JACOBS LEVY EQUITY MANAGEMENT, INC. PROXY VOTING POLICIES AND PROCEDURES

As of March 29, 2022

I. Policy

Proxy voting is an important right of shareholders and reasonable care and diligence must be undertaken to ensure that such rights are properly and timely exercised. When Jacobs Levy has discretion to vote the proxies of its clients, proxies will be voted in the best interests of its clients in accordance with these policies and procedures.

II. Proxy Voting Procedures

Proxies are obtained through ProxyExchange, a third-party application from Institutional Shareholder Services ("ISS") used for proxy notification, research and voting. The Chief Compliance Officer is responsible for ensuring proxies are voted in accordance with the Jacobs Levy guidelines. Under the Chief Compliance Officer's direction, the following procedures are performed:

- (a) Jacobs Levy voting policies along with any custom client voting policies are loaded into ProxyExchange.
- (b) ISS compares positions between Jacobs Levy and the custodian and any differences are investigated and resolved.
- (c) Ballots are populated automatically by ProxyExchange based on the voting policies previously loaded.
- (d) Votes are submitted electronically through ProxyExchange, subject to review by the Controller for compliance with the applicable voting policy. The Controller will consult with the Chief Compliance Officer, Chief Financial Officer, and/or the Principals, if necessary.

The Chief Financial Officer and the Chief Compliance Officer shall monitor ISS to assure that all proxies are being properly voted and appropriate records are being retained.

III. Voting Guidelines

Jacobs Levy will vote proxies in the best interests of its clients. Jacobs Levy believes that voting proxies in accordance with the following guidelines is in the best interests of its clients. Alternatively, clients can provide specific voting guidelines, which would be implemented for their account.

ISS assigns a proxy issue code to all proxy voting proposals and also issues a voting recommendation. A cumulative listing of ISS proxy issue codes is maintained by Portfolio

Administration. Unless a client has provided specific voting guidelines, Jacobs Levy will vote proxies in accordance with ISS's recommendations, except as provided in (a) - (c) below, and as otherwise described herein:

- (a) There are specific proxy issues that Jacobs Levy has identified with respect to which it will vote with management and others with respect to which it will vote against management because Jacobs Levy believes the intent is to entrench management or dilute the value or safety of shares to shareholders. A comprehensive listing of these issues is included as Exhibit A.
- (b) In certain circumstances, a proxy may include "hidden" additional issues for which Jacobs Levy's position, as noted above, may differ from the overall ISS recommendation. In these instances, Jacobs Levy will not vote with the ISS recommendation.
- (c) Any issue with a new ISS proxy issue code will be forwarded to one of the Principals, the Chief Financial Officer, or the Chief Compliance Officer for review and determination of how the proxy should be voted.

IV. Periodic Review of ISS

Jacobs Levy will review ISS as part of its annual review of critical vendors and service providers (or more frequently if deemed necessary by the Chief Compliance Officer). Such review may include such factors as:

- (a) ISS's proxy voting policies, procedures and methodologies (and its use of third party sources).
- (b) The adequacy and quality of ISS's staffing, personnel and technology.
- (c) ISS's actual and potential conflicts of interest and methods of disclosing and mitigating such conflicts of interest.
- (d) Quality of service provided since the prior review; including whether any relevant credible potential factual errors, incompleteness or methodological weaknesses in ISS's analysis (of which Jacobs Levy is aware) materially affected the research and recommendations used by Jacobs Levy.
- (e) The effectiveness of ISS's policies and procedures for obtaining current and accurate information relevant to matters included in its research and on which it makes voting recommendations. This will include ISS's:
 - engagement with issuers, including ISS's process for ensuring that it has complete and accurate information about the issuer and each particular matter;
 - process, if any, for Jacobs Levy to access the issuer's views about ISS's voting recommendations in a timely and efficient manner;
 - efforts to correct any identified material deficiencies in its analysis;

- disclosure to Jacobs Levy regarding sources of information and methodologies used in formulating voting recommendations or executing voting instructions;
- consideration of factors unique to a specific issuer or proposal when evaluating a matter subject to a shareholder vote;
- review and consideration of additional soliciting material, and the timeliness of inclusion of the results in final voting recommendations; and
- updates to its methodologies, guidelines and voting recommendations on an ongoing basis, including in response to feedback from issuers and their shareholders.
- (f) Updates to ISS's business that are material to the services provided.

V. Conflicts of Interest

- (a) The Chief Compliance Officer will identify any conflicts that exist between the interests of Jacobs Levy and its clients. This examination will include a review of the relationship of Jacobs Levy with the issuer of each security to determine if the issuer is a client of Jacobs Levy or has some other material relationship with Jacobs Levy or, to its knowledge, a client of Jacobs Levy.
- (b) If a material conflict exists, Jacobs Levy will determine whether voting in accordance with the voting guidelines and factors described above is in the best interests of the clients or whether some alternative action is appropriate, including, without limitation, following the ISS recommendation.

VI. Disclosure

- Jacobs Levy will disclose in its Form ADV Part 2A that clients may contact the Chief (a) Compliance Officer. Jason Hoberman, via email telephone or jason.hoberman@jlem.com or (973) 410-9222 in order to obtain information on how Jacobs Levy voted such client's proxies and/or to request a copy of these policies and procedures. If a client requests this information, the Chief Compliance Officer will prepare a written response to the client that lists, with respect to each voted proxy that the client has inquired about, (1) the name of the issuer; (2) the proposal voted upon; and (3) how Jacobs Levy voted the client's proxy.
- (b) A concise summary of these Proxy Voting Policies and Procedures will be included in Jacobs Levy's Form ADV Part 2A, and will be updated whenever these policies and procedures are updated. Jacobs Levy's Form ADV Part 2A will be offered to existing clients annually.

VII. Recordkeeping

The Portfolio Administration Group or Chief Compliance Officer will maintain files relating to Jacobs Levy's proxy voting procedures. Records will be maintained and preserved for at least five years from the end of the fiscal year during which the last entry was made on a record,

with certain required records for at least the most recent two years kept in the offices of Jacobs Levy. Records of the following will be included in the files:

- (a) Copies of these proxy voting policies and procedures, and any amendments thereto.
- (b) An electronic copy of each proxy statement that Jacobs Levy receives. In addition, Jacobs Levy may obtain a copy of proxy statements from ISS.
- (c) An electronic record of each vote that Jacobs Levy casts. In addition, voting records may be obtained from ISS.
- (d) A copy of any document Jacobs Levy created that was material to making a decision on how to vote proxies, or that memorializes that decision.
- (e) A copy of each written client request for information on how Jacobs Levy voted such client's proxies, and a copy of any written response to any (written or oral) client request for information on how Jacobs Levy voted its proxies.

