Overview

Welcome to the JPMorgan Chase Employment and Workforce Related Privacy Notice

You have entrusted JPMorgan Chase (JPMC) with your personal information. This Notice helps you understand the data we collect, why we collect it and what we do with it. This Notice is important; we hope you will take time to read it carefully.

As a job applicant, a former employee, or an active employee, when you share your information with us we use this information for a variety of purposes, including, but not limited to:

- **Employment-related** purposes such as, but not limited to, reviewing and assessing your employment application, the administration and delivery of compensation and benefits, supporting a diverse and inclusive work force, monitoring employee performance and efficiency and data analytics in support of improving our work environment.
- Fraud Prevention / Investigation / Security purposes such as, but not limited to providing for the safety and security of our technology systems, assets, physical premises, and employees, and the health and safety of premises, employees, and others we interact with in any capacity.
- Audit, compliance, risk management and reporting, and legal purposes such as, but not limited to internal audit and compliance with legal obligations. Examples include the payment of taxes and our legal and regulatory reporting obligations.

This Notice explains:

- The principles which support our data strategy
- How we collect your details
- What information we collect and why we collect it
- The choices we offer, and how you can exercise them

This notice is issued by JPMorgan Chase Bank N.A. on behalf of itself, its branches, its subsidiaries and its affiliates, identified as Controllers in the table in the "Controllers" section below (together, "J.P.Morgan", "we", "us" or "our") and is addressed to individuals who are prospective, former employees and current employees. Details of the entity that acts as the controller of your personal data, can be found, <u>Data Controller</u>. Defined terms used in the Notice are explained in the "Defined Terms" section.

Your Data How we use information that we collect

We use the information we collect to support you as a candidate, as a current employee and as a former employee.

Last updated: October 2024

We may use your name and contact information that you provided on joining for a variety of purposes, such as, but not limited to for display in the company directory, to address mailings to you, and to address your pay check.

We will not share your information with third parties unless related to the delivery of a service required during your employment, improvement of the work environment or support of a human resource business Process. Examples may include an insurance vendor, or a payroll vendor.

In the section below you can search for specific data elements or specific business Processes for further detail.

Personal Data

Age **Bank Account Details** Visa/Work Permit/Biometrics Details **Building Location** Citizenship/Nationality **Criminal Records** Date & time on turnstile / door operation in JPMC facilities **Compensation Details** Tax Details **Disability Details Education History Electronic Communications Employment History** Ethnicity Family Details Gender Home Addresses Investment Account Details Leave of Absence Details Licenses/Certifications Marital Status Medical **Military Service Details** Names National Identifiers Performance Details Personal Contact Details Personal Dates Photographic Images

Political Views Regulatory Designations Religion Sexual Orientation Staff ID or Barcode Technology Identifiers Union Status Vehicle Registrations Video Recordings Voice Recordings Development related testing Talent Details Languages Workforce Activity

Business Processes Compensation and Benefits

Compensation, Benefits and Pension Payroll

Employee Record

Data Management Employee Offboarding

Employee Relations

Employee Relations Diversity Expatriate Administration

Employee Relocation Management

Learning, Development and Training

Develop And Counsel Employees

Recruitment, Employee Onboarding, and Redeployment

Recruitment, Employee Onboarding, Redeployment

Other HR

Access HR Customer Service HR Business Partners HR Regulatory Management Manage Employee Information And Analytics

Non HR Processes

Compliance Processes, Investigations, Risk Management, Legal Expenses Management Facilities Management Technology Training Management

Processing your Personal Data

We collect Personal Data about you from a variety of sources (subject to local legal requirements) as follows:

- We obtain your Personal Data when you provide it to us (e.g., as a job applicant you provide personal information like your name, email address and telephone number so that we can contact you about possible employment opportunities).
- We collect your Personal Data in the ordinary course of our relationship with you (e.g., in connection with Processing payroll or providing benefits).
- We collect Personal Data that you choose to make public, including via social media (e.g., we may collect information from your social media profile(s), to the extent that you choose to make your profile publicly visible).
- We receive your Personal Data from third parties who provide it to us (e.g., credit reference agencies and law enforcement authorities).
- We collect or obtain Personal Data when you use our physical and online properties, including through our monitoring practices, subject to applicable law, such as, but not limited to monitoring computer, telephone and other electronic communications, as detailed in our Systems Monitoring Notice and elsewhere in this Notice.

When we collect your Personal Data, we will inform you if it is required or voluntary. If the requested Personal Data is required you will be informed of the potential consequences for failing to provide the data.

We create Personal Data about you, such as records of your interactions with us, and details of your employment, subject to applicable law.

Categories of Personal Data

Subject to applicable local law, the categories of Personal Data about you that we may Process, are listed below. Each category contains examples of the type of data that may Process. Please note these are examples and we may not process all items listed about you.

- Personal details: given name(s); preferred name(s); nickname(s); gender; date of birth / age; diversity characteristics; marital status; Social Security number, or local equivalent; passport number(s) other government issue number(s) such as but not limited to tax identification number(s), driving license number(s), and immigration or visa related numbers; nationality; race or ethnicity; lifestyle and social circumstances; images of passports, and signatures; authentication data (passwords, challenge/response questions and answers, PINs, facial and voice recognition data; photographs; visual images; and personal appearance and behavior.
- Family details: names and contact details of family members and dependents.
- Contact details: address; telephone number; email address; and social media profile details.
- **Employment details:** industry; role; business activities; names of current and former employers; work address; work telephone number; work email address; and work-related social media profile details.
- Employment history: details of your education and qualifications.
- Compensation and benefit history: details of your compensation and benefit history.
- Financial details: billing address; bank account numbers.
- Views and opinions: any views and opinions that you choose to send to us, or publish about us (including on social media platforms and J.P.Morgan intranet sites).
- *Electronic Identifying Data:* IP addresses; cookies; activity logs; online identifiers; unique device identifiers and geolocation data.
- Workforce Activity: Information you generate as a result of your work-related activities and content you create, such as
 documents, reports, or communications; records of time worked and not worked; information about how you use our
 physical and online properties, such as badge in and out times, system log on and off times, work location (in office vs.

remote), hardware, systems and software use (including internet browsers), purpose and duration of use, calendar, email and other electronic communications metadata, inferences and derived employee productivity and efficiency metrics based on analysis of Workforce Activity data.

Processing your Sensitive Personal Data

We do not seek to collect or otherwise Process your sensitive Personal Data, except where (subject to local legal requirements):

- the Processing is necessary for compliance with a legal obligation (e.g., to comply with our diversity reporting obligations);
- the Processing is necessary for the detection or prevention of crime (including the prevention of fraud) to the extent permitted by applicable law;
- you have manifestly made those sensitive Personal Data public;
- the Processing is necessary for the establishment, exercise, or defense of legal rights;
- we have, in accordance with applicable law, obtained your explicit consent prior to Processing your Sensitive Personal Data (as above, this legal basis is only used in relation to Processing that is entirely voluntary it is not used for Processing that is necessary or obligatory in any way); or
- where the Processing is necessary for the reasons of substantial public interest, such as the promotion of equal opportunity and diversity, and is proportionate to the aim pursued and provides for suitable and specific measures to safeguard your fundamental rights and interests;
- where the Processing is necessary to protect your life or physical safety or of a third party, as permitted by applicable law; or
- where the Processing is necessary for ensuring your safety in the identification and authentication process of registration in electronic systems; or

The processing is necessary for the execution of public policies outlined in laws and regulations.

By voluntarily providing your Sensitive Personal Data, you agree to the collection, use, Processing, disclosure, transfer and storage of such Sensitive Personal Data for the reasons described above.

Data Processing and Legal Bases

The purposes for which we may Process Personal Data, subject to applicable law, and the legal bases on which we may perform such Processing, are:

such Processing, are;		
Processing purpose	Legal basis for Processing	
AML/KYE: fulfilling our own and assisting our clients and counterparties in meeting regulatory compliance obligations, including "Know Your Employee" and "Know Your Client" checks; confirming and verifying your identity (including by using credit reference agencies); screening against government, supranational bodies (including, but not limited to, the European Union and the United Nations Security Council) and/or law enforcement agency sanctions lists as well as internal sanctions lists and other legal restrictions.	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or We have a legitimate interest in carrying out the Processing for the purposes of preventing money laundering, sanctions violations and protecting against fraud (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms); or We have obtained your prior consent to the Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way). 	
Application Processing: assessing your suitability for vacancies at JPMorgan and administering our recruitment Processes and recruitment campaigns.	 The Processing is necessary for compliance with a legal obligation; or We have a legitimate interest in carrying out the Processing for the purposes of assessing your application for employment (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms); or We have obtained your prior consent to the Processing (this legal basis is only used in relation to Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way). 	

Processing purpose	Legal basis for Processing
	•
<i>Employee on-boarding:</i> on-boarding new employees; and compliance with our internal mobility requirements, policies and procedures.	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or
	• We have a legitimate interest in carrying out the Processing for the purpose of on-boarding new employees (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms); or
	We may carry out the Processing when necessary to prevent fraud and ensure your safety in the identification and authentication process of registration in electronic systems; or
	• We have obtained your prior consent to the Processing (this legal basis is only used in relation to Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way).
Performance of Employment Commitments; such as those described in the offer letter or a benefits plan.	• The Processing is necessary for compliance with a legal obligation; or
	• The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or
	• We have a legitimate interest in carrying out the Processing for the purpose of fulfilling our employment commitments, as required by contract, law and/or policy and procedure.
HR Operations and Services; such as, but not limited to payroll operations, onboarding and offboarding operations	The Processing is necessary for compliance with a legal obligation; or

	 The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or
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Processing purpose	Legal basis for Processing
	 We may carry out the Processing when necessary to prevent fraud and ensure your safety in the identification and authentication process of registration in electronic systems; or We have a legitimate interest in carrying out the Processing for the purpose of payroll, performance management, benefits and other HR administration.
Workplace Environment; such as, but not limited to health and safety factors.	
	 The Processing is necessary for compliance with a legal obligation; or
	• We have a legitimate interest in carrying out the Processing for the purpose of promoting a diverse and inclusive workplace that is free from harassment or other inappropriate workplace conduct, and to better support employee engagement (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).
	 We have obtained your prior consent to the Processing (this legal basis is only used in relation to Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way).
<i>Credit worthiness:</i> conducting credit reference checks and other financial due diligence.	• The Processing is necessary for compliance with a legal obligation; or
	• The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or

	•	We have a legitimate interest in carrying out the Processing for the purpose of conducting financial due diligence (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms); or	
	•	We have obtained your prior consent to the Processing (this legal basis is only used in relation to Processing that is entirely	

Processing purpose	Legal basis for Processing
	voluntary - it is not used for Processing that is necessary or obligatory in any way).
<i>IT operations:</i> management of our communications systems; operation of IT security; and IT security audits.	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or We may carry out the Processing when necessary to prevent fraud and ensure your safety in the identification and authentication process of registration in electronic systems; or
	• We have a legitimate interest in carrying out the Processing for the purpose of managing and operating our IT systems and ensuring the security of those systems (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).
Health and safety: health and safety assessments and record keeping; and compliance with related legal obligations.	The Processing is necessary for compliance with a legal obligation; or

	 We have a legitimate interest in carrying out the Processing for the purpose of providing a safe and secure environment at our premises (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms);
	 The Processing is necessary to protect the vital interests of any individual; or The Processing is necessary to protect the life or the physical safety of any individual.
<i>Financial management:</i> sales; finance; corporate audit; and expense and travel management.	• The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or
	 We have a legitimate interest in carrying out the Processing for the purpose of managing and operating the financial affairs of our

Processing purpose	Legal basis for Processing
	 business (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms); or We have obtained your prior consent to the Processing (this legal basis is only used in relation to Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way).
Research: conducting research; and engaging with you for the purposes of obtaining your views on your experience.	 We have a legitimate interest in carrying out the Processing for the purpose of conducting research and producing analysis (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms); or We have obtained your prior consent to the Processing (this legal basis is only used in relation to Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way).

Security: physical security of our premises and Personnel (including records of visits to our premises and CCTV recordings); and electronic security (including login records, access details and monitoring and surveillance practices (subject to applicable law), where you access our electronic systems).	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary to protect the life or the physical safety of any individual. We have a legitimate interest in carrying out the Processing for the purpose of ensuring the physical and electronic security of our business, premises, and assets and Personnel (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).
<i>Investigations:</i> detecting, investigating and preventing potential breaches of policy/acceptable standards of conduct, and criminal/other offences, in accordance with applicable law.	 The Processing is necessary for compliance with a legal obligation; or We have a legitimate interest in carrying out the Processing for the purpose of detecting, and protecting against, potential breaches of our policies, acceptable standards of conduct and applicable laws (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).

Processing purpose	Legal basis for Processing
<i>Legal compliance:</i> compliance with our legal and regulatory obligations under applicable law, and legal and regulatory and reporting.	 The Processing is necessary for compliance with a legal obligation.
<i>Legal proceedings:</i> establishing, exercising and defending legal rights, complying with associated obligations and dispute resolution.	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary for the regular exercise of rights in court or in administrative or arbitration proceedings; or

	 We have a legitimate interest in carrying out the Processing for the purpose of establishing, exercising or defending our legal rights complying with associated obligations and dispute resolution (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).
Risk Management: Audit, compliance, controls, insurance and other risk management and reporting	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or We have a legitimate interest in carrying out the Processing for the purpose of managing risks to which our business is exposed (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).
Business Process Execution: maintaining and running a financially viable organization in accordance with law and regulations	 The Processing is necessary for compliance with a legal obligation; or We have a legitimate interest in carrying out the Processing for the purpose of maintaining and running a financially viable organization in accordance with law and regulation (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms).

Processing purpose	Legal basis for Processing
Corporate and Community Affairs	
	 We have a legitimate interest in carrying out the Processing for the purpose of enabling and facilitating corporate and community programs such as advertising, brand and media management, sponsorship and events.

Investor Relations and Governmental Affairs	 We have a legitimate interest in carrying out the Processing for the purpose of enabling and facilitating corporate and community programs, preparing filings and reports as required by governmental bodies, and for the management of relationships with governmental representatives and public officials.
<i>Fraud prevention:</i> Detecting, preven investigating suspected fraud.	
	 The Processing is necessary for compliance with a legal obligation; or The Processing is necessary in connection with any contract that you may enter into with us, or to take steps prior to entering into a contract with us; or We may carry out the Processing when necessary to prevent fraud and ensure your safety in the identification and authentication process of registration in electronic systems; or We have a legitimate interest in carrying out the Processing for the purpose of detecting, and protecting against, suspected fraud (to the extent that such legitimate interest is not overridden by your interests or fundamental rights and freedoms). We have obtained your prior consent to the Processing that is entirely voluntary - it is not used for Processing that is necessary or obligatory in any way).
Employee Performance and Efficiency: maximizing business performance through monitoring and evaluating employee performance and efficiency.	 We have a legitimate interest in developing, monitoring, evaluating, and maintaining employee performance and efficiency in support of our business objectives (to the evaluate that such legitimete interest is not.
Processing purpose	extent that such legitimate interest is not Legal basis for Processing
	overridden by your interests or fundamental rights and freedoms).

The Disclosure of Personal Data to third parties

We disclose your Personal Data to other entities within the J.P. Morgan group, in accordance with applicable law and legal bases. In addition, we may disclose your Personal Data to:

- you and, where appropriate, your family, your associates and your representatives;
- clients, customers and counterparties of, or to, our businesses;
- credit reference agencies;
- anti-fraud services;
- Governmental, legal, regulatory, or similar authorities, ombudsmen, and central and/or local government agencies, upon request or where required, including for the purposes of reporting any actual or suspected breach of applicable law or regulation;
- accountants, auditors, financial advisors, lawyers and other outside professional advisors to J.P. Morgan, subject to binding contractual obligations of confidentiality;
- third party Processors (such as benefits and payroll providers), located anywhere in the world, subject to the requirements noted below;
- any relevant party, claimant, complainant, enquirer, law enforcement agency or court, to the extent necessary for the establishment, exercise or defense of legal rights in accordance with applicable law;
- any relevant party for the purposes of prevention, investigation, detection or prosecution of criminal offences or the execution of criminal penalties, including safeguarding against and the prevention of threats to public security in accordance with applicable law;
- any relevant third party acquirer(s), in the event that we sell or transfer all or any relevant portion of our business or as sets (including in the event of a reorganization, dissolution or liquidation);
- the press and the media; and
- voluntary and charitable organizations.

