

NOTICE TO THE HOLDERS

of

each Series of Securities currently outstanding referred to in the Schedule hereto
(each an "**Affected Series**", and the holders thereof, the "**Holders**")

of

BNP Paribas Issuance B.V. (the "**Issuer**")
Guaranteed by BNP Paribas

issued pursuant to the Issuer's Note, Warrant and Certificate Programme, under the terms and conditions of the Securities (the "**Conditions**") set out in the Base Prospectus dated 25 September 2020 (the "**2020 Base Prospectus**"), 27 September 2019 (the "**2019 Base Prospectus**") or 28 September 2018 (the "**2018 Base Prospectus**") (in each case, as supplemented from time to time) as specified in the Schedule hereto.

Capitalised terms used but not otherwise defined herein shall have the meanings given to such terms in the relevant Conditions.

NOTICE IS HEREBY GIVEN to the holders of each Affected Series that:

1. STATUS OF LIBOR

- 1.1 Certain base rates, including the London Interbank Offered Rate ("**LIBOR**"), are the subject of on-going national and international regulatory guidance and proposals for reform.
- 1.2 On 5 March 2021, ICE Benchmark Administration Limited ("**IBA**"), the authorised and regulated administrator of LIBOR, announced its intention to cease the publication of all 35 LIBOR settings on 31 December 2021, or for certain U.S. Dollar LIBOR settings, on 30 June 2023. The IBA notified the Financial Conduct Authority ("**FCA**") of its intention and on the same date, the FCA published an announcement on the future cessation and loss of representativeness of the 35 LIBOR settings (the "**FCA Announcement**"). Permanent cessation will occur immediately after 31 December 2021 for all Swiss Franc LIBOR tenors (including 1-month Swiss Franc LIBOR ("**1M CHF LIBOR**")).
- 1.3 Regulatory authorities are strongly encouraging the transition away from the use of Interbank Offered Rates such as 1M CHF LIBOR in the financial markets and risk free rates have been identified to take their place as primary benchmarks.

2. IMPACT ON EACH AFFECTED SERIES

- 2.1 Each Affected Series references 1M CHF LIBOR for the purposes of determining the relevant Interbank Rate 1 and/or Interbank Rate 2, as applicable. 1M CHF LIBOR is a Benchmark, as such term is defined in W&C Security Condition 15.1. The Calculation Agent has determined that a Benchmark Modification or Cessation Event constituting an Administrator/Benchmark Event has occurred with respect to each Affected Series as a consequence of the FCA Announcement. The occurrence of such Administrator/Benchmark Event in turn constitutes the occurrence of an Optional Additional Disruption Event. In accordance with W&C Security Condition 15.2, the Issuer has required the Calculation Agent to determine the appropriate adjustment(s) to be made to the Conditions and the Final Terms including selecting Swiss Average Rate Overnight ("**SARON**") as a successor benchmark in respect of each Affected Series and determine the effective date of the adjustment(s).
- 2.2 This Notice is a notification from the Issuer in accordance with W&C Security Condition 15.3 of the occurrence of the Optional Additional Disruption Event and the related adjustments that the Calculation Agent has determined are necessary to replace references to 1M CHF LIBOR with references to SARON and make other adjustments to account for the effect of referencing SARON.

3. AMENDMENTS TO EACH AFFECTED SERIES TO PROVIDE FOR SUCCESSOR BENCHMARK

The Calculation Agent has determined that with effect on and from 15 December 2021, in respect of each Affected Series, the Final Terms will be amended as follows:

- (a) the relevant Interbank Rate 1 Screen Page and/or Interbank Rate 2 Screen Page, as applicable, shall be "SARON.S";
- (b) the relevant Interbank Rate 1 Specified Time and/or Interbank Rate 2 Specified Time, as applicable, shall be "6.00 p.m. (Zurich time)";
- (c) any other references therein to 1M CHF LIBOR, howsoever described, shall be deemed to be references to "SARON"; and
- (d) any references to ICE Benchmark Administration Limited as the Administrator of the relevant Benchmark, shall be deemed to be references to SIX Swiss Exchange AG.