VIII. Additional Procedures

- (a) Annual Review. The Chief Compliance Officer will review, no less frequently than annually, the adequacy of these policies and procedures to make sure they have been implemented effectively, including whether the policies and procedures continue to be reasonably designed to ensure that proxies are voted in the best interests of its clients. The Chief Compliance Officer will also review client disclosures regarding its proxy voting policies and procedures.
- (b) <u>Due Diligence.</u> The Chief Compliance Officer or his designee will periodically review a sample of proxy votes to determine whether those votes complied with these policies and procedures and were voted as the Adviser intended.
- (c) <u>Sampling Pre-Populated Votes.</u> The Chief Compliance Officer or his designee will periodically assess pre-populated votes shown on ISS's electronic voting platform before such votes are cast.
- (d) <u>Material Inaccuracies.</u> If Jacobs Levy becomes aware of any material inaccuracies in the information provided by ISS, the Chief Compliance Officer or his designee will investigate the matter to determine the cause, evaluate the adequacy of ISS's control structure and assess the efficacy of the measures instituted to prevent further errors, and to see whether Jacobs Levy's voting determinations were based on incomplete or materially inaccurate information.

EXHIBIT A

MANAGEMENT PROPOSALS - ROUTINE/BUSINESS

Issue		
Code	Description	Vote
M0101	Ratify Auditors	For
M0106	Amend Articles/Bylaws/Charter Routine	For
M0111	Change Company Name	For
M0117	Designate Inspector or Shareholder Rep. of Minutes of Meetings	For
M0124	Approve Stock Dividend Program	For
M0125	Other Business	Against
M0129	Approve Minutes of Meeting	For
M0136	Approve Auditors and Authorize Board to Fix Remuneration of Auditors	For
M0150	Receive Financial Statements and Statutory Reports	For
M0193	In the Event of a Second Call, the Voting Instructions Contained in	For
	this Proxy Card may also be Considered for the Second Call	
M0195	Approve Procurement of Legal Services	For
M0811	Allow Shareholder Meetings to be Held in Virtual-Only Format	For
	MANAGEMENT PROPOSALS – DIRECTOR RELATED	
Issue		
Code	Description	Vote
M0205	Establish Range for Board Size	Against
M0206	Classify the Board of Directors	Against
M0207	Eliminate Cumulative Voting	For
M0207	Declassify the Board of Directors	For
M0239	Adopt Cumulative Voting for the Election of the Members of the	Against
1410237	Board of Directors at this Meeting	7 igamst
M0242	Appoint Firm to Evaluate Performance of Directors and Fix the	For
1410242	Firm's Fees	1 01
M0702	Appoint Corporate Governance Compliance Auditors	For
1410 / 02	Appoint corporate Governance compilative Additions	1 01
	MANAGEMENT PROPOSALS – CAPITALIZATION	
Issue		T 7 4
Code	Description	Vote
M0304	Increase Authorized Common Stock	For
M0307	Approve Stock Split	For
M0308	Approve Reverse Stock Split	For
M0314	Eliminate Preemptive Rights	For
M0316	Amend Votes Per Share of Existing Stock	Against
M0320	Eliminate Class of Preferred Stock	For
M0339	Reduce Authorized Common and/or Preferred Stock	For
M0374	Approve Reduction in Share Capital	For
M0393	Authorize Issuance of Preferred Stock with Preemptive Rights	Against
-		<i>6</i>

MANAGEMENT PROPOSALS - COMPENSATION

Issue		
Code	Description	Vote
M0536	Approve/Re-Approve Performance Metrics for Qualification under the Provisions of Section 162(m)	For
M0539	Approve/Amend Non-Employee Director Deferred Share Unit Plan	For
M0576	Authorize Management Board Not to Disclose Individualized Remuneration of its Members	Against
	MANAGEMENT PROPOSALS – COMPANY ARTICLES	
Issue		***
Code	Description	Vote
M0846	Amend Certificate of Incorporation to Add Federal Forum Selection Provision	For
	MANAGEMENT PROPOSALS – NON-SALARY COMP.	
Issue		* 7.
Code	Description	Vote
M0510	Approve Employee Stock Purchase Plan	For
M0512	Amend Employee Stock Purchase Plan	For
M0537	Approve/Amend Supplemental Retirement Plan	For
	MANAGEMENT PROPOSALS – ANTI-TAKEOVER RELATED	
Issue		
Code	Description	Vote
M0604	Provide Directors May Only be Removed For Cause	Against
M0605	Adopt or Increase Supermajority Vote Requirement for	Against
1410002	Amendments	Agamst
M0606	Adopt or Increase Supermajority Vote Requirement for Mergers	Against
M0607	Adopt or Increase Supermajority Vote Requirement for Removal of Directors	Against
M0608	Reduce Supermajority Vote Requirement	For
M0618	Eliminate/Restrict Right to Call Special Meeting	Against
M0627	Permit Board to Amend Bylaws Without Shareholder Consent	Against
M0653	Authorize Board to Issue Shares in the Event of a Public Tender Offer or Share Exchange Offer	Against

SHAREHOLDER PROPOSALS - ROUTINE/BUSINESS

Issue Code	Description	Vote
S0102 S0124	Change Date/Time of Annual Meeting Amend Ordinary Business Items	Against Against
	SHAREHOLDER PROPOSALS - DIRECTOR RELATED	
Issue Code	Description	Vote
S0201 S0207 S0209 S0211	Declassify the Board of Directors Restore or Provide for Cumulative Voting Establish Director Stock Ownership Requirement Establish Mandatory Retirement Age for Directors	For Against Against Against
	SHAREHOLDER PROPOSALS - CORP GOVERNANCE	
Issue Code	Description	Vote
S0311	Reduce Supermajority Vote Requirement	For
	SHAREHOLDER PROPOSALS - COMPENSATION	
Issue Code	Description	Vote
S0512 S0513 S0519 S0520	Performance-Based/Index Option Put Repricing of Stock Options to Shareholder Vote Establish SERP Policy Pay-For-Superior-Performance	Against For Against Against



Invesco's Policy Statement on Global Corporate Governance and Proxy Voting

Effective January 2022

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I. Introduction

Invesco Ltd. and its affiliated investment advisers (collectively, "Invesco", the "Company", "our" or "we") has adopted and implemented this Policy Statement on Global Corporate Governance and Proxy Voting ("Policy") which it believes describes policies and procedures reasonably designed to ensure that proxies are voted in the best interests of its clients. This Policy is intended to help Invesco's clients understand our commitment to responsible investing and proxy voting, as well as the good governance principles that inform our approach to engagement and voting at shareholder meetings.