If we engage a third-party Processor to Process your Personal Data, the Processor will be subject to binding contractual obligations to: (i) only Process the Personal Data in accordance with our prior written instructions; and (ii) use measures to protect the confidentiality and security of the Personal Data; together with any additional requirements under applicable law.

International transfer of Personal Data

Because of the international nature of our business, we may need to transfer your Personal Data within the J.P. Morgan group, and to third parties, in connection with the purposes set out in this Notice. For this reason, we may transfer your Personal Data to other countries that may have different laws and data protection compliance requirements, including data protection laws of a lower standard to those that apply in the country in which you are located.

Where we transfer your Personal Data to other countries, we do so on the basis of:

- adequacy decisions;
- our Binding Corporate Rules;
- suitable Standard Contractual Clauses; or
- other valid transfer mechanisms.

If you want to receive more information about the safeguards applied to international transfers of personal data, including the safeguards applied and countries to which your data may be transferred, please contact us using the "Contact Us – Ask a Question" tab or by clicking here <u>Ask a Question</u>, if you are viewing this document electronically.

Cookies

The Cookies Policy belongs to JPMorgan and governs our use of cookies and similar technologies for storing information. It also explains how we use cookies and similar technologies. When in use you must indicate that you have read and accepted the details of this policy in full and understand its terms before you can begin to use the site.

What are Cookies?

A cookie is a text-only string of information that a website transfers to the cookie file of the browser on your computer so that the website can recognize you when you return and remember certain information about you. This can include which pages you have visited, choices you have made from any specific information you have entered into forms and the time and date of your visit.

Types of Cookies

There are two main types of cookies;

- Session cookies: these are temporary cookies that expire at the end of a browser session; that is, when you
 leave the site. Session cookies allow the website to recognize you as you navigate between pages during a
 single browser session and allow you to use the website most efficiently.
- 2) Persistent cookies: in contrast to a session cookie, persistent cookies are stored on your computer between browsing sessions until expiry or deletion. They enable the website to "recognize" you on your return to remember your preferences for the purpose of tailoring services for you.

Many cookies are designed to give you optimal usage of the web. For example, we use cookies to enable you to enable web pages to be loaded more quickly. Some cookies may collect and store your personal information, such as your name or email address.

Most browsers are initially set to accept cookies. However, you have the ability to disable cookies if you wish, generally through changing your internet software browsing settings. As our cookies allow you to access the essential features of some sites we recommend that you leave cookies enabled, otherwise, if disabled it may mean you experience reduced functionality or will be prevented from using the site altogether.

We are committed to respecting and protecting your privacy and will ensure that all personal information collected by us is kept and treated in accordance with our privacy policy available at http://www.jpmorgan.com.

Security of data

We have implemented appropriate physical, technical and organizational security measures designed to protect your Personal Data against accidental or unlawful destruction, loss, alteration, unauthorized disclosure, unauthorized access, and other unlawful or unauthorized forms of Processing, in accordance with applicable law.

You are responsible for ensuring that any Personal Data that you send to us are sent securely.

Accuracy of data

We take reasonable steps designed to ensure that:

- your Personal Data that we Process are accurate and, where necessary, kept up to date; and
- any of your Personal Data that we Process that are inaccurate (having regard to the purposes for which they are Processed) are erased or rectified without delay.

From time to time we may ask you to confirm the accuracy of your Personal Data.

Data Minimization

We take reasonable steps designed to ensure that your Personal Data that we Process are limited to the Personal Data reasonably required in connection with the purposes set out in this Notice.

Data Retention

We take reasonable steps designed to ensure that your Personal Data are only Processed for the minimum period necessary for the purposes set out in this Notice. The criteria for determining the duration for which we will retain your Personal Data are as follows:

- 1. We will retain copies of your Personal Data in a form that permits identification only for as long as
 - We maintain an ongoing relationship with you (e.g., while you remain an employee, or where you are still receiving services from us); or
 - Your Personal Data are necessary in connection with the lawful purposes set out in this Notice, for which we have a valid legal basis Plus
- 2. The duration of:
 - any applicable limitation period under applicable law; and where required and
- 3. In addition if any relevant legal claims are anticipated/brought, we may continue to Process your Personal Data for such additional periods as are necessary in connection with that claim.

During the periods noted above we will restrict our Processing of your Personal Data to storage of, and maintaining the security of, that data except to the extent that those data need to be reviewed in connection with any legal claim, or any obligation under applicable law.

Once the periods above, each to the extent applicable or permitted by applicable law, have concluded, we will 1) permanently delete or destroy the relevant Personal Data, or 2) archive your Personal Data so that it is beyond use; or 3) anonymize the relevant Personal Data.

Your legal rights

Subject to and to the extent provided under applicable law, you may have a number of rights regarding the Processing of your Personal Data, including:

- the right to request access to, or copies of, your Personal Data that we Process or control, together with information regarding the nature, processing and disclosure of that Personal Data;
- the right to request rectification of any inaccuracies in your Personal Data that we Process or control;
- the right to request, on legitimate grounds:
 - erasure of your Personal Data that we Process or control; or
 - restriction of Processing of your Personal Data that we Process or control;
- the right to request anonymization, blocking or elimination of Personal data that is unnecessary, excessive, or processed non-compliant with the provisions of applicable law;
- the right to have your Personal Data that we Process or control transferred to another Controller, to the extent applicable;
- where we Process your Personal Data on the basis of your consent, the right to withdraw that consent or to request elimination of Personal Data, except if we have legal grounds to keep such Personal Data, but you should note that withdrawing consent does not affect the lawfulness of Processing based on consent before its withdrawal;
- the right to object to the processing may apply on grounds relating to your particular situation, for example where the processing is in our legitimate interests or pursuant to a legal obligation, on the basis of consent or where the processing violates provisions of applicable laws; and

• the right to lodge complaints with a Data Protection Authority regarding the Processing of your Personal Data by us or on our behalf.

This does not affect your statutory rights. To exercise one or more of these rights, or to ask a question about these rights or any other provision of this Notice, or about our Processing of your Personal Data, please use the contact details provided in the "Contact Us" section.

Objecting to our use of your Personal Data

If you object to the Processing of your personal data, we will respect that choice in accordance with our legal obligations or rights. Your objection could mean that we are unable to perform the actions necessary to achieve the purposes set out above or that you may not be able to make use of the services and products offered by us.

Data Protection Officer

Please refer to the grid below for the list of Data Protection Officers and their contact information.

Data Protection Officers by Country or Region

Region	Country	Appointed DPO	Scope	LOD	Location
APAC	Japan	Saeko Soma Japan_CDO@restricted.chase.com (local DPO)	Non AM Entities	1st LOD	Japan
		David Tse <u>david.tse@jpmorgan.com</u> (local DPO, MD)	AM Entities	1st LOD	Japan
	Korea	Jong Wook Oh jongwook.oh@jpmorgan.com (local DPO, ED)	Bank Entity	1st LOD	Korea
		Tae Jin Park <u>Tae.Jin.Park@jpmorgan.com</u> (Iocal DPO, MD)	Securities Entity	1st LOD	Korea
		Jay Moon jay.moon@jpmchase.com (CAO - local DPO, VP)	AM Entities	1st LOD	Когеа
	Singapore	Frederick Lee <u>Singapore_DPO@restricted.chase.com</u> (local DPO, ED)		1st LOD	Singapore
	China	Connie Poon <u>China_DPO@restricted.chase.com</u> (local DPO, ED)	Bank Entity Only	1st LOD	Shanghai
	China	China_DPO@restricted.chase.com	JPMorgan Asset Management (China) Limited	1st LOD	Shanghai
	New Zealand	Guy Feibish <u>New_Zealand_DPO@restricted.chase.com</u> (local DPO, ED)		1st LOD	Australia

	Philippines	Frederick Lee <u>DPO.JPMC.PH@jpmorgan.com</u> (local DPO, ED)	Non Corporate Center	1st LOD	Singapore
		DPO.Corporate.Centers.PH@jpmorgan.com	Corporate Center	1st LOD	Philippines
		Frederick Lee <u>DPO.JPMC.JPMSPI@jpmorgan.com</u> (local DPO, ED)	Securities Entity	1st LOD	Philippines
		Paul Mable paul.mable@jpmchase.com		1st LOD	Philippines
		Geo Aguas geo.aguas@jpmchase.com		1st LOD	Philippines
	Sri Lanka	Parag Sampat <u>Sri Lanka DPO@restricted.chase.com</u>		1st LOD	India
	Thailand	Jacqueline Yang Thailand_DPO@restricted.chase.com		1st LOD	Singapore
	Vietnam	Frederick Lee <u>Vietnam_DPO@restricted.chase.com</u>		1st LOD	Singapore
MEA	EEA Countries	Sigi Billar <u>sigi.billar@jpmorgan.com</u>		2nd LOD	London
	South Africa*	Kevin Latter <u>kevin.g.latter@jpmchase.com</u>	JPMC Legal Entities	1st LOD	South Africa
		Cynthia MacLeod <u>cynthia.g.macleod@jpmorgan.com</u> (Deputy Information Officer, VP)		1st LOD	South Africa
		Niyaaz Abrahams niyaaz.abrahams@jpmchase.com		1st LOD	South Africa
	Mauritius	Niyaaz Abrahams niyaaz.abrahams@jpmchase.com		1st LOD	South Africa
	UK	Sigi Billar <u>sigi.billar@jpmorgan.com</u>		2nd LOD	London
ATAM	Brazil	Solange Mendonca solange.p.mendonca@Jpmorgan.com		2nd LOD	Brazil
IAMR	Canada	Tracey Patel <u>tracey.patel@jpmorgan.com</u> (DPO, MD)		Legal	Canada

Data Controller

The Data Controller for the data addressed in this Notice is JPMCs Human Resources function and additional entities identified in the link below. For any queries please send an email to the Office of the HR Data Privacy Champion (<u>HR.DATA.PRIVACY@JPMORGAN.COM</u>) who will respond to your email.

Controller Entity	Contact Details
	277 Park Avenue, 15th Floor - NY1-U016, New York, New York, NY,
522 FIFTH AVENUE CORPORATION	10172, United States
522 FIFTH AVENUE FUND, L.P.	383 Madison Avenue, New York, New York, NY, 10179, United States
	One Liberty Square, Suite 200, Boston, Suffolk, MA, 02109, United
55 INSTITUTIONAL PARTNERS, LLC	States
	One Liberty Square, Suite 200, Boston, Suffolk, MA, 02109, United
55I, LLC	States
ADVANCED CITY FUND GLOBAL GP LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
ADVANCED CITY FUND US HOLDING	
GP LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
ALDERMANBURY INVESTMENTS	
LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
ARROYO ENERGY INVESTORS LLC	1111 Fannin 11th Floor, Houston, Harris, TX, 77002, United States
ARROYO POWER GP HOLDINGS LLC	1111 Fannin 11th Floor, Houston, Harris, TX, 77002, United States
ATACAMA MULTIMERCADO - FUNDO DE	Avenida Brigadeiro Faria Lima, 3729 - 14th Floor, Itaim Bibi, Sao
INVESTIMENTO	Paulo, 04538-905, Brazil
	2800 E Cottonwood Pkwy, Suite 110, Cottonwood Heights, Salt Lake,
AUMNI, INC.	UT, 84121, United States
	10 South Dearborn, 25th Floor, Chicago, Cook, IL, 60603, United
BANC ONE BUILDING CORPORATION	States
BANCO J.P. MORGAN COLOMBIA S.A.	Carrera 11 No. 84 A-09, Piso 7, Bogota, CB1-2000, Colombia
BANCO J.P. MORGAN S.A - RIO DE	Praia do Botafogo, nº 228, 14º andar, Sala 1402 - parte, Botafogo, Rio
JANEIRO BRANCH	de Janeiro, 22250-040, Brazil
	AV. BRIGADEIRO FARIA LIMA, 3729, 6º-part, 10º-part, 11º, 12º-part,
BANCO J.P. MORGAN S.A.	13º-part, 14º E 15º floors, Sao Paulo, 04538-905, Brazil
BANCO J.P. MORGAN, S.A.,	
INSTITUCION DE BANCA MULTIPLE, J.P.	Paseo de las Palmas no 405, 16th floor, Lomas de Chapultepec,
MORGAN GRUPO FINANCIERO	Distrito Federal, Mexico City, 11000, Mexico
BANK CONSOLIDATIONS-RMI NETTING	575 Washington Blvd, Jersey City, Hudson, NJ, 07310, United States
BANK ONE INVESTMENT LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
	1111 Fannin Street,11th Floor, Houston, Harris, TX, 77002, United
BE INVESTMENT HOLDING INC.	States
BEAR GROWTH CAPITAL PARTNERS,	
LP	277 Park Avenue, New York, New York, NY, 10172, United States
BEAR STEARNS ACCESS FUND II	
MANAGEMENT LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS ACCESS FUND III	
MANAGEMENT LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS ACCESS FUND	200 Madiaan Avanua Naw Yark Naw Yark NV 40470 Hatta 101 (
	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS ALTERNATIVE ASSETS	4 Ohners Materia ab Canton Dreaklyn, Kinne NV 44045 (1911) 101 (
INTERNATIONAL LIMITED	4 Chase Metrotech Center, Brooklyn, Kings, NY, 11245, United States
BEAR STEARNS ASSET BACKED SECURITIES I LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
	JOS WAUSON AVENUE, NEW TOK, NEW TOK, NT, TUT / 9, UNITED STATES
BEAR STEARNS ASSET MANAGEMENT	383 Madison Avenue, New York, New York, NY, 10179, United States
INC. BEAR STEARNS FOF ASSET	JOS WAUSON AVENUE, NEW TOR, NEW TOR, NT, TUT79, UNITED STATES
	383 Madison Avenue, New York, New York, NY, 10179, United States
MANAGEMENT LLC	JUD MAUSULAVELINE, NEW TOIK, NEW TOIK, NT, TUTT9, UTILED SIZES