4. AMENDMENTS TO EACH AFFECTED SERIES TO PROVIDE FOR OTHER ADJUSTMENTS

The Calculation Agent has determined that with effect on and from 15 December 2021, in respect of each Affected Series issued pursuant to the 2019 Base Prospectus or the 2018 Base Prospectus, OET Certificate Condition 1 (*Definitions*) in Annex 10 – Additional Terms and Conditions for OET Certificates shall be amended as follows:

- (a) the definition of "Interbank Rate 1" shall be deleted and replaced with the following:

"Interbank Rate 1" means the offered quotation for the rate which appears on the Interbank Rate 1 Screen Page at the Interbank Rate 1 Specified Time on day_t as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner (the **"Original Interbank Rate 1"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such day_t acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Interbank Rate 1 in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Interbank Rate 1; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Interbank Rate 1.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Interbank Rate 1, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of any calendar day that such rate is no longer comparable to the Original Interbank Rate 1 or no longer constitutes an industry accepted successor rate, in which case, a new replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent calendar day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;"; and

- (b) the definition of "Interbank Rate 2" shall be deleted and replaced with the following:

"Interbank Rate 2" means the offered quotation for the rate which appears on the Interbank Rate 2 Screen Page at the Interbank Rate 2 Specified Time on day_t as determined by the Calculation Agent, acting in good faith and in a commercially reasonable manner (the **"Original Interbank Rate 2"**), provided that if (i) the relevant rate does not appear on such page at such time, (ii) there has been a permanent or indefinite cancellation of the relevant rate, (iii) the relevant rate ceases to exist or ceases to be published permanently or indefinitely or (iv) it is unlawful or impracticable for the Calculation Agent to make any calculations or determinations using the relevant rate, the Calculation Agent may determine the relevant rate for such day_t acting in good faith and in a commercially reasonable manner at such time as it may select. In determining the relevant rate, the Calculation Agent may have regard to any sources(s) it considers appropriate, including, but not limited to:

- (a) any alternative rate selected by the central bank, reserve bank, monetary authority or any similar institution (including any committee or working group thereof) in the jurisdiction or region of the currency in which the relevant rate is denominated (each a **"Relevant Nominating Body"**), that is consistent with industry accepted standards, provided that, if two or more alternative rates are selected by any Relevant Nominating Body, the Issuer or the Calculation Agent, as applicable, shall determine which of those rates is most appropriate to preserve the economic features of the relevant Securities;
- (b) any alternative rate that has replaced the Original Interbank Rate 2 in customary market usage in the international debt capital markets for the purposes of determining floating rates of interest on the same basis as the Original Interbank Rate 2; or
- (c) such other rate as the Calculation Agent determines is most comparable to the Original Interbank Rate 2.

The Calculation Agent will apply such adjustments that are formally recommended by any Relevant Nominating Body or, if none, may determine any adjustments that are in customary market usage in the international debt capital markets needed to make the replacement rate comparable to the Original Interbank Rate 2, acting in good faith and in a commercially reasonable manner.

The determination of a replacement rate and any applicable adjustments will (in the absence of manifest error) be final and binding, unless the Calculation Agent subsequently determines in respect of any calendar day that such rate is no longer comparable to the Original Interbank Rate 2 or no longer constitutes an industry accepted successor rate, in which case, a new

replacement rate shall be determined in accordance with paragraph (a), (b) or (c) above for each subsequent calendar day. If the Calculation Agent is unable to or otherwise does not determine a further replacement rate, then the rate will remain unchanged;"

5. GENERAL

This Notice shall be governed by and construed in accordance with French law.

Dated 15 December 2021

Issued by: BNP Paribas Issuance B.V.

Issuer

BNP Paribas Issuance B.V.
Herengracht 595
1017 CE Amsterdam
The Netherlands

SCHEDULE – AFFECTED SERIES

Each Affected Series (identified by ISIN, Issue Date and Base Prospectus):