A. Our Commitment to Environmental, Social and Governance Investment Stewardship and Proxy Voting

Our commitment to environmental, social and governance (ESG) principles is a core element of our ambition to be the most client centric asset manager. We aspire to incorporate ESG considerations into all of our investment capabilities in the context of financial materiality and in the best interest of our clients. In our role as stewards of our clients' investments, we regard our stewardship activities, including engagement and the exercise of proxy voting rights as an essential component of our fiduciary duty to maximize long-term shareholder value. Our Global ESG team functions as a center of excellence, providing specialist insights on research, engagement, voting, integration, tools, and client and product solutions with investment teams implementing ESG approaches appropriate to asset class and investment style. Much of our work is rooted in fundamental research and frequent dialogue with companies during due diligence and monitoring of our investments.

Invesco views proxy voting as an integral part of its investment management responsibilities. The proxy voting process at Invesco focuses on protecting clients' rights and promoting governance structures and practices that reinforce the accountability of corporate management and boards of directors to shareholders. The voting decision lies with our portfolio managers and analysts with input and support from our Global ESG team and Proxy Operations functions. Our proprietary proxy voting platform ("PROXYintel") facilitates implementation of voting decisions and rationales across global investment teams. Our good governance principles, governance structure and processes are designed to ensure that proxy votes are cast in accordance with clients' best interests.

As a large active investor, Invesco is well placed to use our ESG expertise and beliefs to engage directly with portfolio companies or by collaborative means in ways which drive corporate change that we believe will enhance shareholder value. We take our responsibility as active owners very seriously and see engagement as an opportunity to encourage continual improvement and ensure that our clients' interests are represented and protected. Dialogue with portfolio companies is a core part of the investment process. Invesco may engage with investee companies to discuss environmental, social and governance issues throughout the year or on specific ballot items to be voted on.

Our passive strategies and certain other client accounts managed in accordance with fixed income, money market and index strategies (including exchange traded funds) will typically vote in line with the majority holder of the active-equity shares held by Invesco outside of those strategies. Invesco refers to this approach as "Majority Voting". This process of Majority Voting ensures that our passive strategies benefit from the engagement and deep dialogue of our active investors, which Invesco believes benefits shareholders in passively-managed accounts. In the absence of overlap between the active and passive holders, the passive holders vote in line with our internally developed voting guidelines (as defined below). Portfolio managers and analysts for accounts employing Majority Voting retain full discretion to override Majority Voting and to vote the shares as they determine to be in the best interest of those accounts, absent certain types of conflicts of interest, which are discussed elsewhere in this Policy.

B. Applicability of Policy

Invesco may be granted by its clients the authority to vote the proxies of securities held in client portfolios. Invesco's investment teams vote proxies on behalf of Invesco-sponsored funds and both fund and non-fund advisory clients that have explicitly granted Invesco authority in writing to vote proxies on their behalf. In the case of institutional or sub-advised clients, Invesco will vote

the proxies in accordance with this Policy unless the client agreement specifies that the client retains the right to vote or has designated a named fiduciary to direct voting.

This Policy applies to all entities in Exhibit A. Due to regional or asset-class specific considerations, there may be certain entities that have local proxy voting guidelines or policies and procedures that differ from this Policy. In the event that local policies and the Global Policy differ, the local policy will apply. These entities are also listed in Exhibit A and include proxy voting guidelines specific to: Invesco Asset Management (Japan) Limited, Invesco Asset Management (India) Pvt. Ltd, Invesco Taiwan Ltd and Invesco Capital Markets, Inc. for Invesco Unit Investment Trusts. In Europe, we comply with the Shareholder Rights Directive and publish our disclosures and voting practices in this regard.

II. Global Proxy Voting Operational Procedures

Invesco's global proxy voting operational procedures are in place to implement the provisions of this Policy (the "Procedures"). At Invesco, proxy voting is conducted by our investment teams through PROXYintel. Our investment teams globally are supported by Invesco's centralized team of ESG professionals and proxy voting specialists. Invesco's Global ESG team oversees the proxy policy, operational procedures, inputs to analysis and research and leads the Global Invesco Proxy Advisory Committee ("Global IPAC"). Invesco's global proxy services team is responsible for operational implementation, including vote execution oversight.

Invesco aims to vote all proxies where we have been granted voting authority in accordance with this Policy as implemented by the Procedures. Our portfolio managers and analysts review voting items based on their individual merits and retain full discretion on vote execution conducted through our proprietary proxy voting platform. Invesco may supplement its internal research with information from independent third-parties, such as proxy advisory firms.

A. Proprietary Proxy Voting Platform

Invesco's proprietary proxy voting platform is supported by a dedicated team of internal proxy specialists. PROXYintel streamlines the proxy voting process by providing our investment teams globally with direct access to meeting information and proxies, external proxy research and ESG ratings, as well as related functions, such as management of conflicts of interest issues, significant votes, global reporting and record-keeping capabilities. Managing these processes internally, as opposed to relying on third parties, is designed to provide Invesco greater quality control, oversight and independence in the proxy administration process.

Historical proxy voting information is stored to build institutional knowledge across the Invesco complex with respect to individual companies and proxy issues. Certain investment teams also use PROXYintel to access third-party proxy research and ESG ratings.

Our proprietary systems facilitate internal control and oversight of the voting process. Invesco may choose to leverage this capability to automatically vote proxies based on its internally developed custom voting guidelines and in circumstances where Majority Voting applies.

