EUR 0,484
HV1Y5P	DE000HV1Y5P3	DEHV1Y5P=HVBG	9402T	PF051383	1	5.000.000	5.000.000	EUR 1,295
HV1Y5R	DE000HV1Y5R9	DEHV1Y5R=HVBG	9404T	PF051385	1	5.000.000	5.000.000	EUR 0,628
HV1Y5S	DE000HV1Y5S7	DEHV1Y5S=HVBG	9405T	PF051386	1	5.000.000	5.000.000	EUR 0,42
HV1Y5T	DE000HV1Y5T5	DEHV1Y5T=HVBG	9406T	PF051387	1	5.000.000	5.000.000	EUR 1,163
HV1Y5V	DE000HV1Y5V1	DEHV1Y5V=HVBG	9408T	PF051389	1	5.000.000	5.000.000	EUR 1,415
HV1Y5W	DE000HV1Y5W9	DEHV1Y5W=HVBG	9409T	PF051390	1	5.000.000	5.000.000	EUR 1,003
HV1Y5X	DE000HV1Y5X7	DEHV1Y5X=HVBG	9410T	PF051391	1	5.000.000	5.000.000	EUR 0,675

HV1Y5Q	DE000HV1Y5Q1	DEHV1Y5Q=HVBG	9403T	PF051384	1	5.000.000	5.000.000	EUR 0,92
HV1Y5U	DE000HV1Y5U3	DEHV1Y5U=HVBG	9407T	PF051388	1	5.000.000	5.000.000	EUR 0,713
HV1Y25	DE000HV1Y252	DEHV1Y25=HVBG	9281T	PF051263	1	5.000.000	5.000.000	EUR 1,534
HV1Y24	DE000HV1Y245	DEHV1Y24=HVBG	9280T	PF051262	1	5.000.000	5.000.000	EUR 3,268
HV1Y26	DE000HV1Y260	DEHV1Y26=HVBG	9282T	PF051264	1	5.000.000	5.000.000	EUR 3,59
HV1Y27	DE000HV1Y278	DEHV1Y27=HVBG	9283T	PF051265	1	5.000.000	5.000.000	EUR 1,858
HV1Y2C	DE000HV1Y2C8	DEHV1Y2C=HVBG	9288T	PF051270	1	5.000.000	5.000.000	EUR 1,59
HV1Y2D	DE000HV1Y2D6	DEHV1Y2D=HVBG	9289T	PF051271	1	5.000.000	5.000.000	EUR 0,743
HV1Y2F	DE000HV1Y2F1	DEHV1Y2F=HVBG	9291T	PF051273	1	5.000.000	5.000.000	EUR 2,481
HV1Y2G	DE000HV1Y2G9	DEHV1Y2G=HVBG	9292T	PF051274	1	5.000.000	5.000.000	EUR 1,322
HV1Y2E	DE000HV1Y2E4	DEHV1Y2E=HVBG	9290T	PF051272	1	5.000.000	5.000.000	EUR 0,664
HV1Y2H	DE000HV1Y2H7	DEHV1Y2H=HVBG	9293T	PF051275	1	5.000.000	5.000.000	EUR 0,15
HV1Y2K	DE000HV1Y2K1	DEHV1Y2K=HVBG	9295T	PF051277	1	5.000.000	5.000.000	EUR 0,343
HV1Y2L	DE000HV1Y2L9	DEHV1Y2L=HVBG	9296T	PF051278	1	5.000.000	5.000.000	EUR 0,165
HV1Y2M	DE000HV1Y2M7	DEHV1Y2M=HVBG	9297T	PF051279	1	5.000.000	5.000.000	EUR 1,116
HV1Y2J	DE000HV1Y2J3	DEHV1Y2J=HVBG	9294T	PF051276	1	5.000.000	5.000.000	EUR 0,745
HV1Y2N	DE000HV1Y2N5	DEHV1Y2N=HVBG	9298T	PF051280	1	5.000.000	5.000.000	EUR 0,515
HV1Y2P	DE000HV1Y2P0	DEHV1Y2P=HVBG	9299T	PF051281	1	5.000.000	5.000.000	EUR 0,058
HV1Y4Y	DE000HV1Y4Y8	DEHV1Y4Y=HVBG	9377T	PF051358	1	5.000.000	5.000.000	EUR 2,723
HV1Y4U	DE000HV1Y4U6	DEHV1Y4U=HVBG	9373T	PF051354	1	5.000.000	5.000.000	EUR 3,423
HV1Y4V	DE000HV1Y4V4	DEHV1Y4V=HVBG	9374T	PF051355	1	5.000.000	5.000.000	EUR 1,521
HV1Y4W	DE000HV1Y4W2	DEHV1Y4W=HVBG	9375T	PF051356	1	5.000.000	5.000.000	EUR 4,664
HV1Y4X	DE000HV1Y4X0	DEHV1Y4X=HVBG	9376T	PF051357	1	5.000.000	5.000.000	EUR 3,604
HV1Y4Z	DE000HV1Y4Z5	DEHV1Y4Z=HVBG	9378T	PF051359	1	5.000.000	5.000.000	EUR 2,019

HV1Y50	DE000HV1Y500	DEHV1Y50=HVBG	9379T	PF051360	1	5.000.000	5.000.000	EUR 2,666
HV1Y51	DE000HV1Y518	DEHV1Y51=HVBG	9380T	PF051361	1	5.000.000	5.000.000	EUR 1,541
HV1Y52	DE000HV1Y526	DEHV1Y52=HVBG	9381T	PF051362	1	5.000.000	5.000.000	EUR 5,002
HV1Y53	DE000HV1Y534	DEHV1Y53=HVBG	9382T	PF051363	1	5.000.000	5.000.000	EUR 3,879
HV1Y54	DE000HV1Y542	DEHV1Y54=HVBG	9383T	PF051364	1	5.000.000	5.000.000	EUR 2,94
HV1Y55	DE000HV1Y559	DEHV1Y55=HVBG	9384T	PF051365	1	5.000.000	5.000.000	EUR 2,169
HV1Y56	DE000HV1Y567	DEHV1Y56=HVBG	9385T	PF051366	1	5.000.000	5.000.000	EUR 1,56
HV1Y33	DE000HV1Y336	DEHV1Y33=HVBG	9313T	PF051295	1	5.000.000	5.000.000	EUR 0,138
HV1Y34	DE000HV1Y344	DEHV1Y34=HVBG	9314T	PF051296	1	5.000.000	5.000.000	EUR 0,444
HV1Y35	DE000HV1Y351	DEHV1Y35=HVBG	9316T	PF051297	1	5.000.000	5.000.000	EUR 0,077
HV1Y36	DE000HV1Y369	DEHV1Y36=HVBG	9317T	PF051298	1	5.000.000	5.000.000	EUR 0,417
HV1Y37	DE000HV1Y377	DEHV1Y37=HVBG	9318T	PF051299	1	5.000.000	5.000.000	EUR 0,86
HV1Y38	DE000HV1Y385	DEHV1Y38=HVBG	9319T	PF051300	1	5.000.000	5.000.000	EUR 0,225
HV1Y2Q	DE000HV1Y2Q8	DEHV1Y2Q=HVBG	9300T	PF051282	1	5.000.000	5.000.000	EUR 1,106
HV1Y2R	DE000HV1Y2R6	DEHV1Y2R=HVBG	9301T	PF051283	1	5.000.000	5.000.000	EUR 0,39
HV1Y2S	DE000HV1Y2S4	DEHV1Y2S=HVBG	9302T	PF051284	1	5.000.000	5.000.000	EUR 2,754
HV1Y2T	DE000HV1Y2T2	DEHV1Y2T=HVBG	9303T	PF051285	1	5.000.000	5.000.000	EUR 0,614
HV1Y2U	DE000HV1Y2U0	DEHV1Y2U=HVBG	9304T	PF051286	1	5.000.000	5.000.000	EUR 1,984
HV1Y2V	DE000HV1Y2V8	DEHV1Y2V=HVBG	9305T	PF051287	1	5.000.000	5.000.000	EUR 4,009
HV1Y2W	DE000HV1Y2W6	DEHV1Y2W=HVBG	9306T	PF051288	1	5.000.000	5.000.000	EUR 1,137
HV1Y2Y	DE000HV1Y2Y2	DEHV1Y2Y=HVBG	9308T	PF051290	1	5.000.000	5.000.000	EUR 0,485
HV1Y2X	DE000HV1Y2X4	DEHV1Y2X=HVBG	9307T	PF051289	1	5.000.000	5.000.000	EUR 0,181
HV1Y2Z	DE000HV1Y2Z9	DEHV1Y2Z=HVBG	9309T	PF051291	1	5.000.000	5.000.000	EUR 0,108
HV1Y30	DE000HV1Y302	DEHV1Y30=HVBG	9310T	PF051292	1	5.000.000	5.000.000	EUR 0,518

HV1Y31	DE000HV1Y310	DEHV1Y31=HVBG	9311T	PF051293	1	5.000.000	5.000.000	EUR 0,945
HV1Y32	DE000HV1Y328	DEHV1Y32=HVBG	9312T	PF051294	1	5.000.000	5.000.000	EUR 0,319
HV1Y4J	DE000HV1Y4J9	DEHV1Y4J=HVBG	9363T	PF051344	1	5.000.000	5.000.000	EUR 1,234
HV1Y4K	DE000HV1Y4K7	DEHV1Y4K=HVBG	9364T	PF051345	1	5.000.000	5.000.000	EUR 0,484
HV1Y4M	DE000HV1Y4M3	DEHV1Y4M=HVBG	9366T	PF051347	1	5.000.000	5.000.000	EUR 2,504
HV1Y4N	DE000HV1Y4N1	DEHV1Y4N=HVBG	9367T	PF051348	1	5.000.000	5.000.000	EUR 1,249
HV1Y4P	DE000HV1Y4P6	DEHV1Y4P=HVBG	9368T	PF051349	1	5.000.000	5.000.000	EUR 0,528
HV1Y4L	DE000HV1Y4L5	DEHV1Y4L=HVBG	9365T	PF051346	1	5.000.000	5.000.000	EUR 0,476
HV1Y39	DE000HV1Y393	DEHV1Y39=HVBG	9320T	PF051301	1	5.000.000	5.000.000	EUR 2,658
HV1Y3A	DE000HV1Y3A0	DEHV1Y3A=HVBG	9321T	PF051302	1	5.000.000	5.000.000	EUR 1,853
HV1Y3B	DE000HV1Y3B8	DEHV1Y3B=HVBG	9322T	PF051303	1	5.000.000	5.000.000	EUR 1,239
HV1Y3C	DE000HV1Y3C6	DEHV1Y3C=HVBG	9323T	PF051304	1	5.000.000	5.000.000	EUR 0,798
HV1Y3D	DE000HV1Y3D4	DEHV1Y3D=HVBG	9324T	PF051305	1	5.000.000	5.000.000	EUR 3,163
HV1Y3F	DE000HV1Y3F9	DEHV1Y3F=HVBG	9326T	PF051307	1	5.000.000	5.000.000	EUR 1,575
HV1Y3G	DE000HV1Y3G7	DEHV1Y3G=HVBG	9327T	PF051308	1	5.000.000	5.000.000	EUR 1,051
HV1Y3E	DE000HV1Y3E2	DEHV1Y3E=HVBG	9325T	PF051306	1	5.000.000	5.000.000	EUR 2,274
HV1Y45	DE000HV1Y450	DEHV1Y45=HVBG	9350T	PF051331	1	5.000.000	5.000.000	EUR 0,886
HV1Y46	DE000HV1Y468	DEHV1Y46=HVBG	9351T	PF051332	1	5.000.000	5.000.000	EUR 0,178
HV1Y47	DE000HV1Y476	DEHV1Y47=HVBG	9352T	PF051333	1	5.000.000	5.000.000	EUR 0,099
HV1Y44	DE000HV1Y443	DEHV1Y44=HVBG	9349T	PF051330	1	5.000.000	5.000.000	EUR 0,465
HV1Y3T	DE000HV1Y3T0	DEHV1Y3T=HVBG	9338T	PF051319	1	5.000.000	5.000.000	EUR 0,427
HV1Y3U	DE000HV1Y3U8	DEHV1Y3U=HVBG	9339T	PF051320	1	5.000.000	5.000.000	EUR 0,309
HV1Y3V	DE000HV1Y3V6	DEHV1Y3V=HVBG	9340T	PF051321	1	5.000.000	5.000.000	EUR 1,004
HV1Y3X	DE000HV1Y3X2	DEHV1Y3X=HVBG	9342T	PF051323	1	5.000.000	5.000.000	EUR 0,378

HV1Y3Y	DE000HV1Y3Y0	DEHV1Y3Y=HVBG	9343T	PF051324	1	5.000.000	5.000.000	EUR 1,525
HV1Y3Z	DE000HV1Y3Z7	DEHV1Y3Z=HVBG	9344T	PF051325	1	5.000.000	5.000.000	EUR 1,182
HV1Y41	DE000HV1Y419	DEHV1Y41=HVBG	9346T	PF051327	1	5.000.000	5.000.000	EUR 1,732
HV1Y42	DE000HV1Y427	DEHV1Y42=HVBG	9347T	PF051328	1	5.000.000	5.000.000	EUR 1,107
HV1Y43	DE000HV1Y435	DEHV1Y43=HVBG	9348T	PF051329	1	5.000.000	5.000.000	EUR 0,636
HV1Y3S	DE000HV1Y3S2	DEHV1Y3S=HVBG	9337T	PF051318	1	5.000.000	5.000.000	EUR 0,585
HV1Y3W	DE000HV1Y3W4	DEHV1Y3W=HVBG	9341T	PF051322	1	5.000.000	5.000.000	EUR 0,627
HV1Y40	DE000HV1Y401	DEHV1Y40=HVBG	9345T	PF051326	1	5.000.000	5.000.000	EUR 0,639
HV1Y0R	DE000HV1Y0R0	DEHV1Y0R=HVBG	9233T	PF051215	1	5.000.000	5.000.000	EUR 0,151
HV1Y0T	DE000HV1Y0T6	DEHV1Y0T=HVBG	9235T	PF051217	1	5.000.000	5.000.000	EUR 0,246
HV1Y0U	DE000HV1Y0U4	DEHV1Y0U=HVBG	9236T	PF051218	1	5.000.000	5.000.000	EUR 0,849
HV1Y0V	DE000HV1Y0V2	DEHV1Y0V=HVBG	9237T	PF051219	1	5.000.000	5.000.000	EUR 0,166
HV1Y0X	DE000HV1Y0X8	DEHV1Y0X=HVBG	9239T	PF051221	1	5.000.000	5.000.000	EUR 0,395
HV1Y0S	DE000HV1Y0S8	DEHV1Y0S=HVBG	9234T	PF051216	1	5.000.000	5.000.000	EUR 0,694
HV1Y0W	DE000HV1Y0W0	DEHV1Y0W=HVBG	9238T	PF051220	1	5.000.000	5.000.000	EUR 0,95
HV1Y4B	DE000HV1Y4B6	DEHV1Y4B=HVBG	9356T	PF051337	1	5.000.000	5.000.000	EUR 0,553
HV1Y4D	DE000HV1Y4D2	DEHV1Y4D=HVBG	9358T	PF051339	1	5.000.000	5.000.000	EUR 0,944
HV1Y4E	DE000HV1Y4E0	DEHV1Y4E=HVBG	9359T	PF051340	1	5.000.000	5.000.000	EUR 0,317
HV1Y4C	DE000HV1Y4C4	DEHV1Y4C=HVBG	9357T	PF051338	1	5.000.000	5.000.000	EUR 0,176
HV1Y4F	DE000HV1Y4F7	DEHV1Y4F=HVBG	9360T	PF051341	1	5.000.000	5.000.000	EUR 0,399
HV1Y4H	DE000HV1Y4H3	DEHV1Y4H=HVBG	9362T	PF051343	1	5.000.000	5.000.000	EUR 0,523
HV1Y4G	DE000HV1Y4G5	DEHV1Y4G=HVBG	9361T	PF051342	1	5.000.000	5.000.000	EUR 1,547
HV1Y4Q	DE000HV1Y4Q4	DEHV1Y4Q=HVBG	9369T	PF051350	1	5.000.000	5.000.000	EUR 0,433
HV1Y4R	DE000HV1Y4R2	DEHV1Y4R=HVBG	9370T	PF051351	1	5.000.000	5.000.000	EUR 0,563

HV1Y4S	DE000HV1Y4S0	DEHV1Y4S=HVBG	9371T	PF051352	1	5.000.000	5.000.000	EUR 0,649
HV1Y4T	DE000HV1Y4T8	DEHV1Y4T=HVBG	9372T	PF051353	1	5.000.000	5.000.000	EUR 0,588
HV1Y57	DE000HV1Y575	DEHV1Y57=HVBG	9386T	PF051367	1	5.000.000	5.000.000	EUR 0,814
HV1Y58	DE000HV1Y583	DEHV1Y58=HVBG	9387T	PF051368	1	5.000.000	5.000.000	EUR 0,307
HV1Y59	DE000HV1Y591	DEHV1Y59=HVBG	9388T	PF051369	1	5.000.000	5.000.000	EUR 0,903
HV1Y5A	DE000HV1Y5A5	DEHV1Y5A=HVBG	9389T	PF051370	1	5.000.000	5.000.000	EUR 0,262
HV1Y5B	DE000HV1Y5B3	DEHV1Y5B=HVBG	9390T	PF051371	1	5.000.000	5.000.000	EUR 0,722
HV1Y5D	DE000HV1Y5D9	DEHV1Y5D=HVBG	9392T	PF051373	1	5.000.000	5.000.000	EUR 0,322
HV1Y5C	DE000HV1Y5C1	DEHV1Y5C=HVBG	9391T	PF051372	1	5.000.000	5.000.000	EUR 1,183
HV1Y5E	DE000HV1Y5E7	DEHV1Y5E=HVBG	9393T	PF051374	1	5.000.000	5.000.000	EUR 0,341
HV1Y5F	DE000HV1Y5F4	DEHV1Y5F=HVBG	9394T	PF051375	1	5.000.000	5.000.000	EUR 0,696
HV1Y5H	DE000HV1Y5H0	DEHV1Y5H=HVBG	9396T	PF051377	1	5.000.000	5.000.000	EUR 0,503
HV1Y5J	DE000HV1Y5J6	DEHV1Y5J=HVBG	9397T	PF051378	1	5.000.000	5.000.000	EUR 0,273
HV1Y5K	DE000HV1Y5K4	DEHV1Y5K=HVBG	9398T	PF051379	1	5.000.000	5.000.000	EUR 0,918
HV1Y5G	DE000HV1Y5G2	DEHV1Y5G=HVBG	9395T	PF051376	1	5.000.000	5.000.000	EUR 0,252
HV1Y5L	DE000HV1Y5L2	DEHV1Y5L=HVBG	9399T	PF051380	1	5.000.000	5.000.000	EUR 0,36
HV1Y5Z	DE000HV1Y5Z2	DEHV1Y5Z=HVBG	9412T	PF051393	1	5.000.000	5.000.000	EUR 0,229
HV1Y60	DE000HV1Y609	DEHV1Y60=HVBG	9413T	PF051394	1	5.000.000	5.000.000	EUR 0,494
HV1Y61	DE000HV1Y617	DEHV1Y61=HVBG	9414T	PF051395	1	5.000.000	5.000.000	EUR 0,333
HV1Y63	DE000HV1Y633	DEHV1Y63=HVBG	9416T	PF051397	1	5.000.000	5.000.000	EUR 1,534
HV1Y64	DE000HV1Y641	DEHV1Y64=HVBG	9417T	PF051398	1	5.000.000	5.000.000	EUR 1,701
HV1Y65	DE000HV1Y658	DEHV1Y65=HVBG	9418T	PF051399	1	5.000.000	5.000.000	EUR 1,224
HV1Y5Y	DE000HV1Y5Y5	DEHV1Y5Y=HVBG	9411T	PF051392	1	5.000.000	5.000.000	EUR 0,208
HV1Y62	DE000HV1Y625	DEHV1Y62=HVBG	9415T	PF051396	1	5.000.000	5.000.000	EUR 0,723

HV1Y67	DE000HV1Y674	DEHV1Y67=HVBG	9420T	PF051401	1	5.000.000	5.000.000	EUR 0,549
HV1Y66	DE000HV1Y666	DEHV1Y66=HVBG	9419T	PF051400	1	5.000.000	5.000.000	EUR 0,56
HV1Y68	DE000HV1Y682	DEHV1Y68=HVBG	9421T	PF051402	1	5.000.000	5.000.000	EUR 0,332
HV1Y69	DE000HV1Y690	DEHV1Y69=HVBG	9422T	PF051403	1	5.000.000	5.000.000	EUR 0,109
HV1Y6B	DE000HV1Y6B1	DEHV1Y6B=HVBG	9424T	PF051405	1	5.000.000	5.000.000	EUR 0,189
HV1Y6A	DE000HV1Y6A3	DEHV1Y6A=HVBG	9423T	PF051404	1	5.000.000	5.000.000	EUR 0,462
HV1Y6C	DE000HV1Y6C9	DEHV1Y6C=HVBG	9425T	PF051406	1	5.000.000	5.000.000	EUR 0,318
HV1Y6D	DE000HV1Y6D7	DEHV1Y6D=HVBG	9426T	PF051407	1	5.000.000	5.000.000	EUR 0,418
HV1Y6F	DE000HV1Y6F2	DEHV1Y6F=HVBG	9428T	PF051409	1	5.000.000	5.000.000	EUR 0,537
HV1Y6G	DE000HV1Y6G0	DEHV1Y6G=HVBG	9429T	PF051410	1	5.000.000	5.000.000	EUR 0,64
HV1Y6H	DE000HV1Y6H8	DEHV1Y6H=HVBG	9430T	PF051411	1	5.000.000	5.000.000	EUR 0,247
HV1Y6E	DE000HV1Y6E5	DEHV1Y6E=HVBG	9427T	PF051408	1	5.000.000	5.000.000	EUR 0,119
HV1Y6Y	DE000HV1Y6Y3	DEHV1Y6Y=HVBG	9448T	PF051426	1	5.000.000	5.000.000	EUR 0,696
HV1Y6Z	DE000HV1Y6Z0	DEHV1Y6Z=HVBG	9449T	PF051427	1	5.000.000	5.000.000	EUR 0,268
HV1Y70	DE000HV1Y708	DEHV1Y70=HVBG	9450T	PF051428	1	5.000.000	5.000.000	EUR 0,581
HV1Y71	DE000HV1Y716	DEHV1Y71=HVBG	9451T	PF051429	1	5.000.000	5.000.000	EUR 0,163
HV1Y72	DE000HV1Y724	DEHV1Y72=HVBG	9452T	PF051430	1	5.000.000	5.000.000	EUR 1,07
HV1Y73	DE000HV1Y732	DEHV1Y73=HVBG	9453T	PF051431	1	5.000.000	5.000.000	EUR 0,894
HV1Y74	DE000HV1Y740	DEHV1Y74=HVBG	9454T	PF051432	1	5.000.000	5.000.000	EUR 0,305
HV1Y1W	DE000HV1Y1W8	DEHV1Y1W=HVBG	9272T	PF051254	1	5.000.000	5.000.000	EUR 0,421
HV1Y1X	DE000HV1Y1X6	DEHV1Y1X=HVBG	9273T	PF051255	1	5.000.000	5.000.000	EUR 0,122
HV1Y1Y	DE000HV1Y1Y4	DEHV1Y1Y=HVBG	9274T	PF051256	1	5.000.000	5.000.000	EUR 0,527
HV1Y1Z	DE000HV1Y1Z1	DEHV1Y1Z=HVBG	9275T	PF051257	1	5.000.000	5.000.000	EUR 0,195
HV1Y20	DE000HV1Y203	DEHV1Y20=HVBG	9276T	PF051258	1	5.000.000	5.000.000	EUR 1,325

HV1Y21	DE000HV1Y211	DEHV1Y21=HVBG	9277T	PF051259	1	5.000.000	5.000.000	EUR 0,622
HV1Y22	DE000HV1Y229	DEHV1Y22=HVBG	9278T	PF051260	1	5.000.000	5.000.000	EUR 1,402
HV1Y23	DE000HV1Y237	DEHV1Y23=HVBG	9279T	PF051261	1	5.000.000	5.000.000	EUR 0,732
HV1Y76	DE000HV1Y765	DEHV1Y76=HVBG	9456T	PF051434	1	5.000.000	5.000.000	EUR 0,799
HV1Y77	DE000HV1Y773	DEHV1Y77=HVBG	9457T	PF051435	1	5.000.000	5.000.000	EUR 0,396
HV1Y78	DE000HV1Y781	DEHV1Y78=HVBG	9458T	PF051436	1	5.000.000	5.000.000	EUR 0,666
HV1Y79	DE000HV1Y799	DEHV1Y79=HVBG	9460T	PF051437	1	5.000.000	5.000.000	EUR 1,419
HV1Y7A	DE000HV1Y7A1	DEHV1Y7A=HVBG	9461T	PF051438	1	5.000.000	5.000.000	EUR 0,82
HV1Y7B	DE000HV1Y7B9	DEHV1Y7B=HVBG	9462T	PF051439	1	5.000.000	5.000.000	EUR 0,426
HV1Y75	DE000HV1Y757	DEHV1Y75=HVBG	9455T	PF051433	1	5.000.000	5.000.000	EUR 0,648
HV1Y28	DE000HV1Y286	DEHV1Y28=HVBG	9284T	PF051266	1	5.000.000	5.000.000	EUR 0,188
HV1Y29	DE000HV1Y294	DEHV1Y29=HVBG	9285T	PF051267	1	5.000.000	5.000.000	EUR 0,061
HV1Y2A	DE000HV1Y2A2	DEHV1Y2A=HVBG	9286T	PF051268	1	5.000.000	5.000.000	EUR 0,365
HV1Y2B	DE000HV1Y2B0	DEHV1Y2B=HVBG	9287T	PF051269	1	5.000.000	5.000.000	EUR 0,13
HV1Y7K	DE000HV1Y7K0	DEHV1Y7K=HVBG	9481T	PF051447	1	5.000.000	5.000.000	EUR 0,092
HV1Y7C	DE000HV1Y7C7	DEHV1Y7C=HVBG	9465T	PF051440	1	5.000.000	5.000.000	EUR 0,141
HV1Y7D	DE000HV1Y7D5	DEHV1Y7D=HVBG	9469T	PF051441	1	5.000.000	5.000.000	EUR 1,123
HV1Y7E	DE000HV1Y7E3	DEHV1Y7E=HVBG	9471T	PF051442	1	5.000.000	5.000.000	EUR 0,552
HV1Y7G	DE000HV1Y7G8	DEHV1Y7G=HVBG	9474T	PF051444	1	5.000.000	5.000.000	EUR 0,233
HV1Y7H	DE000HV1Y7H6	DEHV1Y7H=HVBG	9478T	PF051445	1	5.000.000	5.000.000	EUR 0,782
HV1Y7J	DE000HV1Y7J2	DEHV1Y7J=HVBG	9480T	PF051446	1	5.000.000	5.000.000	EUR 0,352
HV1Y7F	DE000HV1Y7F0	DEHV1Y7F=HVBG	9472T	PF051443	1	5.000.000	5.000.000	EUR 0,224
HV1Y7L	DE000HV1Y7L8	DEHV1Y7L=HVBG	9483T	PF051448	1	5.000.000	5.000.000	EUR 0,725
HV1Y7M	DE000HV1Y7M6	DEHV1Y7M=HVBG	9484T	PF051449	1	5.000.000	5.000.000	EUR 0,38