ISIN	Issue Date	Base Prospectus
CH0510853085	28 November 2019	2019 Base Prospectus
CH0510853119	28 November 2019	2019 Base Prospectus
CH0510853127	28 November 2019	2019 Base Prospectus
CH0510853101	28 November 2019	2019 Base Prospectus
CH0510853093	28 November 2019	2019 Base Prospectus
CH0510859900	5 December 2019	2019 Base Prospectus
CH0510858886	5 December 2019	2019 Base Prospectus
CH0510858944	5 December 2019	2019 Base Prospectus
CH0510859959	5 December 2019	2019 Base Prospectus
CH0510859991	5 December 2019	2019 Base Prospectus
CH0510860007	5 December 2019	2019 Base Prospectus
CH0510859157	5 December 2019	2019 Base Prospectus
CH0510859223	5 December 2019	2019 Base Prospectus
CH0510859520	5 December 2019	2019 Base Prospectus
CH0510858233	5 December 2019	2019 Base Prospectus
CH0510857763	5 December 2019	2019 Base Prospectus
CH0510859181	5 December 2019	2019 Base Prospectus
CH0510859199	5 December 2019	2019 Base Prospectus
CH0510860239	5 December 2019	2019 Base Prospectus
CH0510860262	5 December 2019	2019 Base Prospectus
CH0510858274	5 December 2019	2019 Base Prospectus
CH0510858878	5 December 2019	2019 Base Prospectus
CH0510859892	5 December 2019	2019 Base Prospectus
CH0510859546	5 December 2019	2019 Base Prospectus
CH0510859140	5 December 2019	2019 Base Prospectus
CH0510859231	5 December 2019	2019 Base Prospectus
CH0510860221	5 December 2019	2019 Base Prospectus
CH0510860254	5 December 2019	2019 Base Prospectus
CH0510857698	5 December 2019	2019 Base Prospectus
CH0510857714	5 December 2019	2019 Base Prospectus
CH0510857789	5 December 2019	2019 Base Prospectus
CH0510859280	5 December 2019	2019 Base Prospectus
CH0510859496	5 December 2019	2019 Base Prospectus
CH0510859850	5 December 2019	2019 Base Prospectus
CH0510859884	5 December 2019	2019 Base Prospectus
CH0510858902	5 December 2019	2019 Base Prospectus
CH0510858928	5 December 2019	2019 Base Prospectus
CH0510858936	5 December 2019	2019 Base Prospectus
CH0510859967	5 December 2019	2019 Base Prospectus
CH0510860015	5 December 2019	2019 Base Prospectus
CH0510859611	5 December 2019	2019 Base Prospectus
CH0510859637	5 December 2019	2019 Base Prospectus

CH0510860205	5 December 2019	2019 Base Prospectus
CH0510860213	5 December 2019	2019 Base Prospectus
CH0510857680	5 December 2019	2019 Base Prospectus
CH0510859462	5 December 2019	2019 Base Prospectus
CH0510859470	5 December 2019	2019 Base Prospectus
CH0510859488	5 December 2019	2019 Base Prospectus
CH0510859843	5 December 2019	2019 Base Prospectus
CH0510859926	5 December 2019	2019 Base Prospectus
CH0510858951	5 December 2019	2019 Base Prospectus
CH0510859983	5 December 2019	2019 Base Prospectus
CH0510859579	5 December 2019	2019 Base Prospectus
CH0510859132	5 December 2019	2019 Base Prospectus
CH0510859165	5 December 2019	2019 Base Prospectus
CH0510859652	5 December 2019	2019 Base Prospectus
CH0510859660	5 December 2019	2019 Base Prospectus
CH0510858241	5 December 2019	2019 Base Prospectus
CH0510858258	5 December 2019	2019 Base Prospectus
CH0510857706	5 December 2019	2019 Base Prospectus
CH0510857755	5 December 2019	2019 Base Prospectus
CH0510859272	5 December 2019	2019 Base Prospectus
CH0510859504	5 December 2019	2019 Base Prospectus
CH0510859512	5 December 2019	2019 Base Prospectus
CH0510859876	5 December 2019	2019 Base Prospectus
CH0510859918	5 December 2019	2019 Base Prospectus
CH0510858910	5 December 2019	2019 Base Prospectus
CH0510859538	5 December 2019	2019 Base Prospectus
CH0510859553	5 December 2019	2019 Base Prospectus
CH0510859587	5 December 2019	2019 Base Prospectus
CH0510859595	5 December 2019	2019 Base Prospectus
CH0510859173	5 December 2019	2019 Base Prospectus
CH0510860197	5 December 2019	2019 Base Prospectus
CH0510857730	5 December 2019	2019 Base Prospectus
CH0510859868	5 December 2019	2019 Base Prospectus
CH0510859934	5 December 2019	2019 Base Prospectus
CH0510859561	5 December 2019	2019 Base Prospectus
CH0510859603	5 December 2019	2019 Base Prospectus
CH0510859629	5 December 2019	2019 Base Prospectus
CH0510860189	5 December 2019	2019 Base Prospectus
CH0510858266	5 December 2019	2019 Base Prospectus
CH0510857722	5 December 2019	2019 Base Prospectus
CH0510859256	5 December 2019	2019 Base Prospectus
CH0510859264	5 December 2019	2019 Base Prospectus
CH0510858894	5 December 2019	2019 Base Prospectus
CH0510859942	5 December 2019	2019 Base Prospectus
CH0510859975	5 December 2019	2019 Base Prospectus
CH0510859645	5 December 2019	2019 Base Prospectus
CH0510859207	5 December 2019	2019 Base Prospectus