B. Oversight of Voting Operations

Invesco's Proxy Governance and Voting Manager provides oversight of the proxy voting verification processes facilitated by a dedicated global proxy services team which include: (i) the monthly global vote audit review of votes cast containing documented rationales of conflicts of interest votes, market and operational limitations; (ii) the quarterly sampling of proxy votes cast to determine that (a) Invesco is voting consistently with this Policy and (b) third-party proxy advisory firms' methodologies in formulating the vote recommendation are consistent with their publicly disclosed guidelines; and (iii) quarterly review of rationales with the Global IPAC of occasions where a portfolio manager may take a position that may not be in accordance with Invesco's good governance principles and our internally developed voting guidelines.

To the extent material errors are identified in the proxy voting process, such errors are reviewed and reported to, as appropriate, the Global Head of ESG, Global Proxy Governance and Voting Manager, legal and compliance, the Global IPAC and relevant boards and clients, where applicable. Invesco's Global Head of ESG and Proxy Governance and Voting Manager provide proxy voting updates and reporting to the Global IPAC, various boards and clients. Invesco's

proxy voting administration and operations are subject to periodic review by Internal Audit and Compliance groups.

C. Disclosures and Record Keeping

Unless otherwise required by local or regional requirements, Invesco maintains voting records in either electronic format or hard copy for at least 6 years. Invesco makes available its proxy voting records publicly in compliance with regulatory requirements and industry best practices in the regions below:

- In accordance with the US Securities and Exchange Commission regulations, Invesco will file a record of all proxy voting activity for the prior 12 months ending June 30th for each U.S. registered fund. That filing is made on or before August 31st of each year. Each year, the proxy voting records are made available on Invesco's website here. Moreover, and to the extent applicable, the U.S. Employee Retirement Income Security Act of 1974, as amended ("ERISA"), including Department of Labor regulations and guidance thereunder, provide that the named fiduciary generally should be able to review not only the investment manager's voting procedure with respect to plan-owned stock, but also to review the actions taken in individual proxy voting situations. In the case of institutional and sub-advised Clients, Clients may contact their client service representative to request information about how Invesco voted proxies on their behalf. Absent specific contractual guidelines, such requests may be made on a semi-annual basis.
- In the UK and Europe, Invesco publicly discloses our proxy votes monthly in compliance with the UK Stewardship Code and for the European Shareholder Rights Directive annually here.
- In Canada, Invesco publicly discloses our annual proxy votes each year <u>here</u> by August 31st, covering the 12-month period ending June 30th in compliance with the National Instrument 81-106 Investment Fund Continuous Disclosure.
- In Japan, Invesco publicly discloses our proxy votes annually in compliance with the Japan Stewardship Code.
- In India, Invesco publicly discloses our proxy votes quarterly in compliance with The Securities and Exchange Board of India ("SEBI") Circular on stewardship code for all mutual funds and all categories of Alternative Investment Funds in relation to their investment in listed equities. SEBI has implemented principles on voting for Mutual Funds through circulars dated March 15, 2010 and March 24, 2014, which prescribed detailed mandatory requirements for Mutual Funds in India to disclose their voting policies and actual voting by Mutual Funds on different resolutions of investee companies.
- In Hong Kong, Invesco Hong Kong Limited will provide proxy voting records upon request in compliance with the Securities and Futures Commission ("SFC") Principles of Responsible Ownership.
- In Taiwan, Invesco publicly discloses our proxy voting policy and proxy votes annually in compliance with Taiwan's Stewardship Principles for Institutional Investors.
- In Australia, Invesco publicly discloses a summary of its proxy voting record annually here.

D. Global Invesco Proxy Advisory Committee

Guided by its philosophy that investment teams should manage proxy voting, Invesco has created the Global IPAC. The Global IPAC is an investments-driven committee comprised of representatives from various investment management teams globally, Invesco's Global Head of ESG and chaired by its Global Proxy Governance and Voting Manager. The Global IPAC provides a forum for investment teams to monitor, understand and discuss key proxy issues and voting trends within the Invesco complex, to assist Invesco in meeting regulatory obligations, to

review votes not aligned with our good governance principles and to consider conflicts of interest in the proxy voting process, all in accordance with this Policy.

In fulfilling its responsibilities, the Global IPAC meets as necessary, but no less than semi-annually, and has the following responsibilities and functions: (i) acts as a key liaison between the Global ESG team and local proxy voting practices to ensure compliance with this Policy; (ii) provides insight on market trends as it relates to stewardship practices; (iii) monitors proxy votes that present potential conflicts of interest; (iv) the Conflict of Interest sub-committee will make voting decisions on submissions made by portfolio managers on conflict of interest issues to override the Policy; and (v) reviews and provides input, at least annually, on this Policy and related internal procedures and recommends any changes to the Policy based on, but not limited to, Invesco's experience, evolving industry practices, or developments in applicable laws or regulations.

In addition to the Global IPAC, for some clients, third parties (e.g., U.S. fund boards) provide oversight of the proxy voting process.

E. Market and Operational Limitations

In the great majority of instances, Invesco will vote proxies. However, in certain circumstances, Invesco may refrain from voting where the economic or other opportunity costs of voting exceeds any benefit to clients. Moreover, ERISA fiduciaries, in voting proxies or exercising other shareholder rights, must not subordinate the economic interests of plan participants and beneficiaries to unrelated objectives. These matters are left to the discretion of the relevant portfolio manager. Such circumstances could include, for example:

- In some countries the exercise of voting rights imposes temporary transfer restrictions
 on the related securities ("share blocking"). Invesco generally refrains from voting
 proxies in share blocking countries unless Invesco determines that the benefit to the
 client(s) of voting a specific proxy outweighs the client's temporary inability to sell the
 security.
- Some companies require a representative to attend meetings in person to vote a proxy, additional documentation or the disclosure of beneficial owner details to vote. Invesco may determine that the costs of sending a representative, signing a power-of-attorney or submitting additional disclosures outweigh the benefit of voting a particular proxy.
- Invesco may not receive proxy materials from the relevant fund or client custodian with sufficient time and information to make an informed independent voting decision.
- Invesco held shares on the record date but has sold them prior to the meeting date.

In some non-U.S. jurisdictions, although Invesco uses reasonable efforts to vote a proxy, proxies may not be accepted or may be rejected due to changes in the agenda for a shareholder meeting for which Invesco does not have sufficient notice, due to a proxy voting service not being offered by the custodian in the local market or due to operational issues experienced by third-parties involved in the process or by the issuer or sub-custodian. In addition, despite the best efforts of Invesco and its proxy voting agent, there may be instances where our votes may not be received or properly tabulated by an issuer or the issuer's agent.