HV1Y7P	DE000HV1Y7P9	DEHV1Y7P=HVBG	9486T	PF051451	1	5.000.000	5.000.000	EUR 0,892
HV1Y7Q	DE000HV1Y7Q7	DEHV1Y7Q=HVBG	9487T	PF051452	1	5.000.000	5.000.000	EUR 0,442
HV1Y7N	DE000HV1Y7N4	DEHV1Y7N=HVBG	9485T	PF051450	1	5.000.000	5.000.000	EUR 1,55
HV1Y7R	DE000HV1Y7R5	DEHV1Y7R=HVBG	9488T	PF051453	1	5.000.000	5.000.000	EUR 0,641
HV1Y7S	DE000HV1Y7S3	DEHV1Y7S=HVBG	9489T	PF051454	1	5.000.000	5.000.000	EUR 0,373
HV1Y88	DE000HV1Y880	DEHV1Y88=HVBG	9505T	PF051470	1	5.000.000	5.000.000	EUR 0,637
HV1Y89	DE000HV1Y898	DEHV1Y89=HVBG	9506T	PF051471	1	5.000.000	5.000.000	EUR 0,299
HV1Y8A	DE000HV1Y8A9	DEHV1Y8A=HVBG	9507T	PF051472	1	5.000.000	5.000.000	EUR 0,116
HV1Y8B	DE000HV1Y8B7	DEHV1Y8B=HVBG	9508T	PF051473	1	5.000.000	5.000.000	EUR 0,703
HV1Y8C	DE000HV1Y8C5	DEHV1Y8C=HVBG	9509T	PF051474	1	5.000.000	5.000.000	EUR 0,339
HV1Y85	DE000HV1Y856	DEHV1Y85=HVBG	9502T	PF051467	1	5.000.000	5.000.000	EUR 0,132
HV1Y86	DE000HV1Y864	DEHV1Y86=HVBG	9503T	PF051468	1	5.000.000	5.000.000	EUR 1,975
HV1Y87	DE000HV1Y872	DEHV1Y87=HVBG	9504T	PF051469	1	5.000.000	5.000.000	EUR 0,172
HV1Y84	DE000HV1Y849	DEHV1Y84=HVBG	9501T	PF051466	1	5.000.000	5.000.000	EUR 1,337
HV1Y7T	DE000HV1Y7T1	DEHV1Y7T=HVBG	9490T	PF051455	1	5.000.000	5.000.000	EUR 1,363
HV1Y7U	DE000HV1Y7U9	DEHV1Y7U=HVBG	9491T	PF051456	1	5.000.000	5.000.000	EUR 1,636
HV1Y7V	DE000HV1Y7V7	DEHV1Y7V=HVBG	9492T	PF051457	1	5.000.000	5.000.000	EUR 0,532
HV1Y7X	DE000HV1Y7X3	DEHV1Y7X=HVBG	9494T	PF051459	1	5.000.000	5.000.000	EUR 3,22
HV1Y7Y	DE000HV1Y7Y1	DEHV1Y7Y=HVBG	9495T	PF051460	1	5.000.000	5.000.000	EUR 1,316
HV1Y7W	DE000HV1Y7W5	DEHV1Y7W=HVBG	9493T	PF051458	1	5.000.000	5.000.000	EUR 1,029
HV1Y6K	DE000HV1Y6K2	DEHV1Y6K=HVBG	9432T	PF051413	1	5.000.000	5.000.000	EUR 0,556
HV1Y6L	DE000HV1Y6L0	DEHV1Y6L=HVBG	9433T	PF051414	1	5.000.000	5.000.000	EUR 0,274
HV1Y6M	DE000HV1Y6M8	DEHV1Y6M=HVBG	9434T	PF051415	1	5.000.000	5.000.000	EUR 0,257
HV1Y6N	DE000HV1Y6N6	DEHV1Y6N=HVBG	9435T	PF051416	1	5.000.000	5.000.000	EUR 1,009

HV1Y6P	DE000HV1Y6P1	DEHV1Y6P=HVBG	9436T	PF051417	1	5.000.000	5.000.000	EUR 0,59
HV1Y6Q	DE000HV1Y6Q9	DEHV1Y6Q=HVBG	9437T	PF051418	1	5.000.000	5.000.000	EUR 0,314
HV1Y6J	DE000HV1Y6J4	DEHV1Y6J=HVBG	9431T	PF051412	1	5.000.000	5.000.000	EUR 0,589
HV1Y7Z	DE000HV1Y7Z8	DEHV1Y7Z=HVBG	9496T	PF051461	1	5.000.000	5.000.000	EUR 0,474
HV1Y81	DE000HV1Y815	DEHV1Y81=HVBG	9498T	PF051463	1	5.000.000	5.000.000	EUR 0,558
HV1Y82	DE000HV1Y823	DEHV1Y82=HVBG	9499T	PF051464	1	5.000.000	5.000.000	EUR 0,683
HV1Y83	DE000HV1Y831	DEHV1Y83=HVBG	9500T	PF051465	1	5.000.000	5.000.000	EUR 1,76
HV1Y80	DE000HV1Y807	DEHV1Y80=HVBG	9497T	PF051462	1	5.000.000	5.000.000	EUR 2,142
HV1Y8D	DE000HV1Y8D3	DEHV1Y8D=HVBG	9510T	PF051475	1	5.000.000	5.000.000	EUR 10,737
HV1Y8E	DE000HV1Y8E1	DEHV1Y8E=HVBG	9511T	PF051476	1	5.000.000	5.000.000	EUR 1,837
HV1Y8F	DE000HV1Y8F8	DEHV1Y8F=HVBG	9512T	PF051477	1	5.000.000	5.000.000	EUR 0,769
HV1Y8G	DE000HV1Y8G6	DEHV1Y8G=HVBG	9513T	PF051478	1	5.000.000	5.000.000	EUR 2,442
HV1Y8H	DE000HV1Y8H4	DEHV1Y8H=HVBG	9514T	PF051479	1	5.000.000	5.000.000	EUR 1,004

WKN	ISIN	Underlying	Call/Put	Ratio	Strike	Final Valuation Date	Final Payment Date	Reference Price
HV1X8C	DE000HV1X8C6	Accor SA	Call	0,1	40	19.09.2018	26.09.2018	Closing Price
HV1X8D	DE000HV1X8D4	Accor SA	Call	0,1	45	19.09.2018	26.09.2018	Closing Price
HV1X8E	DE000HV1X8E2	Accor SA	Call	0,1	42	19.12.2018	28.12.2018	Closing Price
HV1X8F	DE000HV1X8F9	Accor SA	Call	0,1	49	19.12.2018	28.12.2018	Closing Price
HV1X8G	DE000HV1X8G7	Accor SA	Put	0,1	45	19.09.2018	26.09.2018	Closing Price
HV1X8H	DE000HV1X8H5	Accor SA	Put	0,1	40	19.09.2018	26.09.2018	Closing Price
HV1X8J	DE000HV1X8J1	Accor SA	Put	0,1	49	19.12.2018	28.12.2018	Closing Price
HV1X8K	DE000HV1X8K9	Accor SA	Put	0,1	42	19.12.2018	28.12.2018	Closing Price
HV1X8U	DE000HV1X8U8	Air France-KLM S.A.	Call	1	10	19.12.2018	28.12.2018	Closing Price

HV1X8V	DE000HV1X8V6	Air France-KLM S.A.	Call	1	11	19.12.2018	28.12.2018	Closing Price
HV1X8W	DE000HV1X8W4	Air France-KLM S.A.	Put	1	10	19.12.2018	28.12.2018	Closing Price
HV1X8X	DE000HV1X8X2	Air France-KLM S.A.	Put	1	9	19.12.2018	28.12.2018	Closing Price
HV1X8Y	DE000HV1X8Y0	Air France-KLM S.A.	Put	1	8	19.12.2018	28.12.2018	Closing Price
HV1X8T	DE000HV1X8T0	Air France-KLM S.A.	Call	1	9	19.12.2018	28.12.2018	Closing Price
HV1X8Z	DE000HV1X8Z7	Air Liquide S.A.	Call	0,1	96	19.12.2018	28.12.2018	Closing Price
HV1X90	DE000HV1X908	Air Liquide S.A.	Call	0,1	108	19.12.2018	28.12.2018	Closing Price
HV1X91	DE000HV1X916	Air Liquide S.A.	Put	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1X92	DE000HV1X924	Air Liquide S.A.	Put	0,1	108	19.12.2018	28.12.2018	Closing Price
HV1X93	DE000HV1X932	Air Liquide S.A.	Put	0,1	96	19.12.2018	28.12.2018	Closing Price
HV1X8L	DE000HV1X8L7	Airbus Group SE	Call	0,1	91	19.12.2018	28.12.2018	Closing Price
HV1X8M	DE000HV1X8M5	Airbus Group SE	Call	0,1	98	19.12.2018	28.12.2018	Closing Price
HV1X8N	DE000HV1X8N3	Airbus Group SE	Call	0,1	105	19.12.2018	28.12.2018	Closing Price
HV1X8P	DE000HV1X8P8	Airbus Group SE	Put	0,1	105	19.12.2018	28.12.2018	Closing Price
HV1X8Q	DE000HV1X8Q6	Airbus Group SE	Put	0,1	98	19.12.2018	28.12.2018	Closing Price
HV1X8R	DE000HV1X8R4	Airbus Group SE	Put	0,1	91	19.12.2018	28.12.2018	Closing Price
HV1X8S	DE000HV1X8S2	Airbus Group SE	Put	0,1	84	19.12.2018	28.12.2018	Closing Price
HV1X95	DE000HV1X957	Allianz SE	Call	0,1	170	19.09.2018	26.09.2018	Closing Price
HV1X96	DE000HV1X965	Allianz SE	Call	0,1	180	19.09.2018	26.09.2018	Closing Price
HV1X98	DE000HV1X981	Allianz SE	Call	0,1	165	19.12.2018	28.12.2018	Closing Price
HV1X99	DE000HV1X999	Allianz SE	Call	0,1	180	19.12.2018	28.12.2018	Closing Price
HV1X9A	DE000HV1X9A8	Allianz SE	Call	0,1	195	19.12.2018	28.12.2018	Closing Price
HV1X9C	DE000HV1X9C4	Allianz SE	Put	0,1	170	19.09.2018	26.09.2018	Closing Price
HV1X9D	DE000HV1X9D2	Allianz SE	Put	0,1	180	19.12.2018	28.12.2018	Closing Price
HV1X9E	DE000HV1X9E0	Allianz SE	Put	0,1	165	19.12.2018	28.12.2018	Closing Price
HV1X97	DE000HV1X973	Allianz SE	Call	0,1	190	19.09.2018	26.09.2018	Closing Price

HV1X9B	DE000HV1X9B6	Allianz SE	Put	0,1	180	19.09.2018	26.09.2018	Closing Price
HV1X94	DE000HV1X940	Alstom S.A.	Put	0,1	33	19.09.2018	26.09.2018	Closing Price
HV1Y49	DE000HV1Y492	ArcelorMittal S.A.	Call	0,1	26	19.12.2018	28.12.2018	Closing Price
HV1Y4A	DE000HV1Y4A8	ArcelorMittal S.A.	Put	0,1	22	19.12.2018	28.12.2018	Closing Price
HV1Y48	DE000HV1Y484	ArcelorMittal S.A.	Call	0,1	24	19.12.2018	28.12.2018	Closing Price
HV1X9G	DE000HV1X9G5	Atos SE	Call	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1X9H	DE000HV1X9H3	Atos SE	Call	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1X9J	DE000HV1X9J9	Atos SE	Call	0,1	130	19.12.2018	28.12.2018	Closing Price
HV1X9L	DE000HV1X9L5	Atos SE	Put	0,1	100	19.09.2018	26.09.2018	Closing Price
HV1X9M	DE000HV1X9M3	Atos SE	Put	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1X9N	DE000HV1X9N1	Atos SE	Put	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1X9F	DE000HV1X9F7	Atos SE	Call	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1X9K	DE000HV1X9K7	Atos SE	Put	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1X9P	DE000HV1X9P6	Atos SE	Put	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1X9Q	DE000HV1X9Q4	AXA S.A.	Call	1	20	13.06.2018	20.06.2018	Closing Price
HV1X9R	DE000HV1X9R2	AXA S.A.	Call	1	21	19.12.2018	28.12.2018	Closing Price
HV1X9S	DE000HV1X9S0	AXA S.A.	Put	1	21	19.12.2018	28.12.2018	Closing Price
HV1X9T	DE000HV1X9T8	AXA S.A.	Put	1	18	19.12.2018	28.12.2018	Closing Price
HV1X9U	DE000HV1X9U6	Bayer AG	Call	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1X9V	DE000HV1X9V4	Bayer AG	Call	0,1	75	19.12.2018	28.12.2018	Closing Price
HV1X9W	DE000HV1X9W2	Bayer AG	Call	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1X9Y	DE000HV1X9Y8	Bayer AG	Put	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1X9Z	DE000HV1X9Z5	Bayer AG	Put	0,1	75	19.12.2018	28.12.2018	Closing Price
HV1X9X	DE000HV1X9X0	Bayer AG	Put	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1Y00	DE000HV1Y005	Bayerische Motoren Werke AG	Call	0,1	80	19.09.2018	26.09.2018	Closing Price

HV1Y01	DE000HV1Y013	Bayerische Motoren Werke AG	Call	0,1	84	19.12.2018	28.12.2018	Closing Price
HV1Y02	DE000HV1Y021	Bayerische Motoren Werke AG	Call	0,1	96	19.12.2018	28.12.2018	Closing Price
HV1Y03	DE000HV1Y039	Bayerische Motoren Werke AG	Put	0,1	84	19.12.2018	28.12.2018	Closing Price
HV1Y04	DE000HV1Y047	Bayerische Motoren Werke AG	Put	0,1	72	19.12.2018	28.12.2018	Closing Price
HV1Y05	DE000HV1Y054	BNP Paribas S.A.	Call	0,1	57	13.06.2018	20.06.2018	Closing Price
HV1Y06	DE000HV1Y062	BNP Paribas S.A.	Call	0,1	56	19.12.2018	28.12.2018	Closing Price
HV1Y07	DE000HV1Y070	BNP Paribas S.A.	Put	0,1	56	19.12.2018	28.12.2018	Closing Price
HV1Y08	DE000HV1Y088	BNP Paribas S.A.	Put	0,1	52	19.12.2018	28.12.2018	Closing Price
HV1Y0H	DE000HV1Y0H1	Capgemini SE	Put	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y0A	DE000HV1Y0A6	Capgemini SE	Call	0,1	98	19.09.2018	26.09.2018	Closing Price
HV1Y0B	DE000HV1Y0B4	Capgemini SE	Call	0,1	112	19.09.2018	26.09.2018	Closing Price
HV1Y0C	DE000HV1Y0C2	Capgemini SE	Call	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y0D	DE000HV1Y0D0	Capgemini SE	Call	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y0E	DE000HV1Y0E8	Capgemini SE	Put	0,1	98	19.09.2018	26.09.2018	Closing Price
HV1Y0F	DE000HV1Y0F5	Capgemini SE	Put	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y0G	DE000HV1Y0G3	Capgemini SE	Put	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y0J	DE000HV1Y0J7	Carrefour S.A.	Call	0,1	16	19.12.2018	28.12.2018	Closing Price
HV1Y0K	DE000HV1Y0K5	Carrefour S.A.	Call	0,1	20	19.12.2018	28.12.2018	Closing Price
HV1Y0L	DE000HV1Y0L3	Carrefour S.A.	Put	0,1	16	19.12.2018	28.12.2018	Closing Price
HV1Y0M	DE000HV1Y0M1	Casino Guichard Perrachon SA	Call	0,1	35	19.12.2018	28.12.2018	Closing Price
HV1Y0P	DE000HV1Y0P4	Casino Guichard Perrachon SA	Put	0,1	42	19.12.2018	28.12.2018	Closing Price
HV1Y0Q	DE000HV1Y0Q2	Casino Guichard Perrachon SA	Put	0,1	35	19.12.2018	28.12.2018	Closing Price
HV1Y0N	DE000HV1Y0N9	Casino Guichard Perrachon SA	Call	0,1	42	19.12.2018	28.12.2018	Closing Price

HV1Y6R	DE000HV1Y6R7	Compagnie de Saint-Gobain S.A.	Call	0,1	40	19.09.2018	26.09.2018	Closing Price
HV1Y6S	DE000HV1Y6S5	Compagnie de Saint-Gobain S.A.	Call	0,1	45	19.09.2018	26.09.2018	Closing Price
HV1Y6T	DE000HV1Y6T3	Compagnie de Saint-Gobain S.A.	Call	0,1	42	19.12.2018	28.12.2018	Closing Price
HV1Y6U	DE000HV1Y6U1	Compagnie de Saint-Gobain S.A.	Call	0,1	49	19.12.2018	28.12.2018	Closing Price
HV1Y6V	DE000HV1Y6V9	Compagnie de Saint-Gobain S.A.	Put	0,1	45	19.09.2018	26.09.2018	Closing Price
HV1Y6W	DE000HV1Y6W7	Compagnie de Saint-Gobain S.A.	Put	0,1	42	19.12.2018	28.12.2018	Closing Price
HV1Y6X	DE000HV1Y6X5	Compagnie de Saint-Gobain S.A.	Put	0,1	35	19.12.2018	28.12.2018	Closing Price
HV1Y3H	DE000HV1Y3H5	Compagnie Generale des Etablissements Michelin SCA	Call	0,1	112	19.09.2018	26.09.2018	Closing Price
HV1Y3K	DE000HV1Y3K9	Compagnie Generale des Etablissements Michelin SCA	Call	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y3L	DE000HV1Y3L7	Compagnie Generale des Etablissements Michelin SCA	Call	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y3M	DE000HV1Y3M5	Compagnie Generale des Etablissements Michelin SCA	Call	0,1	130	19.12.2018	28.12.2018	Closing Price
HV1Y3P	DE000HV1Y3P8	Compagnie Generale des Etablissements Michelin SCA	Put	0,1	112	19.09.2018	26.09.2018	Closing Price
HV1Y3Q	DE000HV1Y3Q6	Compagnie Generale des Etablissements Michelin SCA	Put	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y3R	DE000HV1Y3R4	Compagnie Generale des Etablissements Michelin SCA	Put	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y3J	DE000HV1Y3J1	Compagnie Generale des Etablissements Michelin SCA	Call	0,1	119	19.09.2018	26.09.2018	Closing Price

HV1Y3N	DE000HV1Y3N3	Compagnie Generale des Etablissements Michelin SCA	Put	0,1	119	19.09.2018	26.09.2018	Closing Price
HV1Y0Y	DE000HV1Y0Y6	Continental AG	Call	0,1	200	19.12.2018	28.12.2018	Closing Price
HV1Y0Z	DE000HV1Y0Z3	Continental AG	Call	0,1	250	19.12.2018	28.12.2018	Closing Price
HV1Y11	DE000HV1Y112	Continental AG	Put	0,1	200	19.12.2018	28.12.2018	Closing Price
HV1Y10	DE000HV1Y104	Continental AG	Put	0,1	250	19.12.2018	28.12.2018	Closing Price
HV1Y09	DE000HV1Y096	Credit Agricole S.A.	Call	1	12	19.12.2018	28.12.2018	Closing Price
HV1Y12	DE000HV1Y120	Daimler AG	Call	0,1	60	19.09.2018	26.09.2018	Closing Price
HV1Y14	DE000HV1Y146	Daimler AG	Call	0,1	75	19.12.2018	28.12.2018	Closing Price
HV1Y15	DE000HV1Y153	Daimler AG	Put	0,1	60	19.09.2018	26.09.2018	Closing Price
HV1Y16	DE000HV1Y161	Daimler AG	Put	0,1	75	19.12.2018	28.12.2018	Closing Price
HV1Y13	DE000HV1Y138	Daimler AG	Call	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y17	DE000HV1Y179	Daimler AG	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y18	DE000HV1Y187	Danone S.A.	Call	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y19	DE000HV1Y195	Danone S.A.	Call	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y1A	DE000HV1Y1A4	Danone S.A.	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y1B	DE000HV1Y1B2	Danone S.A.	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y1C	DE000HV1Y1C0	Deutsche Bank AG	Call	1	14	19.12.2018	28.12.2018	Closing Price
HV1Y1D	DE000HV1Y1D8	Deutsche Bank AG	Put	1	14	19.12.2018	28.12.2018	Closing Price
HV1Y1E	DE000HV1Y1E6	Deutsche Bank AG	Put	1	7	19.12.2018	28.12.2018	Closing Price
HV1Y1G	DE000HV1Y1G1	Deutsche Telekom AG	Call	1	12	19.12.2018	28.12.2018	Closing Price
HV1Y1H	DE000HV1Y1H9	Deutsche Telekom AG	Put	1	12	19.09.2018	26.09.2018	Closing Price
HV1Y1J	DE000HV1Y1J5	Deutsche Telekom AG	Put	1	12	19.12.2018	28.12.2018	Closing Price
HV1Y1F	DE000HV1Y1F3	Deutsche Telekom AG	Call	1	12	19.09.2018	26.09.2018	Closing Price

HV1Y1L	DE000HV1Y1L1	Electricité de France S.A. (E.D.F.)	Put	1	12	13.06.2018	20.06.2018	Closing Price
HV1Y1K	DE000HV1Y1K3	Electricité de France S.A. (E.D.F.)	Call	1	12	13.06.2018	20.06.2018	Closing Price
HV1Y1M	DE000HV1Y1M9	Enel S.p.A.	Call	1	6	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y1N	DE000HV1Y1N7	ENI S.p.A.	Call	1	12	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y1Q	DE000HV1Y1Q0	ENI S.p.A.	Put	1	16	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y1R	DE000HV1Y1R8	ENI S.p.A.	Put	1	12	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y1P	DE000HV1Y1P2	ENI S.p.A.	Call	1	16	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y1S	DE000HV1Y1S6	Essilor International S.A.	Call	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y1T	DE000HV1Y1T4	Essilor International S.A.	Call	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y1U	DE000HV1Y1U2	Essilor International S.A.	Put	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y1V	DE000HV1Y1V0	Essilor International S.A.	Put	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y5M	DE000HV1Y5M0	Ferrari N.V.	Call	0,1	96	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y5N	DE000HV1Y5N8	Ferrari N.V.	Call	0,1	104	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y5P	DE000HV1Y5P3	Ferrari N.V.	Call	0,1	91	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y5R	DE000HV1Y5R9	Ferrari N.V.	Call	0,1	105	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y5S	DE000HV1Y5S7	Ferrari N.V.	Call	0,1	112	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y5T	DE000HV1Y5T5	Ferrari N.V.	Put	0,1	104	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y5V	DE000HV1Y5V1	Ferrari N.V.	Put	0,1	105	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y5W	DE000HV1Y5W9	Ferrari N.V.	Put	0,1	98	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y5X	DE000HV1Y5X7	Ferrari N.V.	Put	0,1	91	19.12.2018	28.12.2018	Prezzo di Riferimento

HV1Y5Q	DE000HV1Y5Q1	Ferrari N.V.	Call	0,1	98	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y5U	DE000HV1Y5U3	Ferrari N.V.	Put	0,1	96	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y25	DE000HV1Y252	Fiat Chrysler Automobiles N.V.	Call	1	18	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y24	DE000HV1Y245	Fiat Chrysler Automobiles N.V.	Call	1	15	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y26	DE000HV1Y260	Fiat Chrysler Automobiles N.V.	Call	1	15	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y27	DE000HV1Y278	Fiat Chrysler Automobiles N.V.	Put	1	18	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y2C	DE000HV1Y2C8	Iliad SA	Call	0,1	160	19.12.2018	28.12.2018	Closing Price
HV1Y2D	DE000HV1Y2D6	Iliad SA	Call	0,1	180	19.12.2018	28.12.2018	Closing Price
HV1Y2F	DE000HV1Y2F1	Iliad SA	Put	0,1	180	19.12.2018	28.12.2018	Closing Price
HV1Y2G	DE000HV1Y2G9	Iliad SA	Put	0,1	160	19.12.2018	28.12.2018	Closing Price
HV1Y2E	DE000HV1Y2E4	Iliad SA	Put	0,1	150	19.09.2018	26.09.2018	Closing Price
HV1Y2H	DE000HV1Y2H7	Ingenico Group S.A.	Call	0,1	75	19.09.2018	26.09.2018	Closing Price
HV1Y2K	DE000HV1Y2K1	Ingenico Group S.A.	Call	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y2L	DE000HV1Y2L9	Ingenico Group S.A.	Call	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y2M	DE000HV1Y2M7	Ingenico Group S.A.	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y2J	DE000HV1Y2J3	Ingenico Group S.A.	Call	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y2N	DE000HV1Y2N5	Ingenico Group S.A.	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y2P	DE000HV1Y2P0	Intesa Sanpaolo S.p.A.	Put	1	2,4	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y4Y	DE000HV1Y4Y8	Kering	Call	0,1	420	19.12.2018	28.12.2018	Closing Price
HV1Y4U	DE000HV1Y4U6	Kering	Call	0,1	390	19.09.2018	26.09.2018	Closing Price
HV1Y4V	DE000HV1Y4V4	Kering	Call	0,1	435	19.09.2018	26.09.2018	Closing Price
HV1Y4W	DE000HV1Y4W2	Kering	Call	0,1	380	19.12.2018	28.12.2018	Closing Price
HV1Y4X	DE000HV1Y4X0	Kering	Call	0,1	400	19.12.2018	28.12.2018	Closing Price
HV1Y4Z	DE000HV1Y4Z5	Kering	Call	0,1	440	19.12.2018	28.12.2018	Closing Price

HV1Y50	DE000HV1Y500	Kering	Put	0,1	390	19.09.2018	26.09.2018	Closing Price
HV1Y51	DE000HV1Y518	Kering	Put	0,1	360	19.09.2018	26.09.2018	Closing Price
HV1Y52	DE000HV1Y526	Kering	Put	0,1	420	19.12.2018	28.12.2018	Closing Price
HV1Y53	DE000HV1Y534	Kering	Put	0,1	400	19.12.2018	28.12.2018	Closing Price
HV1Y54	DE000HV1Y542	Kering	Put	0,1	380	19.12.2018	28.12.2018	Closing Price
HV1Y55	DE000HV1Y559	Kering	Put	0,1	360	19.12.2018	28.12.2018	Closing Price
HV1Y56	DE000HV1Y567	Kering	Put	0,1	340	19.12.2018	28.12.2018	Closing Price
HV1Y33	DE000HV1Y336	LafargeHolcim Ltd	Call	0,1	45	19.09.2018	26.09.2018	Closing Price
HV1Y34	DE000HV1Y344	LafargeHolcim Ltd	Call	0,1	40	19.12.2018	28.12.2018	Closing Price
HV1Y35	DE000HV1Y351	LafargeHolcim Ltd	Call	0,1	50	19.12.2018	28.12.2018	Closing Price
HV1Y36	DE000HV1Y369	LafargeHolcim Ltd	Put	0,1	45	19.09.2018	26.09.2018	Closing Price
HV1Y37	DE000HV1Y377	LafargeHolcim Ltd	Put	0,1	50	19.12.2018	28.12.2018	Closing Price
HV1Y38	DE000HV1Y385	LafargeHolcim Ltd	Put	0,1	40	19.12.2018	28.12.2018	Closing Price
HV1Y2Q	DE000HV1Y2Q8	Laçardere SCA	Call	1	22,5	19.09.2018	26.09.2018	Closing Price
HV1Y2R	DE000HV1Y2R6	Laçardere SCA	Call	1	25	19.09.2018	26.09.2018	Closing Price
HV1Y2S	DE000HV1Y2S4	Laçardere SCA	Call	1	20	19.12.2018	28.12.2018	Closing Price
HV1Y2T	DE000HV1Y2T2	Laçardere SCA	Call	1	25	19.12.2018	28.12.2018	Closing Price
HV1Y2U	DE000HV1Y2U0	Laçardere SCA	Put	1	22,5	19.09.2018	26.09.2018	Closing Price
HV1Y2V	DE000HV1Y2V8	Laçardere SCA	Put	1	25	19.12.2018	28.12.2018	Closing Price
HV1Y2W	DE000HV1Y2W6	Laçardere SCA	Put	1	20	19.12.2018	28.12.2018	Closing Price
HV1Y2Y	DE000HV1Y2Y2	Legrand S.A.	Call	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y2X	DE000HV1Y2X4	Legrand S.A.	Call	0,1	65	19.09.2018	26.09.2018	Closing Price
HV1Y2Z	DE000HV1Y2Z9	Legrand S.A.	Call	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y30	DE000HV1Y302	Legrand S.A.	Put	0,1	65	19.09.2018	26.09.2018	Closing Price
HV1Y31	DE000HV1Y310	Legrand S.A.	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y32	DE000HV1Y328	Legrand S.A.	Put	0,1	60	19.12.2018	28.12.2018	Closing Price