BEAR STEARNS FOF II ASSET	
MANAGEMENT LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS MERCHANT GP II, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS MERCHANT GP III, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS PRIVATE	
OPPORTUNITY VENTURES	
MANAGEMENT LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS STRUCTURED	
PRODUCTS INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
BEAR STEARNS VENTURES	
MANAGEMENT LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
BLUEBAY MAURITIUS INVESTMENT	c/o IQ EQ Corporate Services (Mauritius) Ltd, 33 Edith Cavell Street,
LIMITED	Port Louis, 11324, Mauritius
BSCGP INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
CAMPBELL GLOBAL NEW ZEALAND,	1300 S.W. Fifth Avenue, Suite 3200, Portland, Multhomah, OR,
LLC	97201, United States
CAMPBELL GLOBAL, LLC	1300 S.W. Fifth Avenue, Suite 3200, Portland, Multnomah, OR, 97201, United States
CENTRAL POWER HOLDINGS LP	1111 Fannin 11th Floor, Houston, Harris, TX, 77002, United States
CGC GP II, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
	201 N Walnut Street, 4th Floor, Wilmington, New Castle, DE, 19801,
CHASE CARD FUNDING LLC	United States
CHASE COMMUNITY EQUITY, LLC	10 South Dearborn, Floor 19, Chicago, Cook, IL, 60603, United States
	111 E. Wisconsin Ste. 1250, Milwaukee, Milwaukee, WI, 53202,
CHASE INSURANCE AGENCY, INC.	United States
	1100 North Market Street, Wilmington, New Castle, DE, 19890, United
CHASE ISSUANCE TRUST	States
CHASE LINCOLN FIRST COMMERCIAL	383 Madison Avenue, 14th Floor, New York, New York, NY, 10179,
CORPORATION	United States
	-
	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao
CHASE MANHATTAN HOLDINGS LTDA.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310,
CHASE MANHATTAN HOLDINGS LTDA.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave,
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801,
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801,
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300,
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United StatesJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin,
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United StatesJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United StatesJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States 300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States 10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland 255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United StatesJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States10 Butyrsky Val, 125047 Moscow, Russia, Moscow, 125047, Russian
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED LIABILITY COMPANY)	 Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States 300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States 10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland 255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED LIABILITY COMPANY) CONNEXIONS LOYALTY TRAVEL S.A.S.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States 300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States 10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland 255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States 10 Butyrsky Val, 125047 Moscow, Russia, Moscow, 125047, Russian Federation
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED LIABILITY COMPANY) CONNEXIONS LOYALTY TRAVEL S.A.S. (EN LIQUIDACION)	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United StatesU.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United StatesJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States10 Butyrsky Val, 125047 Moscow, Russia, Moscow, 125047, Russian
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED LIABILITY COMPANY) CONNEXIONS LOYALTY TRAVEL S.A.S. (EN LIQUIDACION) CONSTELLATION VENTURE CAPITAL	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States 300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States 10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland 255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States 10 Butyrsky Val, 125047 Moscow, Russia, Moscow, 125047, Russian Federation Carrera 11 No 79-35, Piso 9, Bogota, Colombia
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED LIABILITY COMPANY) CONNEXIONS LOYALTY TRAVEL S.A.S. (EN LIQUIDACION) CONSTELLATION VENTURE CAPITAL OFFSHORE II, L.P.	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States 300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States 10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland 255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States 10 Butyrsky Val, 125047 Moscow, Russia, Moscow, 125047, Russian Federation Carrera 11 No 79-35, Piso 9, Bogota, Colombia 383 Madison Avenue, New York, New York, NY, 10179, United States
CHASE MANHATTAN HOLDINGS LTDA. CHASE MORTGAGE FINANCE CORPORATION CHASE MORTGAGE HOLDINGS, INC. CHASE MORTGAGE TRUST 2016-1 CHASE MORTGAGE TRUST 2016-2 CHASE MORTGAGE TRUST 2016-2 CHASE NEW MARKETS CORPORATION CHASE PAYMENTECH EUROPE LIMITED CHASE PAYMENTECH SOLUTIONS INC. CHATHAM VENTURES, INC. CHEMICAL INVESTMENTS, INC. COMMERCIAL BANK "J.P. MORGAN BANK INTERNATIONAL" (LIMITED LIABILITY COMPANY) CONNEXIONS LOYALTY TRAVEL S.A.S. (EN LIQUIDACION) CONSTELLATION VENTURE CAPITAL	Avenida Brigadeiro Faria Lima, 3729 - 10th floor-part, Itaim Bibi, Sao Paulo, 04538-905, Brazil 480 Washington Blvd., Floor 14, Jersey City, Hudson, NJ, 07310, United States 4900 Memorial Highway, Tampa, Hillsborough, FL, 33634, United States U.S. BANK TRUST NATIONAL ASSOCIATION, 300 Delaware Ave, 9th floor, Wilmington, New Castle, DE, 19801, United States 300 Delaware Avenue, 9th Floor, Wilmington, New Castle, DE, 19801, United States 10 South Dearborn Street, Floor 19, Chicago, Cook, IL, 60603-2300, United States J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland 255 Consumers road., Suite 300, Toronto, ON, M2J 1R4, Canada 383 Madison Avenue, New York, New York, NY, 10179, United States 10 Butyrsky Val, 125047 Moscow, Russia, Moscow, 125047, Russian Federation Carrera 11 No 79-35, Piso 9, Bogota, Colombia

	8181 Communications Pkwy Bldg. B, Floor 05, Plano, Collin, TX,
CRP PROPERTIES, INC.	75024-0239, United States
CVC II PARTNERS LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
	Room 03, 13/F, Hollywood Centre, 233 Hollywood Road, Sheung
CXLOYALTY TRAVEL LIMITED	Wang, Hong Kong
CXLOYALTY TRAVEL SERVICES	10th floor, West Fifth Building, 5th Avenue, Bonifacio Global City,
PHILIPPINES, INC.	Taguig City, Taguig City, 1631, Philippines
CXLOYALTY TRAVEL SERVICES UK	
LIMITED	25 Bank Street, London, E14 5JP, United Kingdom
DAUPHINE MAURITIUS INVESTMENT	c/o IQ EQ Corporate Services (Mauritius) Ltd, 33 Edith Cavell Street,
LIMITED	Port Louis, 11324, Mauritius
DNT ASSET TRUST	10 S Dearborn, 17th Floor, Chicago, Cook, IL, 60603, United States
DVCMM LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW
ECAPITAL NOMINEES PTY LIMITED	2000, Australia
ECAST SETTLEMENT CORPORATION	383 Madison Avenue, New York, New York, NY, 10179, United States
	4 Chase MetroTech Center - 15th Floor, Brooklyn, New York, NY,
ELK VALLEY CORPORATION	11245, United States
EMC MORTGAGE LLC	2780 Lake Vista Drive, Lewisville, Denton, TX, 75067, United States
	8181 Communications Pkwy Bldg. B, Floor 05, Plano, Collin, TX,
EN OSTENDO HOLDING CORP.	75024-0239, United States
	AV. GRAL MARIANO ESCOBEDO 526, PISO 9 OF 938 TORRE
	CONCRETA, ANZURES, MIGUEL HIDALGO, Mexico City, 11590,
FGTM, S. DE R.L. DE C.V.	Mexico
FIGG, INC.	2561 Territorial Road, St. Paul, Ramsey, MN, 55114, United States
FIRST CHICAGO LEASING	10 South Dearborn, IL1-0502, Chicago, Cook, IL, 60603, United
CORPORATION	States
FNBC LEASING CORPORATION	10 South Dearborn Street, Chicago, Cook, IL, 60603, United States
	383 Madison Avenue, 24th Floor, New York, New York, NY, 10179,
FORENSIS HOLDING CORP.	United States
FROSCH COLOMBIA S.A.S.	Kr 7 No 72 A - 64 Int 18, Bogota, 110231, Colombia
	One Greenway Plaza, Suite 800, Houston, Harris, TX, 77046, United
FROSCH INTERNATIONAL TRAVEL, LLC	States
	Unit 6B, 6th Floor, Country Space 1 Building,133 H.V. Dela Costa
FROSCH PHILIPPINES TRAVEL, INC.	Street, Salcedo Village, Makati City, 1209, Philippines
	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW
FROSCH TRAVEL AUSTRALIA PTY LTD	2000, Australia
	The Eastcheap Estate, 4th Floor, 39 Eastcheap, London, EC3M 1DE,
FROSCH-UK LIMITED	United Kingdom
	Av. Brigadeiro Faria Lima, 3.729, 6º andar, Itaim Bibi, Sao Paulo, CEP
GABORONE TECNOLOGIA LTDA.	04538-905, Brazil
GLOBAL SHARES (CANADA) LTD.	Unit 1019, 150 9th Avenue SW, Calgary, P85EY90, Canada
	F2007, Floor 20, Winland International Finance Center, No.7 Jinrong
GLOBAL SHARES BEIJING LIMITED	Street, Xicheng,Beijing, 100033, China
	Gijzelaarsstraat 21, Vlaams Gewest, Huis Artois, Antwerpen, 2000,
GLOBAL SHARES BELGIUM BV	Belgium Mainzer Landstraße250-254, 60326 Frankfurt am Main, Frankfurt am
GLOBAL SHARES DEUTSCHLAND	
	Main, 60326, Germany
GLOBAL SHARES EXECUTION SERVICES LIMITED	Suite 519, 5th Floor Dragonara Business Centre, Dragonara Road, St
	Julians, STJ3141, Malta
GLOBAL SHARES FINANCIAL SERVICES	Passatas de la Canconsis 7.0. 2nd floor Passalana, 00000, Sasia
SOCIEDAD LIMITADA	Passatge de la Concepcio 7-9, 2nd floor, Barcelona, 08008, Spain
	Unit 2 Building D, West Cork Technology Park, Clonakilty, P85EY90, Ireland
GLOBAL SHARES IRELAND LIMITED	licialiu

GLOBAL SHARES JAPAN K.K Japan GLOBAL SHARES NL B.V. Joop Geesinkweg B41 1114 AB. Amsterdam, 1114 AB. Netherlands GLOBAL SHARES NL B.V. Joop Geesinkweg B41 1114 AB. Amsterdam, 1114 AB. Netherlands GLOBAL SHARES VK LIMITED GTA Ablion Street, Leeds, LES TSAA, England GLOBAL SHARES, INC. United States GOLOCAST RE VENTURES LLC 383 Madison Avenue, New York, New York, NY, 10179, United States GOLOCAST RE VENTURES LLC 383 Madison Avenue, New York, New York, NY, 10170, United States GREGORY PROPERTIES INC. Stales AV. Defensores de Chaves, No 45, 5th Andar, 1000 - 112 Lisboa, Lisbon, 1000-112, SPORTUGAL, UNIPESSOAL, LD Portugal HAQ HOLDINGS INC. 383 Madison Avenue, New York, New York, NY, 10179, United States HAMBRECHT & QUIST CALIFORNIA 1811 Communications Pkwy Bidg, B, Floor 05, Plano, Collin, TX, 75024-0239, United States HERTIAGE FE (OEP) II, L.P. 277 Park Avenue, New York, New York, NY, 10172, United States HERTIAGE FE (OEP) II, L.P. 277 Park Avenue, New York, New York, NY, 10172, United States HERTIAGE FE (OEP) II, L.P. 277 Park Avenue, New York, New York, NY, 10172, United States HERTIAGE FE (OEP) II, L.P. 277 Park Avenue, New York, New York, NY, 10172, United States HERTIAGE FE (OEP) II, L.P. 2		Tokyo Building, 2-7-3, Marunouchi, Chiyoda-ku, Tokyo, 100-6432,
4124 Prince Mohammed Ibn Salman Ibn Abdulaziz Rd - Al Rabie Dist GLOBAL SHARES SAUDI ARABIALLC Riyadh, 13316 6664, Saudi Arabia GLOBAL SHARES UK LIMITED 67a Albion Street, Leeds, LS1 SAA, England GLOBAL SHARES, INC. United States GOLDCOAST RE VENTURES LLC 393 Madison Avenue, New York, New York, NY, 10179, United States GOLDCOAST RE VENTURES LLC 393 Madison Avenue, New York, New York, NY, 10179, United States GOLDCOAST RE VENTURES LLC 393 Madison Avenue, New York, New York, NY, 10179, United States GREGORY PROPERTIES INC. 383 Madison Avenue, New York, New York, NY, 10179, United States Negretor Control 833 Madison Avenue, New York, New York, NY, 10179, United States HAQ HOLDINGS INC. 383 Madison Avenue, New York, New York, NY, 10179, United States HCP PROPERTIES, INC. 75024-0239, United States HCP PROPERTIES, INC. 75024-0239, United States HERITAGE PE (OEP) II, LP. 277 Park Avenue, New York, NW York, NY, 10172, United States HERITAGE PE (OEP) II, LP. 277 Park Avenue, New York, New York, NY, 10172, United States HERITAGE PE (OEP) II, LP. 277 Park Avenue, New York, New York, NY, 10172, United States IFE USSC LP 383 Madison Avenue, New York, New York, NY, 10172, United States I	GLOBAL SHARES JAPAN K.K.	
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J.P. MORGAN (S.E.A.) LIMITED88 Market Street, 30-00 CapitaSpring, Singapore, 048948, SingaporeJ.P. MORGAN (SUISSE) SARue du Rhone 35, Geneva, Geneva, 1204, SwitzerlandJ.P. MORGAN (SUISSE) SA - ZURICHDreikoenigstrasse 37, Floor 01, Zurich, 8022, SwitzerlandJ.P. MORGAN ACCEPTANCECORPORATION ICORPORATION I383 Madison Avenue, New York, New York, NY, 10179, United StatesJ.P. MORGAN ACCEPTANCE383 Madison Avenue, New York, New York, NY, 10179, United StatesJ.P. MORGAN ACCEPTANCE383 Madison Avenue, Sth Floor, New York, NY, 10179, United StatesJ.P. MORGAN ADMINISTRADORA DEAvenida Brigadeiro Faria Lima, 3729 -6th floor- part, Itaim Bibi, Sao Paulo, 04538-905, BrazilJ.P. MORGAN ADMINISTRATIONLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P. MORGAN ADMINISTRATIONJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, IrelandJ.P. MORGAN ADMINISTRATIONSERVICES (IRELAND) LIMITEDLP. MORGAN ADMINISTRATIONUnited StatesJ.P. MORGAN ADMINISTRATIONJ.P. MORGAN ADMINISTRATIONSERVICES (URELAND) LIMITEDU2 RK57, IrelandJ.P. MORGAN ADMINISTRATION2000, AustraliaJ.P. MORGAN ADMINISTRATIVELEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSWSERVICES AUSTRALIA LIMITED2000, AustraliaJ.P. MORGAN ALTERNATIVE ASSET2000, Australia	ISRAELI REPRESENTATIVE OFFICE OF	46 Rothschild Boulevard, Floor 5, Alrov Tower, Tel Aviv, 6688312,
J.P. MORGAN (SUISSE) SARue du Rhone 35, Geneva, Geneva, 1204, ŚwitzerlandJ.P. MORGAN (SUISSE) SA - ZURICH BRANCHDreikoenigstrasse 37, Floor 01, Zurich, 8022, SwitzerlandJ.P. MORGAN ACCEPTANCE CORPORATION I383 Madison Avenue, New York, New York, NY, 10179, United StatesJ.P. MORGAN ACCEPTANCE CORPORATION II383 Madison Avenue, 8th Floor, New York, New York, NY, 10179, United StatesJ.P. MORGAN ADMINISTRADORA DE CARTEIRAS BRASIL LTDA.Avenida Brigadeiro Faria Lima, 3729 -6th floor- part, Itaim Bibi, Sao Paulo, 04538-905, BrazilJ.P. MORGAN ADMINISTRATION SERVICES (GUERNSEY) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P. MORGAN ADMINISTRATION SERVICES (IRELAND) LIMITEDJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, IrelandJ.P. MORGAN ADMINISTRATION SERVICES (JERSEY) LIMITED4th Floor, Ensign House,29 Seaton Place, St. Helier, JE2 3QL, JerseyJ.P. MORGAN ADMINISTRATIVE LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW SERVICES AUSTRALIA LIMITED2000, AustraliaJ.P. MORGAN ALTERNATIVE ASSET2000, Australia		
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BRANCHDreikoenigstrasse 37, Floor 01, Zurich, 8022, SwitzerlandJ.P.MORGANACCEPTANCECORPORATION I383 Madison Avenue, New York, New York, NY, 10179, United StatesJ.P.MORGANACCEPTANCEGORPORATION IIUnited StatesJ.P.MORGAN ADMINISTRADORA DEAvenida Brigadeiro Faria Lima, 3729 -6th floor- part, Itaim Bibi, SaoCARTEIRAS BRASIL LTDA.Paulo, 04538-905, BrazilJ.P.MORGANADMINISTRATIONSERVICES (GUERNSEY) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P.MORGANADMINISTRATIONSERVICES (IRELAND) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P.MORGANADMINISTRATIONSERVICES (JERSEY) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P.MORGANADMINISTRATIONSERVICES (JERSEY) LIMITED4th Floor, Ensign House, 29 Seaton Place, St. Helier, JE2 3QL, JerseyJ.P.MORGANADMINISTRATIVELEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSWSERVICES AUSTRALIA LIMITED2000, AustraliaJ.P.MORGANALTERNATIVEASS-85CASTLEREAGH STREET, SYDNEY, NS, NSW	J.P. MORGAN (SUISSE) SA	Rue du Rhone 35, Geneva, Geneva, 1204, Switzerland
J.P.MORGANACCEPTANCECORPORATION I383 Madison Avenue, New York, New York, NY, 10179, United StatesJ.P.MORGANACCEPTANCECORPORATION IIUnited StatesJ.P.MORGAN ADMINISTRADORA DEAvenida Brigadeiro Faria Lima, 3729 -6th floor- part, Itaim Bibi, SaoCARTEIRAS BRASIL LTDA.Paulo, 04538-905, BrazilJ.P.MORGANADMINISTRATIONSERVICES (GUERNSEY) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P.MORGANADMINISTRATIONSERVICES (IRELAND) LIMITEDD02 RK57, IrelandJ.P.MORGANADMINISTRATIONSERVICES (JERSEY) LIMITED4th Floor, Ensign House,29 Seaton Place, St. Helier, JE2 3QL, JerseyJ.P.MORGANADMINISTRATIVEJ.P.MORGANADMINISTRATIVELEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSWSERVICES AUSTRALIA LIMITED2000, AustraliaJ.P.MORGANALTERNATIVE	J.P. MORGAN (SUISSE) SA - ZURICH	
CORPORATION I383 Madison Avenue, New York, New York, NY, 10179, United StatesJ.P.MORGANACCEPTANCE383 Madison Avenue,8th Floor, New York, New York, NY, 10179, United StatesJ.P.MORGANADMINISTRADORADE Avenida Brigadeiro Faria Lima, 3729 -6th floor- part, Itaim Bibi, Sao Paulo, 04538-905, BrazilJ.P.MORGANADMINISTRATION 	BRANCH	Dreikoenigstrasse 37, Floor 01, Zurich, 8022, Switzerland
J.P.MORGANACCEPTANCE383 Madison Avenue,8th Floor, New York, New York, NY, 10179, United StatesJ.P.MORGAN ADMINISTRADORA DE CARTEIRAS BRASIL LTDA.Avenida Brigadeiro Faria Lima, 3729 -6th floor- part, Itaim Bibi, Sao Paulo, 04538-905, BrazilJ.P.MORGANADMINISTRATION SERVICES (GUERNSEY) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P.MORGANADMINISTRATION D02 RK57, IrelandJ.P. MORGANJ.P.MORGANADMINISTRATION D02 RK57, IrelandJ.P.MORGANADMINISTRATION D02 RK57, IrelandJ.P.MORGANADMINISTRATION D02 RK57, IrelandJ.P.MORGANADMINISTRATION D02 RK57, IrelandJ.P.MORGANADMINISTRATION D02 RK57, IrelandJ.P.MORGANADMINISTRATIVE LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW 2000, AustraliaJ.P.MORGANALTERNATIVE ASSET		
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J.P.MORGANADMINISTRADORADE AvenidaAvenidaBrigadeiroFariaLima, 3729-6thfloor-part,ItaimBibi,Sao Paulo,04538-905,BrazilJ.P.MORGANADMINISTRATION SERVICES (GUERNSEY)LIMITEDLevel 3,Mill Court,LaCharroterie,StPeterPort,GY11EJ,GuernseyJ.P.MORGANADMINISTRATION SERVICES (IRELAND)J.P.Morgan,200CapitalDock,79SirJohn Rogerson'sQuay,Dublin, D02RK57,IrelandJ.P.MORGANADMINISTRATION SERVICES (JERSEY)LIMITEDJ.P.MorganADMINISTRATION SERVICES (JERSEY)4thFloor,Ensign House,29SeatonPlace,St.Helier,JE23QL,JerseyJ.P.MORGANADMINISTRATIVELEVEL18,83-85CASTLEREAGHSTREET,SYDNEY,NS,NSWSERVICESAUSTRALIALIMITED2000,Australia2000,AustraliaJ.P.MORGANALTERNATIVEASSETASSETAUSTRALIAADMINISTRATIVEASSET		
CARTEIRAS BRASIL LTDA.Paulo, 04538-905, BrazilJ.P.MORGANADMINISTRATIONSERVICES (GUERNSEY) LIMITEDLevel 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, GuernseyJ.P.MORGANADMINISTRATIONSERVICES (IRELAND) LIMITEDJ.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, IrelandJ.P.MORGANADMINISTRATIONSERVICES (JERSEY) LIMITED4th Floor, Ensign House,29 Seaton Place, St. Helier, JE2 3QL, JerseyJ.P.MORGANADMINISTRATIVELEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW 2000, AustraliaJ.P.MORGANALTERNATIVEJ.P.MORGANALTERNATIVEASSET		
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J.P. MORGAN ADMINISTRATION J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland J.P. MORGAN ADMINISTRATION D02 RK57, Ireland J.P. MORGAN ADMINISTRATION SERVICES (JERSEY) LIMITED J.P. MORGAN ADMINISTRATION 4th Floor, Ensign House,29 Seaton Place, St. Helier, JE2 3QL, Jersey J.P. MORGAN ADMINISTRATIVE LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW SERVICES AUSTRALIA LIMITED 2000, Australia J.P. MORGAN ALTERNATIVE ASSET		
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SERVICES AUSTRALIA LIMITED 2000, Australia J.P. MORGAN ALTERNATIVE ASSET		÷
J.P. MORGAN ALTERNATIVE ASSET		
		2000, Australia
MANAGEMEN I, INC. 383 Madison Avenue, New York, New York, NY, 10179, United States		
	MANAGEMEN I, INC.	383 Madison Avenue, New York, New York, NY, 10179, United States