F. Securities Lending

Invesco's funds may participate in a securities lending program. In circumstances where shares are on loan, the voting rights of those shares are transferred to the borrower. If the security in question is on loan as part of a securities lending program, Invesco may determine that the benefit to the client of voting a particular proxy outweighs the benefits of securities lending. In those instances, Invesco may determine to recall securities that are on loan prior to the meeting record date, so that we will be entitled to vote those shares. There may be instances where Invesco may be unable to recall shares or may choose not to recall shares. The relevant portfolio manager will make these determinations.

G. Conflicts of Interest

There may be occasions where voting proxies may present a perceived or actual conflict of interest between Invesco, as investment manager, and one or more of Invesco's clients or vendors.

Firm-Level Conflicts of Interest

A conflict of interest may exist if Invesco has a material business relationship with either the company soliciting a proxy or a third party that has a material interest in the outcome of a proxy vote or that is actively lobbying for a particular outcome of a proxy vote. Such relationships may include, among others, a client relationship, serving as a vendor whose products / services are material or significant to Invesco, serving as a distributor of Invesco's products, a significant research provider or broker to Invesco.

Invesco identifies potential conflicts of interest based on a variety of factors, including but not limited to the materiality of the relationship between the issuer or its affiliates to Invesco.

Material firm-level conflicts of interests are identified by individuals and groups within Invesco globally based on criteria established by the global proxy services team. These criteria are monitored and updated periodically by the global proxy services team so as to seek to ensure an updated view is available when conducting conflicts checks. Operating procedures and associated governance are designed to seek to ensure conflicts of interest are appropriately considered ahead of voting proxies. The Global IPAC Conflict of Interest Sub-committee maintains oversight of the process. Companies identified as conflicted will be voted in line with the principles below as implemented by Invesco's internally developed voting guidelines. To the extent a portfolio manager disagrees with the Policy, our processes and procedures seek to ensure justification and rationales are fully documented and presented to the Global IPAC Conflict of Interest Sub-committee for approval by a majority vote.

As an additional safeguard, persons from Invesco's marketing, distribution and other customerfacing functions may not serve on the Global IPAC. For the avoidance of doubt, Invesco may not consider Invesco Ltd.'s pecuniary interest when voting proxies on behalf of clients. To avoid any appearance of a conflict of interest, Invesco will not vote proxies issued by Invesco Ltd. that may be held in client accounts.

Personal Conflicts of Interest

A conflict also may exist where an Invesco employee has a known personal or business relationship with other proponents of proxy proposals, participants in proxy contests, corporate directors, or candidates for directorships. Under Invesco's Global Code of Conduct, Invesco entities and individuals must act in the best interests of clients and must avoid any situation that gives rise to an actual or perceived conflict of interest.

All Invesco personnel with proxy voting responsibilities are required to report any known personal or business conflicts of interest regarding proxy issues with which they are involved. In such instances, the individual(s) with the conflict will be excluded from the decision-making process relating to such issues.

Voting Fund of Funds

There may be conflicts that can arise from Invesco voting on matters when shares of Invescosponsored funds are held by other Invesco funds or entities. The scenarios below set out how Invesco votes in these instances.

- In the United States, as required by law, proportional voting applies.
 - Shares of an Invesco-sponsored fund held by other Invesco funds will be voted in the same proportion as the votes of external shareholders of the underlying fund, where required by law.
 - Shares of an unaffiliated registered fund held by one or more Invesco funds will be voted in the same proportion as the votes of external shareholders of the underlying fund where the thresholds are met as required by federal securities law or any exemption therefrom.

- To the extent proportional voting is required by law but not operationally possible, Invesco will not vote the shares.
- For US fund of funds where proportional voting is not required by law, Invesco will still
 apply proportional voting. In the event this is not operationally possible, Invesco will
 vote in line with our internally developed voting guidelines (as defined below).
- For non-US fund of funds Invesco will vote in line with our above-mentioned firm-level conflicts of interest process unless local policies are in place as per Exhibit A.

H. Use of Proxy Advisory Services

Invesco may supplement its internal research with information from independent third-parties, such as proxy advisory firms, to assist us in assessing the corporate governance of investee companies. Globally, Invesco leverages research from Institutional Shareholder Services Inc. ("ISS") and Glass Lewis ("GL"). Invesco generally retains full and independent discretion with respect to proxy voting decisions.

ISS and GL both provide research reports, including vote recommendations, to Invesco and its portfolio managers and analysts. Invesco retains ISS to provide written analysis and recommendations based on Invesco's internally developed custom voting guidelines. Updates to previously issued proxy research reports may be provided to incorporate newly available information or additional disclosure provided by the issuer regarding a matter to be voted on, or to correct factual errors that may result in the issuance of revised proxy vote recommendations. Invesco's global proxy services team may periodically monitor for these research alerts issued by ISS and GL that are shared with our investment teams. Invesco will generally endeavor to consider such information where such information is considered material provided it is delivered in a timely manner ahead of the vote deadline.

Invesco also retains ISS to assist in the implementation of certain proxy voting-related functions, including, but not limited to, operational and reporting services. These administrative services include receipt of proxy ballots, vote execution through PROXYintel and vote disclosure in Canada, the UK and Europe to meet regulatory reporting obligations.

As part of its fiduciary obligation to clients, Invesco performs extensive initial and ongoing due diligence on the proxy advisory firms it engages globally. This includes reviews of information regarding the capabilities of their research staff, methodologies for formulating voting recommendations, the adequacy and quality of personnel and technology, as applicable, and internal controls, policies and procedures, including those relating to possible conflicts of interest.

The proxy advisory firms Invesco engages globally complete an annual due diligence questionnaire submitted by Invesco, and Invesco conducts annual due diligence meetings in part to discuss their responses to the questionnaire. In addition, Invesco monitors and communicates with these firms and monitors their compliance with Invesco's performance and policy standards. ISS and GL disclose conflicts to Invesco through a review of their policies, procedures and practices regarding potential conflicts of interests (including inherent internal conflicts) as well as disclosure of the work ISS and GL perform for corporate issuers and the payments they receive from such issuers. As part of our annual policy development process, Invesco engages with external proxy and governance experts to understand market trends and developments and to weigh in on the development of these policies at these firms, where appropriate. These meetings provide Invesco with an opportunity to assess the firms' capabilities, conflicts of interest and service levels, as well as provide investment professionals with direct insight into the advisory firms' stances on key governance and proxy topics and their policy framework/methodologies.