HV1Y4J	DE000HV1Y4J9	L'OREAL S.A.	Call	0,1	180	19.12.2018	28.12.2018	Closing Price
HV1Y4K	DE000HV1Y4K7	L'OREAL S.A.	Call	0,1	200	19.12.2018	28.12.2018	Closing Price
HV1Y4M	DE000HV1Y4M3	L'OREAL S.A.	Put	0,1	200	19.12.2018	28.12.2018	Closing Price
HV1Y4N	DE000HV1Y4N1	L'OREAL S.A.	Put	0,1	180	19.12.2018	28.12.2018	Closing Price
HV1Y4P	DE000HV1Y4P6	L'OREAL S.A.	Put	0,1	160	19.12.2018	28.12.2018	Closing Price
HV1Y4L	DE000HV1Y4L5	L'OREAL S.A.	Put	0,1	165	19.09.2018	26.09.2018	Closing Price
HV1Y39	DE000HV1Y393	LVMH Moët Hennessy - Louis Vuitton SE	Call	0,1	240	19.12.2018	28.12.2018	Closing Price
HV1Y3A	DE000HV1Y3A0	LVMH Moët Hennessy - Louis Vuitton SE	Call	0,1	255	19.12.2018	28.12.2018	Closing Price
HV1Y3B	DE000HV1Y3B8	LVMH Moët Hennessy - Louis Vuitton SE	Call	0,1	270	19.12.2018	28.12.2018	Closing Price
HV1Y3C	DE000HV1Y3C6	LVMH Moët Hennessy - Louis Vuitton SE	Call	0,1	285	19.12.2018	28.12.2018	Closing Price
HV1Y3D	DE000HV1Y3D4	LVMH Moët Hennessy - Louis Vuitton SE	Put	0,1	270	19.12.2018	28.12.2018	Closing Price
HV1Y3F	DE000HV1Y3F9	LVMH Moët Hennessy - Louis Vuitton SE	Put	0,1	240	19.12.2018	28.12.2018	Closing Price
HV1Y3G	DE000HV1Y3G7	LVMH Moët Hennessy - Louis Vuitton SE	Put	0,1	225	19.12.2018	28.12.2018	Closing Price
HV1Y3E	DE000HV1Y3E2	LVMH Moët Hennessy - Louis Vuitton SE	Put	0,1	255	19.12.2018	28.12.2018	Closing Price
HV1Y45	DE000HV1Y450	MEDIASET S.p.A.	Call	1	2,5	19.12.2018	28.12.2018	Prezzo di Riferimento
HV1Y46	DE000HV1Y468	MEDIASET S.p.A.	Put	1	3	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y47	DE000HV1Y476	MEDIASET S.p.A.	Put	1	2,5	19.12.2018	28.12.2018	Prezzo di Riferimento

HV1Y44	DE000HV1Y443	MEDIASET S.p.A.	Call	1	3	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y3T	DE000HV1Y3T0	MorphoSys AG	Call	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1Y3U	DE000HV1Y3U8	MorphoSys AG	Call	0,1	95	19.09.2018	26.09.2018	Closing Price
HV1Y3V	DE000HV1Y3V6	MorphoSys AG	Call	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y3X	DE000HV1Y3X2	MorphoSys AG	Call	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y3Y	DE000HV1Y3Y0	MorphoSys AG	Put	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1Y3Z	DE000HV1Y3Z7	MorphoSys AG	Put	0,1	85	19.09.2018	26.09.2018	Closing Price
HV1Y41	DE000HV1Y419	MorphoSys AG	Put	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y42	DE000HV1Y427	MorphoSys AG	Put	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y43	DE000HV1Y435	MorphoSys AG	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y3S	DE000HV1Y3S2	MorphoSys AG	Call	0,1	85	19.09.2018	26.09.2018	Closing Price
HV1Y3W	DE000HV1Y3W4	MorphoSys AG	Call	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y40	DE000HV1Y401	MorphoSys AG	Put	0,1	75	19.09.2018	26.09.2018	Closing Price
HV1Y0R	DE000HV1Y0R0	Natixis SA	Call	1	7	19.09.2018	26.09.2018	Closing Price
HV1Y0T	DE000HV1Y0T6	Natixis SA	Call	1	7	19.12.2018	28.12.2018	Closing Price
HV1Y0U	DE000HV1Y0U4	Natixis SA	Put	1	7	19.09.2018	26.09.2018	Closing Price
HV1Y0V	DE000HV1Y0V2	Natixis SA	Put	1	5,6	19.09.2018	26.09.2018	Closing Price
HV1Y0X	DE000HV1Y0X8	Natixis SA	Put	1	6	19.12.2018	28.12.2018	Closing Price
HV1Y0S	DE000HV1Y0S8	Natixis SA	Call	1	6	19.12.2018	28.12.2018	Closing Price
HV1Y0W	DE000HV1Y0W0	Natixis SA	Put	1	7	19.12.2018	28.12.2018	Closing Price
HV1Y4B	DE000HV1Y4B6	Nokia OYJ	Call	1	4	19.12.2018	28.12.2018	Closing Price
HV1Y4D	DE000HV1Y4D2	Nokia OYJ	Put	1	5	19.12.2018	28.12.2018	Closing Price
HV1Y4E	DE000HV1Y4E0	Nokia OYJ	Put	1	4	19.12.2018	28.12.2018	Closing Price
HV1Y4C	DE000HV1Y4C4	Nokia OYJ	Call	1	5	19.12.2018	28.12.2018	Closing Price
HV1Y4F	DE000HV1Y4F7	Orange S.A.	Call	1	13,5	13.06.2018	20.06.2018	Closing Price
HV1Y4H	DE000HV1Y4H3	Orange S.A.	Put	1	13,5	13.06.2018	20.06.2018	Closing Price

HV1Y4G	DE000HV1Y4G5	Orange S.A.	Call	1	12	19.12.2018	28.12.2018	Closing Price
HV1Y4Q	DE000HV1Y4Q4	Pernod Ricard S.A.	Call	0,1	147	19.12.2018	28.12.2018	Closing Price
HV1Y4R	DE000HV1Y4R2	Pernod Ricard S.A.	Put	0,1	130	19.09.2018	26.09.2018	Closing Price
HV1Y4S	DE000HV1Y4S0	Peugeot S.A.	Call	1	21	19.09.2018	26.09.2018	Closing Price
HV1Y4T	DE000HV1Y4T8	Peugeot S.A.	Call	1	22,5	19.12.2018	28.12.2018	Closing Price
HV1Y57	DE000HV1Y575	Porsche Automobil Holding SE	Call	0,1	60	19.09.2018	26.09.2018	Closing Price
HV1Y58	DE000HV1Y583	Porsche Automobil Holding SE	Call	0,1	70	19.09.2018	26.09.2018	Closing Price
HV1Y59	DE000HV1Y591	Porsche Automobil Holding SE	Call	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y5A	DE000HV1Y5A5	Porsche Automobil Holding SE	Call	0,1	75	19.12.2018	28.12.2018	Closing Price
HV1Y5B	DE000HV1Y5B3	Porsche Automobil Holding SE	Put	0,1	70	19.09.2018	26.09.2018	Closing Price
HV1Y5D	DE000HV1Y5D9	Porsche Automobil Holding SE	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y5C	DE000HV1Y5C1	Porsche Automobil Holding SE	Put	0,1	75	19.12.2018	28.12.2018	Closing Price
HV1Y5E	DE000HV1Y5E7	Publicis Groupe S.A.	Call	0,1	55	19.09.2018	26.09.2018	Closing Price
HV1Y5F	DE000HV1Y5F4	Publicis Groupe S.A.	Call	0,1	50	19.12.2018	28.12.2018	Closing Price
HV1Y5H	DE000HV1Y5H0	Publicis Groupe S.A.	Put	0,1	55	19.09.2018	26.09.2018	Closing Price
HV1Y5J	DE000HV1Y5J6	Publicis Groupe S.A.	Put	0,1	50	19.09.2018	26.09.2018	Closing Price
HV1Y5K	DE000HV1Y5K4	Publicis Groupe S.A.	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y5G	DE000HV1Y5G2	Publicis Groupe S.A.	Call	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y5L	DE000HV1Y5L2	Publicis Groupe S.A.	Put	0,1	50	19.12.2018	28.12.2018	Closing Price
HV1Y5Z	DE000HV1Y5Z2	Renault S.A.	Call	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1Y60	DE000HV1Y609	Renault S.A.	Call	0,1	105	19.12.2018	28.12.2018	Closing Price
HV1Y61	DE000HV1Y617	Renault S.A.	Call	0,1	112	19.12.2018	28.12.2018	Closing Price
HV1Y63	DE000HV1Y633	Renault S.A.	Put	0,1	105	19.09.2018	26.09.2018	Closing Price
HV1Y64	DE000HV1Y641	Renault S.A.	Put	0,1	105	19.12.2018	28.12.2018	Closing Price

HV1Y65	DE000HV1Y658	Renault S.A.	Put	0,1	98	19.12.2018	28.12.2018	Closing Price
HV1Y5Y	DE000HV1Y5Y5	Renault S.A.	Call	0,1	105	13.06.2018	20.06.2018	Closing Price
HV1Y62	DE000HV1Y625	Renault S.A.	Put	0,1	100	13.06.2018	20.06.2018	Closing Price
HV1Y67	DE000HV1Y674	Safran S.A.	Put	0,1	84	19.09.2018	26.09.2018	Closing Price
HV1Y66	DE000HV1Y666	Safran S.A.	Call	0,1	84	19.09.2018	26.09.2018	Closing Price
HV1Y68	DE000HV1Y682	Sanofi S.A.	Call	0,1	63	19.12.2018	28.12.2018	Closing Price
HV1Y69	DE000HV1Y690	Sanofi S.A.	Call	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y6B	DE000HV1Y6B1	Sanofi S.A.	Put	0,1	56	19.12.2018	28.12.2018	Closing Price
HV1Y6A	DE000HV1Y6A3	Sanofi S.A.	Put	0,1	63	19.12.2018	28.12.2018	Closing Price
HV1Y6C	DE000HV1Y6C9	Schneider Electric SA	Call	0,1	70	19.09.2018	26.09.2018	Closing Price
HV1Y6D	DE000HV1Y6D7	Schneider Electric SA	Call	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y6F	DE000HV1Y6F2	Schneider Electric SA	Put	0,1	70	19.09.2018	26.09.2018	Closing Price
HV1Y6G	DE000HV1Y6G0	Schneider Electric SA	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y6H	DE000HV1Y6H8	Schneider Electric SA	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y6E	DE000HV1Y6E5	Schneider Electric SA	Call	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y6Y	DE000HV1Y6Y3	Siemens AG	Call	0,1	100	19.09.2018	26.09.2018	Closing Price
HV1Y6Z	DE000HV1Y6Z0	Siemens AG	Call	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1Y70	DE000HV1Y708	Siemens AG	Call	0,1	105	19.12.2018	28.12.2018	Closing Price
HV1Y71	DE000HV1Y716	Siemens AG	Call	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y72	DE000HV1Y724	Siemens AG	Put	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1Y73	DE000HV1Y732	Siemens AG	Put	0,1	105	19.12.2018	28.12.2018	Closing Price
HV1Y74	DE000HV1Y740	Siemens AG	Put	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y1W	DE000HV1Y1W8	Sodexo	Call	0,1	80	19.09.2018	26.09.2018	Closing Price
HV1Y1X	DE000HV1Y1X6	Sodexo	Call	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1Y1Y	DE000HV1Y1Y4	Sodexo	Call	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y1Z	DE000HV1Y1Z1	Sodexo	Call	0,1	90	19.12.2018	28.12.2018	Closing Price

HV1Y20	DE000HV1Y203	Sodexo	Put	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1Y21	DE000HV1Y211	Sodexo	Put	0,1	80	19.09.2018	26.09.2018	Closing Price
HV1Y22	DE000HV1Y229	Sodexo	Put	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y23	DE000HV1Y237	Sodexo	Put	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y76	DE000HV1Y765	Solvay S.A.	Call	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y77	DE000HV1Y773	Solvay S.A.	Call	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y78	DE000HV1Y781	Solvay S.A.	Put	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1Y79	DE000HV1Y799	Solvay S.A.	Put	0,1	120	19.12.2018	28.12.2018	Closing Price
HV1Y7A	DE000HV1Y7A1	Solvay S.A.	Put	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y7B	DE000HV1Y7B9	Solvay S.A.	Put	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y75	DE000HV1Y757	Solvay S.A.	Call	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1Y28	DE000HV1Y286	TechnipFMC plc	Call	0,1	25	19.12.2018	28.12.2018	Closing Price
HV1Y29	DE000HV1Y294	TechnipFMC plc	Call	0,1	30	19.12.2018	28.12.2018	Closing Price
HV1Y2A	DE000HV1Y2A2	TechnipFMC plc	Put	0,1	25	19.12.2018	28.12.2018	Closing Price
HV1Y2B	DE000HV1Y2B0	TechnipFMC plc	Put	0,1	20	19.12.2018	28.12.2018	Closing Price
HV1Y7K	DE000HV1Y7K0	Telecom Italia S.p.A.	Put	1	0,8	19.09.2018	26.09.2018	Prezzo di Riferimento
HV1Y7C	DE000HV1Y7C7	Thales S.A.	Call	0,1	110	19.09.2018	26.09.2018	Closing Price
HV1Y7D	DE000HV1Y7D5	Thales S.A.	Call	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y7E	DE000HV1Y7E3	Thales S.A.	Call	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y7G	DE000HV1Y7G8	Thales S.A.	Put	0,1	90	19.09.2018	26.09.2018	Closing Price
HV1Y7H	DE000HV1Y7H6	Thales S.A.	Put	0,1	100	19.12.2018	28.12.2018	Closing Price
HV1Y7J	DE000HV1Y7J2	Thales S.A.	Put	0,1	90	19.12.2018	28.12.2018	Closing Price
HV1Y7F	DE000HV1Y7F0	Thales S.A.	Call	0,1	110	19.12.2018	28.12.2018	Closing Price
HV1Y7L	DE000HV1Y7L8	UBISOFT Entertainment S.A.	Call	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y7M	DE000HV1Y7M6	UBISOFT Entertainment S.A.	Call	0,1	80	19.12.2018	28.12.2018	Closing Price

HV1Y7P	DE000HV1Y7P9	UBISOFT Entertainment S.A.	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y7Q	DE000HV1Y7Q7	UBISOFT Entertainment S.A.	Put	0,1	60	19.12.2018	28.12.2018	Closing Price
HV1Y7N	DE000HV1Y7N4	UBISOFT Entertainment S.A.	Put	0,1	80	19.12.2018	28.12.2018	Closing Price
HV1Y7R	DE000HV1Y7R5	Unibail-Rodamco SE	Call	0,1	180	13.06.2018	20.06.2018	Closing Price
HV1Y7S	DE000HV1Y7S3	Unibail-Rodamco SE	Put	0,1	160	19.09.2018	26.09.2018	Closing Price
HV1Y88	DE000HV1Y880	Valeo S.A.	Call	0,1	49	19.12.2018	28.12.2018	Closing Price
HV1Y89	DE000HV1Y898	Valeo S.A.	Call	0,1	56	19.12.2018	28.12.2018	Closing Price
HV1Y8A	DE000HV1Y8A9	Valeo S.A.	Call	0,1	63	19.12.2018	28.12.2018	Closing Price
HV1Y8B	DE000HV1Y8B7	Valeo S.A.	Put	0,1	56	19.12.2018	28.12.2018	Closing Price
HV1Y8C	DE000HV1Y8C5	Valeo S.A.	Put	0,1	49	19.12.2018	28.12.2018	Closing Price
HV1Y85	DE000HV1Y856	Vallourec S.A.	Call	1	6	19.12.2018	28.12.2018	Closing Price
HV1Y86	DE000HV1Y864	Vallourec S.A.	Put	1	6	19.12.2018	28.12.2018	Closing Price
HV1Y87	DE000HV1Y872	Vallourec S.A.	Put	1	3	19.12.2018	28.12.2018	Closing Price
HV1Y84	DE000HV1Y849	Vallourec S.A.	Call	1	3	19.12.2018	28.12.2018	Closing Price
HV1Y7T	DE000HV1Y7T1	Veolia Environnement SA	Call	1	18	19.09.2018	26.09.2018	Closing Price
HV1Y7U	DE000HV1Y7U9	Veolia Environnement SA	Call	1	18	19.12.2018	28.12.2018	Closing Price
HV1Y7V	DE000HV1Y7V7	Veolia Environnement SA	Call	1	21	19.12.2018	28.12.2018	Closing Price
HV1Y7X	DE000HV1Y7X3	Veolia Environnement SA	Put	1	21	19.12.2018	28.12.2018	Closing Price
HV1Y7Y	DE000HV1Y7Y1	Veolia Environnement SA	Put	1	18	19.12.2018	28.12.2018	Closing Price
HV1Y7W	DE000HV1Y7W5	Veolia Environnement SA	Put	1	18	19.09.2018	26.09.2018	Closing Price
HV1Y6K	DE000HV1Y6K2	Vinci S.A.	Call	0,1	77	19.12.2018	28.12.2018	Closing Price
HV1Y6L	DE000HV1Y6L0	Vinci S.A.	Call	0,1	84	19.12.2018	28.12.2018	Closing Price
HV1Y6M	DE000HV1Y6M8	Vinci S.A.	Put	0,1	72	19.09.2018	26.09.2018	Closing Price

HV1Y6N	DE000HV1Y6N6	Vinci S.A.	Put	0,1	84	19.12.2018	28.12.2018	Closing Price
HV1Y6P	DE000HV1Y6P1	Vinci S.A.	Put	0,1	77	19.12.2018	28.12.2018	Closing Price
HV1Y6Q	DE000HV1Y6Q9	Vinci S.A.	Put	0,1	70	19.12.2018	28.12.2018	Closing Price
HV1Y6J	DE000HV1Y6J4	Vinci S.A.	Call	0,1	75	19.09.2018	26.09.2018	Closing Price
HV1Y7Z	DE000HV1Y7Z8	Vivendi S.A.	Call	1	24	19.09.2018	26.09.2018	Closing Price
HV1Y81	DE000HV1Y815	Vivendi S.A.	Call	1	25	19.12.2018	28.12.2018	Closing Price
HV1Y82	DE000HV1Y823	Vivendi S.A.	Put	1	18	19.09.2018	26.09.2018	Closing Price
HV1Y83	DE000HV1Y831	Vivendi S.A.	Put	1	20	19.12.2018	28.12.2018	Closing Price
HV1Y80	DE000HV1Y807	Vivendi S.A.	Call	1	20	19.12.2018	28.12.2018	Closing Price
HV1Y8D	DE000HV1Y8D3	Volkswagen AG (Vorzugsaktien)	Call	1	160	19.09.2018	26.09.2018	Closing Price
HV1Y8E	DE000HV1Y8E1	Volkswagen AG (Vorzugsaktien)	Call	0,1	150	19.12.2018	28.12.2018	Closing Price
HV1Y8F	DE000HV1Y8F8	Volkswagen AG (Vorzugsaktien)	Call	0,1	175	19.12.2018	28.12.2018	Closing Price
HV1Y8G	DE000HV1Y8G6	Volkswagen AG (Vorzugsaktien)	Put	0,1	175	19.12.2018	28.12.2018	Closing Price
HV1Y8H	DE000HV1Y8H4	Volkswagen AG (Vorzugsaktien)	Put	0,1	150	19.12.2018	28.12.2018	Closing Price

§ 2

Underlying Data

Underlying	Underlying Currency	WKN	ISIN	Reuters	Bloomberg	Relevant Exchange	Website
Accor SA	EUR	860206	FR0000120404	ACCP.PA	AC FP Equity	Euronext® Paris	www.euronext.com
Air France-KLM S.A.	EUR	855111	FR0000031122	AIRF.PA	AF FP Equity	Euronext® Amsterdam	www.euronext.com
Air Liquide S.A.	EUR	850133	FR0000120073	AIRP.PA	AI FP Equity	Euronext® Paris	www.euronext.com
Airbus Group SE	EUR	938914	NL0000235190	AIR.PA	AIR FP Equity	Euronext® Paris	www.euronext.com

Allianz SE	EUR	840400	DE0008404005	ALVG.DE	ALV GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutscheboerse.com
Alstom S.A.	EUR	A0F7BK	FR0010220475	ALSO.PA	ALO FP Equity	Euronext® Paris	www.euronext.com
ArcelorMittal S.A.	EUR	A2DRTZ	LU1598757687	MT.AS	MT NA Equity	Euronext® Amsterdam	www.euronext.com
Atos SE	EUR	877757	FR0000051732	ATOS.PA	ATO FP Equity	Euronext® Paris	www.euronext.com
AXA S.A.	EUR	855705	FR0000120628	AXAF.PA	CS FP Equity	Euronext® Paris	www.euronext.com
Bayer AG	EUR	BAY001	DE000BAY0017	BAYGn.DE	BAYN GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutscheboerse.com
Bayerische Motoren Werke AG	EUR	519000	DE0005190003	BMWG.DE	BMW GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutscheboerse.com
BNP Paribas S.A.	EUR	887771	FR0000131104	BNPP.PA	BNP FP Equity	Euronext® Paris	www.euronext.com
Capgemini SE	EUR	869858	FR0000125338	CAPP.PA	CAP FP Equity	Euronext® Paris	www.euronext.com
Carrefour S.A.	EUR	852362	FR0000120172	CARR.PA	CA FP Equity	Euronext® Paris	www.euronext.com
Casino Guichard Perrachon SA	EUR	853152	FR0000125585	CASP.PA	CO FP Equity	Euronext® Paris	www.euronext.com
Compagnie de Saint-Gobain S.A.	EUR	872087	FR0000125007	SGOB.PA	SGO FP Equity	Euronext® Paris	www.euronext.com
Compagnie Generale des Etablissements Michelin SCA	EUR	850739	FR0000121261	MICP.PA	ML FP Equity	Euronext® Paris	www.euronext.com
Continental AG	EUR	543900	DE0005439004	CONG.DE	CON GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutscheboerse.com
Credit Agricole S.A.	EUR	982285	FR0000045072	CAGR.PA	ACA FP Equity	Euronext® Paris	www.euronext.com
Daimler AG	EUR	710000	DE0007100000	DAIGn.DE	DAI GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutscheboerse.com
Danone S.A.	EUR	851194	FR0000120644	DANO.PA	BN FP Equity	Euronext® Paris	www.euronext.com

Deutsche Bank AG	EUR	514000	DE0005140008	DBKGn.DE	DBK GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutsche-boerse.com
Deutsche Telekom AG	EUR	555750	DE0005557508	DTEGn.DE	DTE GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutsche-boerse.com
Electricité de France S.A. (E.D.F.)	EUR	A0HG6A	FR0010242511	EDF.PA	EDF FP Equity	Euronext® Paris	www.euronext.com
Enel S.p.A.	EUR	928624	IT0003128367	ENEL.MI	ENEL IM Equity	Borsa Italiana (Electronic Share Market)	www.borsaitaliana.it
ENI S.p.A.	EUR	897791	IT0003132476	ENI.MI	ENI IM Equity	Borsa Italiana (Electronic Share Market)	www.borsaitaliana.it
Essilor International S.A.	EUR	863195	FR0000121667	ESSI.PA	EI FP Equity	Euronext® Paris	www.euronext.com
Ferrari N.V.	EUR	A2ACKK	NL0011585146	RACE.MI	RACE IM Equity	Borsa Italiana (Electronic Share Market)	www.borsaitaliana.it
Fiat Chrysler Automobiles N.V.	EUR	A12CBU	NL0010877643	FCHA.MI	FCA IM Equity	Borsa Italiana (Electronic Share Market)	www.borsaitaliana.it
Iliad SA	EUR	A0BLZB	FR0004035913	ILD.PA	ILD FP Equity	Euronext® Paris	www.euronext.com
Ingenico Group S.A.	EUR	870752	FR0000125346	INGC.PA	ING FP Equity	Euronext® Paris	www.euronext.com
Intesa Sanpaolo S.p.A.	EUR	850605	IT0000072618	ISP.MI	ISP IM Equity	Borsa Italiana (Electronic Share Market)	www.borsaitaliana.it
Kering	EUR	851223	FR0000121485	P RTP.PA	KER FP Equity	Euronext® Paris	www.euronext.com
LafargeHolcim Ltd	EUR	869898	CH0012214059	LHN.PA	LHN FP Equity	Euronext® Paris	www.euronext.com
Lagardere SCA	EUR	866786	FR0000130213	LAGA.PA	MMB FP Equity	Euronext® Paris	www.euronext.com
Legrand S.A.	EUR	A0JKB2	FR0010307819	LEGD.PA	LR FP Equity	Euronext® Paris	www.euronext.com
L'OREAL S.A.	EUR	853888	FR0000120321	OREP.PA	OR FP Equity	Euronext® Paris	www.euronext.com

LVMH Moët Hennessy - Louis Vuitton SE	EUR	853292	FR0000121014	LVMH.PA	MC FP Equity	Euronext® Paris	www.euronext.com
MEDIASET S.p.A.	EUR	901402	IT0001063210	MS.MI	MS IM Equity	Borsa Italiana (Electronic Share Market)	www.borsaitaliana.it
MorphoSys AG	EUR	663200	DE0006632003	MORG.DE	MOR GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutsche- boerse.com
Natixis SA	EUR	853760	FR0000120685	CNAT.PA	KN FP Equity	Euronext® Paris	www.euronext.com
Nokia OYJ	EUR	870737	FI0009000681	NOKIA.HE	NOKIA FH Equity	NASDAQ OMX Helsinki	www.nasdaqomxnor- dic.com
Orange S.A.	EUR	906849	FR0000133308	ORAN.PA	ORA FP Equity	Euronext® Paris	www.euronext.com
Pernod Ricard S.A.	EUR	853373	FR0000120693	PERP.PA	RI FP Equity	Euronext® Paris	www.euronext.com
Peugeot S.A.	EUR	852363	FR0000121501	PEUP.PA	UG FP Equity	Euronext® Paris	www.euronext.com
Porsche Automobil Holding SE	EUR	PAH003	DE000PAH0038	PSHG_p.DE	PAH3 GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutsche- boerse.com
Publicis Groupe S.A.	EUR	859386	FR0000130577	PUBP.PA	PUB FP Equity	Euronext® Paris	www.euronext.com
Renault S.A.	EUR	893113	FR0000131906	RENA.PA	RNO FP Equity	Euronext® Paris	www.euronext.com
Safran S.A.	EUR	924781	FR0000073272	SAF.PA	SAF FP Equity	Euronext® Paris	www.euronext.com
Sanofi S.A.	EUR	920657	FR0000120578	SASY.PA	SAN FP Equity	Euronext® Paris	www.euronext.com
Schneider Electric SA	EUR	860180	FR0000121972	SCHN.PA	SU FP Equity	Euronext® Paris	www.euronext.com
Siemens AG	EUR	723610	DE0007236101	SIEGn.DE	SIE GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutsche- boerse.com
Sodexo	EUR	870935	FR0000121220	EXHO.PA	SW FP Equity	Euronext® Paris	www.euronext.com
Solvay S.A.	EUR	856200	BE0003470755	SOLB.BR	SOLB BB Equity	Euronext® Brussel	www.euronext.com
TechnipFMC plc	EUR	A2DJQK	GB00BDSFG982	FTI.PA	FTI FP Equity	Euronext® Paris	www.euronext.com
Telecom Italia S.p.A.	EUR	120470	IT0003497168	TLIT.MI	TIT IM Equity	Borsa Italiana (Electronic Share	www.borsaitaliana.it

						Market)	
Thales S.A.	EUR	850842	FR0000121329	TCFP.PA	HO FP Equity	Euronext® Paris	www.euronext.com
UBISOFT Entertainment S.A.	EUR	901581	FR0000054470	UBIP.PA	UBI FP Equity	Euronext® Paris	www.euronext.com
Unibail-Rodamco SE	EUR	863733	FR0000124711	UNBP.AS	UL NA Equity	Euronext® Paris	www.euronext.com
Valeo S.A.	EUR	A2ALDB	FR0013176526	VLOF.PA	FR FP Equity	Euronext® Paris	www.euronext.com
Vallourec S.A.	EUR	852809	FR0000120354	VLLP.PA	VK FP Equity	Euronext® Paris	www.euronext.com
Veolia Environnement SA	EUR	501451	FR0000124141	VIE.PA	VIE FP Equity	Euronext® Paris	www.euronext.com
Vinci S.A.	EUR	867475	FR0000125486	SGEF.PA	DG FP Equity	Euronext® Paris	www.euronext.com
Vivendi S.A.	EUR	591068	FR0000127771	VIV.PA	VIV FP Equity	Euronext® Paris	www.euronext.com
Volkswagen AG (Vorzugsaktien)	EUR	766403	DE0007664039	VOWG_p.DE	VOW3 GY Equity	Frankfurter Wertpapierbörse (Xetra®)	www.deutsche- boerse.com

For further information about the past and future performance of the Underlying and its volatility, please refer to the Website as specified in the table.