CH0510859215	5 December 2019	2019 Base Prospectus
CH0510859249	5 December 2019	2019 Base Prospectus
CH0510860247	5 December 2019	2019 Base Prospectus
CH0510857771	5 December 2019	2019 Base Prospectus
CH0510857748	5 December 2019	2019 Base Prospectus
CH0510863498	9 December 2019	2019 Base Prospectus
CH0510863464	9 December 2019	2019 Base Prospectus
CH0510863480	9 December 2019	2019 Base Prospectus
CH0510863472	9 December 2019	2019 Base Prospectus
CH0510864207	10 December 2019	2019 Base Prospectus
CH0510864199	10 December 2019	2019 Base Prospectus
CH0510864173	10 December 2019	2019 Base Prospectus
CH0510864090	10 December 2019	2019 Base Prospectus
CH0510864082	10 December 2019	2019 Base Prospectus
CH0510864223	10 December 2019	2019 Base Prospectus
CH0510864181	10 December 2019	2019 Base Prospectus
CH0510864108	10 December 2019	2019 Base Prospectus
CH0510864215	10 December 2019	2019 Base Prospectus
CH0510864231	10 December 2019	2019 Base Prospectus
CH0515134192	16 December 2019	2019 Base Prospectus
CH0515134226	16 December 2019	2019 Base Prospectus
CH0515134200	16 December 2019	2019 Base Prospectus
CH0515136536	17 December 2019	2019 Base Prospectus
CH0515136551	17 December 2019	2019 Base Prospectus
CH0515136387	17 December 2019	2019 Base Prospectus
CH0515136510	17 December 2019	2019 Base Prospectus
CH0515136544	17 December 2019	2019 Base Prospectus
CH0515136346	17 December 2019	2019 Base Prospectus
CH0515136379	17 December 2019	2019 Base Prospectus
CH0515136361	17 December 2019	2019 Base Prospectus
CH0515136502	17 December 2019	2019 Base Prospectus
CH0515137542	17 December 2019	2019 Base Prospectus
CH0515136353	17 December 2019	2019 Base Prospectus
CH0515136528	17 December 2019	2019 Base Prospectus
CH0515143391	23 December 2019	2019 Base Prospectus
CH0515143433	23 December 2019	2019 Base Prospectus
CH0515143367	23 December 2019	2019 Base Prospectus
CH0515143375	23 December 2019	2019 Base Prospectus
CH0515143409	23 December 2019	2019 Base Prospectus
CH0515143359	23 December 2019	2019 Base Prospectus
CH0515143383	23 December 2019	2019 Base Prospectus
CH0515143417	23 December 2019	2019 Base Prospectus
CH0515143839	23 December 2019	2019 Base Prospectus
CH0520210227	22 January 2020	2019 Base Prospectus
CH0520210334	22 January 2020	2019 Base Prospectus
CH0520210144	22 January 2020	2019 Base Prospectus
CH0520210417	22 January 2020	2019 Base Prospectus