Invesco completes a review of the System and Organizational Controls ("SOC") Reports for each proxy advisory firm to ensure the related controls operated effectively to provide reasonable assurance.

In addition to ISS and GL, Invesco may use regional third-party research providers to access regionally specific research.

I. Review of Policy

The Global IPAC and Invesco's Global ESG team, global proxy services team, compliance and legal teams annually communicate and review this Policy and our internally developed custom voting guidelines to seek to ensure that they remain consistent with clients' best interests, regulatory requirements, investment team considerations, governance trends and industry best practices. At least annually, this Policy and our internally developed voting guidelines are reviewed by various groups within Invesco to ensure that they remain consistent with Invesco's views on best practice in corporate governance and long-term investment stewardship.

III. Our Good Governance Principles

Invesco's good governance principles outline our views on best practice in corporate governance and long-term investment stewardship. These principles have been developed by our global investment teams in collaboration with the Global ESG team. The broad philosophy and guiding principles in this section inform our approach to long-term investment stewardship and proxy voting. These principles are not intended to be exhaustive or prescriptive.

Our portfolio managers and analysts retain full discretion on vote execution in the context of our good governance principles and internally developed custom voting guidelines, except where otherwise specified in this Policy. The final voting decisions may consider the unique circumstances affecting companies, regional best practices and any dialogue we have had with company management. As a result, different Portfolio Management Teams may vote differently on particular votes for the same company. To the extent a portfolio manager chooses to vote a proxy in a way that is not aligned with the principles below, such manager's rationales are fully documented.

The following guiding principles apply to operating companies. We apply a separate approach to open-end and closed-end investment companies and unit investment trusts. Where appropriate, these guidelines are supplemented by additional internal guidance that considers regional variations in best practices, disclosure and region-specific voting items.

Our good governance principles are divided into six key themes that Invesco endorses:

A. Transparency

We expect companies to provide accurate, timely and complete information that enables investors to make informed investment decisions and effectively carry out their stewardship activities. Invesco supports the highest standards in corporate transparency and believes that these disclosures should be made available ahead of the voting deadlines for the Annual General Meeting or Extraordinary General Meeting to allow for timely decision-making.

Financial reporting: Company accounts and reporting must accurately reflect the underlying economic position of a company. Arrangements that may constitute an actual or perceived conflict with this objective should be avoided.

- We will generally support proposals to accept the annual financial statements, statutory
 accounts and similar proposals unless these reports are not presented in a timely
 manner or significant issues are identified regarding the integrity of these disclosures.
- We will generally vote against the incumbent audit committee chair, or nearest
 equivalent, where the non-audit fees paid to the independent auditor exceed audit fees
 for two consecutive years or other problematic accounting practices are identified such
 as fraud, misapplication of audit standards or persistent material
 weaknesses/deficiencies in internal controls over financial reporting.
- We will generally not support the ratification of the independent auditor and/or
 ratification of their fees payable if non-audit fees exceed audit and audit related fees or
 there are significant auditing controversies or questions regarding the independence of
 the external auditor. We will consider an auditor's length of service as a company's
 independent auditor in applying this policy.

B. Accountability

Robust shareholder rights and strong board oversight help ensure that management adhere to the highest standards of ethical conduct, are held to account for poor performance and responsibly deliver value creation for stakeholders over the long-term. We therefore encourage companies to adopt governance features that ensure board and management accountability. In particular, we consider the following as key mechanisms for enhancing accountability to investors:

One share one vote: Voting rights are an important tool for investors to hold boards and management teams accountable. Unequal voting rights may limit the ability of investors to exercise their stewardship obligations.

- We generally do not support proposals that establish or perpetuate dual classes of voting shares, double voting rights or other means of differentiated voting or disproportionate board nomination rights.
- We generally support proposals to decommission differentiated voting rights.
- Where unequal voting rights are established, we expect these to be accompanied by reasonable safeguards to protect minority shareholders' interests.

Anti-takeover devices: Mechanisms designed to prevent or unduly delay takeover attempts may unduly limit the accountability of boards and management teams to shareholders.

- We generally will not support proposals to adopt antitakeover devices such as poison
 pills. Exceptions may be warranted at entities without significant operations and to
 preserve the value of net operating losses carried forward or where the applicability of
 the pill is limited in scope and duration.
- In addition, we will generally not support capital authorizations or amendments to
 corporate articles or bylaws at operating companies that may be utilized for
 antitakeover purposes, for example, the authorization of classes of shares of preferred
 stock with unspecified voting, dividend, conversion or other rights ("blank check"
 authorizations).

Shareholder rights: We support the rights of shareholders to hold boards and management teams accountable for company performance. We generally support best practice aligned proposals to enhance shareholder rights, including but not limited to the following:

- · Adoption of proxy access rights
- · Rights to call special meetings
- Rights to act by written consent
- Reduce supermajority vote requirements
- Remove antitakeover provisions
- Requirement that directors are elected by a majority vote

In addition, we oppose practices that limit shareholders' ability to express their views at a general meeting such as bundling unrelated proposals or several significant article or bylaw amendments into a single voting item. We will generally vote against these proposals unless we are satisfied that all the underlying components are aligned with our views on best practice.

Director Indemnification: Invesco recognizes that individuals may be reluctant to serve as corporate directors if they are personally liable for all related lawsuits and legal costs. As a result, reasonable limitations on directors' liability can benefit a company and its shareholders by helping to attract and retain qualified directors while preserving recourse for shareholders in the event of misconduct by directors. Accordingly, unless there is insufficient information to make a decision about the nature of the proposal, Invesco will generally support proposals to limit directors' liability and provide indemnification and/or exculpation, provided that the arrangements are reasonably limited in scope to directors acting in good faith and, in relation to criminal

matters, limited in scope to directors having reasonable grounds for believing the conduct was lawful.

Responsiveness: Boards should respond to investor concerns in a timely fashion, including reasonable requests to engage with company representatives regarding such concerns, and address matters that receive significant voting dissent at general meetings of shareholders.