PART C – SPECIAL CONDITIONS OF THE SECURITIES

(the "**Special Conditions**")

§ 1

Definitions

"Adjustment Event" means each of the following events:

- (a) each measure taken by the company that has issued the Underlying or by a third party, which would -due to a change in the legal and economic position, in particular a change in the company's fixed assets and capital, affect the Underlying (in particular capital increase against cash contribution, issuance of Securities with options or conversion rights into shares, capital increase with company funds, distribution of special dividends, share splits, merger, liquidation, nationalisation); whether this is the case shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB);
- (b) an early termination performed by the Determining Futures Exchange of the there traded derivatives linked to the Underlying;
- (c) an adjustment performed by the Determining Futures Exchange of the there traded Derivatives of the Underlying;
- (d) a Hedging Disruption occurs;
- (e) any event which is economically equivalent to one of the above-mentioned events with regard to its consequences on the Underlying;

whether this is the case shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB).

"Banking Day" means each day (other than a Saturday or Sunday) on which the Clearing System and the Trans-European Automated Real-time Gross settlement Express Transfer-System (TARGET2) (the "**TARGET2**") is open for business.

"Calculation Agent" means the Calculation Agent as specified in § 2 (2) of the General Conditions.

"Calculation Date" means each day on which the Underlying is traded on the Relevant Exchange.

"Call Event" means Share Call Event.

"Change in Law" means that due to

- (a) the coming into effect of changes in laws or regulations (including but not limited to tax laws or capital market provisions) or
- (b) a change in relevant case law or administrative practice (including the administrative practice of the tax or financial supervisory authorities),

if such changes become effective on or after the First Trade Date,

the holding, acquisition or sale of the Underlying or assets that are needed in order to hedge price risks or other risks with respect to its obligations under the Securities is or becomes wholly or partially illegal for the Issuer.

The Issuer determines in its reasonable discretion (§ 315 et seq. BGB) whether this is the case.

"Clearance System" means the principal domestic clearance system customarily used for settling trades with respect to the Underlying as determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB).

"Clearance System Business Day" means, with respect to the Clearance System, any day (other than a Saturday or Sunday) on which such Clearance System is open for the acceptance and execution of settlement instructions.

"Clearing System" means Euroclear France SA ("**Euroclear France**").

"Determining Futures Exchange" means the option and/or futures exchange, on which respective derivatives of the Underlying (the "**Derivatives**") are mostly liquidly traded, such options and/or futures exchange shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB) by way of notice pursuant to § 6 of the General Conditions.

In the case of a material change in the market conditions at the Determining Futures Exchange, such as a final discontinuation of derivatives' quotation linked to the Underlying at the Determining Futures Exchange or a considerably restricted number or liquidity, it shall be substituted as the Determining Futures Exchange by another options and/or futures exchange that offers satisfactorily liquid trading in the Derivatives (the "**Substitute Futures Exchange**"); such options and/or futures exchange shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB). In the event of such a substitution, any reference in the Terms and Conditions of these Securities to the Determining Futures Exchange shall be deemed to refer to the Substitute Futures Exchange.

"Differential Amount" means the Differential Amount as calculated or, respectively, specified by the Calculation Agent pursuant to § 4 of the Special Conditions.

"Exercise Right" means the Exercise Right as specified in § 3 (1) of the Special Conditions.

"Final Payment Date" means the "Final Payment Date" as specified in § 1 of the Product and Underlying Data.

"Final Valuation Date" means the Final Valuation Date as specified in § 1 of the Product and Underlying Data. If the Final Valuation Date is not a Calculation Date the immediately following Banking Day which is a Calculation Date shall be the Final Valuation Date.

"First Trade Date" means the First Trade Date as specified in § 1 of the Product and Underlying Data.

"Hedging Disruption" means that the Issuer is not able to

(a) close, continue or carry out transactions or acquire, exchange, hold or sell assets (respectively) which are needed in order to hedge price risks or other risks with regard to its obligations under the Securities; whether this is the case shall be determined by the Issuer in its reasonable discretion (§ 315 et seq. BGB); or

(b) realise, reclaim or pass on proceeds from such transactions or assets,

under conditions which are economically substantially equivalent to those on the First Trade Date of the Securities.

"Issue Date" means the Issue Date as specified in § 1 of the Product and Underlying Data.

"Market Disruption Event" means each of the following events:

(a) the failure of the Relevant Exchange to open for trading during its regular trading sessions;

(b) the suspension or restriction of trading in the Underlying on the Relevant Exchange;

(c) in general the suspension or restriction of trading in a Derivative of the Underlying on the Determining Futures Exchange;

to the extent that such Market Disruption Event occurs in the last hour prior to the normal calculation of the Reference Price, which is relevant for the Securities and continues at the

point of time of the normal calculation occurs in the last hour prior to the normal calculation of the Reference Price, which is relevant for the Securities and continues at the point of time of the normal calculation and is material; whether this is the case shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB). Any restriction of the trading hours or the number of days on which trading takes place on the Relevant Exchange or, as the case may be, the Determining Futures Exchange, shall not constitute a Market Disruption Event provided that the restriction occurs due to a previously announced change in the rules of the Relevant Exchange or, as the case may be, the Determining Futures Exchange.

"Minimum Amount" means the Minimum Amount as specified in § 1 of the Product and Underlying Data.

"Principal Paying Agent" means the Principal Paying Agent as specified in § 2 (1) of the General Conditions.

"Ratio" means the Ratio as specified in § 1 of the Product and Underlying Data.

"Reference Price" means the Reference Price of the Underlying as specified in § 1 of the Product and Underlying Data.

"Relevant Exchange" means the Relevant Exchange as specified in § 2 of the Product and Underlying Data.

In the case of a material change in the market conditions at the Relevant Exchange, such as a final discontinuation of the quotation of the Underlying at the Relevant Exchange and the quotation at a different stock exchange or a considerably restricted number or liquidity, the Relevant Exchange shall be substituted as the Relevant Exchange by another exchange that offers satisfactorily liquid trading in the Underlying (the **"Substitute Exchange"**); such exchange shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB). In this case, any reference to the Relevant Exchange in the Terms and Conditions of these Securities shall be deemed to refer to the Substitute Exchange.

"Relevant Reference Price" means the Reference Price on the Final Valuation Date.

"Security Holder" means the holder of a Security.

"Settlement Cycle" means the period of Clearance System Business Days following a transaction on the Relevant Exchange in the Underlying, during which period settlement will customarily occur according to the rules of such Relevant Exchange.

"Share Call Event" means each of the following events:

- (a) the quotation of the Underlying at the Relevant Exchange is finally ceased and no Substitute Relevant Exchange could be determined; whether this is the case shall be determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB);
- (b) the quotation of the Underlying at the Relevant Exchange no longer occurs in the Underlying Currency;
- (c) a Change in Law occurs.

"Specified Currency" means the Specified Currency as specified in § 1 of the Product and Underlying Data.

"Strike" means the Strike as specified in § 1 of the Product and Underlying Data.

"Terms and Conditions" means the terms and conditions of these Securities as set out in the General Conditions (Part A), the Product and Underlying Data (Part B) and the Special Conditions (Part C).

"Underlying" means the Underlying as specified in § 1 of the Product and Underlying Data.

"Underlying Currency" means the Underlying Currency as specified in § 2 of the Product and Underlying Data.

"Valuation Date" means the Final Valuation Date.

"Website for Notices" means the Website for Notices as specified in § 1 of the Product and Underlying Data.

"Website of the Issuer" means the Website of the Issuer as specified in § 1 of the Product and Underlying Data.

§ 2

Interest

The Securities do not bear interest.

§ 3

Exercise Right, Exercise, Payment

- (1) *Exercise Right:* The Security Holder shall be entitled, according to the Terms and Conditions of these Securities, to demand for each Security the payment of the Differential Amount from the Issuer.
- (2) *Exercise:* The Exercise Right will be automatically exercised on the Final Valuation Date.
- (3) *Payment:* The Differential Amount will be paid on the Final Payment Date pursuant to the provisions of § 6 of the Special Conditions.

§ 4

Differential Amount

- (1) *Differential Amount:* The Differential Amount per Security equals an amount in the Specified Currency, which will be calculated or, respectively, specified by the Calculation Agent as follows:

In the case of Securities, for which "Call" is specified in § 1 of the Product and Underlying Data:

Differential Amount = (Relevant Reference Price - Strike) x Ratio

However, the Differential Amount is not lower than the Minimum Amount.

In the case of Securities, for which "Put" is specified in § 1 of the Product and Underlying Data:

Differential Amount = (Strike - Relevant Reference Price) x Ratio

However, the Differential Amount is not lower than the Minimum Amount.

- (2) When calculating or, respectively, determining the Differential Amount, no fees, commissions or other costs charged by the Issuer or a third party authorised by the Issuer, will be taken into account.

§ 5

Issuer's Extraordinary Call Right

Issuer's Extraordinary Call Right: Upon the occurrence of a Call Event the Issuer may call the Securities extraordinarily by giving notice pursuant to § 6 of the General Conditions and redeem the Securities at their Cancellation Amount. Such call shall become effective at the time indicated in the notice. The application of §§ 313, 314 BGB remains reserved.

The "**Cancellation Amount**" shall be the fair market value of the Securities as of the tenth Banking Day before the extraordinary call becomes effective, determined by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB).

The Cancellation Amount will be paid within five Banking Days following the date as of which the extraordinary call becomes effective, or at the date specified in the above mentioned notice, as the case may be, pursuant to the provisions of § 6 of the Special Conditions.

§ 6

Payments

- (1) *Rounding:* The amounts payable under these Terms and Conditions shall be rounded up or down to the nearest EUR 0.01, with EUR 0.005 being rounded upwards. However, at least the Minimum Amount shall be paid.
- (2) *Business day convention:* If the due date for any payment under the Securities (the "**Payment Date**") is not a Banking Day then the Security Holders shall not be entitled to payment until the next following Banking Day. The Security Holders shall not be entitled to further interest or other payments in respect of such delay.
- (3) *Manner of payment, discharge:* All payments shall be made to the Principal Paying Agent. The Principal Paying Agent shall pay the amounts due to the Clearing System to be credited to the respective accounts of the depository banks and to be transferred to the Security Holders. The payment to the Clearing System shall discharge the Issuer from its obligations under the Securities in the amount of such a payment.
- (4) *Interest of default:* If the Issuer fails to make payments under the Securities when due, the amount due shall bear interest on the basis of the default interest rate established by law. Such accrual of interest starts on the day following the due date of that payment (including) and ends on the effective date of the payment (including).

§ 7

Market Disruptions

- (1) *Postponement:* Notwithstanding the provisions of § 8 of the Special Conditions, if a Market Disruption Event occurs on a Valuation Date, the respective Valuation Date will be postponed to the next following Calculation Date on which the Market Disruption Event no longer exists.
Any Payment Date relating to such Valuation Date shall be postponed if applicable. Interest shall not be payable due to such postponement.
- (2) *Discretionary valuation:* Should the Market Disruption Event continue for more than 30 consecutive Banking Days the Calculation Agent shall determine in its reasonable discretion (§ 315 et seq. BGB) the respective Reference Price required for the calculations or, respectively, specifications described in the Terms and Conditions of these Securities. Such Reference Price shall be determined in accordance with prevailing market conditions at 10:00 a.m. (Munich local time) on the 31st Banking Day taking into account the economic position of the Security Holders.

If within these 30 Banking Days traded Derivatives of the Underlying expire and are settled on the Determining Futures Exchange, the settlement price established by the Determining Futures Exchange for the there traded Derivatives will be taken into account in order to conduct the calculations or, respectively, specifications described in the Terms and Conditions of these Securities. In that case, the expiration date for those Derivatives is the relevant Valuation Date.

§ 8

Adjustments, Replacement Specification

- (1) *Adjustments:* Upon the occurrence of an Adjustment Event the Terms and Conditions of these Securities (in particular the Underlying, the Ratio and/or all prices of the Underlying,

which have been specified by the Calculation Agent) and/or all prices of the Underlying determined by the Calculation Agent on the basis of the Terms and Conditions of these Securities shall be adjusted in such a way that the economic position of the Security Holders remains unchanged to the greatest extent possible. such adjustments shall be made by the Calculation Agent in its reasonable discretion (§ 315 et seq. BGB). Any such adjustment will be performed taking into consideration any adjustments made by the Determining Futures Exchange to the there traded Derivatives linked to the Underlying, and the remaining term of the Securities as well as the latest available price of the Underlying. If the Calculation Agent determines that, pursuant to the rules of the Determining Futures Exchange, no adjustments were made to the Derivatives linked to the Underlying, the Terms and Conditions of these Securities regularly remain unchanged. The exercised adjustments and the date of the first application shall be notified according to § 6 of the General Conditions.

- (2) *Replacement Specification:* If a price of the Underlying published by the Relevant Exchange pursuant to the Terms and Conditions of these Securities will subsequently be corrected and the correction (the "**Corrected Value**") will be published by the Relevant Exchange after the original publication, but still within one Settlement Cycle, then the Calculation Agent will notify the Issuer of the Corrected Value without undue delay and shall again specify and publish the respective value by using the Corrected Value (the "**Replacement Specification**") pursuant to § 6 of the General Conditions.
- (3) The application of §§ 313, 314 BGB remains reserved.

UniCredit Bank AG

SUMMARY

Summaries are made up of disclosure requirements known as "Elements". These Elements are numbered in sections A – E (A.1 – E.7).

This Summary contains all the Elements required to be included in a summary for this type of securities and issuer. Because some Elements are not required to be addressed, there may be gaps in the numbering sequence of the Elements.

Even though an Element may be required to be inserted in the Summary because of the type of securities and issuer, it is possible that no relevant information can be given regarding the Element. In this case a short description of the Element is included in the Summary with the specification of 'Not applicable'.

A. INTRODUCTION AND WARNINGS

A.1	Warning	<p>This Summary should be read as an introduction to the Base Prospectus.</p> <p>The investor should base any decision to invest in the relevant Securities on consideration of the Base Prospectus as a whole.</p> <p>Where a claim relating to the information contained in this Base Prospectus is brought before a court, the plaintiff investor might, under the national legislation of the Member States, have to bear the costs of translating the Base Prospectus before the legal proceedings are initiated.</p> <p>UniCredit Bank AG ("UniCredit Bank", the "Issuer" or "HVB"), Arabellastraße 12, 81925 Munich, which in its capacity as Issuer assumes liability for the Summary including any translation thereof, as well as any person which has tabled it, may be held liable, but only if the Summary is misleading, inaccurate or inconsistent when read together with the other parts of the Base Prospectus, or it does not provide, when read together with the other parts of the Base Prospectus, all necessary key information.</p>
A.2	Consent to the use of the base prospectus	<p>Subject to the following paragraphs, the Issuer gives its general consent to the use of the Base Prospectus during the Offer Period for subsequent resale or final placement of the Securities by financial intermediaries.</p>
	Indication of the offer period	<p>Resale or final placement of the Securities by financial intermediaries can be made and consent to use the Base Prospectus is given during the period of the validity of the Base Prospectus.</p>
	Other conditions attached to the consent	<p>The Issuer's consent to the use of the Base Prospectus is subject to the condition that each financial intermediary complies with the applicable selling restrictions as well as the terms and conditions of the offer.</p> <p>Moreover, the Issuer's consent to the use of the Base Prospectus is subject to the condition that the financial intermediary using the Base Prospectus commits itself towards its customers to a responsible distribution of the Securities. This commitment is made by the publication of the financial intermediary on its website stating that the prospectus is used with the consent of the Issuer and subject to the conditions set forth with the consent.</p>
	Provision of terms and conditions of the offer by financial intermediary	<p>Information on the terms and conditions of the offer by any financial intermediary is to be provided at the time of the offer by the financial intermediary.</p>

B. ISSUER

B.1	Legal and commercial name	UniCredit Bank AG (together with its consolidated subsidiaries, the " HVB Group ") is the legal name. HypoVereinsbank is the commercial name.																																	
B.2	Domicile / Legal form / Legislation / Country of incorporation	UniCredit Bank has its registered office at Arabellastraße 12, 81925 Munich, was incorporated in Germany and is registered with the Commercial Register at the Local Court (<i>Amtsgericht</i>) in Munich under number HRB 42148, incorporated as a stock corporation under the laws of the Federal Republic of Germany.																																	
B.4b	Known trends affecting the issuer and the industries in which it operates	The performance of HVB Group will also in 2018 depend on the future development on the financial and capital markets, and the real economy as well as on the imponderables related. In this environment, HVB Group reviews its business strategy on a regular as well as on an ad hoc basis and adopts it where necessary.																																	
B.5	Description of the group and the issuer's position within the group	UniCredit Bank is the parent company of HVB Group. HVB Group holds directly and indirectly equity participations in various companies. UniCredit Bank has been an affiliated company of UniCredit S.p.A., Rome (" UniCredit S.p.A. ", and together with its consolidated subsidiaries, " UniCredit ") since November 2005 and hence a major part of UniCredit from that date as a sub-group. UniCredit S.p.A. holds directly 100% of UniCredit Bank's share capital.																																	
B.9	Profit forecast or estimate	Not applicable; profit forecasts or estimates are not prepared by the Issuer.																																	
B.10	Nature of any qualifications in the audit report on historical financial information	Not applicable; Deloitte GmbH Wirtschaftsprüfungsgesellschaft, the independent auditor (<i>Wirtschaftsprüfer</i>) of UniCredit Bank, has audited the consolidated financial statements (<i>Konzernabschluss</i>) of HVB Group for the financial year ended 31 December 2015 and for the financial year ended 31 December 2016 and the unconsolidated financial statement (<i>Einzelabschluss</i>) of UniCredit Bank for the financial year ended 31 December 2016 and has in each case issued an unqualified audit opinion thereon.																																	
B.12	Selected historical key financial information	<p>Consolidated Financial Highlights as of 31 December 2016</p> <table border="1"> <thead> <tr> <th>Key performance indicators</th> <th>1/1/2016 – 31/12/2016*</th> <th>1/1/2015 – 31/12/2015†</th> </tr> </thead> <tbody> <tr> <td>Net operating profit¹⁾</td> <td>€1,096m</td> <td>€983m</td> </tr> <tr> <td>Profit before tax</td> <td>€297m</td> <td>€776m</td> </tr> <tr> <td>Consolidated profit</td> <td>€157m</td> <td>€750m</td> </tr> <tr> <td>Earnings per share</td> <td>€0.19</td> <td>€0.93</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Balance sheet figures</th> <th>31/12/2016</th> <th>31/12/2015</th> </tr> <tr> <td>Total assets</td> <td>€302,090m</td> <td>€298,745m</td> </tr> <tr> <td>Shareholders' equity</td> <td>€20,420m</td> <td>€20,766m</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>Key capital ratios</th> <th>31/12/2016</th> <th>31/12/2015</th> </tr> </tbody> </table>	Key performance indicators	1/1/2016 – 31/12/2016*	1/1/2015 – 31/12/2015†	Net operating profit ¹⁾	€1,096m	€983m	Profit before tax	€297m	€776m	Consolidated profit	€157m	€750m	Earnings per share	€0.19	€0.93				Balance sheet figures	31/12/2016	31/12/2015	Total assets	€302,090m	€298,745m	Shareholders' equity	€20,420m	€20,766m				Key capital ratios	31/12/2016	31/12/2015
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Common Equity Tier 1 capital	€16,611m ²⁾	€19,564m ³⁾
Core capital (Tier 1 capital)	€16,611m ²⁾	€19,564m ³⁾
Risk-weighted assets (including equivalents for market risk and operational risk)	€81,575m	€78,057m
Common Equity Tier 1 capital ratio ⁴⁾	20.4% ²⁾	25.1% ³⁾
Core capital ratio (Tier 1 ratio) ⁴⁾	20.4% ²⁾	25.1% ³⁾

* Figures shown in this column are audited and taken from the consolidated financial statements of HVB Group for the financial year ended 31 December 2016.

† Figures shown in this column are audited and taken from the consolidated financial statements of HVB Group for the financial year ended 31 December 2015.

1) Net operating profit results from the P/L line items net interest, dividends and other income from equity investments, net fees and commissions, net trading income, net other expenses/income, operating costs and net write-downs of loans and provisions for guarantees and commitments.

2) in accordance with the consolidated financial statements of HVB Group for the financial year ended 31 December 2016 approved by the Supervisory Board of UniCredit Bank AG.

3) in accordance with the consolidated financial statements of HVB Group for the financial year ended 31 December 2015 approved by the Supervisory Board of UniCredit Bank AG.

4) calculated on the basis of risk-weighted assets, including equivalents for market risk and operational risk.

Consolidated Financial Highlights as of 30 June 2017*

Key performance indicators	1/1/2017 – 30/6/2017	1/1/2016 – 30/6/2016
Net operating profit	€942m	€542m
Profit before tax	€933m	€568m
Consolidated profit	€717m	€371m
Earnings per share (full HVB Group)	€0.89	€0.46
Balance sheet figures	30/6/2017	31/12/2016
Total assets	€294,598m	€302,090m
Shareholders' equity	€18,278m	€20,420m
Key capital ratios	30/6/2017	31/12/2016
Common Equity Tier 1 capital	€16,761m	€16,611m
Core capital (Tier 1 capital)	€16,761m	€16,611m
Risk-weighted assets (including equivalents for market risk and operational risk)	€79,019m	€81,575m
Common Equity Tier 1 capital ratio ¹⁾	21.2%	20.4%

	<p>Statement with regard to no material adverse change in the prospects of the issuer since the date of its last published audited financial statements or a description of any material adverse change</p> <p>Description of significant change in the financial position subsequent to the period covered by the historical financial information</p>	<p>* Figures shown in this table are unaudited and taken from the Issuer's Half-yearly Financial report as of 30 June 2017.</p> <p>¹⁾ Calculated on the basis of risk-weighted assets, including equivalents for market risk and operational risk.</p> <p>There has been no material adverse change in the prospects of HVB Group since 31 December 2016, the date of its last published audited financial statements.</p> <p>There has been no significant change in the financial position of HVB Group which has occurred since 30 June 2017.</p>
B.13	Recent events	Not applicable. There are no recent events particular to UniCredit Bank which are to a material extent relevant to the evaluation of its solvency.
B.14	B.5 plus statement of dependency upon other entities within the group	See B.5 Not applicable. UniCredit Bank is not dependent on any entity within HVB Group.
B.15	Principal activities	UniCredit Bank offers a comprehensive range of banking and financial products and services to private, corporate and public sector customers, international companies and institutional customers. This range extends from mortgage loans, consumer loans, savings-and-loan and insurance products, and banking services for private customers through to business loans and foreign trade financing and investment banking products for corporate customers.

		<p>In the private banking and wealth management customer segments, UniCredit Bank offers comprehensive financial and asset planning with needs-based advisory services by generalists and specialists.</p> <p>HVB Group continues to be the centre of competence for the international markets and investment banking operations of the entire UniCredit. In addition, the Corporate & Investment Banking business segment acts as a product factory for customers in the Commercial Banking business segment.</p>
B.16	Direct or indirect ownership or control	UniCredit S.p.A. holds directly 100% of UniCredit Bank's share capital.

C. SECURITIES

C.1	Type and class of the securities	<p>Call Warrants with European exercise Put Warrants with European exercise</p> <p>The Securities will be issued as non-par value Warrants.</p> <p>The "Warrants" are debt instruments in bearer form (<i>Inhaberschuldverschreibungen</i>) pursuant to Section 793 of the German Civil Code (<i>Bürgerliches Gesetzbuch, BGB</i>).</p> <p>The Securities are represented by a permanent global note without interest coupons.</p> <p>The holders of the Securities (the "Security Holders") are not entitled to receive definitive Securities.</p> <p>The ISIN is specified in the table in the Annex to this summary.</p>
C.2	Currency of the securities issue	The Securities are issued in Euro (" EUR ") (the " Specified Currency ").
C.5	Restrictions of any free transferability of the securities	Not applicable. The Securities are freely transferable.
C.8	Rights attached to the securities, including ranking and limitations to those rights	<p>Governing law of the Securities</p> <p>The Securities, as to form and content, and all rights and obligations of the Issuer and the Security Holder shall be governed by the laws of the Federal Republic of Germany.</p> <p>Rights attached to the Securities</p> <p>The Securities have a fixed term. Security Holders shall be entitled to a capital payment linked to the performance of an Underlying (as defined in C.20).</p> <p>The Securities will be automatically exercised on the Final Valuation Date (as defined in C.16). On the Final Payment Date (as defined in C.16), Security Holders shall be entitled to demand payment of the Differential Amount (as defined in C.15) (the "Exercise Right").</p> <p>The Securities do not bear interest.</p> <p>Limitation of the rights</p> <p>Upon the occurrence of one or more adjustment events (including, but not limited to, corporate actions, changes in the relevant, trading conditions, contract specifications, a modification in the method of determination</p>

		<p>and/or publication of the Underlying or the adjustment or early termination of derivatives linked to the Underlying) (the "Adjustment Events") the Calculation Agent will in its reasonable discretion (§ 315 BGB) adjust the terms and conditions of the Securities and/or all prices of the Underlying determined by the Calculation Agent on the basis of the terms and conditions of the Securities in such a way that the economic position of the Security Holders remains unchanged to the greatest extent possible.</p> <p>Upon the occurrence of one or more call events (e.g. if, the event of an Adjustment Event, an adjustment is not possible or not reasonable with regard to the Issuer and/or the Security Holders) the Issuer may call the Securities extraordinarily and redeem the Securities at their fair market value.</p> <p>Status of the Securities</p> <p>The obligations under the Securities constitute direct, unconditional and unsecured obligations of the Issuer and rank, unless provided otherwise by law, <i>pari passu</i> with all other unsecured unsubordinated present and future obligations of the Issuer.</p>
C.11	Admission to trading	<p>Application will be made for the Securities to be admitted to trading with effect from 6 April 2018 on the following regulated or other equivalent markets: Euronext Paris.</p> <p><u>In addition, application to listing will be made with effect from 6 April 2018 on the following markets: Euronext Paris.</u></p> <p><u>The UniCredit Bank AG (the "Market Maker") undertakes to provide liquidity in accordance with the market making rules of Euronext Paris, where the Securities are expected to be traded. The obligations of the Market Maker are regulated by the rules of Euronext Paris.</u></p>
C.15	Effect of the underlying on the value of the securities	<p>The Securities reflect the performance of the Underlying (as defined in C.20) and allow the Security Holder to participate in both the positive and negative performance of the Underlying during the term of the Securities. A change in the price of the Underlying may have a disproportional (leveraged) effect on the price of the Securities.</p> <p>Call Warrants are Securities for which "Call" is specified in the Annex to this Summary and where Security Holders can participate in the price development of the Underlying. Subject to the influence of other price influencing factors (such as expected volatility, interest rate, dividend yield, time to maturity), if the price of the Underlying rises, the price of the Security regularly rises. Subject to the influence of other price influencing factors, if the price of the Underlying falls, the price of the Securities regularly falls.</p> <p>Put Warrants are Securities for which "Put" is specified in the Annex to this Summary and where Security Holders can participate in the reverse price development of the Underlying. Subject to the influence of other price influencing factors (such as expected volatility, interest rate, dividend yield, time to maturity), if the price of the Underlying falls, the price of the Security regularly rises. Subject to the influence of other price influencing factors, if the price of the Underlying rises, the price of the Securities regularly falls.</p> <p>The "Differential Amount" equals:</p> <ul style="list-style-type: none"> - in the case of Call Warrants an amount by which the Relevant Reference Price (as defined in C.19) exceeds the Strike, multiplied by the Ratio; - in the case of Put Warrants an amount by which the Relevant Reference Price falls short of the Strike, multiplied by the Ratio. <p>However, the Differential Amount is not lower than the Minimum</p>

		Amount. The " Ratio ", the " Strike " and the " Minimum Amount " are specified in the Annex to this summary.
C.16	The expiration or maturity date of the derivative securities – the exercise date or final reference date	The " Final Valuation Date " and the " Final Payment Date " are specified in the table in the Annex to this summary. " Valuation Date " is the Calculation Date on which the Exercise Right is effectively exercised, at the latest the Final Valuation Date.
C.17	Settlement procedure of the securities	All payments shall be made to UniCredit Bank AG (the " Principal Paying Agent "). The Principal Paying Agent shall pay the amounts due to the Clearing System for credit to the respective accounts of the depository banks for transfer to the Security Holders. The payment to the Clearing System shall discharge the Issuer from its obligations under the Securities in the amount of such payment. " Clearing System " means Euroclear France S.A. (" Euroclear France ").
C.18	Description of how any return on derivative securities takes place	Payment of the Differential Amount on the Final Payment Date.
C.19	Exercise price or final reference price of the underlying	" Relevant Reference Price " means the Reference Price on the Final Valuation Date. The " Reference Price " is specified in the table in the Annex to this summary.
C.20	Type of the underlying and description where information on the underlying can be found	The Underlyings are the Shares as specified in the table in the Annex to this summary. For further information about the past and the future performance of the Underlyings and their volatility, please refer to the Website, as specified in the table below.