J.P. MORGAN ASIA CONSULTING (BEIJING) LIMITED	Unit F2001A, F2002-F2006, F2008, F2009 and F2022-F2028, Beijing Winland International Finance Center, No. 7, Jinrong Street, Xicheng District, Beijing, 100033, China
	Room 4401-
	4406,4501,4504,4505,4508,4601,4602,4608,4701,4708,4801,
J.P. MORGAN ASIA CONSULTING	Shanghai Tower, No.479, Lujiazui Ring Road, Pilot Free Trade Zone,
(BEIJING) LIMITED SHANGHAI BRANCH	Shanghai, 200120, China
J.P. MORGAN ASSET MANAGEMENT	5 / /
REAL ESTATE (FRANCE) SAS	14 place Vendôme, Paris, F-75001, France
J.P. MORGAN AUSTRALIA GROUP PTY	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW
LIMITED	2000, Australia
J.P. MORGAN BANCO DE INVERSION	Avenida Miguel Dasso 104, Piso 8, San Isidro, Lima, 15073, Peru
	66 Wellington Street West, Suite 4500, Toronto, ON, M5k 1E7,
J.P. MORGAN BANK CANADA	Canada
J.P. MORGAN BROKER-DEALER	4 Chase Metrotech Center, 4th Floor, Brooklyn, Kings, NY, 11245,
HOLDINGS INC.	United States
J.P. MORGAN BROKING (HONG KONG)	18/F & 23-29/F, CHATER HOUSE, 8 CONNAUGHT ROAD
LIMITED	CENTRAL, HONG KONG, Hong Kong
J.P. MORGAN CAPITAL FINANCING	, , 0
LIMITED	25, Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN CAPITAL, L.P.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN CASA DE BOLSA, S.A. DE	· · · · · · · · · · · · · · · · · · ·
C.V., J.P. MORGAN GRUPO	Paseo de las Palmas no 405, 16th Floor, Lomas de Chapultepec l
FINANCIERO	SECCION, Mexico City, 11000, Mexico
J.P. MORGAN CAYMAN TRUST	
COMPANY LIMITED	20 Genesis Close, George Town, Grand Cayman, Cayman Islands
	Level 18 Integra Tower, The Intermark, 348 Jalan Tun Razak, Wilayah
J.P. MORGAN CHASE BANK BERHAD	Persekutuan, Kuala Lumpur, 50400, Malaysia
J.P. MORGAN CHASE BANK, N.A.,	
SUCURSAL EN CHILE	Apoquindo 2827, 13th Floor, Las Condes, Santiago, 7550268, Chile
J.P. MORGAN CHASE COMMERCIAL	
MORTGAGE SECURITIES CORP.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN CHASE COMMUNITY	
DEVELOPMENT CORPORATION	10 South Dearborn, Chicago, Cook, IL, 60603, United States
J.P. MORGAN CHASE CUSTODY	
SERVICES, INC.	780 Delta Dr, Monroe, Ouachita Parish, LA, 71203, United States
J.P. MORGAN CHASE NATIONAL	
CORPORATE SERVICES, INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN CHASE REALTY	237 Park Avenue, 12th Floor, New York, New York, NY, 10017, United
CORPORATION	States
J.P. MORGAN CHASE	
REPRESENTATIVE OFFICE (NIGERIA)	3-5 Oyinkan Abayomi Drive, Waterfront building, Ikoyi, Lagos, 100001,
LIMITED	Nigeria
J.P. MORGAN COMMODITIES	Basisweg 10, Amsterdam, The Netherlands, Amsterdam, 1043AP,
HOLDINGS IV B.V.	Netherlands
J.P. MORGAN CORREDORES DE BOLSA	
SPA	Apoquindo 2827, 13th Floor, Las Condes, Santiago, 7590956, Chile
J.P. MORGAN CORRETORA DE CAMBIO	Av. Brigadeiro Faria Lima nº 3729, 13° andar – parte, Itaim Bibi, Sao
E VALORES MOBILIARIOS S.A.	Paulo, 04538-905, Brazil
J.P. MORGAN COURTAGE SAS	14 Place Vendôme, 75001, Paris, Paris, 75001, France
J.P. MORGAN CUSTODY SERVICES	
(GUERNSEY) LIMITED	Level 3, Mill Court, La Charroterie, St Peter Port, GY1 1EJ, Guernsey
J.P. MORGAN DIRECT INVESTORS L.P.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN DUBLIN PUBLIC LIMITED	J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin,
COMPANY	D02 RK57, Ireland

J.P. MORGAN EQUITIES SOUTH AFRICA	1 Fricker Road, Illovo 2196, Johannesburg, South Africa,
PROPRIETARY LIMITED	Johannesburg, 2196, South Africa
J.P. MORGAN EUROPE LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN FINANCIAL	
INVESTMENTS LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
	J78, Building 1101, No. 171 Haibin Road, Nansha District, Guangzhou,
J.P. MORGAN FUTURES CO., LIMITED	CN, 511458, China
J.P. MORGAN G1 (GP SCOTS) LIMITED	60 Victoria Embankment, London, EC4 Y 0JP, England
J.P. MORGAN G1 (GP) LIMITED	60 Victoria Embankment, London, EC4 Y 0JP, England
J.P. MORGAN G2 (SCOTS GP) LIMITED	60 VICTORIA EMBANKMENT, LONDON, EC4Y 0JP, England
J.P. MORGAN GAVEA GESTAO DE	Praia do Botafogo, nº 228, 14º andar, sala 1405 (parte), Botafogo, Rio
PATRIMONIO LTDA.	de Janeiro, 22250-145, Brazil
J.P. MORGAN GRUPO FINANCIERO,	Paseo de las Palmas no 405,16th floor, Lomas de Chapultepec,
S.A. DE C.V.	Mexico City, 11000, Mexico
J.P. MORGAN GT CORPORATION	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN GT CORPORATION -	
	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN HOLDINGS (HONG KONG)	12/F, Tower 2, The Quayside, 77 Hoi Bun Road, Kwun Tong, Hong
	Kong, Hong Kong
J.P. MORGAN HONG KONG NOMINEES	12/F, Tower 2, The Quayside, 77 Hoi Bun Road, Kwun Tong, Hong
LIMITED	Kong J.P. Morgan Tower, Off C.S.T. Road,Kalina, Santacruz (East),
J.P. MORGAN INDIA PRIVATE LIMITED	J.P. Morgan Tower, Oli C.S.T. Road, Kalina, Santacruz (East), Mumbai., Mumbai, 400098, India
J.P. MORGAN INDIA SECURITIES	c/o IQ EQ Corporate Services (Mauritius) Ltd, 33 Edith Cavell Street,
HOLDINGS LIMITED	Port Louis, 11324, Mauritius
J.P. MORGAN INSTITUTIONAL	
INVESTMENTS INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN INTERNATIONAL	······································
DERIVATIVES LTD.	15 Esplanade, St Helier, Jersey, JE1 1RB, St. Helier, JE1 1RB, Jersey
J.P. MORGAN INTERNATIONAL	
FINANCE LIMITED	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN INTERNATIONAL	18F, 23-29/F Chater House, 8 Connaught Road Central, Hong Kong,
HOLDINGS LIMITED	Hong Kong
J.P. MORGAN INTERNATIONAL	500 Stanton Christiana Road, Newark, New Castle, DE, 19713-2107,
HOLDINGS LLC	United States
J.P. MORGAN INVESTIMENTOS E	Avenida Brigadeiro Faria Lima, 3729 - 6th floor-part, Itaim Bibi, Sao
FINANCAS LTDA.	Paulo, 04538-905, Brazil
J.P. MORGAN INVESTMENT	
MANAGEMENT INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN INVESTMENT MANAGEMENTINC LONDON BRANCH	60 Victoria Embankment London, EC4 V 0 ID England
MANAGEMENTING LONDON BRANCH	60 Victoria Embankment, London, EC4 Y 0JP, England 46 Rothschild Boulevard, Floor 5, Alrov Tower, Tel Aviv, 6688312,
J.P. MORGAN ISRAEL LIMITED	Israel
J.P. MORGAN LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN MANSART MANAGEMENT	Tokyo Building 2-7-3 Marunouchi, Chiyoda-ku, Tokyo, 100-6432,
JAPAN CO., LTD.	Japan
J.P. MORGAN MANSART MANAGEMENT	
LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN MARKETS LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN METALS LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
	9 Floor, 9, Al Sila Tower, Abu Dhabi Global Market Square, Al Maryah
J.P. MORGAN MIDDLE EAST LIMITED	Island, Abu Dhabi, United Arab Emirates
J.P. MORGAN MORTGAGE	
ACQUISITION CORP.	383 Madison Avenue, New York, New York, NY, 10179, United States

J.P. MORGAN NOMINEES AUSTRALIA	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW
PTY LIMITED	2000, Australia 500 Stanton Christiana Road, Newark, New Castle, DE, 19713-2107,
J.P. MORGAN OVERSEAS CAPITAL LLC	United States
J.I. MONGAN OVERSEAS CAI THAE EEC	2nd Floor, Bahria Complex II,M.T. Khan Road, Karachi, Pakistan.,
J.P. MORGAN PAKISTAN (PVT.) LIMITED	Karachi, 74000, Pakistan
J.P. MORGAN PARTNERS (BHCA), L.P.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN PARTNERS, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN PARTNERSHIP CAPITAL	
CORPORATION	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN POLAND SERVICES SP. Z	
0. 0.	AL JANA PAWLA II 19, Warsaw, 00-854, Poland
J.P. MORGAN PRIME INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN PRIVATE INVESTMENTS	383 Madison Avenue FLOOR 5, New York, New York, NY, 10179,
INC.	United States
J.P. MORGAN PRIVATE INVESTMENTS	
INTERNATIONAL INC.	383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN PRIVATE WEALTH	111 Pine Street, San Francisco, San Francisco, CA, 94111, United
ADVISORS LLC	States
J.P. MORGAN RE LUXEMBOURG	European Bank & Business Center, 6, route de Treves,
MANAGEMENT COMPANY S.A.	Senningerberg, L-2633, Luxembourg
J.P. MORGAN S.A DISTRIBUIDORA DE	Avenida Brigadeiro Faria Lima, 3729, 12th floor - part, Itaim Bibi, Sao
TITULOS E VALORES MOBILIARIOS	Paulo, 04538-905, Brazil
J.P. MORGAN SAUDI ARABIA COMPANY	
(A SINGLE SHAREHOLDER CLOSED	Al-Faisalia Administrative Building Level 8, King Fahd Road, P.O. Box
JOINT STOCK COMPANY)	59107 , Olaya District, Riyadh, 11553, Saudi Arabia
	TaunusTurm, Taunustor 1, Frankfurt am Main, Frankfurt, 60310,
J.P. MORGAN SE	Germany
J.P. MORGAN SE - AMSTERDAM	Strawinskylaan 1135,WTC Tower B, Amsterdam, 1077XX,
BRANCH	Netherlands
J.P. MORGAN SE - ATHENS BRANCH	3 Haritos Street, Kolonaki, Athens, 10675, Greece
J.P. MORGAN SE - BRUSSELS BRANCH	Boulevard du Régent 35, Brussels, 1000, Belgium
J.P. MORGAN SE - COPENHAGEN	
BRANCH, FILIAL AF J.P. MORGAN SE,	
TYSKLAND	Kalvebod Brygge 39, Copenhagen, 1560, Denmark
	J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin,
J.P. MORGAN SE - DUBLIN BRANCH	D02 RK57, Ireland
J.P. MORGAN SE - HELSINGIN	Debigiogenlanedi 22 Heleinki 00400 Finland
	Pohjoisesplanadi 33, Helsinki, 00100, Finland
J.P. MORGAN SE - LONDON BRANCH	25 Bank Street, Canary Wharf, London, E14 5JP, United Kingdom European Bank & Business Centre, 6. route de Treves.
J.P. MORGAN SE - LUXEMBOURG BRANCH	European Bank & Business Centre, 6, route de Treves, Senningerberg, L-2633, Luxembourg
J.P. MORGAN SE - MILAN BRANCH	Via Cordusio 3, Milan, 20123, Italy
J.P. MORGAN SE - MILAN BRANCH	Tordenskioldsgate 6, Oslo, 0160, Norway
	14, Place Vendome, Paris, 75001, France
J.P. MORGAN SE - PARIS BRANCH	14, 1 lave vehuulile, Falls, 10001, Flallue
J.P. MORGAN SE - STOCKHOLM	Sveavagen 20, Stockholm, 111 57, Sweden
BANKFILIAL J.P. MORGAN SE (SPOLKA	oveavayeli 20, Slockiolill, 111 37, Swedell
EUROPEJSKA) - ODDZIAL W POLSCE	AL JANA PAWLA II 19, Warsaw, 00-854, Poland
J.P. MORGAN SE, SUCURSAL EN	
ESPANA	Piramide Building, Paseo de la Castellana,31, Madrid, 28046, Spain
IP MORGAN SECTIRITIES (ASIA	18/E & 23-29/E CHATER HOUSE & CONNALIGHT ROAD
J.P. MORGAN SECURITIES (ASIA PACIFIC) LIMITED	18/F & 23-29/F, CHATER HOUSE, 8 CONNAUGHT ROAD CENTRAL, HONG KONG, Hong Kong