- We will generally vote against the lead independent director and/or the incumbent chair
 of the governance committee, or nearest equivalent, in cases where the board has not
 adequately responded to items receiving significant voting opposition from
 shareholders at an annual or extraordinary general meeting.
- We will generally vote against the lead independent director and/or incumbent chair of the governance committee, or nearest equivalent, where the board has not adequately responded to a shareholder proposal which has received significant support from shareholders.
- We will generally vote against the incumbent chair of the compensation committee if
 there are significant ongoing concerns with a company's compensation practices that
 have not been addressed by the committee or egregious concerns with the company's
 compensation practices for two years consecutively.
- We will generally vote against the incumbent compensation committee chair where
 there are ongoing concerns with a company's compensation practices and there is no
 opportunity to express dissatisfaction by voting against an advisory vote on executive
 compensation, remuneration report (or policy) or nearest equivalent.
- Where a company has not adequately responded to engagement requests from Invesco or satisfactorily addressed issues of concern, we may oppose director nominations, including, but not limited to, nominations for the lead independent director and/or committee chairs.

C. Board Composition and Effectiveness

Director election process: Board members should generally stand for election annually and individually.

- We will generally support proposals requesting that directors stand for election annually.
- We will generally vote against the incumbent governance committee chair or lead
 independent director if a company has a classified board structure that is not being
 phased out. We may make exceptions to this policy for non-operating companies (e.g.,
 open-end and closed-end funds) or in regions where market practice is for directors to
 stand for election on a staggered basis.
- When a board is presented for election as a slate (e.g., shareholders are unable to vote against individual nominees and must vote for or against the entire nominated slate of directors) and this approach is not aligned with local market practice, we will generally vote against the slate in cases where we otherwise would vote against an individual nominee.
- Where market practice is to elect directors as a slate we will generally support the
 nominated slate unless there are governance concerns with several of the individuals
 included on the slate or we have broad concerns with the composition of the board
 such as a lack independence.

Board size: We will generally defer to the board with respect to determining the optimal number of board members given the size of the company and complexity of the business, provided that the proposed board size is sufficiently large to represent shareholder interests and sufficiently limited to remain effective.

Board assessment and succession planning: When evaluating board effectiveness, Invesco considers whether periodic performance reviews and skills assessments are conducted to ensure the board represents the interests of shareholders. In addition, boards should have a robust succession plan in place for key management and board personnel.

Definition of independence: Invesco considers local market definitions of director independence but applies a proprietary standard for assessing director independence considering a director's status as a current or former employee of the business, any commercial or consulting relationships with the company, the level of shares beneficially owned or represented and familial relationships, among others.

Board and committee independence: The board of directors, board committees and regional equivalents should be sufficiently independent from management, substantial shareholders and conflicts of interest. We consider local market practices in this regard and in general we look for a balance across the board of directors. Above all, we like to see signs of robust challenge and discussion in the boardroom.

- We will generally vote against one or more non-independent directors when a board is less than majority independent, but we will take into account local market practice with regards to board independence in limited circumstances where this standard is not appropriate.
- We will generally vote against non-independent directors serving on the audit committee.
- We will generally vote against non-independent directors serving on the compensation committee.
- We will generally vote against non-independent directors serving on the nominating committee.
- In relation to the board, compensation committee and nominating committee we will
 consider the appropriateness of significant shareholder representation in applying this
 policy. This exception will generally not apply to the audit committee.

Separation of Chair and CEO roles: We believe that independent board leadership generally enhances management accountability to investors. Companies deviating from this best practice should provide a strong justification and establish safeguards to ensure that there is independent oversight of a board's activities (e.g., by appointing a lead or senior independent director with clearly defined powers and responsibilities).

- We will generally vote against the incumbent nominating committee chair where the board chair is not independent unless a lead independent or senior director is appointed.
- We will generally support shareholder proposals requesting that the board chair be an independent director.
- We will generally not vote against a CEO or executive serving as board chair solely on the basis of this issue, however, we may do so in instances where we have significant concerns regarding a company's corporate governance, capital allocation decisions and/or compensation practices.

Attendance and over boarding: Director attendance at board and committee meetings is a fundamental part of their responsibilities and provides efficient oversight for the company and its investors. In addition, directors should not have excessive external board or managerial commitments that may interfere with their ability to execute the duties of a director.

- We will generally vote against directors who attend less than 75% of board and committee meetings held in the previous year unless an acceptable extenuating circumstance is disclosed, such as health matters or family emergencies.
- We will generally vote against directors who have more than four total mandates at public operating companies. We apply a lower threshold for directors with significant commitments such as executive positions and chairmanships.

Diversity: We encourage companies to continue to evolve diversity and inclusion practices. Boards should be comprised of directors with a variety of relevant skills and industry expertise together with a diverse profile of individuals of different genders, ethnicities, race, skills, tenures and backgrounds in order to provide robust challenge and debate. We consider diversity at the board level, within the executive management team and in the succession pipeline.

- We will generally vote against the incumbent nominating committee chair of a board where women constitute less than two board members or 25% of the board, whichever is lower, for two or more consecutive years, unless incremental improvements are being made to diversity practices.
- In addition, we will consider a company's performance on broader types of diversity
 which may include diversity of skills, non-executive director tenure, ethnicity, race or
 other factors where appropriate and reasonably determinable. We will generally vote
 against the incumbent nominating committee chair if there are multiple concerns on
 diversity issues.
- We generally believe that an individual board's nominating committee is best positioned
 to determine whether director term limits would be an appropriate measure to help
 achieve these goals and, if so, the nature of such limits. Invesco generally opposes
 proposals to limit the tenure of outside directors through mandatory retirement ages.

D. Long Term Stewardship of Capital

Capital allocation: Invesco expects companies to responsibly raise and deploy capital towards the long-term, sustainable success of the business. In addition, we expect capital allocation authorizations and decisions to be made with due regard to shareholder dilution, rights of shareholders to ratify significant corporate actions and pre-emptive rights, where applicable.

Share issuance and repurchase authorizations: We generally support authorizations to issue shares up to 20% of a company's issued share capital for general corporate purposes. Shares should not be issued at a substantial discount to the market price or be repurchased at a substantial premium to the market price.

Stock splits: We generally support management proposals to implement a forward or reverse stock split, provided that a reverse stock split is not being used to take a company private. In addition, we will generally support requests to increase a company's common stock authorization if requested in order to facilitate a stock split.