D. RISKS

D.2	Key information on the key risks that are specific to the Issuer	<p><i>Potential investors should be aware that in the case of the occurrence of one of the below mentioned risk factors the securities may decline in value and that they may sustain a total loss of their investment.</i></p> <ul style="list-style-type: none"> • Macroeconomic Risk Risks from a deterioration in the macroeconomic development and/or the financial markets and from geopolitical uncertainties. • Systemic Risk Risks from disruptions or the functional collapse of the financial system or parts of it.
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		<ul style="list-style-type: none"> • Credit Risk <p>(i) Risks from changes in the credit rating of a contracting party (borrower, counterparty, issuer or country); (ii) Risks from a deterioration of the overall economic situation and negative effects on the demand for credit and the solvency of the borrowers of HVB Group; (iii) Risks from a decrease in value of credit collateral; (iv) Risks from derivative/trading business; (v) Risks from intra-group credit exposures; (vi) Risks from exposures to sovereigns / public sector.</p> • Market Risk <p>(i) Risk of potential losses that can arise in response to adverse changes in market prices, other price-influencing parameters or trading-related events; (ii) Risk for trading and banking books from a deterioration in market conditions; (iii) Interest rate and foreign currency risk.</p> • Liquidity Risk <p>(i) Risk that the HVB Group will not be able to meet its payment obligations on time or in full; (ii) Risks from the procurement of liquidity; (iii) Risks from intra-group liquidity transfers; (iv) Market liquidity risk.</p> • Operational Risk <p>(i) Risk of losses resulting from inadequate or failed internal processes, people and systems, as well as from external events; (ii) IT risks; (iii) Compliance Risk; (iv) Legal and tax risks.</p> • Business Risk <p>Risks of losses arising from unexpected negative changes in the business volume and/or margins.</p> • Real estate Risk <p>Risk of losses resulting from changes in the fair value of the real estate portfolio of HVB Group.</p> • Financial investment risk <p>Risk of decreases in the value of the investment portfolio of the HVB Group.</p> • Reputational Risk <p>Risk of a negative effect on the income statement caused by adverse reactions by stakeholders due to a changed perception of HVB Group.</p> • Strategic Risk <p>(i) Risk that results from management either not recognising or not correctly assessing significant developments or trends in the HVB Group's environment; (ii) Risks arising from the strategic orientation of HVB Group's business model; (iii) Risks arising from the consolidation of the banking market; (iv) Risks arising from changing competitive conditions in the German financial sector; (v) Risks arising from a change in HVB's rating.</p> • Regulatory Risks <p>(i) Risks arising from changes to the regulatory and statutory environment of HVB Group; (ii) Risks in connection with potential resolution measures or a reorganisation proceeding.</p> • Pension risk <p>Risk that the pension provider will have to provide additional capital to service the vested pension commitments.</p> • Risks arising from outsourcing activities <p>Cross-risk-type, which affects the following risk types in particular: operational risk, reputational risk, strategic risk, business risk, credit, market and liquidity risk.</p>
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		<ul style="list-style-type: none"> • Risks from concentrations of risk and earnings <p>Risks from concentrations of risk and earnings indicate increased potential losses and represent a business-strategy risk for HVB Group.</p> <ul style="list-style-type: none"> • Risks from the stress testing measures imposed on HVB Group <p>The business performance of HVB and HVB Group could be negatively affected in case of a poor stress test performance by HVB, HVB Group, UniCredit S.p.A. or one of the financial institutions with which they do business.</p> <ul style="list-style-type: none"> • Risks from inadequate risk measurement models <p>It is possible that the internal models of HVB and HVB Group could be rated as inadequate following investigations or verification through the regulatory authorities, or that they could underestimate existing risks.</p> <ul style="list-style-type: none"> • Unidentified/unexpected risks <p>HVB and HVB Group could incur greater losses than those calculated with the current risk management methods or losses previously left out of its calculations entirely.</p>
D.6	Key information on the key risks that are specific to the securities	<p>In the opinion of the Issuer, the key risks described below may, with regard to the Security Holder, adversely affect the value of the Securities and/or the amounts to be distributed under the Securities and/or the ability of Security Holders to sell the Securities at a reasonable price prior to their redemption.</p> <ul style="list-style-type: none"> • Potential conflicts of interest <p>The risk of conflicts of interest (as described in E.4) is related to the possibility that the Issuer, distributors or any of their affiliates, in relation to certain functions or transactions, may pursue interests which may be adverse to or do not regard the interests of the Security Holders.</p> <ul style="list-style-type: none"> • Key risks related to the Securities <p><i>Key risks related to the market</i></p> <p>Under certain circumstances a Security Holder may not be able to sell his Securities at all or at an adequate price prior to their redemption. Even in the case of an existing secondary market it cannot be ruled out that the Security Holder may not be in a position to dispose of the Securities in the case of an unfavourable development of the Underlying or of a currency exchange rate, e.g. if such development occurs outside of the trading hours of the Securities.</p> <p>The market value of the Securities will be affected by the creditworthiness of the Issuer and a number of other factors (e.g. exchange rates, prevailing interest and yield rates, the market for similar securities, the general economic, political and cyclical conditions, the tradability of the Securities and Underlying-related factors) and may be substantially lower than the purchase price. Security Holders may not rely on being able to sufficiently hedge against price risks arising from the Securities at any time.</p> <p><i>Key risks related to the Securities in general</i></p> <p>The Issuer may possibly fail to perform its obligations under the Securities in whole or in part, e.g., in case of an insolvency of the Issuer or due to governmental or regulatory interventions. Such risk is not protected by a deposit protection scheme or any similar compensation scheme. The competent resolution authority may apply resolution tools which include, among others, a "bail-in" instrument (e.g., conversion of Securities into equity instruments or write down). Application of a resolution tool may materially affect the rights of the Security Holders.</p>

	<p>An investment into the Securities may be illegal or unfavourable for a potential investor or not suitable, with regard to his knowledge or experience and his financial needs, goals and situation.</p> <p>The real rate of return of an investment into the Securities may be reduced or may be zero or even negative (e.g., due to incidental costs in connection with the purchase, holding and disposal of the Securities, future money depreciation (inflation) or tax effects).</p> <p>The differential amount may be less than the Issue Price or the respective purchase price and, under certain circumstances, no interest or ongoing payments will be made.</p> <p>The proceeds from the Securities may possibly not be sufficient to make interest or principal payments arising from a financing purchase of the Securities and require additional capital.</p> <p><i>Risks related to Underlying-linked Securities</i></p> <p><i>Risks arising from the influence of the Underlying on the market value of the Securities</i></p> <p>The market value of the Securities and the amounts payable under the Securities significantly depend on the price of the Underlying. It is not possible to predict the price development of the Underlying in the future. Additionally, the market value of the Securities will be affected by a number of Underlying-related factors.</p> <p><i>Risks arising from the fact that the observation of the Underlying occurs only at specified dates or times or periods</i></p> <p>Due to the fact that the observation of the Underlying may occur only at specified dates, times or periods, amounts payable under the Securities may be considerably lower than the price of the Underlying may have suggested.</p> <p><i>Risks related to a Strike</i></p> <p>A strike can lead to the Security Holders participate either to a lesser extent in a favourable performance of the Underlying or to a greater extent in an unfavourable performance of the Underlying.</p> <p><i>Risks related to a Ratio</i></p> <p>A ratio may result in the Security being in economic terms similar to a direct investment in the relevant Underlying, but being nonetheless not fully comparable with such a direct investment.</p> <p><i>Risks related to Adjustment Events</i></p> <p>Adjustments may have a substantial negative impact on the value and the future performance of the Securities as well as on the amounts to be distributed under the Securities. Adjustment events may also lead to an extraordinary early termination of the Securities.</p> <p><i>Risks related to structure specifics</i></p> <p>Because of the leverage typical for the Securities, the performance of the Underlying may have a disproportionately strong adverse effect on the value of the Securities. The time value declines in relation to the time remaining to maturity. In this case the market value of the Securities will fall to zero by the last possible Exercise Date.</p> <p><i>Risks related to Call Warrants</i></p> <p>If the price of the Underlying falls, the Security Holders may suffer a total loss of their invested capital.</p> <p><i>Risks related to Put Warrants</i></p> <p>If the price of the Underlying rises, the Security Holders may suffer a total loss of their invested capital.</p>
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		<p><i>Risks related to Call Events</i></p> <p>Upon the occurrence of a Call Event the Issuer has the right to extraordinarily call the Securities at their market value. If the market value of the Securities at the relevant time is lower than the Issue Price or the purchase price, the respective Security Holder will suffer a partial or total loss of its invested capital even if the Securities provide for a conditional minimum payment.</p> <p><i>Risks related to Market Disruption Events</i></p> <p>The Calculation Agent may defer valuations and payments and make determination in its reasonable discretion. Security Holders are not entitled to demand interest due to such delayed payment.</p> <p><i>Risks arising from negative effects of hedging arrangements by the Issuer on the Securities</i></p> <p>The entering or the liquidation of hedging transactions by the Issuer may, in individual cases, adversely affect the price of the Underlying.</p> <p>• Key risks related to the Underlying</p> <p>General risks</p> <p><i>No rights of ownership of the Underlying</i></p> <p>The Underlying will not be held by the Issuer for the benefit of the Security Holders, and as such, Security Holders will not obtain any rights of ownership (e.g., voting rights, rights to receive dividends, payments or other distributions or other rights) with respect to the Underlying.</p> <p>Key risks related to shares</p> <p>The performance of share-linked Securities depends on the performance of the respective shares, which may be subject to certain factors. Dividend payments may have an adverse effect on the Security Holder.</p> <p>The Securities are not capital protected. Investors may lose the value of their entire investment or part of it.</p>
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E. OFFER

E.2b	Reasons for the offer and use of proceeds when different from making profit and/or hedging certain risks	Not applicable; the net proceeds from each issue of Securities will be used by the Issuer for its general corporate purposes, i.e. making profit and/or hedging certain risks.
E.3	Description of the terms and conditions of the offer	<p>Day of the first public offer: 6 April 2018</p> <p>A public offer will be made in France.</p> <p>The smallest transferable unit is 1 Security.</p> <p>The smallest tradable unit is 1 Security.</p> <p>The Securities will be offered to qualified investors, retail investors and/or institutional investors.</p> <p>As of the day of the first public offer the Securities will be offered on a continuous basis.</p> <p>The continuous offer will be made on current ask prices provided by the Issuer.</p>

		The public offer may be terminated by the Issuer at any time without giving any reason.
E.4	Any interest that is material to the issue/offer including conflicting interest	<p>Any distributors and/or its affiliates may be customers of, and borrowers from the Issuer and its affiliates. In addition, any of such distributors and their affiliates may have engaged, and may in the future engage, in investment banking and/or commercial banking transactions with, and may perform services for the Issuer and its affiliates in the ordinary course of business.</p> <p>With regard to trading of the Securities the Issuer has a conflict of interest being also the Market Maker on the Euronext Paris. The Issuer is also the arranger and the Calculation Agent of the Securities.</p> <p>Besides, conflicts of interest in relation to the Issuer or the persons entrusted with the offer may arise for the following reasons:</p> <ul style="list-style-type: none"> • The Issuer specifies the Issue Price. • The Issuer and one of its affiliates act as Market Maker of the Securities (however, no such obligation exists). • Distributors may receive inducements from the Issuer. • The Issuer, any Distributor and any of their affiliates act as Calculation Agent or Paying Agent in relation to the Securities. • From time to time, the Issuer, any Distributor and any of its affiliates may be involved in transactions on their own account or on the account of their clients, which affect the liquidity or the price of the Underlying or its components. • The Issuer, any Distributor and its affiliates may issue securities in relation to the Underlying or its components on which already other securities have been issued. • The Issuer, any Distributor and any of its affiliates may possess or obtain material information about the Underlying or its components (including publicly not accessible information) in connection with its business activities or otherwise. • The Issuer, any Distributor and any of their affiliates may engage in business activities with the issuer of the Underlying or its components, its affiliates, competitors or guarantors. • The Issuer, any Distributor and any of their affiliates may also act as a member of a syndicate of banks, as financial advisor or as bank of a sponsor or issuer of the Underlying or its components.
E.7	Estimated expenses charged to the investor by the Issuer or the distributor	Not applicable. No such expenses will be charged to the investor by the Issuer or a distributor. However, other charges like custody fees or transaction fees might be charged.

ANNEX TO THE SUMMARY

ISIN (C.1)	Final Valuation Date (C.16)	Final Payment Date (C.16)	Underlying (C.20)	Reference Price (C.19)	Ratio (C.15)	Strike (C.15)	Minimum Amount (C.15)	Call/Put (C.15)	Website (C.20)
DE000HV1X8C6	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	40	0	Call	www.euronext.com
DE000HV1X8D4	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	45	0	Call	www.euronext.com
DE000HV1X8E2	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	42	0	Call	www.euronext.com
DE000HV1X8F9	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	49	0	Call	www.euronext.com
DE000HV1X8G7	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	45	0	Put	www.euronext.com
DE000HV1X8H5	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	40	0	Put	www.euronext.com
DE000HV1X8J1	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	49	0	Put	www.euronext.com
DE000HV1X8K9	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	42	0	Put	www.euronext.com
DE000HV1X8U8	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	10	0	Call	www.euronext.com
DE000HV1X8V6	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	11	0	Call	www.euronext.com
DE000HV1X8W4	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	10	0	Put	www.euronext.com
DE000HV1X8X2	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	9	0	Put	www.euronext.com
DE000HV1X8Y0	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	8	0	Put	www.euronext.com
DE000HV1X8T0	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	9	0	Call	www.euronext.com
DE000HV1X8Z7	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	96	0	Call	www.euronext.com
DE000HV1X908	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	108	0	Call	www.euronext.com
DE000HV1X916	19.09.2018	26.09.2018	Air Liquide S.A.	Closing Price	0,1	90	0	Put	www.euronext.com

DE000HV1X924	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	108	0	Put	www.euronext.com
DE000HV1X932	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	96	0	Put	www.euronext.com
DE000HV1X8L7	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	91	0	Call	www.euronext.com
DE000HV1X8M5	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	98	0	Call	www.euronext.com
DE000HV1X8N3	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	105	0	Call	www.euronext.com
DE000HV1X8P8	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	105	0	Put	www.euronext.com
DE000HV1X8Q6	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	98	0	Put	www.euronext.com
DE000HV1X8R4	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	91	0	Put	www.euronext.com
DE000HV1X8S2	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	84	0	Put	www.euronext.com
DE000HV1X957	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	170	0	Call	www.deutsche-boerse.com
DE000HV1X965	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	180	0	Call	www.deutsche-boerse.com
DE000HV1X981	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	165	0	Call	www.deutsche-boerse.com
DE000HV1X999	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	180	0	Call	www.deutsche-boerse.com
DE000HV1X9A8	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	195	0	Call	www.deutsche-boerse.com
DE000HV1X9C4	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	170	0	Put	www.deutsche-boerse.com
DE000HV1X9D2	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	180	0	Put	www.deutsche-boerse.com
DE000HV1X9E0	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	165	0	Put	www.deutsche-boerse.com
DE000HV1X973	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	190	0	Call	www.deutsche-boerse.com
DE000HV1X9B6	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	180	0	Put	www.deutsche-boerse.com
DE000HV1X940	19.09.2018	26.09.2018	Alstom S.A.	Closing Price	0,1	33	0	Put	www.euronext.com

DE000HV1Y492	19.12.2018	28.12.2018	ArcelorMittal S.A.	Closing Price	0,1	26	0	Call	www.euronext.com
DE000HV1Y4A8	19.12.2018	28.12.2018	ArcelorMittal S.A.	Closing Price	0,1	22	0	Put	www.euronext.com
DE000HV1Y484	19.12.2018	28.12.2018	ArcelorMittal S.A.	Closing Price	0,1	24	0	Call	www.euronext.com
DE000HV1X9G5	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1X9H3	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1X9J9	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	130	0	Call	www.euronext.com
DE000HV1X9L5	19.09.2018	26.09.2018	Atos SE	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1X9M3	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1X9N1	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1X9F7	19.09.2018	26.09.2018	Atos SE	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1X9K7	19.09.2018	26.09.2018	Atos SE	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1X9P6	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1X9Q4	13.06.2018	20.06.2018	AXA S.A.	Closing Price	1	20	0	Call	www.euronext.com
DE000HV1X9R2	19.12.2018	28.12.2018	AXA S.A.	Closing Price	1	21	0	Call	www.euronext.com
DE000HV1X950	19.12.2018	28.12.2018	AXA S.A.	Closing Price	1	21	0	Put	www.euronext.com
DE000HV1X9T8	19.12.2018	28.12.2018	AXA S.A.	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1X9U6	19.09.2018	26.09.2018	Bayer AG	Closing Price	0,1	90	0	Call	www.deutsche-boerse.com
DE000HV1X9V4	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	75	0	Call	www.deutsche-boerse.com
DE000HV1X9W2	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	100	0	Call	www.deutsche-boerse.com
DE000HV1X9Y8	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	100	0	Put	www.deutsche-boerse.com

DE000HV1X9Z5	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1X9X0	19.09.2018	26.09.2018	Bayer AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y005	19.09.2018	26.09.2018	Bayerische Motoren Werke AG	Closing Price	0,1	80	0	Call	www.deutsche-boerse.com
DE000HV1Y013	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	84	0	Call	www.deutsche-boerse.com
DE000HV1Y021	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	96	0	Call	www.deutsche-boerse.com
DE000HV1Y039	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	84	0	Put	www.deutsche-boerse.com
DE000HV1Y047	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	72	0	Put	www.deutsche-boerse.com
DE000HV1Y054	13.06.2018	20.06.2018	BNP Paribas S.A.	Closing Price	0,1	57	0	Call	www.euronext.com
DE000HV1Y062	19.12.2018	28.12.2018	BNP Paribas S.A.	Closing Price	0,1	56	0	Call	www.euronext.com
DE000HV1Y070	19.12.2018	28.12.2018	BNP Paribas S.A.	Closing Price	0,1	56	0	Put	www.euronext.com
DE000HV1Y088	19.12.2018	28.12.2018	BNP Paribas S.A.	Closing Price	0,1	52	0	Put	www.euronext.com
DE000HV1Y0H1	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y0A6	19.09.2018	26.09.2018	Capgemini SE	Closing Price	0,1	98	0	Call	www.euronext.com
DE000HV1Y0B4	19.09.2018	26.09.2018	Capgemini SE	Closing Price	0,1	112	0	Call	www.euronext.com
DE000HV1Y0C2	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	100	0	Call	www.euronext.com
DE000HV1Y0D0	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y0E8	19.09.2018	26.09.2018	Capgemini SE	Closing Price	0,1	98	0	Put	www.euronext.com
DE000HV1Y0F5	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y0G3	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y0J7	19.12.2018	28.12.2018	Carrefour S.A.	Closing Price	0,1	16	0	Call	www.euronext.com

DE000HV1Y0K5	19.12.2018	28.12.2018	Carrefour S.A.	Closing Price	0,1	20	0	Call	www.euronext.com
DE000HV1Y0L3	19.12.2018	28.12.2018	Carrefour S.A.	Closing Price	0,1	16	0	Put	www.euronext.com
DE000HV1Y0M1	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	35	0	Call	www.euronext.com
DE000HV1Y0P4	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	42	0	Put	www.euronext.com
DE000HV1Y0Q2	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	35	0	Put	www.euronext.com
DE000HV1Y0N9	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	42	0	Call	www.euronext.com
DE000HV1Y6R7	19.09.2018	26.09.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	40	0	Call	www.euronext.com
DE000HV1Y6S5	19.09.2018	26.09.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	45	0	Call	www.euronext.com
DE000HV1Y6T3	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	42	0	Call	www.euronext.com
DE000HV1Y6U1	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	49	0	Call	www.euronext.com
DE000HV1Y6V9	19.09.2018	26.09.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	45	0	Put	www.euronext.com
DE000HV1Y6W7	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	42	0	Put	www.euronext.com
DE000HV1Y6X5	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	35	0	Put	www.euronext.com
DE000HV1Y3H5	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	112	0	Call	www.euronext.com
DE000HV1Y3K9	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y3L7	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	120	0	Call	www.euronext.com

DE000HV1Y3M5	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	130	0	Call	www.euronext.com
DE000HV1Y3P8	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	112	0	Put	www.euronext.com
DE000HV1Y3Q6	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1Y3R4	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y3J1	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	119	0	Call	www.euronext.com
DE000HV1Y3N3	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	119	0	Put	www.euronext.com
DE000HV1Y0Y6	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	200	0	Call	www.deutsche-boerse.com
DE000HV1Y0Z3	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	250	0	Call	www.deutsche-boerse.com
DE000HV1Y112	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	200	0	Put	www.deutsche-boerse.com
DE000HV1Y104	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	250	0	Put	www.deutsche-boerse.com
DE000HV1Y096	19.12.2018	28.12.2018	Credit Agricole S.A.	Closing Price	1	12	0	Call	www.euronext.com
DE000HV1Y120	19.09.2018	26.09.2018	Daimler AG	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y146	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	75	0	Call	www.deutsche-boerse.com
DE000HV1Y153	19.09.2018	26.09.2018	Daimler AG	Closing Price	0,1	60	0	Put	www.deutsche-boerse.com

DE000HV1Y161	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1Y138	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y179	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	60	0	Put	www.deutsche-boerse.com
DE000HV1Y187	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y195	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y1A4	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y1B2	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y1C0	19.12.2018	28.12.2018	Deutsche Bank AG	Closing Price	1	14	0	Call	www.deutsche-boerse.com
DE000HV1Y1D8	19.12.2018	28.12.2018	Deutsche Bank AG	Closing Price	1	14	0	Put	www.deutsche-boerse.com
DE000HV1Y1E6	19.12.2018	28.12.2018	Deutsche Bank AG	Closing Price	1	7	0	Put	www.deutsche-boerse.com
DE000HV1Y1G1	19.12.2018	28.12.2018	Deutsche Telekom AG	Closing Price	1	12	0	Call	www.deutsche-boerse.com
DE000HV1Y1H9	19.09.2018	26.09.2018	Deutsche Telekom AG	Closing Price	1	12	0	Put	www.deutsche-boerse.com
DE000HV1Y1J5	19.12.2018	28.12.2018	Deutsche Telekom AG	Closing Price	1	12	0	Put	www.deutsche-boerse.com
DE000HV1Y1F3	19.09.2018	26.09.2018	Deutsche Telekom AG	Closing Price	1	12	0	Call	www.deutsche-boerse.com
DE000HV1Y1L1	13.06.2018	20.06.2018	Electricité de France S.A. (E.D.F.)	Closing Price	1	12	0	Put	www.euronext.com
DE000HV1Y1K3	13.06.2018	20.06.2018	Electricité de France S.A. (E.D.F.)	Closing Price	1	12	0	Call	www.euronext.com
DE000HV1Y1M9	19.12.2018	28.12.2018	Enel S.p.A.	Prezzo di Riferimento	1	6	0	Call	www.borsaitaliana.it
DE000HV1Y1N7	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	12	0	Call	www.borsaitaliana.it
DE000HV1Y1Q0	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	16	0	Put	www.borsaitaliana.it
DE000HV1Y1R8	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	12	0	Put	www.borsaitaliana.it

DE000HV1Y1P2	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	16	0	Call	www.borsaitaliana.it
DE000HV1Y1S6	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	100	0	Call	www.euronext.com
DE000HV1Y1T4	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1Y1U2	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1Y1V0	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y5M0	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	96	0	Call	www.borsaitaliana.it
DE000HV1Y5N8	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	104	0	Call	www.borsaitaliana.it
DE000HV1Y5P3	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	91	0	Call	www.borsaitaliana.it
DE000HV1Y5R9	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	105	0	Call	www.borsaitaliana.it
DE000HV1Y5S7	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	112	0	Call	www.borsaitaliana.it
DE000HV1Y5T5	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	104	0	Put	www.borsaitaliana.it
DE000HV1Y5V1	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	105	0	Put	www.borsaitaliana.it
DE000HV1Y5W9	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	98	0	Put	www.borsaitaliana.it
DE000HV1Y5X7	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	91	0	Put	www.borsaitaliana.it
DE000HV1Y5Q1	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	98	0	Call	www.borsaitaliana.it
DE000HV1Y5U3	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	96	0	Put	www.borsaitaliana.it
DE000HV1Y252	19.09.2018	26.09.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	18	0	Call	www.borsaitaliana.it
DE000HV1Y245	19.09.2018	26.09.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	15	0	Call	www.borsaitaliana.it
DE000HV1Y260	19.12.2018	28.12.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	15	0	Call	www.borsaitaliana.it
DE000HV1Y278	19.09.2018	26.09.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	18	0	Put	www.borsaitaliana.it

DE000HV1Y2C8	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	160	0	Call	www.euronext.com
DE000HV1Y2D6	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	180	0	Call	www.euronext.com
DE000HV1Y2F1	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	180	0	Put	www.euronext.com
DE000HV1Y2G9	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	160	0	Put	www.euronext.com
DE000HV1Y2E4	19.09.2018	26.09.2018	Iliad SA	Closing Price	0,1	150	0	Put	www.euronext.com
DE000HV1Y2H7	19.09.2018	26.09.2018	Ingenico Group S.A.	Closing Price	0,1	75	0	Call	www.euronext.com
DE000HV1Y2K1	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y2L9	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y2M7	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y2J3	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y2N5	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y2P0	19.09.2018	26.09.2018	Intesa Sanpaolo S.p.A.	Prezzo di Riferimento	1	2,4	0	Put	www.borsaitaliana.it
DE000HV1Y4Y8	19.12.2018	28.12.2018	Kering	Closing Price	0,1	420	0	Call	www.euronext.com
DE000HV1Y4U6	19.09.2018	26.09.2018	Kering	Closing Price	0,1	390	0	Call	www.euronext.com
DE000HV1Y4V4	19.09.2018	26.09.2018	Kering	Closing Price	0,1	435	0	Call	www.euronext.com
DE000HV1Y4W2	19.12.2018	28.12.2018	Kering	Closing Price	0,1	380	0	Call	www.euronext.com
DE000HV1Y4X0	19.12.2018	28.12.2018	Kering	Closing Price	0,1	400	0	Call	www.euronext.com
DE000HV1Y4Z5	19.12.2018	28.12.2018	Kering	Closing Price	0,1	440	0	Call	www.euronext.com
DE000HV1Y500	19.09.2018	26.09.2018	Kering	Closing Price	0,1	390	0	Put	www.euronext.com
DE000HV1Y518	19.09.2018	26.09.2018	Kering	Closing Price	0,1	360	0	Put	www.euronext.com