J.P. MORGAN SECURITIES (ASIA	UNIT F2001B, WINLAND INTERNATIONAL FINANCE CENTER,
PACIFIC) LIMITED - BEIJING	NO.7, JINRONG STREET, XICHENG DISTRICT, BEIJING, 100033,
REPRESENTATIVE OFFICE	China
J.P. MORGAN SECURITIES (CHINA)	Room 4901-4908, No. 501 Middle Yincheng Road, China (Shanghai)
COMPANY LIMITED	Pilot Free Trade Zone, Shanghai, 200120, China
	Units F2019B-F2021, Floor 4-19, Winland International Finance
J.P. MORGAN SECURITIES (CHINA)	Center, 7 Jinrong Street, Xicheng District, Beijing, Beijing, 100033,
COMPANY LIMITED BEIJING BRANCH	China
J.P. MORGAN SECURITIES (FAR EAST)	18/F & 23-29/F, CHATER HOUSE, 8 CONNAUGHT ROAD
LIMITED	CENTRAL, HONG KONG, Hong Kong
J.P. MORGAN SECURITIES (FAR EAST)	JPMorgan Plaza, 35, Seosomun-ro 11-gil, Jung-gu, Seoul, 04516,
LIMITED - SEOUL BRANCH	Korea (the Republic of)
J.P. MORGAN SECURITIES ASIA	
PRIVATE LIMITED	88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore
J.P. MORGAN SECURITIES AUSTRALIA	Level 18, 83-85 Castlereagh Street, NSW, Sydney, NS, 2000,
LIMITED	Australia
J.P. MORGAN SECURITIES AUSTRALIA	Australia
LIMITED - NEW ZEALAND BRANCH	Level 13, ASB Tower, 2 Hunter Street, Wellington, 6011, New Zealand
	TD Bank Tower, Suite 4500, 66 Wellington Street West, Toronto, ON,
J.P. MORGAN SECURITIES CANADA	
INC.	M5K 1E7, Canada
J.P. MORGAN SECURITIES INDIA	J.P. Morgan Tower, Off C.S.T. Road,Kalina, Santacruz (East),
PRIVATE LIMITED	Mumbai, India., Mumbai, 400098, India
J.P. MORGAN SECURITIES LLC	383 Madison Ave., New York, New York, NY, 10179, United States
J.P. MORGAN SECURITIES	25th Floor JPMorgan Chase & Co Tower, Manila, 9th Avenue corner
PHILIPPINES, INC.	38th Street, Uptown Bonifacio, Taguig City, 1635, Philippines
J.P. MORGAN SECURITIES PLC	25 Bank Street, Canary Wharf, London, E14 5JP, England
J.P. MORGAN SECURITIES PLC - PARIS	
BRANCH	14 Place Vendome, 75001 Paris, France, Paris, 75001, France
J.P. MORGAN SECURITIES PLC -	
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH	Dreikonigstrasse 37, Zurich, 8002, Switzerland
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE	Dreikonigstrasse 37, Zurich, 8002, Switzerland
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg,
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong,
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA)	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD.	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD.	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L.	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park,
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai,
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V.,	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN STRUCTURED	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM,
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN STRUCTURED PRODUCTS B.V.	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN STRUCTURED PRODUCTS B.V. J.P. MORGAN TECHNOLOGY SERVICES	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM, Netherlands, Europe
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN STRUCTURED PRODUCTS B.V. J.P. MORGAN TECHNOLOGY SERVICES INC.	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM,
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN STRUCTURED PRODUCTS B.V. J.P. MORGAN TECHNOLOGY SERVICES	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM, Netherlands, Europe
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN STRUCTURED PRODUCTS B.V. J.P. MORGAN TECHNOLOGY SERVICES INC.	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM, Netherlands, Europe 383 Madison Avenue, New York, New York, NY, 10179, United States 25 Bank Street., London, E14 5JP, England & Wales
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN TECHNOLOGY SERVICES INC. J.P. MORGAN TECHNOLOGY SERVICES	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABIk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM, Netherlands, Europe 383 Madison Avenue, New York, New York, NY, 10179, United States
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN TECHNOLOGY SERVICES INC. J.P. MORGAN TECHNOLOGY SERVICES UK LIMITED	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de las Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM, Netherlands, Europe 383 Madison Avenue, New York, New York, NY, 10179, United States 25 Bank Street., London, E14 5JP, England & Wales
J.P. MORGAN SECURITIES PLC - ZURICH BRANCH J.P. MORGAN SECURITIES SINGAPORE PRIVATE LIMITED J.P. MORGAN SECURITIES SOUTH AFRICA PROPRIETARY LIMITED J.P. MORGAN SECURITIES THAILAND HOLDINGS LIMITED J.P. MORGAN SERVICES (MALAYSIA) SDN. BHD. J.P. MORGAN SERVICES ARGENTINA S.R.L. J.P. MORGAN SERVICES INDIA PRIVATE LIMITED J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN SERVICIOS, S.A. DE C.V., J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN GRUPO FINANCIERO J.P. MORGAN TECHNOLOGY SERVICES INC. J.P. MORGAN TECHNOLOGY SERVICES UK LIMITED J.P. MORGAN TRUST COMPANY	Dreikonigstrasse 37, Zurich, 8002, Switzerland 88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore 1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg, 2196, South Africa 6, 7, 23-29/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong Level 25, Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, Kuala Lumpur, 50400, Malaysia Avenida Belgrano 955, Piso 1, Buenos Aires, C1092AAJ, Argentina Tower ABlk 9, Tower B Blk10, Tower C Blk 11, Nirlon Knowledge Park, Western Express Highway, Goregaon E, Mumbai Suburban, Mumbai, 400063, India Av. Paseo de Ias Palmas, 16th Floor, Lomas de Chapultepec, Mexico City, 11000, Mexico Luna Arena, Herikerbergweg 238, Amsterdam, 1101 CM, Netherlands, Europe 383 Madison Avenue, New York, New York, NY, 10179, United States 25 Bank Street., London, E14 5JP, England & Wales Bahamas Financial Centre, 2nd Floor Shirley and Charlotte Street,
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J.P. MORGAN TRUSTEE &	
ADMINISTRATION SERVICES LIMITED	60 Victoria Embankment, London, EC4Y OJP, England
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JPMAM G1 CIP LP	383 Madison Avenue, New York, New York, NY, 10179, United States
	MaplesFS, Boundary Hall, Cricket Square, Grand Cayman, KY1-
JPMAM JAPAN CAYMAN FUND LIMITED	1102, Cayman Islands
JPMAM RE GP 2 LIMITED	60 Victoria Embankment, London, EC4 Y 0JP, England
JPMAM RE GP 3 (SCOTS) LIMITED	60 Victoria Embankment, London, EC4Y OJP, England
JPMAM RE PROPERTY GP LIMITED	60 Victoria Embankment, London, EC4 Y 0JP, England
JPMC HERITAGE PARENT LLC	277 Park Avenue, New York, New York, NY, 10172, United States
JPMC STRATEGIC INVESTMENTS I	202 Medicer Avenue New York New York NV 40470 United Oteter
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JPMCB MERGER ENTITY LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMCB N.A. PGSC - ALLIANCE GLOBAL TOWER	5th to 6th Floors, Alliance Global Tower, 36th Street cor. 11th Avenue,
JPMCB N.A. PGSC - EBLOC 1	Taguig City, 1634, Philippines7th to 11th Floors, Ebloc Tower 1, Cebu City, 6000, Philippines
JPMCB N.A. PGSC - EBLOC 4	7th to 8th Floors, Ebloc Tower 4, Cebu City, 6000, Philippines
31 MCB N.A. 1 650 - EBEOC 4	G/F, 7th to 23rd Floors, Net Plaza Building, Taguig City, 1634,
JPMCB N.A. PGSC - NET PLAZA	Philippines
JPMCB N.A. PGSC - NET QUAD	Net Plaza Building, 31st Street, Taguig City, 1632, Philippines
JPMIM 4TH STREET GP LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM 4TH STREET INVESTOR LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM GOLDEN CARRY 2, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM REA MANAGER 1, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong,
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC.	383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong,
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED JPMORGAN ASSET MANAGEMENT	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia 42F&43F, 479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia 42F&43F, 479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, 200120, China
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED JPMORGAN ASSET MANAGEMENT	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia 42F&43F, 479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED JPMORGAN ASSET MANAGEMENT (CHINA) COMPANY LIMITED	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia 42F&43F, 479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, 200120, China Room 4408,Floor 44,Shanghai Tower, No.479 Lujiazui Ring Road,
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED JPMORGAN ASSET MANAGEMENT (CHINA) COMPANY LIMITED JPMORGAN ASSET MANAGEMENT	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia 42F&43F, 479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, 200120, China Room 4408,Floor 44,Shanghai Tower, No.479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone, China (Shanghai) Pilot Free
JPMIM REA MANAGER 1, LLC JPMIM REGENCY 1 CARRY, LLC JPMIM REGENCY 1 INVESTOR, LLC JPMORGAN ASSET MANAGEMENT (ASIA PACIFIC) LIMITED JPMORGAN ASSET MANAGEMENT (ASIA) INC. JPMORGAN ASSET MANAGEMENT (AUSTRALIA) LIMITED JPMORGAN ASSET MANAGEMENT (CHINA) COMPANY LIMITED JPMORGAN ASSET MANAGEMENT (CHINA) LIMITED	 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States 19 & 20/F, Chater House, 8 Connaught Road Central, Hong Kong, Hong Kong 383 Madison Avenue, New York, New York, NY, 10179, United States Level 31, 101 Collins Street, Melbourne, VIC, 3000, Australia 42F&43F, 479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, 200120, China Room 4408,Floor 44,Shanghai Tower, No.479 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone, China (Shanghai) Pilot Free

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(NORDIC) FILIAL TILL JPMORGAN	
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JPMORGAN CHASE BANK (CHINA)	Unit 3808A & 3809-3811, 38/F,Tianjin World Financial Center, No.2
COMPANY LIMITED - TIANJIN BRANCH	North Dagu Road,, Heping District, Tianjin, Tianjin, 300022, China
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OHIO ISTANBUL TURKIYE SUBESI	Cad. No. 185 Kat: 8, Levent, Istanbul, 34394, Turkey
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DHABI REPRESENTATIVE OFFICE	Emirates
JPMORGAN CHASE BANK, N.A	
ALMATY REPRESENTATIVE OFFICE	34 Al-Farabi Avenue, Medeuskiy District, Almaty, 050059, Kazakhstan
JPMORGAN CHASE BANK, N.A	14th Floor, Bahrain World Trade Centre, West Tower, Manama,
BAHRAIN BRANCH	Kingdom of Bahrain, Manama, Bahrain
JPMORGAN CHASE BANK, N.A	
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CARACAS REPRESENTATIVE OFFICE	Caracas, Caracas, Venezuela
JPMORGAN CHASE BANK, N.A	
ESCRITORIO DE REPRESENTACAO EM	
PORTUGAL (LISBON REPRESENTATIVE	
OFFICE)	Rua Barata Salgueiro, nº 30, 3ºDtº, Lisboa, 1169 002, Portugal
JPMORGAN CHASE BANK, N.A HANOI	Room 201, 2/F, Asia Tower, 6 Nha tho Street, Hoan Kiem District,
REPRESENTATIVE OFFICE	Hanoi, Viet Nam
JPMORGAN CHASE BANK, N.A HO CHI	29 Le Duan Street, 15th Floor,Saigon Tower, District 1, Ho Chi Minh
MINH CITY BRANCH	City, 70000, Viet Nam
JPMORGAN CHASE BANK, N.A HONG	18/F & 20-29/F, CHATER HOUSE, 8 CONNAUGHT ROAD
KONG BRANCH	CENTRAL, HONG KONG, Hong Kong
	The Energy Building LT. 5, SCBD Lot 11 A, Jl. Jend. Sudirman Kav 52-
JPMORGAN CHASE BANK, N.A	53, village / kelurahan senayan kec. new kebayoran, admin city. South
JAKARTA BRANCH	Jakarta, DKI, Jakarta, 12190, Indonesia
JPMORGAN CHASE BANK, N.A	
	4th Floor, Ensign House, 29 Seaton Place, St Helier, JE2 3QL, Jersey
JPMORGAN CHASE BANK, N.A	1 Fricker Road, Illovo, Johannesburg, South Africa, Johannesburg,
JOHANNESBURG BRANCH	2196, South Africa
JPMORGAN CHASE BANK, N.A	Unit 5(F), Level 5, Main Office Tower, Financial Park Labuan, Jalan
	Merdeka, Labuan, 87000, Malaysia
JPMORGAN CHASE BANK, N.A	25 Bank Street Conony Whent London 5445 12 Friday I
	25 Bank Street, Canary Wharf, London, E14 5JP, England
JPMORGAN CHASE BANK, N.A	25th Floor JPMorgan Chase & Co Tower, Manila, 9th Avenue corner
	38th Street, Uptown Bonifacio, Taguig City, 1635, Philippines
JPMORGAN CHASE BANK, N.A MILAN	Via Carduaia 2 Milan 20122 Italy
BRANCH	Via Cordusio 3, Milan, 20123, Italy