CH0520210193	22 January 2020	2019 Base Prospectus
CH0520210201	22 January 2020	2019 Base Prospectus
CH0520210219	22 January 2020	2019 Base Prospectus
CH0520210235	22 January 2020	2019 Base Prospectus
CH0520210177	22 January 2020	2019 Base Prospectus
CH0520210169	22 January 2020	2019 Base Prospectus
CH0520210094	22 January 2020	2019 Base Prospectus
CH0520210185	22 January 2020	2019 Base Prospectus
CH0520210359	22 January 2020	2019 Base Prospectus
CH0520210086	22 January 2020	2019 Base Prospectus
CH0520210151	22 January 2020	2019 Base Prospectus
CH0520210342	22 January 2020	2019 Base Prospectus
CH0520210656	22 January 2020	2019 Base Prospectus
CH0521607173	23 January 2020	2019 Base Prospectus
CH0521607660	23 January 2020	2019 Base Prospectus
CH0521607181	23 January 2020	2019 Base Prospectus
CH0521606316	23 January 2020	2019 Base Prospectus
CH0521607579	23 January 2020	2019 Base Prospectus
CH0521606324	23 January 2020	2019 Base Prospectus
CH0521606480	23 January 2020	2019 Base Prospectus
CH0520212348	30 January 2020	2019 Base Prospectus
CH0520212199	30 January 2020	2019 Base Prospectus
CH0520213361	30 January 2020	2019 Base Prospectus
CH0520213353	30 January 2020	2019 Base Prospectus
CH0520213346	30 January 2020	2019 Base Prospectus
CH0520212207	30 January 2020	2019 Base Prospectus
CH0520213338	30 January 2020	2019 Base Prospectus
CH0522742177	27 February 2020	2019 Base Prospectus
CH0523229794	3 March 2020	2019 Base Prospectus
CH0523762414	3 March 2020	2019 Base Prospectus
CH0523762422	3 March 2020	2019 Base Prospectus
CH0523230123	3 March 2020	2019 Base Prospectus
CH0523230339	3 March 2020	2019 Base Prospectus
CH0523762711	3 March 2020	2019 Base Prospectus
CH0523762927	3 March 2020	2019 Base Prospectus
CH0523229539	3 March 2020	2019 Base Prospectus
CH0523229760	3 March 2020	2019 Base Prospectus
CH0523229588	3 March 2020	2019 Base Prospectus
CH0523762331	3 March 2020	2019 Base Prospectus
CH0523762364	3 March 2020	2019 Base Prospectus
CH0523762703	3 March 2020	2019 Base Prospectus
CH0523762687	3 March 2020	2019 Base Prospectus
CH0523229844	3 March 2020	2019 Base Prospectus
CH0523230115	3 March 2020	2019 Base Prospectus
CH0523230131	3 March 2020	2019 Base Prospectus
CH0523229778	3 March 2020	2019 Base Prospectus
CH0523229786	3 March 2020	2019 Base Prospectus

CH0523229802	3 March 2020	2019 Base Prospectus
CH0523229851	3 March 2020	2019 Base Prospectus
CH0523762430	3 March 2020	2019 Base Prospectus
CH0523762919	3 March 2020	2019 Base Prospectus
CH0523762356	3 March 2020	2019 Base Prospectus
CH0523762695	3 March 2020	2019 Base Prospectus
CH0523762448	3 March 2020	2019 Base Prospectus
CH0523770771	6 March 2020	2019 Base Prospectus
CH0523770789	6 March 2020	2019 Base Prospectus
CH0523773791	9 March 2020	2019 Base Prospectus
CH0523773809	9 March 2020	2019 Base Prospectus
CH0523774799	9 March 2020	2019 Base Prospectus
CH0523774831	9 March 2020	2019 Base Prospectus
CH0523773973	9 March 2020	2019 Base Prospectus
CH0523774807	9 March 2020	2019 Base Prospectus
CH0523773783	9 March 2020	2019 Base Prospectus
CH0523773874	9 March 2020	2019 Base Prospectus
CH0523774815	9 March 2020	2019 Base Prospectus
CH0523773700	9 March 2020	2019 Base Prospectus
CH0523773833	9 March 2020	2019 Base Prospectus
CH0523773825	9 March 2020	2019 Base Prospectus
CH0523774823	9 March 2020	2019 Base Prospectus
CH0523773981	9 March 2020	2019 Base Prospectus
CH0523776943	11 March 2020	2019 Base Prospectus
CH0523777057	11 March 2020	2019 Base Prospectus
CH0523776836	11 March 2020	2019 Base Prospectus
CH0523777040	11 March 2020	2019 Base Prospectus
CH0523776885	11 March 2020	2019 Base Prospectus
CH0523779061	11 March 2020	2019 Base Prospectus
CH0523776935	11 March 2020	2019 Base Prospectus
CH0523779079	11 March 2020	2019 Base Prospectus
CH0523777073	11 March 2020	2019 Base Prospectus
CH0531220199	12 March 2020	2019 Base Prospectus
CH0531220157	12 March 2020	2019 Base Prospectus
CH0531220173	12 March 2020	2019 Base Prospectus
CH0531220165	12 March 2020	2019 Base Prospectus
CH0531220181	12 March 2020	2019 Base Prospectus
CH0531220207	12 March 2020	2019 Base Prospectus
CH0531220389	16 March 2020	2019 Base Prospectus
CH0531226410	16 March 2020	2019 Base Prospectus
CH0531226428	16 March 2020	2019 Base Prospectus
CH0531226451	16 March 2020	2019 Base Prospectus
CH0531220678	16 March 2020	2019 Base Prospectus
CH0531220983	16 March 2020	2019 Base Prospectus
CH0531222930	16 March 2020	2019 Base Prospectus
CH0531223235	16 March 2020	2019 Base Prospectus
CH0531223326	16 March 2020	2019 Base Prospectus