DE000HV1Y526	19.12.2018	28.12.2018	Kering	Closing Price	0,1	420	0	Put	www.euronext.com
DE000HV1Y534	19.12.2018	28.12.2018	Kering	Closing Price	0,1	400	0	Put	www.euronext.com
DE000HV1Y542	19.12.2018	28.12.2018	Kering	Closing Price	0,1	380	0	Put	www.euronext.com
DE000HV1Y559	19.12.2018	28.12.2018	Kering	Closing Price	0,1	360	0	Put	www.euronext.com
DE000HV1Y567	19.12.2018	28.12.2018	Kering	Closing Price	0,1	340	0	Put	www.euronext.com
DE000HV1Y336	19.09.2018	26.09.2018	LafargeHolcim Ltd	Closing Price	0,1	45	0	Call	www.euronext.com
DE000HV1Y344	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	40	0	Call	www.euronext.com
DE000HV1Y351	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	50	0	Call	www.euronext.com
DE000HV1Y369	19.09.2018	26.09.2018	LafargeHolcim Ltd	Closing Price	0,1	45	0	Put	www.euronext.com
DE000HV1Y377	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	50	0	Put	www.euronext.com
DE000HV1Y385	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	40	0	Put	www.euronext.com
DE000HV1Y2Q8	19.09.2018	26.09.2018	Lağardere SCA	Closing Price	1	22,5	0	Call	www.euronext.com
DE000HV1Y2R6	19.09.2018	26.09.2018	Lağardere SCA	Closing Price	1	25	0	Call	www.euronext.com
DE000HV1Y2S4	19.12.2018	28.12.2018	Lağardere SCA	Closing Price	1	20	0	Call	www.euronext.com
DE000HV1Y2T2	19.12.2018	28.12.2018	Lağardere SCA	Closing Price	1	25	0	Call	www.euronext.com
DE000HV1Y2U0	19.09.2018	26.09.2018	Lağardere SCA	Closing Price	1	22,5	0	Put	www.euronext.com
DE000HV1Y2V8	19.12.2018	28.12.2018	Lağardere SCA	Closing Price	1	25	0	Put	www.euronext.com
DE000HV1Y2W6	19.12.2018	28.12.2018	Lağardere SCA	Closing Price	1	20	0	Put	www.euronext.com
DE000HV1Y2Y2	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y2X4	19.09.2018	26.09.2018	Legrand S.A.	Closing Price	0,1	65	0	Call	www.euronext.com

DE000HV1Y2Z9	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y302	19.09.2018	26.09.2018	Legrand S.A.	Closing Price	0,1	65	0	Put	www.euronext.com
DE000HV1Y310	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y328	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y4J9	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	180	0	Call	www.euronext.com
DE000HV1Y4K7	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	200	0	Call	www.euronext.com
DE000HV1Y4M3	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	200	0	Put	www.euronext.com
DE000HV1Y4N1	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	180	0	Put	www.euronext.com
DE000HV1Y4P6	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	160	0	Put	www.euronext.com
DE000HV1Y4L5	19.09.2018	26.09.2018	L'OREAL S.A.	Closing Price	0,1	165	0	Put	www.euronext.com
DE000HV1Y393	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	240	0	Call	www.euronext.com
DE000HV1Y3A0	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	255	0	Call	www.euronext.com
DE000HV1Y3B8	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	270	0	Call	www.euronext.com
DE000HV1Y3C6	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	285	0	Call	www.euronext.com
DE000HV1Y3D4	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	270	0	Put	www.euronext.com
DE000HV1Y3F9	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	240	0	Put	www.euronext.com

DE000HV1Y3G7	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	225	0	Put	www.euronext.com
DE000HV1Y3E2	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	255	0	Put	www.euronext.com
DE000HV1Y450	19.12.2018	28.12.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	2,5	0	Call	www.borsaitaliana.it
DE000HV1Y468	19.09.2018	26.09.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	3	0	Put	www.borsaitaliana.it
DE000HV1Y476	19.12.2018	28.12.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	2,5	0	Put	www.borsaitaliana.it
DE000HV1Y443	19.09.2018	26.09.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	3	0	Call	www.borsaitaliana.it
DE000HV1Y3T0	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	90	0	Call	www.deutsche-boerse.com
DE000HV1Y3U8	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	95	0	Call	www.deutsche-boerse.com
DE000HV1Y3V6	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	80	0	Call	www.deutsche-boerse.com
DE000HV1Y3X2	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	100	0	Call	www.deutsche-boerse.com
DE000HV1Y3Y0	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y3Z7	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	85	0	Put	www.deutsche-boerse.com
DE000HV1Y419	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y427	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	80	0	Put	www.deutsche-boerse.com
DE000HV1Y435	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	70	0	Put	www.deutsche-boerse.com
DE000HV1Y3S2	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	85	0	Call	www.deutsche-boerse.com
DE000HV1Y3W4	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	90	0	Call	www.deutsche-boerse.com
DE000HV1Y401	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1Y0R0	19.09.2018	26.09.2018	Natixis SA	Closing Price	1	7	0	Call	www.euronext.com

DE000HV1Y0T6	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	7	0	Call	www.euronext.com
DE000HV1Y0U4	19.09.2018	26.09.2018	Natixis SA	Closing Price	1	7	0	Put	www.euronext.com
DE000HV1Y0V2	19.09.2018	26.09.2018	Natixis SA	Closing Price	1	5,6	0	Put	www.euronext.com
DE000HV1Y0X8	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	6	0	Put	www.euronext.com
DE000HV1Y0S8	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	6	0	Call	www.euronext.com
DE000HV1Y0W0	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	7	0	Put	www.euronext.com
DE000HV1Y4B6	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	4	0	Call	www.nasdaqomxnordic.com
DE000HV1Y4D2	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	5	0	Put	www.nasdaqomxnordic.com
DE000HV1Y4E0	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	4	0	Put	www.nasdaqomxnordic.com
DE000HV1Y4C4	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	5	0	Call	www.nasdaqomxnordic.com
DE000HV1Y4F7	13.06.2018	20.06.2018	Orange S.A.	Closing Price	1	13,5	0	Call	www.euronext.com
DE000HV1Y4H3	13.06.2018	20.06.2018	Orange S.A.	Closing Price	1	13,5	0	Put	www.euronext.com
DE000HV1Y4G5	19.12.2018	28.12.2018	Orange S.A.	Closing Price	1	12	0	Call	www.euronext.com
DE000HV1Y4Q4	19.12.2018	28.12.2018	Pernod Ricard S.A.	Closing Price	0,1	147	0	Call	www.euronext.com
DE000HV1Y4R2	19.09.2018	26.09.2018	Pernod Ricard S.A.	Closing Price	0,1	130	0	Put	www.euronext.com
DE000HV1Y4S0	19.09.2018	26.09.2018	Peugeot S.A.	Closing Price	1	21	0	Call	www.euronext.com
DE000HV1Y4T8	19.12.2018	28.12.2018	Peugeot S.A.	Closing Price	1	22,5	0	Call	www.euronext.com
DE000HV1Y575	19.09.2018	26.09.2018	Porsche Automobil Holding SE	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y583	19.09.2018	26.09.2018	Porsche Automobil Holding SE	Closing Price	0,1	70	0	Call	www.deutsche-boerse.com
DE000HV1Y591	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com

DE000HV1Y5A5	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	75	0	Call	www.deutsche-boerse.com
DE000HV1Y5B3	19.09.2018	26.09.2018	Porsche Automobil Holding SE	Closing Price	0,1	70	0	Put	www.deutsche-boerse.com
DE000HV1Y5D9	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	60	0	Put	www.deutsche-boerse.com
DE000HV1Y5C1	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1Y5E7	19.09.2018	26.09.2018	Publicis Groupe S.A.	Closing Price	0,1	55	0	Call	www.euronext.com
DE000HV1Y5F4	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	50	0	Call	www.euronext.com
DE000HV1Y5H0	19.09.2018	26.09.2018	Publicis Groupe S.A.	Closing Price	0,1	55	0	Put	www.euronext.com
DE000HV1Y5J6	19.09.2018	26.09.2018	Publicis Groupe S.A.	Closing Price	0,1	50	0	Put	www.euronext.com
DE000HV1Y5K4	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y5G2	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y5L2	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	50	0	Put	www.euronext.com
DE000HV1Y5Z2	19.09.2018	26.09.2018	Renault S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y609	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	105	0	Call	www.euronext.com
DE000HV1Y617	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	112	0	Call	www.euronext.com
DE000HV1Y633	19.09.2018	26.09.2018	Renault S.A.	Closing Price	0,1	105	0	Put	www.euronext.com
DE000HV1Y641	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	105	0	Put	www.euronext.com
DE000HV1Y658	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	98	0	Put	www.euronext.com
DE000HV1Y5Y5	13.06.2018	20.06.2018	Renault S.A.	Closing Price	0,1	105	0	Call	www.euronext.com
DE000HV1Y625	13.06.2018	20.06.2018	Renault S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y674	19.09.2018	26.09.2018	Safran S.A.	Closing Price	0,1	84	0	Put	www.euronext.com

DE000HV1Y666	19.09.2018	26.09.2018	Safran S.A.	Closing Price	0,1	84	0	Call	www.euronext.com
DE000HV1Y682	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	63	0	Call	www.euronext.com
DE000HV1Y690	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y6B1	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	56	0	Put	www.euronext.com
DE000HV1Y6A3	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	63	0	Put	www.euronext.com
DE000HV1Y6C9	19.09.2018	26.09.2018	Schneider Electric SA	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y6D7	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y6F2	19.09.2018	26.09.2018	Schneider Electric SA	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y6G0	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y6H8	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y6E5	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y6Y3	19.09.2018	26.09.2018	Siemens AG	Closing Price	0,1	100	0	Call	www.deutsche-boerse.com
DE000HV1Y6Z0	19.09.2018	26.09.2018	Siemens AG	Closing Price	0,1	110	0	Call	www.deutsche-boerse.com
DE000HV1Y708	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	105	0	Call	www.deutsche-boerse.com
DE000HV1Y716	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	120	0	Call	www.deutsche-boerse.com
DE000HV1Y724	19.09.2018	26.09.2018	Siemens AG	Closing Price	0,1	110	0	Put	www.deutsche-boerse.com
DE000HV1Y732	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	105	0	Put	www.deutsche-boerse.com
DE000HV1Y740	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y1W8	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y1X6	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	90	0	Call	www.euronext.com

DE000HV1Y1Y4	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y1Z1	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	90	0	Call	www.euronext.com
DE000HV1Y203	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y211	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	80	0	Put	www.euronext.com
DE000HV1Y229	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y237	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	80	0	Put	www.euronext.com
DE000HV1Y765	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y773	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1Y781	19.09.2018	26.09.2018	Solvay S.A.	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y799	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1Y7A1	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y7B9	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y757	19.09.2018	26.09.2018	Solvay S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y286	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	25	0	Call	www.euronext.com
DE000HV1Y294	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	30	0	Call	www.euronext.com
DE000HV1Y2A2	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	25	0	Put	www.euronext.com
DE000HV1Y2B0	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	20	0	Put	www.euronext.com
DE000HV1Y7K0	19.09.2018	26.09.2018	Telecom Italia S.p.A.	Prezzo di Riferimento	1	0,8	0	Put	www.borsaitaliana.it
DE000HV1Y7C7	19.09.2018	26.09.2018	Thales S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y7D5	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	90	0	Call	www.euronext.com

DE000HV1Y7E3	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	100	0	Call	www.euronext.com
DE000HV1Y7G8	19.09.2018	26.09.2018	Thales S.A.	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y7H6	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y7J2	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y7F0	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y7L8	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y7M6	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y7P9	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y7Q7	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y7N4	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	80	0	Put	www.euronext.com
DE000HV1Y7R5	13.06.2018	20.06.2018	Unibail-Rodamco SE	Closing Price	0,1	180	0	Call	www.euronext.com
DE000HV1Y7S3	19.09.2018	26.09.2018	Unibail-Rodamco SE	Closing Price	0,1	160	0	Put	www.euronext.com
DE000HV1Y880	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	49	0	Call	www.euronext.com
DE000HV1Y898	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	56	0	Call	www.euronext.com
DE000HV1Y8A9	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	63	0	Call	www.euronext.com
DE000HV1Y8B7	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	56	0	Put	www.euronext.com
DE000HV1Y8C5	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	49	0	Put	www.euronext.com
DE000HV1Y856	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	6	0	Call	www.euronext.com
DE000HV1Y864	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	6	0	Put	www.euronext.com
DE000HV1Y872	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	3	0	Put	www.euronext.com

DE000HV1Y849	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	3	0	Call	www.euronext.com
DE000HV1Y7T1	19.09.2018	26.09.2018	Veolia Environnement SA	Closing Price	1	18	0	Call	www.euronext.com
DE000HV1Y7U9	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	18	0	Call	www.euronext.com
DE000HV1Y7V7	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	21	0	Call	www.euronext.com
DE000HV1Y7X3	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	21	0	Put	www.euronext.com
DE000HV1Y7Y1	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1Y7W5	19.09.2018	26.09.2018	Veolia Environnement SA	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1Y6K2	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	77	0	Call	www.euronext.com
DE000HV1Y6L0	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	84	0	Call	www.euronext.com
DE000HV1Y6M8	19.09.2018	26.09.2018	Vinci S.A.	Closing Price	0,1	72	0	Put	www.euronext.com
DE000HV1Y6N6	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	84	0	Put	www.euronext.com
DE000HV1Y6P1	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	77	0	Put	www.euronext.com
DE000HV1Y6Q9	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y6J4	19.09.2018	26.09.2018	Vinci S.A.	Closing Price	0,1	75	0	Call	www.euronext.com
DE000HV1Y7Z8	19.09.2018	26.09.2018	Vivendi S.A.	Closing Price	1	24	0	Call	www.euronext.com
DE000HV1Y815	19.12.2018	28.12.2018	Vivendi S.A.	Closing Price	1	25	0	Call	www.euronext.com
DE000HV1Y823	19.09.2018	26.09.2018	Vivendi S.A.	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1Y831	19.12.2018	28.12.2018	Vivendi S.A.	Closing Price	1	20	0	Put	www.euronext.com
DE000HV1Y807	19.12.2018	28.12.2018	Vivendi S.A.	Closing Price	1	20	0	Call	www.euronext.com
DE000HV1Y8D3	19.09.2018	26.09.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	1	160	0	Call	www.deutsche-boerse.com

DE000HV1Y8E1	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	150	0	Call	www.deutsche-boerse.com
DE000HV1Y8F8	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	175	0	Call	www.deutsche-boerse.com
DE000HV1Y8G6	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	175	0	Put	www.deutsche-boerse.com
DE000HV1Y8H4	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	150	0	Put	www.deutsche-boerse.com

RESUME DU PROSPECTUS

Le résumé se compose d'une série d'informations clés, désignées sous le terme d'éléments, qui sont présentés en sections A à E, numérotées de A.1 à E.7 (les "**Eléments**").

Ce Résumé contient l'ensemble des Eléments devant figurer dans le résumé d'un prospectus relatif à cette catégorie de valeurs mobilières et à ce type d'émetteur. Puisque certains Eléments n'ont pas à être renseignés, la numérotation des Eléments dans le présent résumé n'est pas continue.

Il est possible qu'aucune information pertinente ne puisse être fournie au sujet d'un Elément donné qui doit figurer dans le présent Résumé du fait de la catégorie de valeurs mobilières et du type d'émetteur concernés. Dans ce cas, une description sommaire de l'Elément concerné figure dans le Résumé avec la mention "Sans objet".

A. INTRODUCTION ET AVERTISSEMENTS

A.1	Avertissement	<p>Le présent Résumé doit être lu comme une introduction au Prospectus de Base.</p> <p>Toute décision d'investir dans les Titres concernés doit être fondée sur un examen exhaustif de l'ensemble du Prospectus de Base par l'investisseur.</p> <p>Lorsqu'une action concernant l'information contenue dans le Prospectus de Base est intentée devant un tribunal, l'investisseur plaignant peut, selon la législation nationale des Etats Membres, avoir à supporter les frais de traduction du Prospectus de Base avant le début de la procédure judiciaire.</p> <p>UniCredit Bank AG ("UniCredit Bank", l'"Emetteur" ou "HVB"), Arabellastraße 12, 81925 Munich, en tant qu'Emetteur peut être tenu responsable en ce qui concerne le Résumé et toute traduction de celui-ci, ainsi que toutes personnes ayant participé à la constitution du Résumé, mais uniquement si le contenu du Résumé est trompeur, inexact ou contradictoire par rapport aux autres parties du Prospectus de Base, ou s'il ne fournit pas, à la lecture des autres parties du Prospectus de Base, l'ensemble des informations clés.</p>
A.2	Consentement à l'utilisation du prospectus de base	Sous réserve des paragraphes suivants, l'Emetteur donne son consentement général à l'utilisation du Prospectus de Base, pendant la Période d'Offre, pour toute revente ultérieure ou placement final des Titres par des intermédiaires financiers.
	Indication de la période d'offre	Une revente ou un placement final des Titres par des intermédiaires financiers peut être réalisé(e) et le consentement à l'usage du Prospectus de Base est donné pendant la durée de validité du Prospectus de Base.
	Autres conditions attachées au consentement	<p>Le consentement de l'Emetteur à l'utilisation du Prospectus de Base est soumis à la condition que chaque intermédiaire financier respecte les restrictions à la vente applicables ainsi que les modalités de l'offre.</p> <p>De plus, le consentement de l'Emetteur à l'utilisation du Prospectus de Base est soumis à la condition que l'intermédiaire financier faisant usage du Prospectus de Base s'engage lui-même à l'égard de ses clients à procéder de manière responsable à la distribution des Titres. Cet engagement prend la forme d'une publication de l'intermédiaire financier sur son site internet</p>

		précisant que le prospectus est utilisé avec le consentement de l'Émetteur et sous réserve des conditions accompagnant ce consentement.
	Information sur les modalités de l'offre faite par un intermédiaire financier	Les informations sur les modalités de l'offre faite par tout intermédiaire financier seront fournies au moment de l'offre par cet intermédiaire financier.

B. EMETTEUR

B.1	Raison sociale et nom commercial	La raison sociale de l'Émetteur est UniCredit Bank AG (ensemble avec ses filiales consolidées, le " Groupe HVB "). Le nom commercial est HypoVereinsbank.
B.2	Siège social / Forme juridique / Droit applicable / Pays d'origine	UniCredit Bank, dont le siège social est situé Arabellastraße 12, 81925 Munich, a été constituée en Allemagne, immatriculée au Registre du Commerce du Tribunal de Première Instance de Munich (<i>Amtsgericht</i>) sous le numéro HRB 42148 et enregistrée comme une société de capitaux au titre des lois de la République Fédérale d'Allemagne.
B.4b	Tendance connue ayant des répercussions sur l'Émetteur et ses secteurs d'activité	La performance du Groupe HVB dépendra aussi en 2017 de l'évolution à venir des marchés de capitaux et financiers et de l'économie réelle ainsi que des aléas subsistants en découlant. Dans ce contexte, le Groupe HVB revoit sa stratégie de manière régulière et ponctuelle et l'adoptera si nécessaire.
B.5	Groupe auquel appartient l'Émetteur et position de l'Émetteur au sein de ce groupe	UniCredit Bank est la société mère du Groupe HVB. Le Groupe HVB détient directement et indirectement des participations dans plusieurs sociétés. UniCredit Bank est une société apparentée à UniCredit S.p.A., Rome (" UniCredit S.p.A. ", et ensemble avec ses filiales consolidées, " UniCredit ") depuis novembre 2005, et constitue depuis cette date un sous-groupe important d'UniCredit. UniCredit S.p.A. détient directement 100% du capital d'UniCredit Bank.
B.9	Prévision ou estimation de bénéfice	Sans objet; prévision ou estimation de bénéfice ne sont préparés par l'Émetteur.
B.10	Réserves du rapport d'audit sur les informations financières	Sans objet; Deloitte GmbH Wirtschaftsprüfungsgesellschaft, commissaires aux comptes (<i>Wirtschaftsprüfer</i>) d'UniCredit Bank, ont audité les comptes consolidés (<i>Konzernabschluss</i>) du Groupe HVB pour l'exercice clos le 31 décembre 2015 et pour l'exercice clos le 31 décembre 2016 et les comptes non consolidés (<i>Einzelabschluss</i>) d'UniCredit Bank pour l'exercice clos le 31

	historiques	décembre 2016 et ont rendu pour chacun des cas exercices une opinion d'audit sans réserve.																																																
B.12	Informations financières historiques sélectionnées	<p>Chiffres Clés Consolidés au 31 décembre 2016</p> <table border="1"> <thead> <tr> <th>Indicateurs de performance clés</th> <th>1/1/2016 – 31/12/2016*</th> <th>1/1/2015 – 31/12/2015†</th> </tr> </thead> <tbody> <tr> <td>Bénéfice net d'exploitation¹⁾</td> <td>1.096 m €</td> <td>983 m €</td> </tr> <tr> <td>Bénéfice avant impôts</td> <td>297 m €</td> <td>776 m €</td> </tr> <tr> <td>Bénéfice consolidé</td> <td>157 m €</td> <td>750 m €</td> </tr> <tr> <td>Bénéfice par action</td> <td>0,19 €</td> <td>0,93 €</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Chiffres du bilan</td> <td>31/12/2016</td> <td>31/12/2015</td> </tr> <tr> <td>Total des actifs</td> <td>302.090 m €</td> <td>298.745 m €</td> </tr> <tr> <td>Capitaux propres</td> <td>20.420 m €</td> <td>20.766 m €</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Principaux ratios de fonds propres</td> <td>31/12/2016</td> <td>31/12/2015</td> </tr> <tr> <td>Fonds propres de base de catégorie 1</td> <td>16.611 m €²⁾</td> <td>19.564 m €³⁾</td> </tr> <tr> <td>Fonds propres de base (fonds propres de catégorie 1)</td> <td>16.611 m €²⁾</td> <td>19.564 m €³⁾</td> </tr> <tr> <td>Actifs pondérés en fonction des risques (incluant les équivalents pour le risque de marché et le risque opérationnel)</td> <td>81.575 m €</td> <td>78.057 m €</td> </tr> <tr> <td>Ratio de fonds propres de base de catégorie 1⁴⁾</td> <td>20,4%²⁾</td> <td>25,1%³⁾</td> </tr> <tr> <td>Ratio de fonds propres de base (ratio de fonds propres de catégorie 1)⁴⁾</td> <td>20,4%²⁾</td> <td>25,1%³⁾</td> </tr> </tbody> </table> <p>* L'information financière indiquée dans la présente colonne est vérifiée et extraite des comptes consolidés du Groupe HVB pour l'exercice clos au 31 décembre 2016.</p> <p>† L'information financière indiquée dans la présente colonne est vérifiée et extraite des comptes consolidés du Groupe HVB pour l'exercice clos au 31 décembre 2015.</p> <p>¹⁾ Le bénéfice d'exploitation net provient des éléments de lignes de l'actif net, des dividendes et autres produits provenant des placements en actions, des commissions et commissions nets, des produits de négociation nets, des autres charges / produits nets, des coûts d'exploitation et des dépréciations nettes de prêts et provisions pour garanties et des engagements.</p> <p>²⁾ Conformément aux comptes consolidés du Groupe HVB pour l'exercice clos au 31 décembre 2016 approuvés par le Conseil de Surveillance de UniCredit Bank AG</p> <p>³⁾ Conformément aux comptes consolidés du Groupe HVB pour l'exercice clos au 31 décembre 2015 approuvés par le Conseil de Surveillance de UniCredit Bank AG</p>	Indicateurs de performance clés	1/1/2016 – 31/12/2016*	1/1/2015 – 31/12/2015†	Bénéfice net d'exploitation ¹⁾	1.096 m €	983 m €	Bénéfice avant impôts	297 m €	776 m €	Bénéfice consolidé	157 m €	750 m €	Bénéfice par action	0,19 €	0,93 €				Chiffres du bilan	31/12/2016	31/12/2015	Total des actifs	302.090 m €	298.745 m €	Capitaux propres	20.420 m €	20.766 m €				Principaux ratios de fonds propres	31/12/2016	31/12/2015	Fonds propres de base de catégorie 1	16.611 m € ²⁾	19.564 m € ³⁾	Fonds propres de base (fonds propres de catégorie 1)	16.611 m € ²⁾	19.564 m € ³⁾	Actifs pondérés en fonction des risques (incluant les équivalents pour le risque de marché et le risque opérationnel)	81.575 m €	78.057 m €	Ratio de fonds propres de base de catégorie 1 ⁴⁾	20,4% ²⁾	25,1% ³⁾	Ratio de fonds propres de base (ratio de fonds propres de catégorie 1) ⁴⁾	20,4% ²⁾	25,1% ³⁾
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Déclaration attestant qu'aucun changement défavorable significatif n'a affecté les perspectives de l'émetteur, depuis la date		Il n'y a eu aucun changement défavorable significatif dans les perspectives du Groupe HVB depuis le 31 décembre 2016, date de publication des derniers états financiers audités.																																													

	<p>de ses derniers états financiers vérifiés ou description de tout changement défavorable significatif</p> <p>Description de tout changement significatif de la situation financière du groupe survenu depuis la période couverte par les informations financières historiques</p>	<p>Il ne s'est produit aucun changement significatif dans la situation financière du Groupe HVB depuis le 30 juin 2017.</p>
B.13	Evènement récent	<p>Sans objet. Aucun évènement récent propre à UniCredit Bank ne présente un intérêt significatif pour l'évaluation de sa solvabilité.</p>
B.14	B.5 plus déclaration concernant la dépendance de l'Emetteur à l'égard d'autres entités du groupe	<p>Se reporter à B.5.</p> <p>Sans objet. UniCredit Bank n'est détenu par aucune entité appartenant au Groupe HVB.</p>
B.15	Principales activités de l'Emetteur	<p>UniCredit Bank propose une gamme complète de produits et services bancaires et financiers à une clientèle privée, aux entreprises, à des clients du secteur public, à des entreprises internationales et à des clients institutionnels.</p> <p>Cette gamme s'étend des prêts immobiliers, crédits à la consommation, produits de savings-and-loan et d'assurance, et services bancaires destinés à une clientèle privée aux prêts commerciaux et financements du commerce extérieur et produits de banque d'investissement à destination des entreprises.</p>

		<p>Dans le cadre de ses activités de banque privée et de gestionnaire de patrimoine adressées à des particuliers, UniCredit Bank propose une solution complète de planification financière et de biens avec les conseils de généralistes et des spécialistes fondés sur les besoins des clients.</p> <p>HVB Group demeure le centre de compétence pour les opérations portant sur les marchés internationaux et les opérations de banque d'investissement de tout UniCredit. En outre, le secteur d'activité Corporate & Investment Banking fournit les produits pour les clients du secteur Commercial Banking.</p>
B.16	Contrôle ou détention direct(e) ou indirect(e)	UniCredit S.p.A. détient directement 100% du capital d'UniCredit Bank.