JPMORGAN CHASE BANK, N.A	J.P. Morgan Tower,Off C.S.T. Road, Kalina, Santacruz (East),,
MUMBAIBRANCH	Mumbai, Mumbai, 400098, India
JPMORGAN CHASE BANK, N.A NEW	
ZEALAND BRANCH	Level 13, ASB Tower, 2 Hunter Street, Wellington, 6011, New Zealand
JPMORGAN CHASE BANK, N.A	Calle Darien, Punta Pacifica, P.H. Torres de las Americas, Oficina
PANAMA REPRESENTATIVE OFFICE	2802-C, Torre C, Panama City, 0833-200, Panama
JPMORGAN CHASE BANK, N.A PARIS	
BRANCH	14, Place Vendome, 75001, Paris, France, Paris, 75001, France 25TH FLOOR JPMORGAN CHASE AND CO TOWER, MANILA 9TH
	AVE CORNER 38TH STREET, UPTOWN BONIFACIO FORT
JPMORGAN CHASE BANK, N.A	BONIFACIO BONIFACIO GLOBAL CITY, TAGUIG CITY NCR,
PHILIPPINE GLOBAL SERVICE CENTER	FOURTH DISTRICT, 1634, Philippines
JPMORGAN CHASE BANK, N.A QATAR	Alfardan Office Tower, 9th Floor, Building No 12, Zone 61, Street No
FINANCIAL CENTRE BRANCH	814, Al Funduq St., West Bay, Doha, 21364, Qatar
JPMORGAN CHASE BANK, N.A	Al-Faisaliah Tower Level 25, King Fahd Road, P.O. Box 51907, Riyadh
RIYADH BRANCH	11553, Saudi Arabia, Riyadh, 11553, Saudi Arabia
JPMORGAN CHASE BANK, N.A SAO	Avenida Brigadeiro Faria Lima, 3729 10th floor - part Itaim Bibi, Sao
PAULO BRANCH	Paulo, 04538-905, Brazil
JPMORGAN CHASE BANK, N.A SEOUL	J.P. Morgan Plaza, 35, Seosomun-ro 11 gil, Jung-gu, Seoul, 04516,
BRANCH	Korea (the Republic of)
JPMORGAN CHASE BANK, N.A SINGAPORE BRANCH	88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore
JPMORGAN CHASE BANK, N.A SRI	c/o F J & G De Saram,Attorneys-at-Law, No.216, de Saram Place,
LANKA REPRESENTATIVE OFFICE	Colombo 10, Colombo, 10, Sri Lanka
JPMORGAN CHASE BANK, N.A	Level 18, 83-85 CASTLEREAGH STREET, Sydney, NSW 2000,
SYDNEY BRANCH	Australia
JPMORGAN CHASE BANK, N.A TAIPEI	3F, 8F and 9F, No.106, 3F and 8F, No. 108, Sec. 5, Hsin Yi Road,
BRANCH	Taipei, Taiwan, 11047, Taiwan (Province of China)
JPMORGAN CHASE BANK, N.A	5 Floor Block A, International Business Centre (IBC), 107 B, Amir
TASHKENT REPRESENTATIVE OFFICE	Temur Ave, Tashkent, 1000084, Uzbekistan
JPMORGAN CHASE BANK, N.A TOKYO	Tokyo Building,7-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100
BRANCH JPMORGAN CHASE BANK, N.A	6432, Japan
ZURICH BRANCH	Dreikonigstrasse 37, Zurich, 8002, Switzerland
2010011 810 (10011	Hoysala Corpus, Second Floor, Survey Number 29 (new Survey No.
JPMORGAN CHASE BANK, N.A.,	29/5), Guttahalli Village, Kasaba Hobli, Devanahalli, Devanahalli
DEVANAHALLI BRANCH	Taluk, 562110, India
JPMORGAN CHASE BANK, N.A., NEW	4th Floor unit No. 407, Worldmark 2 Asset Area No. 8, Hospitality
DELHI BRANCH	District, Delhi Aerocity, New Delhi, 110037, India
JPMORGAN CHASE BANK, N.A.,	The Canopy, 2nd Avenue, 2nd Floor, Mahindra World City, Paranur,
PARANUR BRANCH	Chengalpattu Taluk, 603004, India
JPMORGAN CHASE BANK, NATIONAL	1111 Polaris Parkway, Columbus, Delaware, OH, 43240, United
ASSOCIATION JPMORGAN CHASE BANK, NATIONAL	States 66 Wellington Street West, Suite 4500, Toronto, ON, M5k 1E7,
ASSOCIATION - TORONTO BRANCH	Canada
JPMORGAN CHASE BANK, NATIONAL	- -
ASSOCIATION (SUCURSAL BUENOS	
AIRES)	Avenida Madero 900, 23rd Floor, Buenos Aires, C1106ACV, Argentina
	Floor 6, unit no 605, Brigade International Financial Centre, Building
JPMORGAN CHASE BANK, NATIONAL	No. 14A, Block 14, Zone 1, GIFT City SEZ, Gandhinagar, 382 355,
ASSOCIATION, GIFT CITY BRANCH	India
JPMORGAN CHASE HOLDINGS LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMORGAN CHASE TRAVEL LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMORGAN COLOMBIA LTDA.	Cr 11 84 - 09, Of 701, 702, 703, 704, Bogota DC, 110221, Colombia
JPMORGAN DISTRIBUTION SERVICES, INC.	1111 Polaris Parkway, Columbus, Delaware, OH, 43240, United States

JPMORGAN HEDGE FUND SERVICES (IRELAND) LIMITED	J.P. Morgan, 200 Capital Dock, 79 Sir John Rogerson's Quay, Dublin, D02 RK57, Ireland
JPMORGAN INVEST HOLDINGS LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
JPMORGAN INVESTMENT ADVISORS (KOREA) COMPANY LIMITED	JPMorgan Plaza, 35, Seosomun-ro 11-gil, Jung-gu, Seoul 110-120, South Korea., Seoul, 04516, Korea (the Republic of)
JPMORGAN INVESTMENT CONSULTING (BEIJING) LIMITED	Unit F1926-F1928, Beijing Winland International Finance Center, No. 7, Jinrong Street, Xicheng District, Beijing, 100033, China
JPMORGAN MUTUAL FUND INDIA PRIVATE LIMITED	J.P. Morgan Tower, Off. C.S.T. Road,Kalina, Santacruz (East), Mumbai 400098, India., Mumbai, 400098, India
JPMORGAN SECURITIES (MALAYSIA) SDN. BHD.	Level 18 Integra Tower, The Intermark, 348 Jalan Tun Razak, Kuala Lumpur, 50400, Malaysia
JPMORGAN SECURITIES JAPAN CO., LTD.	Tokyo Building,7-3, Marunouchi 2 Chome, Chiyoda-ku, Tokyo, 100 6432, Japan
JPMORGAN SPECIAL SITUATIONS (MAURITIUS) LIMITED	c/o IQ EQ Corporate Services (Mauritius) Ltd, 33 Edith Cavell Street, Port Louis, 11324, Mauritius
JPMORGAN VENTURES ENERGY (ASIA)	
PTE. LTD.	88 Market Street, 30-00 CapitaSpring, Singapore, 048948, Singapore
JPMREP HOLDING CORPORATION	383 Madison Avenue, New York, New York, NY, 10179, United States
MAX RECOVERY AUSTRALIA PTY LIMITED	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW 2000, Australia
MAX RECOVERY LIMITED	25 Bank Street, Canary Wharf, London, E14 5JP, England
NEOVEST, INC.	1145 S. 800 East, Suite 310, Orem, Utah, UT, 84097, United States
NEWECONOMY.COM.AU NOMINEES PTY LIMITED	LEVEL 18, 83-85 CASTLEREAGH STREET, SYDNEY, NS, NSW 2000, Australia
NORCHEM HOLDINGS E NEGOCIOS LTDA.	Avenida Brigadeiro Faria Lima, 3729 10th floor - part Itaim Bibi, Sao Paulo, 04538-905, Brazil
NORCHEM PARTICIPACOES E CONSULTORIA LTDA.	Avenida Brigadeiro Faria Lima, 3729 10th floor - part Itaim Bibi, Sao Paulo, 04538-905, Brazil
NUTMEG SAVING AND INVESTMENT LIMITED	Unit 201, 2nd Floor Vox Studios, 1–45 Durham Street, London, SE11 5JH, United Kingdom
OPEN INVEST CO.	560 Mission St, 22nd Floor, San Francisco, San Francisco, CA, 94105, United States
PAYMENTECH, LLC	8181 Communications Parkway, Plano, Collin, TX, 75024, United States
PT J.P. MORGAN SEKURITAS INDONESIA	Gd. The Energy Lt.6 SCBD Lot. 11A, JL. Jend. Sudirman Kav. 52-53, Senayan, Kebayoran Baru, Jakarta Selatan, Jakarta, Indonesia
RENOVITE TECHNOLOGIES LIMITED	Unit 10/11, Dewar House, Carnegie Campus, Dunfermline, KY11 8PY, United Kingdom
SECURITY CAPITAL RESEARCH & MANAGEMENT INCORPORATED	10 S. Dearborn Street, Suite 1400, Chicago, Cook, IL, 60603, United States
THE BEAR STEARNS COMPANIES LLC	383 Madison Avenue, New York, New York, NY, 10179, United States
THE INFATUATION INC.	450 W. 33rd St 15th FL, New York, New York, NY, 10001, United States
THE INFATUATION LTD	25 Bank Street, None, London, E14 5JP, England
WASHINGTON MUTUAL MORTGAGE	20 Dank Olicet, None, London, L 14 30F, England
SECURITIES CORP.	3415 Vision Drive, Columbus, Franklin, OH, 43219, United States
WEPAY, INC.	3223 Hanover St, Palo Alto, Santa Clara, CA, 94304, United States

LAST UPDATED: JUNE, 2023 California Consumer Privacy Act (CCPA) Disclosure and Notice at Collection

This disclosure is addressed to workforce members who are California residents , and concerns the practices of the JPMorgan Chase & Co. family of companies ("we," "us," "our," or "JPMorgan Chase") that relate to personal information of California residents collected in the workforce context. It explains what personal information we collect, where we collect it from, what we use it for, who we disclose it to, how long we keep it, the rights California residents may have, and how to exercise them. Please note that the CCPA, and this disclosure, do not apply to information covered by other federal and state privacy laws, including the Gramm-Leach-Bliley Act, the Fair Credit Reporting Act and certain other laws. If you have questions after reviewing this policy, please visit our <u>Frequently Asked Questions</u>. If you have questions or concerns not addressed here, please contact us at (800) 573-7138.

Categories of Personal Information

In the past 12 months we have collected personal information (meaning information that identifies, relates to, describes, is reasonably capable of being associated with, or could be reasonably linked, directly or indirectly, with you or a household) in the following categories:

- Personal identifiers, including those listed in other California statutes: Real name; alias; Social Security number; passport number; other government issued number; Green Card number; driver license number; telephone number; email address; postal address; online identifier; device identifier; IP address
- Characteristics of protected classifications: date of birth/age; gender; military or veteran status; marital status; nationality; citizenship; request for family care leave; request for leave for employee's own serious health condition; request for pregnancy leave
- Biometric information: imagery of the iris, retina, fingerprint, face, hand, palm, vein patterns, and voice recordings, from which an identifier template, such as a faceprint or a voiceprint, can be extracted, keystroke patterns or rhythms, and gait patterns or rhythms
- Professional or employment information
- Education information: details of your education and qualifications
- Financial details: bank account numbers; debit/credit card numbers
- Commercial Information: records of personal property; products and service purchased, obtained or considered
- Internet or other electronic network activity information: browsing history, search history, information regarding your interaction with an application website
- Geolocation data: any information used to identify your physical location
- Communications, recordings, images: audio, electronic, visual; views and opinions
- Inferences: Any derivation of information, data, assumptions, or conclusions drawn from certain of the above categories
- Sensitive Personal Information: includes certain government identifiers (such as a Social Security driver license, or passport number); an account log-in, financial account, debit or credit card number with any required security code, password, or credentials allowing access to an account; precise geolocation; contents of mail, email, and text messages; genetic data; biometric information processed to identify an individual; information concerning an individual's health; sex life or sexual orientation; or information about racial or ethnic origin, religious or philosophical beliefs, or union membership.

Categories of Sources of Personal Information

In the past 12 months we have collected personal information about California residents from the following categories of sources:

- **Directly from you**, when you provide it to us digitally or physically (e.g., in connection with processing payroll or providing benefits)
- As well as from:
 - our affiliates o your employer, when your employer is a client of ours o public sources, when you choose to make it public, including via social media (e.g., we may collect information from your social media profile(s), to the extent that you choose to make your profile publicly visible)
 - service providers and third parties who provide it to us (e.g., credit reference agencies; and law enforcement authorities)
 - your visits to any of our apps or websites or your use of any features or resources available on or through an app or website. When you use an app or visit a website, your device and browser may automatically disclose certain information (such as device type, operating system, browser type, browser settings, IP address, language settings, dates and times of connecting and other technical communications information), which may constitute Personal Information. We may share some of this information with third parties for cross contextual behavioral advertising purposes and describe further down in this disclosure how you can opt-out of this sharing by implementing the Global Privacy Control browser setting.

Business and Commercial Purposes for the Collection, Disclosure, and Use of Personal Information

We collect and use Personal Information from or about California residents for the following purposes:

- AML/KYE: fulfilling our own and assisting our clients and counterparties in meeting regulatory compliance obligations, including "Know Your Employee" and "Know Your Client" checks; and confirming and verifying your identity (including by using credit reference agencies); screening against government, supranational bodies and/or law enforcement agency sanctions lists as well as internal sanctions lists and other legal restrictions
- Application Processing: assessing your suitability for vacancies at JPMorgan and administering our recruitment Processes and recruitment campaigns
- Employee on-boarding: on-boarding new employees; and compliance with our internal mobility requirements, policies and procedures
- Performance of Employment Commitments: such as those described in the offer letter or a benefits plan
- Human Resource Operations and Services: such as, but not limited to payroll operations, onboarding and offboarding
 operations
- Workplace Environment: such as, but not limited to health and safety factors
- Credit worthiness: conducting credit reference checks and other financial due diligence
- Operation of our websites: operation and management of our websites; providing content to you; displaying advertising and other information to you; and communicating and interacting with you via our websites

- IT operations: management of our communications systems; operation of IT security; and IT security audits
- Health and safety: health and safety assessments and record keeping; and compliance with related legal obligations
- Financial management: sales; finance; corporate audit; and vendor management
- Research: conducting market research; and engaging with you for the purposes of obtaining your views on your employment experience
- Security: physical security of our premises (including records of visits to our premises and CCTV recordings); and electronic security (including login records and access details, where you access our electronic systems)
- Investigations: detecting, investigating and preventing breaches of policy, and criminal offences, in accordance with applicable law
- Legal compliance: compliance with our legal and regulatory obligations under applicable law
- Legal proceedings: establishing, exercising and defending legal rights
- Improving our products and services: identifying issues with existing products and services; planning improvements to existing products and services; and creating new products and services
- Risk Management: audit, compliance, controls and other risk management
- Business Process Execution: maintaining and running a financially viable organization in accordance with law and regulations
- Corporate and Community Affairs
- Investor Relations and Governmental Affairs
- Fraud prevention: Detecting, preventing and investigating fraud
- Providing our products and services in ways not already described in the categories above
- Employee Performance and Efficiency: maximizing business performance through monitoring and evaluating employee performance and efficiency

Disclosure of Personal Information

In the past 12 months we have disclosed the categories of California residents' personal information to some or all of the following categories of recipients:

- You and, where appropriate, your family, your associates and your representatives
- Our affiliates
- Clients, customers and counterparties of, or to, our businesses
- Credit reporting agencies
- Anti-fraud services providers
- Accountants, auditors, financial advisors, lawyers and other outside professional advisors to JPMorgan Chase, subject to confidentiality
- Accreditation bodies

- Service providers (examples include benefits and payroll providers)
- Credit reporting agencies
- Any relevant party, claimant, complainant, enquirer, law enforcement agency or court, to the extent
- Any relevant party for the purposes of prevention, investigation, detection or prosecution of criminal offences or the execution of criminal penalties, including safeguarding against and the prevention of threats to public security in accordance with applicable law
- Any relevant third party acquirer(s), in the event that we sell or transfer all or any relevant portion of our business or assets (including in the event of a reorganization, dissolution or liquidation)
- The press and the media
- Voluntary and charitable organizations
- Other parties, if you specifically direct or expressly consent to us disclosing your personal information to them

Retention of Personal Information

We take reasonable steps designed to ensure that your personal information is only processed for the minimum period necessary for the purposes set out in this disclosure. The criteria for determining the duration for which we will retain your personal information are as follows:

- 1. We will retain copies of your personal information in a form that permits identification only for as long as:
 - a. We maintain an ongoing relationship with you (e.g., while you are still receiving services from us); or
 - b. Your personal information is necessary in connection with purposes set out in this disclosure

plus:

2. The duration of any applicable limitation period under applicable law; and where required by applicable law or a retention policy established in accordance with applicable law

In addition, if any relevant legal claims are anticipated/brought, we may continue to retain your personal information for such additional periods as are necessary in connection with that claim.

Once the periods above have concluded, each to the extent applicable or permitted by applicable law, we will 1) permanently delete or destroy the relevant personal information, or 2) archive your personal information so that it is beyond use; or 3) anonymize the relevant personal information.

Rights for California Residents

As a California resident, you may have one or more of the following rights under the CCPA:

- the right to know:
 - the categories of personal information we have collected;

 the categories of sources used to collect the personal information;
 the purposes for collecting your personal information;
 the categories of recipients with whom we share your personal information, including for cross-contextual behavioral advertising purposes; and
 - the specific pieces of personal information we have collected about you
- the right to request, on legitimate grounds, deletion of your personal information that we collected;
- the right to opt out of our sharing your personal information for the purpose of cross contextual behavioral advertising
- the right, in certain circumstances, to correct inaccurate personal information we collected about you; and
- the right not to be discriminated against for exercising any of these rights.