CH0531226378	16 March 2020	2019 Base Prospectus
CH0531226394	16 March 2020	2019 Base Prospectus
CH0531220686	16 March 2020	2019 Base Prospectus
CH0531228317	16 March 2020	2019 Base Prospectus
CH0531223375	16 March 2020	2019 Base Prospectus
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CH0531228325	16 March 2020	2019 Base Prospectus
CH0531223367	16 March 2020	2019 Base Prospectus
CH0531226402	16 March 2020	2019 Base Prospectus
CH0531220751	16 March 2020	2019 Base Prospectus
CH0531221171	16 March 2020	2019 Base Prospectus
CH0531222815	16 March 2020	2019 Base Prospectus
CH0531226436	16 March 2020	2019 Base Prospectus
CH0531222963	16 March 2020	2019 Base Prospectus
CH0531223037	16 March 2020	2019 Base Prospectus
CH0531228309	16 March 2020	2019 Base Prospectus
CH0531220397	16 March 2020	2019 Base Prospectus
CH0531226444	16 March 2020	2019 Base Prospectus
CH0531228275	16 March 2020	2019 Base Prospectus
CH0531226386	16 March 2020	2019 Base Prospectus
CH0531226469	16 March 2020	2019 Base Prospectus
CH0531221106	16 March 2020	2019 Base Prospectus
CH0531222906	16 March 2020	2019 Base Prospectus
CH0531222971	16 March 2020	2019 Base Prospectus
CH0531223193	16 March 2020	2019 Base Prospectus
CH0531228283	16 March 2020	2019 Base Prospectus
CH0531228291	16 March 2020	2019 Base Prospectus
CH0532372361	17 March 2020	2019 Base Prospectus
CH0531230578	17 March 2020	2019 Base Prospectus
CH0532372338	17 March 2020	2019 Base Prospectus
CH0532372429	17 March 2020	2019 Base Prospectus
CH0532372387	17 March 2020	2019 Base Prospectus
CH0532372403	17 March 2020	2019 Base Prospectus
CH0532372411	17 March 2020	2019 Base Prospectus
CH0532372452	17 March 2020	2019 Base Prospectus
CH0532372437	17 March 2020	2019 Base Prospectus
CH0532372346	17 March 2020	2019 Base Prospectus
CH0532372379	17 March 2020	2019 Base Prospectus
CH0531230552	17 March 2020	2019 Base Prospectus
CH0531230560	17 March 2020	2019 Base Prospectus
CH0532372353	17 March 2020	2019 Base Prospectus
CH0532372395	17 March 2020	2019 Base Prospectus
CH0532372445	17 March 2020	2019 Base Prospectus
CH0532373906	23 March 2020	2019 Base Prospectus
CH0532374698	23 March 2020	2019 Base Prospectus
CH0532373864	23 March 2020	2019 Base Prospectus
CH0532373872	23 March 2020	2019 Base Prospectus