C. TITRES

C.1	Nature et catégorie des valeurs mobilières	<p>Warrants Call de style Européen</p> <p>Warrants Put de style Européen</p> <p>Les Titres seront émis sous la forme de Warrants sans valeur nominale.</p> <p>Les "Warrants" sont des titres de créance au porteur (<i>Inhaberschuldverschreibungen</i>) conformément à la Section 793 du Code Civil allemand (<i>Bürgerliches Gesetzbuch, BGB</i>).</p> <p>Les Titres sont représentés par un certificat global permanent sans coupons.</p> <p>Les porteurs de Titres (les "Porteurs de Titres") ne peuvent pas prétendre recevoir de Titres définitifs.</p> <p>Les ISIN sont précisés dans le tableau de l'Annexe de ce résumé.</p>
C.2	Devise d'émission	Les Titres sont libellés en Euro (" EUR ") (la " Devise Prévvue ").
C.5	Restrictions à la libre négociabilité des Titres	Sans objet. Les Titres sont librement négociables.
C.8	Description des droits attachés aux Titres, incluant les rangs et limitations à ces droits	<p>Droit applicable aux Titres</p> <p>Les Titres, tant sur la forme que sur le contenu, ainsi que les droits et obligations de l'Emetteur et des Porteurs de Titres sont soumis au droit de la République Fédérale d'Allemagne.</p> <p>Droits attachés aux Titres</p> <p>Les Titres ont une échéance fixe. Les Porteurs de Titres seront en droit de recevoir un versement en capital basé sur la performance d'un Sous-Jacent (tel que défini à la section C.20).</p> <p>Les Titres seront automatiquement exercés à la Date de Valorisation Finale (telle que définie à la section C.16). A la Date de Versement Finale (telle que définie à la section C.16), les Porteurs de Titres seront en droit d'exiger le</p>

		<p>versement du Montant Différentiel (tel que défini à la section C.15) (le "Droit d'Exercice").</p> <p>Les Titres ne donnent droit à aucun intérêt.</p> <p>Limitation des droits</p> <p>Si un ou plusieurs cas d'ajustement se produisent (y compris, mais sans s'y limiter, les actions de la société, changements dans les conditions de négociation, termes du contrat, modification de la méthode de détermination et/ou de publication de l'Indice sous-jacent ou l'ajustement ou la résiliation anticipée des instruments dérivés liés au sous-jacent) (les "Cas d'Ajustement") l'Agent de Calcul ajustera selon son appréciation raisonnable (section 315 BGB) les modalités de ces titres et/ou l'ensemble des prix du Sous-Jacent déterminés par l'Agent de Calcul en fonction des modalités des titres de telle sorte que la situation économique des Porteurs de Titres demeure autant que possible inchangée.</p> <p>Si un ou plusieurs cas de rappel (p. ex. si, dans l'éventualité d'un Cas d'Ajustement, un ajustement n'est pas possible ou pas raisonnable à l'égard de l'émetteur et/ou des porteurs de titres) se produisent l'Émetteur peut exceptionnellement acheter les Titres et rembourser les Titres à hauteur de leur juste valeur marchande.</p> <p>Rang des Titres</p> <p>Les engagements découlant des Titres constituent des engagements directs, inconditionnels et non-assortis de sûretés de l'Émetteur, venant <i>pari passu</i>, sauf dispositions légales contraires, que tous les autres engagements non-assortis de sûretés non-subordonnés, présents ou futurs de l'Émetteur.</p>
C.11	Admission aux négociations	<p>Une demande d'admission aux négociations à compter du 6 Avril 2018 sur les marchés réglementés ou autres marchés équivalents suivants: Euronext Paris sera faite.</p> <p>En outre, une demande de cotation sera faite, avec effet à compter du 6 Avril 2018, sur les marchés suivants: Euronext Paris sera faite.</p> <p>Le UniCredit Bank AG (le "Teneur de Marché") s'engage à apporter de la liquidité conformément aux règles de tenue de marché de Euronext Paris, où il est prévu que les Titres soient négociés. Les obligations du Teneur de Marché sont réglementées par les règles de Euronext Paris</p>
C.15	Effets du sous-jacent sur la valeur des Titres	<p>Les Titres reflètent la performance du Sous-Jacent (tel que défini à la section C.20) et permettent au Porteur de Titres de participer aux évolutions positives et négatives de la performance du Sous-Jacent pendant la durée de vie des Titres. Un changement dans le prix du Sous-Jacent pourrait avoir un effet disproportionné (effet de levier) sur le prix des titres.</p> <p>Les Warrants Call sont des Titres pour lesquels le terme "Call" est précisé dans l'Annexe à ce Résumé et grâce auxquels les Porteurs de Titres peuvent participer à l'évolution du prix du Sous-Jacent. Sous réserve de l'influence d'autres facteurs affectant le prix (comme la volatilité prévue, le taux d'intérêt, le rendement des actions, le délai jusqu'à l'échéance), si le prix du Sous-Jacent augmente, le prix du Titre augmente régulièrement.</p>

		<p>Sous réserve de l'influence d'autres facteurs affectant le prix, si le prix du Sous-Jacent baisse, le prix des Titres baisse régulièrement.</p> <p>Les Warrants Put sont des Titres pour lesquels le terme "Put" est précisé dans l'Annexe à ce Résumé et grâce auxquels les Porteurs de Titres peuvent participer à l'évolution inverse du prix du Sous-Jacent. Sous réserve de l'influence d'autres facteurs affectant le prix (comme la volatilité prévue, le taux d'intérêt, le rendement des actions, le délai jusqu'à l'échéance), si le prix du Sous-Jacent baisse, le prix du Titre augmente régulièrement. Sous réserve de l'influence d'autres facteurs affectant le prix, si le prix du Sous-Jacent augmente, le prix des Titres baisse régulièrement.</p> <p>Le "Montant Différentiel" est égal à:</p> <ul style="list-style-type: none"> - dans le cas de Warrants Call, un montant représentant la différence entre le Prix de Référence Pertinent (tel que défini à la section C.19) et le Strike lorsque le Prix de Référence Pertinent est supérieur au Strike, multiplié par le Ratio; - dans le cas de Warrants Put, un montant représentant la différence entre le Prix de Référence Pertinent et le Strike lorsque le Prix de Référence Pertinent est inférieur au Strike, multiplié par le Ratio. <p>Toutefois, le Montant Différentiel n'est jamais inférieur au Montant Minimum.</p> <p>Le "Ratio", le "Strike" et le "Montant Minimum" sont précisés dans l'Annexe de ce résumé.</p>
C.16	Date d'expiration ou d'échéance des instruments dérivés – date d'exercice ou date finale de référence	<p>La "Date de Valorisation Finale" et la "Date de Versement Finale" sont précisées dans le tableau de l'Annexe de ce résumé.</p> <p>La "Date de Valorisation" est la Date de Calcul à laquelle le Droit d'Exercice a été effectivement exercé, et au plus tard la Date de Valorisation Finale.</p>
C.17	Procédure de règlement-livraison des titres	<p>Tout paiement doit être effectué auprès de UniCredit Bank AG (l'"Agent Payeur Principal"). L'Agent Payeur Principal devra régler les montants dus au Système de Compensation afin de créditer chacun des comptes des banques dépositaires pour transfert aux Porteurs de Titres.</p> <p>Le paiement au Système de Compensation décharge l'Emetteur de ses obligations relatives aux Titres à proportion du montant dudit paiement.</p> <p>"Système de Compensation" signifie Euroclear France S.A. ("Euroclear France").</p>
C.18	Description des modalités relatives au produit des instruments	<p>Versement du Montant Différentiel à la Date de Versement Finale.</p>

	derivés	
C.19	Prix d'exercice ou prix de référence final du sous-jacent	Le " Prix de Référence Pertinent " signifie le Prix de Référence à la Date de Valorisation Finale. Le " Prix de Référence " est précisé dans le tableau de l'Annexe de ce résumé.
C.20	Description du type de sous-jacent utilisé et accès aux informations le concernant	Les Sous-Jacents sont les Actions précisées dans le tableau de l'Annexe de ce résumé. Pour plus d'informations à propos des Sous-Jacents et des performances passées et futures des Sous-Jacents et de leur volatilité, veuillez vous reporter au site internet, tel que mentionné dans le tableau ci-dessous.

D. RISQUES

D.2	Informations clés sur les principaux risques propres à l'Émetteur	<p><i>Il est important que les investisseurs potentiels soient avertis qu'en raison de la possible survenance des événements décrits ci-dessous, la valeur des titres pourrait baisser et ces investisseurs pourraient subir la perte totale de leur investissement.</i></p> <ul style="list-style-type: none"> • Risque macroéconomique Risques liés à une détérioration du développement de la macroéconomie et/ou des marchés financiers et aux incertitudes géopolitiques. • Risque systémique Risques liés aux dérèglements ou à un effondrement fonctionnel du système financier ou des parties de ce système. • Risque de Crédit (i) Risques liés à des modifications de la notation de crédit d'une contrepartie (emprunteur, contrepartie contractuelle, émetteur ou pays) ; (ii) Risques liés à la détérioration de la situation économique globale et aux effets négatifs sur la demande de crédit et la solvabilité des emprunteurs du Groupe HVB ; (iii) Risques liés à une diminution de la valeur des garanties de crédit collatéral ; (iv) Risques liés aux activités portant sur les produits dérivés/transactions ; (v) Risques liés aux expositions de crédit intra-groupe ; (vi) Risques liés aux expositions aux secteurs souverains / publics. • Risque de Marché (i) Risque de pertes potentielles pouvant survenir en cas de changement de prix de marché, d'autres paramètres pouvant influencer les prix ou d'autres événements de marché en découlant ; (ii) Risque lié aux portefeuilles de négociation et aux portefeuilles bancaires du fait d'une détérioration des conditions de marché ; (iii) Risque lié au taux d'intérêt et au change. • Risque de Liquidité (i) Risque que HVB Groupne soit pas en mesure de satisfaire ses obligations de paiement à temps ou en totalité ; (ii) Risques liés à l'approvisionnement en liquidité ; (iii) Risques liés aux transferts de liquidité intra-groupe ;(iv)
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		<p>Risque de liquidité du marché.</p> <ul style="list-style-type: none"> • Risque Opérationnel <p>(i) Risque de pertes résultant de processus internes, des personnes et de systèmes inadéquates ou défectueux, ou d'évènements extérieurs ; (ii) Risques informatiques ; (iii) Risques de non-conformité ; (iv) Risques juridiques et fiscaux .</p> <ul style="list-style-type: none"> • Risque Commercial <p>Risques de pertes liés à des changements négatifs imprévus dans le volume d'affaires et/ou les marges.</p> <ul style="list-style-type: none"> • Risque Immobilier <p>Risque de pertes résultant de la variation de la juste valeur du portefeuille immobilier du Groupe HVB.</p> <ul style="list-style-type: none"> • Risque d'Investissement Financier <p>Risque résultant de la diminution de la valeur du portefeuille d'investissement du Groupe HVB.</p> <ul style="list-style-type: none"> • Risque de Réputation <p>Des réactions défavorables des parties prenantes dues à un changement de perception de Groupe HVB peuvent avoir un impact négatif sur le compte de résultat.</p> <ul style="list-style-type: none"> • Risque Stratégique <p>(i) Risque résultant du management à ne pas reconnaître ou à ne pas correctement évaluer les développements importants ou les tendances au sein de l'environnement du Groupe HVB ; (ii) Risques découlant de l'orientation stratégique du business model du Groupe HVB ; (iii) Risques découlant de la concentration du marché bancaire ; (iv) Risques liés à des conditions concurrentielles changeantes dans le secteur financier allemand ; (v) Risques découlant d'un changement de notation de HVB.</p> <ul style="list-style-type: none"> • Risque Réglementaires <p>(i) Risques découlant de changements de l'environnement réglementaire et statutaire du Groupe HVB ; (ii) Risques liés à d'éventuelles mesures de résolution ou à une procédure de réorganisation.</p> <ul style="list-style-type: none"> • Risque lié aux Engagements de Retraite <p>Risque que le prestataire de retraite doive constituer des provisions importantes afin d'honorer les engagements au titre des droits acquis à la retraite.</p> <ul style="list-style-type: none"> • Risques liés aux activités d'externalisation <p>Type de risque croisé, qui impacte en particulier les types de risque suivants : risque opérationnel, risque de réputation, risque stratégique, risque commercial, risque de crédit, risque de marché et risque de liquidité.</p> <ul style="list-style-type: none"> • Risques liés à la concentration des risques et revenus <p>Les risques découlant des concentrations de risque et revenus pourraient augmenter les pertes potentielles et représentent un risque commercial et</p>
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		<p>stratégique pour Groupe HVB.</p> <ul style="list-style-type: none"> • Risques découlant des mesures de stress tests imposées au Groupe HVB <p>La performance commerciale de HVB et du Groupe HVB pourrait être affectée négativement en cas de mauvaise performance du HVB, Groupe HVB, UniCredit S.p.A. ou l'une des institutions financières avec lesquelles il a des relations commerciales.</p> <ul style="list-style-type: none"> • Risques liés à des modèles de mesure de risques inadéquats <p>Il est possible que les modèles internes du HVB et Groupe HVB soient qualifiés d'inadéquats à la suite d'enquête et de vérification des autorités réglementaires, ou qu'ils puissent sous-estimer les risques existants.</p> <ul style="list-style-type: none"> • Risques non identifiés/inattendus <p>HVB et le Groupe HVB pourraient encourir des pertes supérieures à celles calculées avec les méthodes de gestion des risques actuelles ou des pertes préalablement entièrement non prises en compte dans ses calculs.</p>
D.6	Informations clés sur les principaux risques propres aux titres	<p>De l'avis de l'Emetteur, les risques principaux présentés ci-dessous pourraient, pour le Porteur de Titre, affecter de manière négative la valeur des Titres et/ou les montants devant être distribués en vertu des Titres et/ou la possibilité pour le Porteur de Titres de vendre les Titres moyennant un prix raisonnable avant leur remboursement.</p> <ul style="list-style-type: none"> • Conflits d'intérêts potentiels <p>Le risque de conflits d'intérêt (tels que décrits à la section E.4) est lié au fait que l'Emetteur, les distributeurs ou une quelconque société apparentée à l'un d'eux, dans le cadre de certains rôles ou certaines opérations, pourraient protéger des intérêts potentiellement contraires ou ne tenant pas compte des intérêts des Porteurs de Titres.</p> <ul style="list-style-type: none"> • Principaux risques relatifs aux Titres <p><i>Principaux risques relatifs au marché</i></p> <p>Dans certaines circonstances un Porteur de Titres pourrait ne pas pouvoir vendre ses Titres ou ne pas pouvoir les vendre à un prix adéquat avant leur remboursement. Même dans le cas où un marché secondaire existe, il ne peut pas être exclu que le Porteur de Titre ne pourrait pas être en mesure de disposer des Titres dans le cas d'une évolution défavorable du Sous-Jacent ou d'un taux de change, e.g. si un tel développement se produit en dehors des heures de négociation des Titres.</p> <p>La valeur marchande des Titres sera affectée par la solvabilité de l'Emetteur et par un certain nombre d'autres facteurs (par exemple les taux de change, les taux d'intérêts et de rendement en vigueur, le marché des titres similaires, les circonstances générales économiques, politiques et cycliques, la négociabilité des Titres et des facteurs liés aux Sous-Jacents) et pourrait être inférieure de manière significative au prix d'achat.</p> <p>Les Porteurs de Titres ne peuvent pas compter sur la possibilité de couvrir de manière suffisante les risques de prix liés aux Titres à tout moment.</p> <p><i>Risques principaux relatifs aux Titres en général</i></p>

		<p>L'Emetteur pourrait manquer à toutes ou partie de ses obligations liées aux Titres, par exemple en cas de faillite de l'Emetteur ou en raison d'interventions gouvernementales ou réglementaires. Il n'existe pas de régime de protection des dépôts, ni aucun autre régime de compensation, pour protéger contre ce risque. L'autorité compétente en matière de résolution peut appliquer des outils de résolution qui comprennent, entre autres, un instrument de "bail-in" (par exemple, la conversion de titres en instruments de capitaux ou la dépréciation). L'application d'un outil de résolution peut affecter de façon significative les droits des Porteurs de Titres.</p> <p>Un investissement dans les Titres pourrait être illégal ou défavorable pour un investisseur potentiel ou être inapproprié, étant donné sa connaissance ou son expérience, ses besoins financiers, ses objectifs et sa situation.</p> <p>Le taux réel de rendement d'un investissement dans les Titres pourrait être réduit, nul ou même négatif (par exemple en raison de coûts accessoires liés à l'achat, la détention ou la vente des Titres, d'une future dépréciation monétaire (inflation) ou d'impacts fiscaux).</p> <p>Le montant différentiel pourrait être inférieur au Prix d'Emission ou au prix d'achat correspondant et, dans certains cas, aucun intérêt ou paiement régulier ne sera versé.</p> <p>Le produit issu des Titres pourrait ne pas couvrir le remboursement des intérêts ou du capital dus au titre d'un crédit pour financer l'achat des Titres, et ainsi requérir des capitaux additionnels.</p> <p><i>Risques relatifs aux Titres liés à un Sous-Jacent</i></p> <p><i>Risques liés à l'influence du Sous-Jacent sur la valeur marchande des Titres</i></p> <p>La valeur marchande des Titres et les montants dus en vertu des Titres dépendent de manière significative du prix du Sous-Jacent. Il est impossible de prédire l'évolution à venir du prix du Sous-Jacent. De plus, la valeur marchande des Titres sera affectée par certains facteurs liés au Sous-Jacent.</p> <p><i>Risques liés au fait que l'observation du Sous-Jacent n'a lieu qu'à certaines dates, horaires ou périodes déterminées</i></p> <p>Etant donné le fait que l'observation du Sous-Jacent ne peut intervenir qu'à des dates, horaires ou périodes déterminées, les montants dus en vertu des Titres pourraient être largement inférieurs au prix suggéré par le Sous-Jacent.</p> <p><i>Risques liés à un Strike</i></p> <p>Un Strike peut conduire les Porteurs de Titres à participer soit, dans une moindre mesure, à une performance favorable du Sous-Jacent ou, dans une plus grande mesure, dans une évolution défavorable du Sous-Jacent.</p> <p><i>Risques liés à un Ratio</i></p> <p>L'effet d'un ratio pourrait être que le Titre devienne en termes économiques semblable à un investissement direct dans le Sous-Jacent en question mais sans être toutefois totalement comparable à un tel investissement direct.</p> <p><i>Risques liés aux Cas d'Ajustement</i></p>
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		<p>de dividendes peuvent avoir un effet négatif pour le Porteur de Titre.</p> <p>Les Titres ne sont pas à capital garanti. Les investisseurs doivent être conscients qu'ils sont susceptibles de perdre tout ou partie de la valeur de leur investissement.</p>
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E. OFFRE

E.2b	Raisons de l'offre et utilisation du produit de l'émission autres que la réalisation d'un bénéfice et/ou la couverture de certains risques	Sans objet; le produit net de chaque émission de Titres sera utilisé par l'Emetteur pour ses besoins généraux, c-à-d. la réalisation de bénéfice et/ou la couverture de certains risques.
E.3	Description des modalités de l'offre	<p>Jour de la première offre au public: 6 Avril 2018</p> <p>Une offre au public sera faite en France.</p> <p>La plus petite unité transférable est 1 titre.</p> <p>La plus petite unité négociable est 1 titre.</p> <p>Les Titres seront offerts à des investisseurs qualifiés, des investisseurs particuliers et/ou des investisseurs institutionnels.</p> <p>Dès le jour de la première offre au public, les Titres seront offerts en continu.</p> <p>L'offre en continu sera réalisée à des cours vendeurs actuels fournis par l'Emetteur.</p> <p>L'offre au public peut être arrêtée à n'importe quel moment et sans motif quel qu'il soit par l'Emetteur.</p>
E.4	Tout intérêt pouvant influencer sensiblement sur l'émission/l'offre, y compris les intérêts conflictuels	<p>Tout distributeur et/ou toute société apparentée à un distributeur peut être client et/ou emprunteur de l'Emetteur et des sociétés y étant apparentées. En outre, un quelconque de ces distributeurs et sociétés affiliées pourraient avoir participé, et pourraient participer à l'avenir, à des opérations de banque d'investissement et/ou de détail avec, et pourraient accomplir des services pour l'Emetteur et ses sociétés apparentées dans le cours normal de ses activités.</p> <p>En ce qui concerne la négociation des Titres, il existe un conflit d'intérêt pour l'Emetteur étant donné que l'Emetteur est également le Teneur de Marché sur le Euronext Paris. L'Emetteur est également l'arrangeur et l'Agent de Calcul des Titres.</p> <p>Par ailleurs, des conflits d'intérêts à l'égard de l'Emetteur ou des personnes responsables de l'offre peuvent survenir pour les raisons suivantes:</p>

		<ul style="list-style-type: none"> • L'Emetteur détermine le Prix d'Emission. • L'Emetteur et une quelconque de ses sociétés apparentées agissent comme Teneur de Marché pour les Titres (cependant, ceci n'est pas une obligation). • Des Distributeurs pourraient recevoir des incitations de la part de l'Emetteur. • L'Emetteur, un quelconque Distributeur et une quelconque société apparentée interviennent en tant qu'Agent de Calcul ou Agent Payeur en ce qui concerne les Titres. • De temps à autre, l'Emetteur, un quelconque Distributeur et une quelconque de leurs sociétés apparentées pourraient intervenir dans des opérations pour leur propre compte ou pour le compte de leurs clients, qui impactent la liquidité ou le prix du Sous-Jacent ou de ses composants. • L'Emetteur, un quelconque Distributeur et une quelconque de leurs sociétés apparentées pourraient émettre des titres en lien avec le Sous-Jacent ou ses composants alors que d'autres titres ont déjà été émis en lien avec ceux-ci. • L'Emetteur, un quelconque Distributeur et une quelconque de leurs sociétés apparentées pourraient détenir ou obtenir des informations déterminantes concernant le Sous-Jacent ou ses composants (y compris des informations qui ne sont pas accessibles au public) dans le cadre de leurs activités ou d'une quelconque autre manière. • L'Emetteur, un quelconque Distributeur et une quelconque de leurs sociétés apparentées pourraient intervenir dans des activités impliquant l'émetteur du Sous-Jacent ou de ses composants, des sociétés y étant apparentées, ses concurrents ou ses garants. • L'Emetteur, un quelconque Distributeur et une quelconque de leurs sociétés apparentées pourraient également appartenir à un consortium bancaire, intervenir en tant que conseiller financier ou banque d'un sponsor ou émetteur du Sous-Jacent ou de ses composants.
E.7	Estimation des dépenses facturées à l'investisseur par l'Emetteur ou le distributeur	Sans objet. Aucune dépense ne sera facturée à l'investisseur par l'Emetteur ou un distributeur. Cependant, d'autres frais tels que des frais de garde ou des frais de transaction peuvent être facturés.

ANNEXE DU RÉSUMÉ

ISIN (C.1)	Date de Valorisation Finale (C.16)	Date de Versement Finale (C.16)	Sous-Jacent (C.20)	Prix de Référence (C.19)	Ratio (C.15)	Strike (C.15)	Montant Minimum (C.15)	Call/Put (C.15)	Site Internet (C.20)
DE000HV1X8C6	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	40	0	Call	www.euronext.com
DE000HV1X8D4	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	45	0	Call	www.euronext.com
DE000HV1X8E2	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	42	0	Call	www.euronext.com
DE000HV1X8F9	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	49	0	Call	www.euronext.com
DE000HV1X8G7	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	45	0	Put	www.euronext.com
DE000HV1X8H5	19.09.2018	26.09.2018	Accor SA	Closing Price	0,1	40	0	Put	www.euronext.com
DE000HV1X8J1	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	49	0	Put	www.euronext.com
DE000HV1X8K9	19.12.2018	28.12.2018	Accor SA	Closing Price	0,1	42	0	Put	www.euronext.com
DE000HV1X8U8	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	10	0	Call	www.euronext.com
DE000HV1X8V6	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	11	0	Call	www.euronext.com
DE000HV1X8W4	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	10	0	Put	www.euronext.com
DE000HV1X8X2	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	9	0	Put	www.euronext.com
DE000HV1X8Y0	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	8	0	Put	www.euronext.com
DE000HV1X8T0	19.12.2018	28.12.2018	Air France-KLM S.A.	Closing Price	1	9	0	Call	www.euronext.com
DE000HV1X8Z7	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	96	0	Call	www.euronext.com

DE000HV1X908	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	108	0	Call	www.euronext.com
DE000HV1X916	19.09.2018	26.09.2018	Air Liquide S.A.	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1X924	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	108	0	Put	www.euronext.com
DE000HV1X932	19.12.2018	28.12.2018	Air Liquide S.A.	Closing Price	0,1	96	0	Put	www.euronext.com
DE000HV1X8L7	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	91	0	Call	www.euronext.com
DE000HV1X8M5	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	98	0	Call	www.euronext.com
DE000HV1X8N3	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	105	0	Call	www.euronext.com
DE000HV1X8P8	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	105	0	Put	www.euronext.com
DE000HV1X8Q6	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	98	0	Put	www.euronext.com
DE000HV1X8R4	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	91	0	Put	www.euronext.com
DE000HV1X8S2	19.12.2018	28.12.2018	Airbus Group SE	Closing Price	0,1	84	0	Put	www.euronext.com
DE000HV1X957	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	170	0	Call	www.deutsche-boerse.com
DE000HV1X965	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	180	0	Call	www.deutsche-boerse.com
DE000HV1X981	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	165	0	Call	www.deutsche-boerse.com
DE000HV1X999	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	180	0	Call	www.deutsche-boerse.com
DE000HV1X9A8	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	195	0	Call	www.deutsche-boerse.com
DE000HV1X9C4	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	170	0	Put	www.deutsche-boerse.com
DE000HV1X9D2	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	180	0	Put	www.deutsche-boerse.com
DE000HV1X9E0	19.12.2018	28.12.2018	Allianz SE	Closing Price	0,1	165	0	Put	www.deutsche-boerse.com

DE000HV1X973	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	190	0	Call	www.deutsche-boerse.com
DE000HV1X9B6	19.09.2018	26.09.2018	Allianz SE	Closing Price	0,1	180	0	Put	www.deutsche-boerse.com
DE000HV1X940	19.09.2018	26.09.2018	Alstom S.A.	Closing Price	0,1	33	0	Put	www.euronext.com
DE000HV1Y492	19.12.2018	28.12.2018	ArcelorMittal S.A.	Closing Price	0,1	26	0	Call	www.euronext.com
DE000HV1Y4A8	19.12.2018	28.12.2018	ArcelorMittal S.A.	Closing Price	0,1	22	0	Put	www.euronext.com
DE000HV1Y484	19.12.2018	28.12.2018	ArcelorMittal S.A.	Closing Price	0,1	24	0	Call	www.euronext.com
DE000HV1X9G5	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1X9H3	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1X9J9	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	130	0	Call	www.euronext.com
DE000HV1X9L5	19.09.2018	26.09.2018	Atos SE	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1X9M3	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1X9N1	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1X9F7	19.09.2018	26.09.2018	Atos SE	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1X9K7	19.09.2018	26.09.2018	Atos SE	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1X9P6	19.12.2018	28.12.2018	Atos SE	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1X9Q4	13.06.2018	20.06.2018	AXA S.A.	Closing Price	1	20	0	Call	www.euronext.com
DE000HV1X9R2	19.12.2018	28.12.2018	AXA S.A.	Closing Price	1	21	0	Call	www.euronext.com
DE000HV1X9S0	19.12.2018	28.12.2018	AXA S.A.	Closing Price	1	21	0	Put	www.euronext.com
DE000HV1X9T8	19.12.2018	28.12.2018	AXA S.A.	Closing Price	1	18	0	Put	www.euronext.com