We also must provide in this online disclosure certain details about our collection and handling of categories of personal information.

How to Exercise Your Rights Under the CCPA

To exercise one or more of your rights, you or someone you authorize to make a request on your behalf may call us at (800) 573-7138 or click on the following link <u>CCPA Request</u> and follow the instructions provided. Additional detail is available in our <u>Frequently Asked Questions</u>, including relating to:

- How to submit a rights request
- How to authorize someone else to submit a rights request on your behalf. What to expect after submitting a request

Sharing Personal Information

We may sometimes share personal information (specifically, personal identifiers and internet or other electronic network activity information) with our marketing partners for cross-contextual behavioral advertising purposes. California residents may have a right to opt out of this sharing. To facilitate this right, we honor Global Privacy Control (GPC) opt-out preference signals. GPC is a setting available in some browsers that notifies our websites of a California resident's decision to opt out of the sharing of their personal information for cross-contextual behavioral advertising purposes. You can learn how to enable GPC on your browser here.

Other means of communicating your behavioral advertising preferences include opting out through the cross-industry Self-Regulatory Program for Online Behavioral Advertising managed by the Digital Advertising Alliance (DAA). Please click <u>here</u> and follow the instructions. You can also click on the Advertising Options Icon featured on certain JPMorgan Chase ads on third-party websites. Finally, you may be able to opt out using the privacy settings available through your device operating system (e.g., turning on "Opt out of Ads Personalization" in Android, or switching off "Allow Apps to Request to Track" in iOS).

Please bear in mind that opt outs may be specific to a browser or device. Therefore, you may need to opt out from each browser on each of the devices that you use. Note that even if you opt out, you may still receive advertisements from us, they just won't be customized relying on the personal information you have opted out of being shared.

Sale of Personal Information

We do not offer an opt-out from the sale of personal information because we do not sell personal information as defined by the CCPA (and have not done so in the last 12 months).

Individuals Under 16 Years of Age

We do not knowingly collect or share personal information from children under 16 without parental consent.

Use and Disclosure of Sensitive Personal Information

We do not offer a right to limit our use and disclosure of Sensitive Personal Information because we do not use or disclose Sensitive Personal Information in such a manner as to require provision of the right (specifically, for purposes of inferring characteristics about an individual).

Annual CCPA Request Metrics

Our annual CCPA request metrics can be found at this link (PDF).

Changes to this Disclosure

We may change this disclosure from time to time. When we do, we will communicate the changes by appropriate means, such as by posting the revised disclosure on our CCPA web site with a new "Last Updated" date. Any changes to this disclosure will become effective when posted unless indicated otherwise.

Ask a Question

We encourage you to raise any questions you might have regarding our principles or practices via email to HR.Data.Privacy@JPMorgan.com.

The Office of the HR Data Privacy Champion will review and respond to your question.

Data Subject Information Requests

Data Subject Information Requests (DSIR) should be sent to the Office of the HR Data Privacy Champion (<u>HR.Data.Privacy@JPMorgan.com</u>) who will respond to your email. When you make a request we keep a record of your communication so we can action it appropriately. It will be retained in compliance to the

JPMC Record Management policy.

Defined Terms

Controller	The entity that decides how and why Personal Data is Processed. In many jurisdictions, The Controller has primary responsibility for complying with applicable data protection laws.
Data Protection Authority	An independent public authority that is legally tasked with overseeing compliance with applicable data protection laws.
Personal Data	Personal data means any information relating to an identified or identifiable natural person ("data subject"); an identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that natural person.
Process or Processed or Processing	Anything that is done with any Personal Data, whether or not by automated means, such as collection, recording, organisation, structuring, storage, adaptation or alteration, retrieval, consultation, use, disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, erasure or destruction.
Personnel	Any current, former and prospective directors, officers, consultants, employees, temporary staff, individual contractors, interns, secondees and other personnel.
Processor	Any person or entity that Processes Personal Data on behalf of the Controller (other than employees of the Controller).
Sensitive Personal Data	Personal Data about race or ethnicity, political opinions, religious or philosophical beliefs, trade union membership, physical or mental health, sexual life, or any other information that may be deemed to be sensitive under applicable law.

Personal Data

Category	Business process	Purpose of use
Age	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees. Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence. Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.

 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review

	 Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight. Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	HR call center for tier 1 JPMC employee questions and concerns.

	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning. Manage Employee Information And Analytics.
Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting

compliance risks across the firm, including
but not limited to: Code of Conduct Management,
Compliance Control,
Compliance Monitoring, Compliance
Regulatory Reporting, Control Room, Core
Practices, Employee Compliance, GFCC
Controls, Global Financial Crimes, Global
Privacy, Market Conduct, Records
Management and Retention, Regulatory, Sanctions. All
processes related to the management of risk including
but not
limited to, Policies, Operational Risk, Market
Risk, IT Risk, Fraud, Reputational Risk,
Auditing, Common Risk Management
Processes, IT Risk Management, Operational
Risk Management, Regulatory Risk
Management. Legal processes including but
not limited to Legal Execution, Legal Governance. Legal
is responsible for providing legal services to the
Corporation and is organized by practice groups that
generally align with the Corporation's lines of business
(LOB) and corporate staff areas.

Bank Account Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
		 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.

Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Other HR	 HR call center for tier 1 JPMC employee questions and concerns. Manage Employee Information And Analytics.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
	 Process to manage employee initiated expenses.

Visa/Work Permit/Biometrics Details	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
		 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.

E	mployee Relations	•	Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	xpatriate dministration	•	Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
D	earning, evelopment and raining	•	Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Er O	ecruitment, mployee nboarding, and edeployment	•	Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing

	employee retirement, disengagement and redeployment.
Other HR	Manage Employee Information And Analytics.

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		 Facilities Management processes including but not limited to Physical Security, Manage Data Centres, Moves and Changes, Strategic Planning
Building Location	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and

		administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
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	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage

	International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development a Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, ar Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory,
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 Technology processes including but not limited to Access Management, Application Development, Architecture Management, Capacity Management, Change Management, Data Integrity Management, Deliver/Support Information Technology Services, Demand Management, Event Management, IT Governance Framework, IT Operations Management, IT Service Continuity Management, Incident Management, Information Security Management, Manage The Business Of Information Technology, Project Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology Problem Management, User Tools Management
 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to
be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaking the required training- The people that have undertaken (and passed, if appropriate) the required training

Citizenship/Nationality	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees. Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence. Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted according to the payroll and pay
		are accurately reflected as leavers in the payroll and p is adjusted accordingly.

Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns.

		HR generalist function that interfaces with the business directly on people strategies
		and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
		 Manage Employee Information And Analytics.
	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Criminal Records	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.

Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and
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	address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that
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	generally align with the Corporation's lines of business (LOB) and corporate staff areas.

Date & time or turnstile / door operation in JPMC	on	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
		Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to an employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas. Facilities Management processes including but not
	limited to Physical Security, Manage
	Data Centres, Moves and Changes, Strategic
	Planning

Compensation Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
		 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
		 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review

	Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance

		Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Tax Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change

		Employee Data, Monitor Employee Consecutive Absence.
	Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Disability Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data Monitor Employee Consecutive Absence.

	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review

	 Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight. Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.

	Other HR	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
		 Manage Employee Information And Analytics.
Education History	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
		 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation

	Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
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Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeploym Processes including but not limited to processes that provide recruitment for th firm, processes for the management for employee a contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	Manage Employee Information And Analytics.
Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across th firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC

		Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Electronic Communications	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.

Non HR Proce	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.

	 Technology processes including but not limited to Access Management, Application Development, Architecture Management, Capacity Management, Change Management, Data Integrity Management, Deliver/Support Information Technology Services, Demand Management, Event Management, IT Governance Framework, IT Operations Management, IT Service Continuity Management, Incident Management, Information Security Management, Information Security Management, Manage The Business Of Information Technology, Project Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology
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	Problem Management, User Tools Management
	 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaking the required training- The people that have undertaken (and passed, if appropriate) the required training

Employment History	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
		 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
	Employee Relations	Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation

	Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
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Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations
	and Retirements, Talent Management and Succession
	 Planning. Manage Employee Information And Analytics.

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Ethnicity	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to

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		 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
	Learning, Development and Training	Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
	Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
	Other HR	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
		 Manage Employee Information And Analytics.
Family Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan

	programs, Administers and manages disability claims for JPMC employees.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.

Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer

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Analytics.

Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.

Manage Employee Information And

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management Processes, IT Risk Management, Operational Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Gender	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management,
		dependent verification etc., Oversee and administer all

	dependent verification etc., Oversee and administer all	
	the Required pension plan programs, Administers and	
	manages disability claims for JPMC employees.	

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage

	International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not

		limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Home Addresses	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.

Employ	ee Relations •	Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Expatria Admini	ete •	Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.

Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer
	Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.

	Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Investment Account Details	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and

		Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Leave of Absence Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax
	Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.

Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor

	Human Resource Capacity, Promote Employees, Review Employee Performance.
Other HR	 Governance of HR regulatory obligations for JPMC employees.
	HR call center for tier 1 JPMC employee questions and concerns.
	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas. Facilities Management processes including but not
	limited to Physical Security, Manage

		Data Centres, Moves and Changes, Strategic Planning
Licenses/Certifications	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.

Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations

		and Retirements, Talent Management and Succession Planning.
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	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		 Facilities Management processes including but not limited to Physical Security, Manage Data Centres, Moves and Changes, Strategic Planning
Marital Status	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.

Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
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Other HR	HR call center for tier 1 JPMC employee questions and concerns.
	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Medical	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of
		employee benefits including benefit plan design, benefit vendor management, dependent verification etc. Oversee and administer all the Bequired pension

	benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
	claims for shine employees.

Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.

Military Service Details	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
	Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
	Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
	Other HR	 Manage Employee Information And Analytics.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk
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		Management. Legal processes including but not limited to Legal Execution, Legal Governance. Le is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of busine (LOB) and corporate staff areas.
Names	Compensation and Benefits	 Compensation processes including, but not limited to annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annu Salary increases, Provide oversight, processes for th management of employee benefits including benefit plan design, benefit vendor management, depender verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your
	Employee (KYE) Disciplinary Process,

	Employ	yee (KYE) Disciplinary Process	5,
	Mainta	ain Severance Tools and Docu	mentation, Provide
	ER		
		ement/approval, Provide yee challenge, Review	guidance to any
	Redund	dancy Proposal, Suspicious A	ctivity Reporting
	(SAR) (Oversight.	
	Manag	ement and reporting of diver	rsity initiatives
	includi	ng but not limited to produci	ng required
	(regula	atory) reporting.	

Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations
	and Retirements, Talent Management and Succession Planning.
	Manage Employee Information And

- Analytics.

N	ion HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		 Facilities Management processes including but not limited to Physical Security, Manage Data Centres, Moves and Changes, Strategic Planning
		Process to manage employee initiated expenses.
		 Technology processes including but not limited to Access Management, Application Development, Architecture Management, Capacity Management, Change Management, Data Integrity Management, Deliver/Support Information Technology Services, Demand Management, Event Management, IT Governance Framework, IT Operations Management, IT Service Continuity Management, Incident Management, Information Security

		Information Technology, Project Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology Problem Management, User Tools Management
		 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaken (and passed, if appropriate) the required training
National Identifiers	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.

	Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Emp Onbe	Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing

	employee retirement, disengagement and redeployment.
Other HR	 HR call center for tier 1 JPMC employee questions and concerns. Manage Employee Information And Analytics.

	A firmwide compliance management system for
Non HR Processes	 A minimute compliance management system for identifying, assessing, controlling, measuring,
	monitoring and reporting compliance risks across the
	firm, including but not limited to: Code of Conduct
	Management, Compliance Control,
	Compliance Monitoring, Compliance
	Regulatory Reporting, Control Room, Core
	Practices, Employee Compliance, GFCC
	Controls, Global Financial Crimes, Global
	Privacy, Market Conduct, Records
	Management and Retention, Regulatory, Sanctions. All
	processes related to the management of risk including
	but not
	limited to, Policies, Operational Risk, Market
	Risk, IT Risk, Fraud, Reputational Risk,
	Auditing, Common Risk Management
	Processes, IT Risk Management, Operational
	Risk Management, Regulatory Risk
	Management. Legal processes including but
	not limited to Legal Execution, Legal Governance. Legal
	is responsible for providing legal services to the
	Corporation and is organized by practice groups that
	generally align with the Corporation's lines of business
	(LOB) and corporate staff areas.
	Technology processes including but not limited to
	 Technology processes including but not limited to Access Management, Application
	Development, Architecture Management,
	Capacity Management, Change
	Management, Data Integrity Management,
	Deliver/Support Information Technology Services, Demand Management, Event
	Management, IT Governance Framework, IT
	Operations Management, IT Service
	Continuity Management, Incident
	Management, Information Security
	Management, Manage The Business Of
	Information Technology, Project
	Management, Release and Deployment
	ivianagement, Release and Deployment

		Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology Problem Management, User Tools Management
Performance Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
	Employee Record	Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
		 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.

Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.

Non	HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management
		Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaking the required training- The people that have undertaken (and passed, if appropriate) the required training.

Personal Contact Details	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees. Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations
		for JPMC employees.

	Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.

Employee Relations	 Employee Relations processes including I to Complaints Handling, Determining Employee Notice/Consultati Period, Investigate and Respond to Employee Appeal/Concern, Investigate and employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Document ER endorsement/approval, Provide guidate employee challenge, Review Redundancy Proposal, Suspicious Activity (SAR) Oversight. 	on nd address ation, Provide Ince to any
Expatriate Administration	 Global employee assignments and reloca processing including, but not limited to, I Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, I International Relocation, Pay Expat Tax, Visa & Immigration. 	Delivering Manage
Learning, Development and Training	 Develop And Counsel Employees, includin limited to Complete Licensing Requiremend designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performan 	nts Review,
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Processes including but not limited to processes that provide recruitr firm, processes for the management for e contractor 	nent for the

	recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns.

	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.
Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that

generally align with the Corporation's lines of business
(LOB) and corporate staff areas.
Facilities Management processes including but notlimited to Physical Security, Manage

		Data Centres, Moves and Changes, Strategic Planning
Personal Dates	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.

	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review

	Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.

Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Other HR	 HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
	 Manage Employee Information And Analytics.
Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control,

		Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Photographic Images	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
		 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.

Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll,
	Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		 Facilities Management processes including but not limited to Physical Security, Manage Data Centres, Moves and Changes, Strategic Planning
Political Views	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence

	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Regulatory Designations	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
		 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as

	leavers in the payroll and pay is adjusted accordingly.

Employee Relations	 Employee Relations processes including but not limite to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to a employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeploymer Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitmer processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPN employees. HR generalist function that interfaces with the busine directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight Counsel

	Non HR Processes	 Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning. A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Religion	Compensation and Benefits	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change

		Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Sexual Orientation	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
		 Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.

Other HR	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations

		 and Retirements, Talent Management and Succession Planning. Manage Employee Information And Analytics.
Staff ID or Barcode	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
		 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.

	 Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly.
Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER

	 endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight. Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
Expatriate Administration	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.

E	ecruitment, mployee Onboarding, and edeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
C	other HR	 Governance of HR regulatory obligations for JPMC employees. HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
		Manage Employee Information And Analytics.

identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. Al processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Lega is responsible for providing legal services to the Corporation and is organized by practice groups that	Non HR Processes	A firmwide compliance management system for
 monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. Al processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Regulatory Risk Management. Legal process on the Corporation and is organized by practice groups that generally align with the Corporation's lines of business: (LOB) and corporate staff areas. Facilities Management processes including but not limited to Physical Security, Manage Data Centres, 		
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 Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. Al processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Lega is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas. Facilities Management processes including but not limited to Physical Security, Manage Data Centres, 		
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 Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Lega is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas. Facilities Management processes including but not limited to Physical Security, Manage Data Centres, 		
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limited to Physical Security, Manage Data Centres,		Facilities Management success including but not
Moves and Changes, Strategic Planning		
		woves and Changes, Strategic Planning
Process to manage employee initiated expenses.		 Process to manage employee initiated expenses.