CH0532374706	23 March 2020	2019 Base Prospectus
CH0532373914	23 March 2020	2019 Base Prospectus
CH0532374748	23 March 2020	2019 Base Prospectus
CH0532374755	23 March 2020	2019 Base Prospectus
CH0532373880	23 March 2020	2019 Base Prospectus
CH0532373922	23 March 2020	2019 Base Prospectus
CH0532374714	23 March 2020	2019 Base Prospectus
CH0532374730	23 March 2020	2019 Base Prospectus
CH0532373898	23 March 2020	2019 Base Prospectus
CH0532374722	23 March 2020	2019 Base Prospectus
CH0532375315	24 March 2020	2019 Base Prospectus
CH0532375349	24 March 2020	2019 Base Prospectus
CH0532375323	24 March 2020	2019 Base Prospectus
CH0532375356	24 March 2020	2019 Base Prospectus
CH0532375331	24 March 2020	2019 Base Prospectus
CH0532377063	25 March 2020	2019 Base Prospectus
CH0532376982	25 March 2020	2019 Base Prospectus
CH0532377006	25 March 2020	2019 Base Prospectus
CH0532377022	25 March 2020	2019 Base Prospectus
CH0532376032	25 March 2020	2019 Base Prospectus
CH0532376040	25 March 2020	2019 Base Prospectus
CH0532377071	25 March 2020	2019 Base Prospectus
CH0532376990	25 March 2020	2019 Base Prospectus
CH0532377055	25 March 2020	2019 Base Prospectus
CH0532377030	25 March 2020	2019 Base Prospectus
CH0532376016	25 March 2020	2019 Base Prospectus
CH0532376024	25 March 2020	2019 Base Prospectus
CH0532377014	25 March 2020	2019 Base Prospectus
CH0532377048	25 March 2020	2019 Base Prospectus
CH0533946015	26 March 2020	2019 Base Prospectus
CH0533945611	26 March 2020	2019 Base Prospectus
CH0532377618	26 March 2020	2019 Base Prospectus
CH0532377881	26 March 2020	2019 Base Prospectus
CH0532377998	26 March 2020	2019 Base Prospectus
CH0533945769	26 March 2020	2019 Base Prospectus
CH0532378137	26 March 2020	2019 Base Prospectus
CH0532378236	26 March 2020	2019 Base Prospectus
CH0532378210	26 March 2020	2019 Base Prospectus
CH0533945371	26 March 2020	2019 Base Prospectus
CH0533945488	26 March 2020	2019 Base Prospectus
CH0533945884	26 March 2020	2019 Base Prospectus
CH0532377600	26 March 2020	2019 Base Prospectus
CH0533945678	26 March 2020	2019 Base Prospectus
CH0533945702	26 March 2020	2019 Base Prospectus
CH0533945801	26 March 2020	2019 Base Prospectus
CH0532378046	26 March 2020	2019 Base Prospectus
CH0532378178	26 March 2020	2019 Base Prospectus

CH0532378269	26 March 2020	2019 Base Prospectus
CH0532378293	26 March 2020	2019 Base Prospectus
CH0532378335	26 March 2020	2019 Base Prospectus
CH0532378350	26 March 2020	2019 Base Prospectus
CH0532378483	26 March 2020	2019 Base Prospectus
CH0533945975	26 March 2020	2019 Base Prospectus
CH0532377923	26 March 2020	2019 Base Prospectus
CH0532377956	26 March 2020	2019 Base Prospectus
CH0532377980	26 March 2020	2019 Base Prospectus
CH0532378038	26 March 2020	2019 Base Prospectus
CH0532378079	26 March 2020	2019 Base Prospectus
CH0532378111	26 March 2020	2019 Base Prospectus
CH0532378202	26 March 2020	2019 Base Prospectus
CH0532378228	26 March 2020	2019 Base Prospectus
CH0532378301	26 March 2020	2019 Base Prospectus
CH0532378319	26 March 2020	2019 Base Prospectus
CH0532378327	26 March 2020	2019 Base Prospectus
CH0532378400	26 March 2020	2019 Base Prospectus
CH0533945389	26 March 2020	2019 Base Prospectus
CH0533945520	26 March 2020	2019 Base Prospectus
CH0533945546	26 March 2020	2019 Base Prospectus
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