DE000HV1X9U6	19.09.2018	26.09.2018	Bayer AG	Closing Price	0,1	90	0	Call	www.deutsche-boerse.com
DE000HV1X9V4	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	75	0	Call	www.deutsche-boerse.com
DE000HV1X9W2	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	100	0	Call	www.deutsche-boerse.com
DE000HV1X9Y8	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	100	0	Put	www.deutsche-boerse.com
DE000HV1X9Z5	19.12.2018	28.12.2018	Bayer AG	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1X9X0	19.09.2018	26.09.2018	Bayer AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y005	19.09.2018	26.09.2018	Bayerische Motoren Werke AG	Closing Price	0,1	80	0	Call	www.deutsche-boerse.com
DE000HV1Y013	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	84	0	Call	www.deutsche-boerse.com
DE000HV1Y021	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	96	0	Call	www.deutsche-boerse.com
DE000HV1Y039	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	84	0	Put	www.deutsche-boerse.com
DE000HV1Y047	19.12.2018	28.12.2018	Bayerische Motoren Werke AG	Closing Price	0,1	72	0	Put	www.deutsche-boerse.com
DE000HV1Y054	13.06.2018	20.06.2018	BNP Paribas S.A.	Closing Price	0,1	57	0	Call	www.euronext.com
DE000HV1Y062	19.12.2018	28.12.2018	BNP Paribas S.A.	Closing Price	0,1	56	0	Call	www.euronext.com
DE000HV1Y070	19.12.2018	28.12.2018	BNP Paribas S.A.	Closing Price	0,1	56	0	Put	www.euronext.com
DE000HV1Y088	19.12.2018	28.12.2018	BNP Paribas S.A.	Closing Price	0,1	52	0	Put	www.euronext.com
DE000HV1Y0H1	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y0A6	19.09.2018	26.09.2018	Capgemini SE	Closing Price	0,1	98	0	Call	www.euronext.com
DE000HV1Y0B4	19.09.2018	26.09.2018	Capgemini SE	Closing Price	0,1	112	0	Call	www.euronext.com
DE000HV1Y0C2	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	100	0	Call	www.euronext.com

DE000HV1Y0D0	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y0E8	19.09.2018	26.09.2018	Capgemini SE	Closing Price	0,1	98	0	Put	www.euronext.com
DE000HV1Y0F5	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y0G3	19.12.2018	28.12.2018	Capgemini SE	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y0J7	19.12.2018	28.12.2018	Carrefour S.A.	Closing Price	0,1	16	0	Call	www.euronext.com
DE000HV1Y0K5	19.12.2018	28.12.2018	Carrefour S.A.	Closing Price	0,1	20	0	Call	www.euronext.com
DE000HV1Y0L3	19.12.2018	28.12.2018	Carrefour S.A.	Closing Price	0,1	16	0	Put	www.euronext.com
DE000HV1Y0M1	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	35	0	Call	www.euronext.com
DE000HV1Y0P4	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	42	0	Put	www.euronext.com
DE000HV1Y0Q2	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	35	0	Put	www.euronext.com
DE000HV1Y0N9	19.12.2018	28.12.2018	Casino Guichard Perrachon SA	Closing Price	0,1	42	0	Call	www.euronext.com
DE000HV1Y6R7	19.09.2018	26.09.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	40	0	Call	www.euronext.com
DE000HV1Y6S5	19.09.2018	26.09.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	45	0	Call	www.euronext.com
DE000HV1Y6T3	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	42	0	Call	www.euronext.com
DE000HV1Y6U1	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	49	0	Call	www.euronext.com
DE000HV1Y6V9	19.09.2018	26.09.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	45	0	Put	www.euronext.com
DE000HV1Y6W7	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	42	0	Put	www.euronext.com
DE000HV1Y6X5	19.12.2018	28.12.2018	Compagnie de Saint-Gobain S.A.	Closing Price	0,1	35	0	Put	www.euronext.com

DE000HV1Y3H5	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	112	0	Call	www.euronext.com
DE000HV1Y3K9	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y3L7	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1Y3M5	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	130	0	Call	www.euronext.com
DE000HV1Y3P8	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	112	0	Put	www.euronext.com
DE000HV1Y3Q6	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1Y3R4	19.12.2018	28.12.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y3J1	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	119	0	Call	www.euronext.com
DE000HV1Y3N3	19.09.2018	26.09.2018	Compagnie Generale des Etablissements Michelin SCA	Closing Price	0,1	119	0	Put	www.euronext.com
DE000HV1Y0Y6	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	200	0	Call	www.deutsche-boerse.com

DE000HV1Y0Z3	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	250	0	Call	www.deutsche-boerse.com
DE000HV1Y112	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	200	0	Put	www.deutsche-boerse.com
DE000HV1Y104	19.12.2018	28.12.2018	Continental AG	Closing Price	0,1	250	0	Put	www.deutsche-boerse.com
DE000HV1Y096	19.12.2018	28.12.2018	Credit Agricole S.A.	Closing Price	1	12	0	Call	www.euronext.com
DE000HV1Y120	19.09.2018	26.09.2018	Daimler AG	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y146	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	75	0	Call	www.deutsche-boerse.com
DE000HV1Y153	19.09.2018	26.09.2018	Daimler AG	Closing Price	0,1	60	0	Put	www.deutsche-boerse.com
DE000HV1Y161	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1Y138	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y179	19.12.2018	28.12.2018	Daimler AG	Closing Price	0,1	60	0	Put	www.deutsche-boerse.com
DE000HV1Y187	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y195	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y1A4	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y1B2	19.12.2018	28.12.2018	Danone S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y1C0	19.12.2018	28.12.2018	Deutsche Bank AG	Closing Price	1	14	0	Call	www.deutsche-boerse.com
DE000HV1Y1D8	19.12.2018	28.12.2018	Deutsche Bank AG	Closing Price	1	14	0	Put	www.deutsche-boerse.com
DE000HV1Y1E6	19.12.2018	28.12.2018	Deutsche Bank AG	Closing Price	1	7	0	Put	www.deutsche-boerse.com
DE000HV1Y1G1	19.12.2018	28.12.2018	Deutsche Telekom AG	Closing Price	1	12	0	Call	www.deutsche-boerse.com
DE000HV1Y1H9	19.09.2018	26.09.2018	Deutsche Telekom AG	Closing Price	1	12	0	Put	www.deutsche-boerse.com

DE000HV1Y1J5	19.12.2018	28.12.2018	Deutsche Telekom AG	Closing Price	1	12	0	Put	www.deutsche-boerse.com
DE000HV1Y1F3	19.09.2018	26.09.2018	Deutsche Telekom AG	Closing Price	1	12	0	Call	www.deutsche-boerse.com
DE000HV1Y1L1	13.06.2018	20.06.2018	Electricité de France S.A. (E.D.F.)	Closing Price	1	12	0	Put	www.euronext.com
DE000HV1Y1K3	13.06.2018	20.06.2018	Electricité de France S.A. (E.D.F.)	Closing Price	1	12	0	Call	www.euronext.com
DE000HV1Y1M9	19.12.2018	28.12.2018	Enel S.p.A.	Prezzo di Riferimento	1	6	0	Call	www.borsaitaliana.it
DE000HV1Y1N7	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	12	0	Call	www.borsaitaliana.it
DE000HV1Y1Q0	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	16	0	Put	www.borsaitaliana.it
DE000HV1Y1R8	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	12	0	Put	www.borsaitaliana.it
DE000HV1Y1P2	19.09.2018	26.09.2018	ENI S.p.A.	Prezzo di Riferimento	1	16	0	Call	www.borsaitaliana.it
DE000HV1Y1S6	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	100	0	Call	www.euronext.com
DE000HV1Y1T4	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1Y1U2	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1Y1V0	19.12.2018	28.12.2018	Essilor International S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y5M0	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	96	0	Call	www.borsaitaliana.it
DE000HV1Y5N8	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	104	0	Call	www.borsaitaliana.it
DE000HV1Y5P3	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	91	0	Call	www.borsaitaliana.it
DE000HV1Y5R9	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	105	0	Call	www.borsaitaliana.it
DE000HV1Y5S7	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	112	0	Call	www.borsaitaliana.it
DE000HV1Y5T5	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	104	0	Put	www.borsaitaliana.it

DE000HV1Y5V1	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	105	0	Put	www.borsaitaliana.it
DE000HV1Y5W9	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	98	0	Put	www.borsaitaliana.it
DE000HV1Y5X7	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	91	0	Put	www.borsaitaliana.it
DE000HV1Y5Q1	19.12.2018	28.12.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	98	0	Call	www.borsaitaliana.it
DE000HV1Y5U3	19.09.2018	26.09.2018	Ferrari N.V.	Prezzo di Riferimento	0,1	96	0	Put	www.borsaitaliana.it
DE000HV1Y252	19.09.2018	26.09.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	18	0	Call	www.borsaitaliana.it
DE000HV1Y245	19.09.2018	26.09.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	15	0	Call	www.borsaitaliana.it
DE000HV1Y260	19.12.2018	28.12.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	15	0	Call	www.borsaitaliana.it
DE000HV1Y278	19.09.2018	26.09.2018	Fiat Chrysler Automobiles N.V.	Prezzo di Riferimento	1	18	0	Put	www.borsaitaliana.it
DE000HV1Y2C8	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	160	0	Call	www.euronext.com
DE000HV1Y2D6	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	180	0	Call	www.euronext.com
DE000HV1Y2F1	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	180	0	Put	www.euronext.com
DE000HV1Y2G9	19.12.2018	28.12.2018	Iliad SA	Closing Price	0,1	160	0	Put	www.euronext.com
DE000HV1Y2E4	19.09.2018	26.09.2018	Iliad SA	Closing Price	0,1	150	0	Put	www.euronext.com
DE000HV1Y2H7	19.09.2018	26.09.2018	Ingenico Group S.A.	Closing Price	0,1	75	0	Call	www.euronext.com
DE000HV1Y2K1	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y2L9	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y2M7	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y2J3	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	60	0	Call	www.euronext.com

DE000HV1Y2N5	19.12.2018	28.12.2018	Ingenico Group S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y2P0	19.09.2018	26.09.2018	Intesa Sanpaolo S.p.A.	Prezzo di Riferimento	1	2,4	0	Put	www.borsaitaliana.it
DE000HV1Y4Y8	19.12.2018	28.12.2018	Kering	Closing Price	0,1	420	0	Call	www.euronext.com
DE000HV1Y4U6	19.09.2018	26.09.2018	Kering	Closing Price	0,1	390	0	Call	www.euronext.com
DE000HV1Y4V4	19.09.2018	26.09.2018	Kering	Closing Price	0,1	435	0	Call	www.euronext.com
DE000HV1Y4W2	19.12.2018	28.12.2018	Kering	Closing Price	0,1	380	0	Call	www.euronext.com
DE000HV1Y4X0	19.12.2018	28.12.2018	Kering	Closing Price	0,1	400	0	Call	www.euronext.com
DE000HV1Y4Z5	19.12.2018	28.12.2018	Kering	Closing Price	0,1	440	0	Call	www.euronext.com
DE000HV1Y500	19.09.2018	26.09.2018	Kering	Closing Price	0,1	390	0	Put	www.euronext.com
DE000HV1Y518	19.09.2018	26.09.2018	Kering	Closing Price	0,1	360	0	Put	www.euronext.com
DE000HV1Y526	19.12.2018	28.12.2018	Kering	Closing Price	0,1	420	0	Put	www.euronext.com
DE000HV1Y534	19.12.2018	28.12.2018	Kering	Closing Price	0,1	400	0	Put	www.euronext.com
DE000HV1Y542	19.12.2018	28.12.2018	Kering	Closing Price	0,1	380	0	Put	www.euronext.com
DE000HV1Y559	19.12.2018	28.12.2018	Kering	Closing Price	0,1	360	0	Put	www.euronext.com
DE000HV1Y567	19.12.2018	28.12.2018	Kering	Closing Price	0,1	340	0	Put	www.euronext.com
DE000HV1Y336	19.09.2018	26.09.2018	LafargeHolcim Ltd	Closing Price	0,1	45	0	Call	www.euronext.com
DE000HV1Y344	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	40	0	Call	www.euronext.com
DE000HV1Y351	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	50	0	Call	www.euronext.com
DE000HV1Y369	19.09.2018	26.09.2018	LafargeHolcim Ltd	Closing Price	0,1	45	0	Put	www.euronext.com

DE000HV1Y377	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	50	0	Put	www.euronext.com
DE000HV1Y385	19.12.2018	28.12.2018	LafargeHolcim Ltd	Closing Price	0,1	40	0	Put	www.euronext.com
DE000HV1Y2Q8	19.09.2018	26.09.2018	Laçardere SCA	Closing Price	1	22,5	0	Call	www.euronext.com
DE000HV1Y2R6	19.09.2018	26.09.2018	Laçardere SCA	Closing Price	1	25	0	Call	www.euronext.com
DE000HV1Y2S4	19.12.2018	28.12.2018	Laçardere SCA	Closing Price	1	20	0	Call	www.euronext.com
DE000HV1Y2T2	19.12.2018	28.12.2018	Laçardere SCA	Closing Price	1	25	0	Call	www.euronext.com
DE000HV1Y2U0	19.09.2018	26.09.2018	Laçardere SCA	Closing Price	1	22,5	0	Put	www.euronext.com
DE000HV1Y2V8	19.12.2018	28.12.2018	Laçardere SCA	Closing Price	1	25	0	Put	www.euronext.com
DE000HV1Y2W6	19.12.2018	28.12.2018	Laçardere SCA	Closing Price	1	20	0	Put	www.euronext.com
DE000HV1Y2Y2	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y2X4	19.09.2018	26.09.2018	Legrand S.A.	Closing Price	0,1	65	0	Call	www.euronext.com
DE000HV1Y2Z9	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y302	19.09.2018	26.09.2018	Legrand S.A.	Closing Price	0,1	65	0	Put	www.euronext.com
DE000HV1Y310	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y328	19.12.2018	28.12.2018	Legrand S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y4J9	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	180	0	Call	www.euronext.com
DE000HV1Y4K7	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	200	0	Call	www.euronext.com
DE000HV1Y4M3	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	200	0	Put	www.euronext.com
DE000HV1Y4N1	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	180	0	Put	www.euronext.com

DE000HV1Y4P6	19.12.2018	28.12.2018	L'OREAL S.A.	Closing Price	0,1	160	0	Put	www.euronext.com
DE000HV1Y4L5	19.09.2018	26.09.2018	L'OREAL S.A.	Closing Price	0,1	165	0	Put	www.euronext.com
DE000HV1Y393	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	240	0	Call	www.euronext.com
DE000HV1Y3A0	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	255	0	Call	www.euronext.com
DE000HV1Y3B8	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	270	0	Call	www.euronext.com
DE000HV1Y3C6	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	285	0	Call	www.euronext.com
DE000HV1Y3D4	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	270	0	Put	www.euronext.com
DE000HV1Y3F9	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	240	0	Put	www.euronext.com
DE000HV1Y3G7	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	225	0	Put	www.euronext.com
DE000HV1Y3E2	19.12.2018	28.12.2018	LVMH Moët Hennessy - Louis Vuitton SE	Closing Price	0,1	255	0	Put	www.euronext.com
DE000HV1Y450	19.12.2018	28.12.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	2,5	0	Call	www.borsaitaliana.it
DE000HV1Y468	19.09.2018	26.09.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	3	0	Put	www.borsaitaliana.it
DE000HV1Y476	19.12.2018	28.12.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	2,5	0	Put	www.borsaitaliana.it
DE000HV1Y443	19.09.2018	26.09.2018	MEDIASET S.p.A.	Prezzo di Riferimento	1	3	0	Call	www.borsaitaliana.it
DE000HV1Y3T0	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	90	0	Call	www.deutsche-boerse.com

DE000HV1Y3U8	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	95	0	Call	www.deutsche-boerse.com
DE000HV1Y3V6	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	80	0	Call	www.deutsche-boerse.com
DE000HV1Y3X2	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	100	0	Call	www.deutsche-boerse.com
DE000HV1Y3Y0	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y3Z7	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	85	0	Put	www.deutsche-boerse.com
DE000HV1Y419	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y427	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	80	0	Put	www.deutsche-boerse.com
DE000HV1Y435	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	70	0	Put	www.deutsche-boerse.com
DE000HV1Y3S2	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	85	0	Call	www.deutsche-boerse.com
DE000HV1Y3W4	19.12.2018	28.12.2018	MorphoSys AG	Closing Price	0,1	90	0	Call	www.deutsche-boerse.com
DE000HV1Y401	19.09.2018	26.09.2018	MorphoSys AG	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1Y0R0	19.09.2018	26.09.2018	Natixis SA	Closing Price	1	7	0	Call	www.euronext.com
DE000HV1Y0T6	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	7	0	Call	www.euronext.com
DE000HV1Y0U4	19.09.2018	26.09.2018	Natixis SA	Closing Price	1	7	0	Put	www.euronext.com
DE000HV1Y0V2	19.09.2018	26.09.2018	Natixis SA	Closing Price	1	5,6	0	Put	www.euronext.com
DE000HV1Y0X8	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	6	0	Put	www.euronext.com
DE000HV1Y0S8	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	6	0	Call	www.euronext.com
DE000HV1Y0W0	19.12.2018	28.12.2018	Natixis SA	Closing Price	1	7	0	Put	www.euronext.com
DE000HV1Y4B6	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	4	0	Call	www.nasdaqomxnordic.com

DE000HV1Y4D2	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	5	0	Put	www.nasdaqomxnordic.com
DE000HV1Y4E0	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	4	0	Put	www.nasdaqomxnordic.com
DE000HV1Y4C4	19.12.2018	28.12.2018	Nokia OYJ	Closing Price	1	5	0	Call	www.nasdaqomxnordic.com
DE000HV1Y4F7	13.06.2018	20.06.2018	Orange S.A.	Closing Price	1	13,5	0	Call	www.euronext.com
DE000HV1Y4H3	13.06.2018	20.06.2018	Orange S.A.	Closing Price	1	13,5	0	Put	www.euronext.com
DE000HV1Y4G5	19.12.2018	28.12.2018	Orange S.A.	Closing Price	1	12	0	Call	www.euronext.com
DE000HV1Y4Q4	19.12.2018	28.12.2018	Pernod Ricard S.A.	Closing Price	0,1	147	0	Call	www.euronext.com
DE000HV1Y4R2	19.09.2018	26.09.2018	Pernod Ricard S.A.	Closing Price	0,1	130	0	Put	www.euronext.com
DE000HV1Y4S0	19.09.2018	26.09.2018	Peugeot S.A.	Closing Price	1	21	0	Call	www.euronext.com
DE000HV1Y4T8	19.12.2018	28.12.2018	Peugeot S.A.	Closing Price	1	22,5	0	Call	www.euronext.com
DE000HV1Y575	19.09.2018	26.09.2018	Porsche Automobil Holding SE	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y583	19.09.2018	26.09.2018	Porsche Automobil Holding SE	Closing Price	0,1	70	0	Call	www.deutsche-boerse.com
DE000HV1Y591	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	60	0	Call	www.deutsche-boerse.com
DE000HV1Y5A5	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	75	0	Call	www.deutsche-boerse.com
DE000HV1Y5B3	19.09.2018	26.09.2018	Porsche Automobil Holding SE	Closing Price	0,1	70	0	Put	www.deutsche-boerse.com
DE000HV1Y5D9	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	60	0	Put	www.deutsche-boerse.com
DE000HV1Y5C1	19.12.2018	28.12.2018	Porsche Automobil Holding SE	Closing Price	0,1	75	0	Put	www.deutsche-boerse.com
DE000HV1Y5E7	19.09.2018	26.09.2018	Publicis Groupe S.A.	Closing Price	0,1	55	0	Call	www.euronext.com
DE000HV1Y5F4	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	50	0	Call	www.euronext.com

DE000HV1Y5H0	19.09.2018	26.09.2018	Publicis Groupe S.A.	Closing Price	0,1	55	0	Put	www.euronext.com
DE000HV1Y5J6	19.09.2018	26.09.2018	Publicis Groupe S.A.	Closing Price	0,1	50	0	Put	www.euronext.com
DE000HV1Y5K4	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y5G2	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	60	0	Call	www.euronext.com
DE000HV1Y5L2	19.12.2018	28.12.2018	Publicis Groupe S.A.	Closing Price	0,1	50	0	Put	www.euronext.com
DE000HV1Y5Z2	19.09.2018	26.09.2018	Renault S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y609	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	105	0	Call	www.euronext.com
DE000HV1Y617	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	112	0	Call	www.euronext.com
DE000HV1Y633	19.09.2018	26.09.2018	Renault S.A.	Closing Price	0,1	105	0	Put	www.euronext.com
DE000HV1Y641	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	105	0	Put	www.euronext.com
DE000HV1Y658	19.12.2018	28.12.2018	Renault S.A.	Closing Price	0,1	98	0	Put	www.euronext.com
DE000HV1Y5Y5	13.06.2018	20.06.2018	Renault S.A.	Closing Price	0,1	105	0	Call	www.euronext.com
DE000HV1Y625	13.06.2018	20.06.2018	Renault S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y674	19.09.2018	26.09.2018	Safran S.A.	Closing Price	0,1	84	0	Put	www.euronext.com
DE000HV1Y666	19.09.2018	26.09.2018	Safran S.A.	Closing Price	0,1	84	0	Call	www.euronext.com
DE000HV1Y682	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	63	0	Call	www.euronext.com
DE000HV1Y690	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y6B1	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	56	0	Put	www.euronext.com
DE000HV1Y6A3	19.12.2018	28.12.2018	Sanofi S.A.	Closing Price	0,1	63	0	Put	www.euronext.com

DE000HV1Y6C9	19.09.2018	26.09.2018	Schneider Electric SA	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y6D7	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y6F2	19.09.2018	26.09.2018	Schneider Electric SA	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y6G0	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y6H8	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y6E5	19.12.2018	28.12.2018	Schneider Electric SA	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y6Y3	19.09.2018	26.09.2018	Siemens AG	Closing Price	0,1	100	0	Call	www.deutsche-boerse.com
DE000HV1Y6Z0	19.09.2018	26.09.2018	Siemens AG	Closing Price	0,1	110	0	Call	www.deutsche-boerse.com
DE000HV1Y708	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	105	0	Call	www.deutsche-boerse.com
DE000HV1Y716	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	120	0	Call	www.deutsche-boerse.com
DE000HV1Y724	19.09.2018	26.09.2018	Siemens AG	Closing Price	0,1	110	0	Put	www.deutsche-boerse.com
DE000HV1Y732	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	105	0	Put	www.deutsche-boerse.com
DE000HV1Y740	19.12.2018	28.12.2018	Siemens AG	Closing Price	0,1	90	0	Put	www.deutsche-boerse.com
DE000HV1Y1W8	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y1X6	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	90	0	Call	www.euronext.com
DE000HV1Y1Y4	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y1Z1	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	90	0	Call	www.euronext.com
DE000HV1Y203	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y211	19.09.2018	26.09.2018	Sodexo	Closing Price	0,1	80	0	Put	www.euronext.com

DE000HV1Y229	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y237	19.12.2018	28.12.2018	Sodexo	Closing Price	0,1	80	0	Put	www.euronext.com
DE000HV1Y765	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y773	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	120	0	Call	www.euronext.com
DE000HV1Y781	19.09.2018	26.09.2018	Solvay S.A.	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y799	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	120	0	Put	www.euronext.com
DE000HV1Y7A1	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	110	0	Put	www.euronext.com
DE000HV1Y7B9	19.12.2018	28.12.2018	Solvay S.A.	Closing Price	0,1	100	0	Put	www.euronext.com
DE000HV1Y757	19.09.2018	26.09.2018	Solvay S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y286	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	25	0	Call	www.euronext.com
DE000HV1Y294	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	30	0	Call	www.euronext.com
DE000HV1Y2A2	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	25	0	Put	www.euronext.com
DE000HV1Y2B0	19.12.2018	28.12.2018	TechnipFMC plc	Closing Price	0,1	20	0	Put	www.euronext.com
DE000HV1Y7K0	19.09.2018	26.09.2018	Telecom Italia S.p.A.	Prezzo di Riferimento	1	0,8	0	Put	www.borsaitaliana.it
DE000HV1Y7C7	19.09.2018	26.09.2018	Thales S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y7D5	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	90	0	Call	www.euronext.com
DE000HV1Y7E3	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	100	0	Call	www.euronext.com
DE000HV1Y7G8	19.09.2018	26.09.2018	Thales S.A.	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y7H6	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	100	0	Put	www.euronext.com

DE000HV1Y7J2	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	90	0	Put	www.euronext.com
DE000HV1Y7F0	19.12.2018	28.12.2018	Thales S.A.	Closing Price	0,1	110	0	Call	www.euronext.com
DE000HV1Y7L8	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	70	0	Call	www.euronext.com
DE000HV1Y7M6	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	80	0	Call	www.euronext.com
DE000HV1Y7P9	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y7Q7	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	60	0	Put	www.euronext.com
DE000HV1Y7N4	19.12.2018	28.12.2018	UBISOFT Entertainment S.A.	Closing Price	0,1	80	0	Put	www.euronext.com
DE000HV1Y7R5	13.06.2018	20.06.2018	Unibail-Rodamco SE	Closing Price	0,1	180	0	Call	www.euronext.com
DE000HV1Y7S3	19.09.2018	26.09.2018	Unibail-Rodamco SE	Closing Price	0,1	160	0	Put	www.euronext.com
DE000HV1Y880	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	49	0	Call	www.euronext.com
DE000HV1Y898	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	56	0	Call	www.euronext.com
DE000HV1Y8A9	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	63	0	Call	www.euronext.com
DE000HV1Y8B7	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	56	0	Put	www.euronext.com
DE000HV1Y8C5	19.12.2018	28.12.2018	Valeo S.A.	Closing Price	0,1	49	0	Put	www.euronext.com
DE000HV1Y856	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	6	0	Call	www.euronext.com
DE000HV1Y864	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	6	0	Put	www.euronext.com
DE000HV1Y872	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	3	0	Put	www.euronext.com
DE000HV1Y849	19.12.2018	28.12.2018	Vallourec S.A.	Closing Price	1	3	0	Call	www.euronext.com
DE000HV1Y7T1	19.09.2018	26.09.2018	Veolia Environnement SA	Closing Price	1	18	0	Call	www.euronext.com

DE000HV1Y7U9	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	18	0	Call	www.euronext.com
DE000HV1Y7V7	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	21	0	Call	www.euronext.com
DE000HV1Y7X3	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	21	0	Put	www.euronext.com
DE000HV1Y7Y1	19.12.2018	28.12.2018	Veolia Environnement SA	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1Y7W5	19.09.2018	26.09.2018	Veolia Environnement SA	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1Y6K2	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	77	0	Call	www.euronext.com
DE000HV1Y6L0	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	84	0	Call	www.euronext.com
DE000HV1Y6M8	19.09.2018	26.09.2018	Vinci S.A.	Closing Price	0,1	72	0	Put	www.euronext.com
DE000HV1Y6N6	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	84	0	Put	www.euronext.com
DE000HV1Y6P1	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	77	0	Put	www.euronext.com
DE000HV1Y6Q9	19.12.2018	28.12.2018	Vinci S.A.	Closing Price	0,1	70	0	Put	www.euronext.com
DE000HV1Y6J4	19.09.2018	26.09.2018	Vinci S.A.	Closing Price	0,1	75	0	Call	www.euronext.com
DE000HV1Y7Z8	19.09.2018	26.09.2018	Vivendi S.A.	Closing Price	1	24	0	Call	www.euronext.com
DE000HV1Y815	19.12.2018	28.12.2018	Vivendi S.A.	Closing Price	1	25	0	Call	www.euronext.com
DE000HV1Y823	19.09.2018	26.09.2018	Vivendi S.A.	Closing Price	1	18	0	Put	www.euronext.com
DE000HV1Y831	19.12.2018	28.12.2018	Vivendi S.A.	Closing Price	1	20	0	Put	www.euronext.com
DE000HV1Y807	19.12.2018	28.12.2018	Vivendi S.A.	Closing Price	1	20	0	Call	www.euronext.com
DE000HV1Y8D3	19.09.2018	26.09.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	1	160	0	Call	www.deutsche-boerse.com
DE000HV1Y8E1	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	150	0	Call	www.deutsche-boerse.com

DE000HV1Y8F8	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	175	0	Call	www.deutsche-boerse.com
DE000HV1Y8G6	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	175	0	Put	www.deutsche-boerse.com
DE000HV1Y8H4	19.12.2018	28.12.2018	Volkswagen AG (Vorzugsaktien)	Closing Price	0,1	150	0	Put	www.deutsche-boerse.com