 Technology processes including but not limited to
Access Management, Application
Development, Architecture Management,
Capacity Management, Change
Management, Data Integrity Management,
Deliver/Support Information Technology
Services, Demand Management, Event
Management, IT Governance Framework, IT
Operations Management, IT Service
Continuity Management, Incident
Management, Information Security
Management, Manage The Business Of
Information Technology, Project

Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology Problem Management, User Tools Management

 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaken (and passed, if appropriate) the required training

Technology Identifiers	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.

Non HR Processes	 Technology processes including but not limited to Access Management, Application Development, Architecture Management, Capacity Management, Change Management, Data Integrity Management, Deliver/Support Information Technology Services, Demand Management, Event Management, IT Governance Framework, IT Operations Management, IT Service Continuity Management, Incident Management, Information Security Management, Manage The Business Of Information Technology, Project Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology Problem Management, User Tools Management

Union Status	Compensation and Benefits	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations
		 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaking the required training- The people that have undertaker (and passed, if appropriate) the required training

	Processes for implementing tax regulations and producing employee tax statements.
Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.

	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
Vehicle Registrations	Compensation and Benefits	 Payroll Processes, including but not limited to Payroll, Payroll Accounting, Payroll Tax Accounting, Overseeing and producing payment information for employees of JPMC. Overseeing the financial aspect of payroll processing for a corporate standard of reconciliations for JPMC employees. Processes for implementing tax regulations and producing employee tax statements.
	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.

	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Video Recordings	Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
	Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.

Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance
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		Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		 Facilities Management processes including but not limited to Physical Security, Manage Data Centres, Moves and Changes, Strategic Planning
Voice Recordings	Employee Record	Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.

Employee Relations	 Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor

	Human Resource Capacity, Promote Employees, Review Employee Performance.
Other HR	 HR call center for tier 1 JPMC employee questions and concerns. HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.

	Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
Development related testing	Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor

		Human Resource Capacity, Promote Employees, Review Employee Performance.
Talent Details	Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.

	Other HR	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning.
Languages	Employee Record	Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence.
	Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployment Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitment, processes for managing employee retirement, disengagement and redeployment.
	Other HR	Manage Employee Information And Analytics.
Workforce Activity	Compensation and Benefits	 Compensation processes including, but not limited to, annual IC Compensation, coordinate Hires and Terminations, Manage Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan Annual Salary increases, Provide oversight, processes for the management of employee benefits including benefit plan design, benefit vendor management, dependent verification etc., Oversee and

	administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
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Employee Record	 Data Management including but not limited to Administer Employee Surveys, Change Employee Data Monitor Employee Consecutive Absence.
Employee Relations	 Employee Relations processes including but not limit to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provid ER endorsement/approval, Provide guidance to a employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight.
Learning, Development and Training	 Develop And Counsel Employees, including but not limited to Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance.
Recruitment, Employee Onboarding, and Redeployment	 Recruitment, Employee Onboarding and Redeployme Processes including but not limited to processes that provide recruitment for the firm, processes for the management for employee and contractor recruitme processes for managing employee retirement, disengagement and redeployment.
Other HR	 Governance of HR regulatory obligations for JPI employees. HR generalist function that interfaces with the busine directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversigh Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management

	 Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning. Manage Employee Information And Analytics.
Non HR Processes	 A firmwide compliance management system for identifying, assessing, controlling, measuring, monitoring and reporting compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control, Compliance Monitoring, Compliance Regulatory Reporting, Control Room, Core Practices, Employee Compliance, GFCC Controls, Global Financial Crimes, Global Privacy, Market Conduct, Records Management and Retention, Regulatory, Sanctions. All processes related to the management of risk including but not limited to, Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational Risk, Auditing, Common Risk Management Processes, IT Risk Management, Operational Risk Management, Regulatory Risk Management. Legal processes including but not limited to Legal Execution, Legal Governance. Legal is responsible for providing legal services to the Corporation and is organized by practice groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
	 Facilities Management processes including but not limited to Physical Security, Manage Data Centres, Moves and Changes, Strategic Planning
	 Process to manage employee initiated expenses.

 Technology processes including but not limited to Access Management, Application Development, Architecture Management, Capacity Management, Change Management, Data Integrity Management, Deliver/Support Information Technology Services, Demand Management, Event Management, IT Governance Framework, IT Operations Management, IT Service Continuity Management, Incident
Management, Information Security Management, Manage The Business Of Information Technology, Project Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, Technology Development, Technology Problem Management, User Tools Management
 Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaking the required training- The people that have undertaken (and passed, if appropriate) the required training

Business Processes

Compensation	and	Compensation,	Compensation processes including, but not limited to, annual IC
Benefits		Benefits and	Compensation, coordinate Hires and Terminations, Manage
		Pension	Annual IC, Manage Deferred Compensation, Decide Compensation, Validate Annual IC, Plan
			Annual Salary increases, Provide oversight, processes for the
			management of employee benefits including benefit plan design
			benefit vendor management, dependent verification etc.,
			Oversee and administer all the Required pension plan programs, Administers and manages disability claims for JPMC employees.
			Personal data used for Compensation, Benefits and Pension Notice:
			• Age
			Bank Account Details
			Workforce Activity
			Staff ID or Barcode
			Regulatory Designations
			Personal Dates
			Personal Contact Details
			Performance Details
			National Identifiers
			Names
			Medical
			Marital Status
			Leave of Absence Details
			Home Addresses
			• Gender
			Family Details
			Employment History
			Disability Details
			Tax Details Building Location
			Building Edeation
			cruzenship/ wationality
			Compensation Details

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Religion

Employee Record	Data Management	Data Management including but not limited to Administer Employee Surveys, Change Employee Data, Monitor Employee Consecutive Absence. Personal data used for Data Management Notice:
		AgeWorkforce ActivityVoice Recordings
		 Vehicle Registrations Technology Identifiers Sexual Orientation Regulatory Designations
		 Photographic Images Personal Contact Details Building Location Criminal Records
		 Compensation Details Disability Details Electronic Communications Ethnicity
		 Ethnicity Gender Investment Account Details Licenses/Certifications

• Medical
• Names
Performance Details
Bank Account Details
• Languages
Video Recordings
Union Status
Staff ID or Barcode
• Religion
Political Views
Personal Dates
Visa/Work Permit/Biometrics Details
Citizenship/Nationality
• Date & time on turnstile / door operation in JPMC facilities
Tax Details
Education History
Employment History
Family Details
Home Addresses
Leave of Absence Details
Marital Status
Military Service Details
National Identifiers

Employee Offboarding	Employee Offboarding processes including, but not limited to, ensuring employees who have left the firm are accurately reflected as leavers in the payroll and pay is adjusted accordingly. Personal data used for Employee Offboarding Notice: • Disability Details • Staff ID or Barcode • Citizenship/Nationality • Building Location • Visa/Work Permit/Biometrics Details • Age • Regulatory Designations • Personal Dates • Personal Contact Details • Names • Leave of Absence Details • Home Addresses • Gender
	Employment History
	Education History

	•	Compensation Details

Employee Relations	Employee Relations	Employee Relations processes including but not limited to Complaints Handling, Determining Employee Notice/Consultation Period, Investigate and Respond to Employee Appeal/Concern, Investigate and address employee misconduct, Know Your Employee (KYE) Disciplinary Process, Maintain Severance Tools and Documentation, Provide ER endorsement/approval, Provide guidance to any employee challenge, Review Redundancy Proposal, Suspicious Activity Reporting (SAR) Oversight. Personal data used for Employee Relations Notice: Disability Details Electronic Communications Ethnicity Gender Investment Account Details Licenses/Certifications Medical National Identifiers Personal Contact Details Photographic Images Regulatory Designations Sexual Orientation Sexual Orientation Voice Recordings Age Building Location Criminal Records Compensation Details Education History Employment History Employment History Family Details Home Addresses Leave of Absence Details Marital Status Names Performance Details Personal Dates Political Views Religion Staff ID or Barcode
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	 Union Status Video Recordings Workforce Activity Visa/Work Permit/Biometrics Details Citizenship/Nationality Date & time on turnstile / door operation in JPMC facilities
Diversity	Management and reporting of diversity initiatives including but not limited to producing required (regulatory) reporting.
	Personal data used for Diversity Notice:
	AgeCitizenship/Nationality
	Ethnicity
	Staff ID or BarcodeNames
	Photographic Images
	Leave of Absence DetailsBuilding Location
	Disability Details
	• Gender
	Military Service Details
	Performance DetailsSexual Orientation

Expatriate Administration	Employee Relocation Management	 Global employee assignments and relocations processing including, but not limited to, Delivering Monthly Expat Payroll, Expat Benefits, Expatriate Reporting, Manage Domestic Relocation, Manage International Relocation, Pay Expat Tax, Process Visa & Immigration. Personal data used for Employee Relocation Management Notice: 	
		 Age Visa/Work Permit/Biometrics Details Citizenship/Nationality Tax Details Employment History Gender Leave of Absence Details Names Personal Contact Details 	

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	Photographic Images
	Bank Account Details
	Staff ID or Barcode
	Building Location
	Compensation Details
	Education History
	Family Details
	Home Addresses
	Marital Status
	National Identifiers
	Personal Dates
	Regulatory Designations

Development Training	Counsel Employees	Complete Licensing Requirements Review, designate Associated Person Status, Develop Staff, Monitor Human Resource Capacity, Promote Employees, Review Employee Performance. Personal data used for Develop And Counsel Employees Notice: Age Visa/Work Permit/Biometrics Details Building Location Citizenship/Nationality Compensation Details Disability Details Education History Engloyment History Ethnicity Family Details Gender Home Addresses Leave of Absence Details Licenses/Certifications Military Service Details Names National Identifiers Personal Contact Details Personal Dates
		Edimercy
		Leave of Absence Details
		Licenses/Certifications
		Military Service Details
		Names
		National Identifiers
		Performance Details
		Personal Contact Details
		Personal Dates
		Photographic Images
		Regulatory Designations
		Staff ID or Barcode Video Recordings
		video necoranigo
		Development related testing

Talent Details	
Workforce Activity	

Recruitment,	Recruitment,	Recruitment, Employee Onboarding and
Employee Onboarding,	and Employee	Redeployment Processes including but not limited to processes
Redeployment	Onboarding,	that provide recruitment for the firm, processes for the
	Redeployment	management for employee and contractor recruitment, processes
		for managing employee retirement, disengagement and
		redeployment.
		Personal data used for Recruitment, Employee Onboarding, Redeployment Notice:
		• Age
		Workforce Activity
		Building Location
		Citizenship/Nationality
		Criminal Records
		Compensation Details
		Disability Details
		Education History
		Employment History
		Ethnicity
		Family Details
		• Gender
		Home Addresses
		Licenses/Certifications
		Marital Status
		Medical
		Military Service Details
		Names
		National Identifiers
		Performance Details
		Personal Contact Details
		Personal Dates
		Photographic Images
		Regulatory Designations
		Staff ID or Barcode
		Union Status
		Languages
		 Visa/Work Permit/Biometrics Details
		Visa/ work remit/ biometrics Details
Other HR	Access HR Customer Service	HR call center for tier 1 JPMC employee questions and concerns.

Personal data used for Access HR Customer Service Notice:
 Marital Status Voice Recordings Home Addresses Gender Employment History Compensation Details Citizenship/Nationality Building Location Bank Account Details Age Names National Identifiers Personal Contact Details Personal Dates Staff ID or Barcode Leave of Absence Details

HR Business Partners	 HR generalist function that interfaces with the business directly on people strategies and other HR initiatives including, but not limited to, Compensation Oversight, Counsel Employees, Executive Hiring, New Hire Offer Approvals, Performance Management Oversight, Reduction in Force, Resignations and Retirements, Talent Management and Succession Planning. Personal data used for HR Business Partners Notice:
	 Gender Ethnicity Electronic Communications Compensation Details Building Location Home Addresses Talent Details Staff ID or Barcode Regulatory Designations Personal Contact Details Names Marital Status Licenses/Certifications Family Details Employment History Disability Details

Citizenship/Nationality
• Age
Workforce Activity
Voice Recordings
Sexual Orientation
Personal Dates
Performance Details
• Medical
Leave of Absence Details

HR Regulatory	Governance of HR regulatory obligations for JPMC employees.
Management	Personal data used for HR Regulatory Management Notice:
	 Personal Contact Details Names Leave of Absence Details Workforce Activity Citizenship/Nationality Staff ID or Barcode Employment History Performance Details Licenses/Certifications Home Addresses Criminal Records Building Location Regulatory Designations
Manage Employee Information And Analytics	Manage Employee Information And Analytics. Personal data used for Manage Employee Information And Analytics Notice: Family Details Home Addresses Marital Status Names Performance Details Personal Dates Staff ID or Barcode Workforce Activity Bank Account Details Education History Ethnicity

	 Gender Leave of Absence Details Military Service Details National Identifiers Personal Contact Details Sexual Orientation Languages Age Visa/Work Permit/Biometrics Details Citizenship/Nationality Disability Details Employment History
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Non HR Processes	Compliance	A firmwide compliance management system for identifying,
	Processes,	assessing, controlling, measuring, monitoring and reporting
	Investigations, Risk	compliance risks across the firm, including but not limited to: Code of Conduct Management, Compliance Control,
	Management, Legal	Compliance Monitoring, Compliance Regulatory
		Reporting, Control Room, Core Practices, Employee
		Compliance, GFCC Controls, Global Financial Crimes,
		Global Privacy, Market Conduct, Records
		Management and Retention, Regulatory, Sanctions. All processes
		related to the management of risk including but not limited to,
		Policies, Operational Risk, Market Risk, IT Risk, Fraud, Reputational
		Risk, Auditing, Common Risk Management Processes, IT
		Risk Management, Operational Risk Management, Regulatory Risk
		Management. Legal processes including but not limited to Legal
		Execution, Legal Governance. Legal is responsible for providing
		legal services to the Corporation and is organized by practice
		groups that generally align with the Corporation's lines of business (LOB) and corporate staff areas.
		(LOB) and corporate stall areas.
		Personal data used for Compliance Processes, Investigations, Risk Management, Legal Notice:
		Management, Legal Notice.
		• Age
		Bank Account Details
		Workforce Activity
		Voice Recordings
		Video Recordings
		Staff ID or Barcode
		regulatory besignations
		Photographic Images

	Personal Dates

	Personal Contact Details
	Performance Details
	National Identifiers
	Names
	Military Service Details
	Marital Status
	Licenses/Certifications
	Leave of Absence Details
	Investment Account Details
	Home Addresses
	• Gender
	Family Details
	Employment History
	Electronic Communications
	Education History
	Compensation Details
	Date & time on turnstile / door operation in JPMC facilities
	Criminal Records
	Citizenship/Nationality
	Building Location
	Visa/Work Permit/Biometrics Details
Expenses	Process to manage employee initiated expenses.
Management	Personal data used for Expenses Management Notice:
	Bank Account Details
	Building Location
	Names
	Staff ID or Barcode
	Workforce Activity

Facilities Manage	
	 Date & time on turnstile / door operation in JPMC facilities Licenses/Certifications Personal Contact Details Staff ID or Barcode

Technology	 Technology processes including but not limited to Access Management, Application Development, Architecture Management, Capacity Management, Deliver/Support Information Technology Services, Demand Management, Event Management, IT Governance Framework, IT Operations Management, IT Service Continuity Management, Incident Management, Information Security Management, Manage The Business Of Information Technology, Project Management, Release and Deployment Management, Request Fulfilment, Risk Management, Service Asset and Configuration Management, Service Level Management, Service Validation and Testing, Strategy Management, Supplier Management, Tech Portfolio Management, User Tools Management Personal data used for Technology Notice: Electronic Communications Technology Identifiers National Identifiers Building Location Workforce Activity Staff ID or Barcode Names
Training Management	Training Management processes including but not limited to Training Governance, Training Provision, the monitoring and certification of programs, curriculum and capability in respect of training Required to be undertaken for regulatory or other compliance reasons. Monitoring and recording:- Training required to be undertaken for regulatory or other compliance reasons- The people required to undertake the required training- The making available of courses of required training- The notification to the people that are designated as being accountable for undertaking the required

training- The people that have undertaken (and passed, if appropriate) the required training
Personal data used for Training Management Notice:
Electronic Communications
Workforce Activity
Performance Details
Technology Identifiers
Building Location
Staff ID or Barcode
Names