Increases in authorized share capital: We will generally support proposals to increase a company's number of authorized common and/or preferred shares, provided we have not identified concerns regarding a company's historical share issuance activity or the potential to use these authorizations for antitakeover purposes. We will consider the amount of the request in relation to the company's current authorized share capital, any proposed corporate transactions contingent on approval of these requests and the cumulative impact on a company's authorized share capital, for example, if a reverse stock split is concurrently submitted for shareholder consideration.

Mergers, acquisitions, proxy contests, disposals and other corporate transactions: Invesco's investment teams will review proposed corporate transactions including mergers, acquisitions, reorganizations, proxy contests, private placements, dissolutions and divestitures based on a proposal's individual investment merits. In addition, we broadly approach voting on other corporate transactions as follows:

- We will generally support proposals to approve different types of restructurings that
 provide the necessary financing to save the company from involuntary bankruptcy.
- We will generally support proposals to enact corporate name changes and other proposals related to corporate transactions that we believe are in shareholders' best interests.
- We will generally support reincorporation proposals, provided that management have provided a compelling rationale for the change in legal jurisdiction and provided further that the proposal will not significantly adversely impact shareholders' rights.

• With respect to contested director elections, we consider the following factors, among others, when evaluating the merits of each list of nominees: the long term performance of the company relative to its industry, management's track record, any relevant background information related to the contest, the qualifications of the respective lists of director nominees, the strategic merits of the approaches proposed by both sides including the likelihood that the proposed goals can be met, positions of stock ownership in the company.

E. Environmental, Social and Governance Risk Oversight

Director responsibility for risk oversight: The board of directors are ultimately responsible for overseeing management and ensuring that proper governance, oversight and control mechanisms are in place at the companies they oversee. Invesco may take voting action against director nominees in response to material governance or risk oversight failures that adversely affect shareholder value.

Invesco considers the adequacy of a company's response to material oversight failures when determining whether any voting action is warranted. In addition, Invesco will consider the responsibilities delegated to board subcommittees when determining if it is appropriate to hold certain director nominees accountable for these material failures.

Material governance or risk oversight failures at a company may include, without limitation:

- i. significant bribery, corruption or ethics violations;
- ii. events causing significant climate-related risks;
- iii. significant health and safety incidents; or
- iv. failure to ensure the protection of human rights.

Reporting of financially material ESG information: Companies should report on their environmental, social and governance opportunities and risks where material to their business operations.

 Where Invesco finds significant gaps in terms of management and disclosure of environmental, social and governance risk policies, we will generally vote against the annual reporting and accounts or an equivalent resolution.

Shareholder proposals addressing environmental and social issues: Invesco may support shareholder resolutions requesting that specific actions be taken to address environmental and social ("E&S") issues or mitigate exposure to material E&S risks, including reputational risk, related to these issues. When considering such proposals, we will consider a company's track record on E&S issues, the efficacy of the proposal's request, whether the requested action is unduly burdensome, and whether we consider the adoption of such a proposal would promote long-term shareholder value. We will also consider company responsiveness to the proposal and any engagement on the issue when casting votes.

- We generally do not support resolutions where insufficient information has been provided in advance of the vote or a lack of disclosure inhibits our ability to make fully informed voting decisions.
- We will generally support shareholder resolutions requiring additional disclosure on material environmental, social and governance risks facing their businesses, provided that such requests are not unduly burdensome or duplicative with a company's existing reporting. These may include, but are not limited to, reporting on the following: gender and racial diversity issues, political contributions and lobbying disclosure, information on data security, privacy, and internet practices, human capital and labor issues and the use of natural capital, and reporting on climate change-related risks.

Ratification of board and/or management acts: We will generally support proposals to ratify the actions of the board of directors, supervisory board and/or executive decision-making bodies, provided there are no material oversight failures as described above. When such oversight concerns are identified, we will consider a company's response to any issues raised and may vote against ratification proposals instead of, or in addition to, director nominees.

F. Executive Compensation and Alignment

Invesco supports compensation polices and equity incentive plans that promote alignment between management incentives and shareholders' long-term interests. We pay close attention to local market practice and may apply stricter or modified criteria where appropriate.

Advisory votes on executive compensation, remuneration policy and remuneration reports: We will generally not support compensation related proposals where more than one of the following is present:

- there is an unmitigated misalignment between executive pay and company performance for at least two consecutive years;
- ii. there are problematic compensation practices which may include among others incentivizing excessive risk taking or circumventing alignment between management and shareholders' interests via repricing of underwater options;
- iii. vesting periods for long term incentive awards are less than three years;
- iv. the company "front loads" equity awards;
- v. there are inadequate risk mitigating features in the program such as clawback provisions;
- vi. excessive, discretionary one-time equity grants are awarded to executives;
- ii. less than half of variable pay is linked to performance targets, except where prohibited by law.

Invesco will consider company reporting on pay ratios as part of our evaluation of compensation proposals, where relevant.

Equity plans: Invesco generally supports equity compensation plans that promote the proper alignment of incentives with shareholders' long-term interests, and generally votes against plans that are overly dilutive to existing shareholders, plans that contain objectionable structural features which may include provisions to reprice options without shareholder approval, plans that include evergreen provisions or plans that provide for automatic accelerated vesting upon a change in control.

Employee stock purchase plans: We generally support employee stock purchase plans that are reasonably designed to provide proper incentives to a broad base of employees, provided that the price at which employees may acquire stock represents a reasonable discount from the market price.

Severance Arrangements: Invesco considers proposed severance arrangements (sometimes known as "golden parachute" arrangements) on a case-by-case basis due to the wide variety among their terms. Invesco acknowledges that in some cases such arrangements, if reasonable, may be in shareholders' best interests as a method of attracting and retaining high-quality executive talent. We generally vote in favor of proposals requiring shareholder ratification of senior executives' severance agreements where the proposed terms and disclosure align with good market practice.

Exhibit A

Harbourview Asset Management Corporation

Invesco Advisers, Inc.

Invesco Asset Management (India) Pvt. Ltd*1

Invesco Asset Management (Japan) Limited*1

Invesco Asset Management (Schweiz) AG

Invesco Asset Management Deutschland GmbH

Invesco Asset Management Limited¹

Invesco Asset Management Singapore Ltd

Invesco Asset Management Spain

Invesco Australia Ltd

Invesco European RR L.P

Invesco Canada Ltd.1

Invesco Capital Management LLC

Invesco Capital Markets, Inc.*1

Invesco Hong Kong Limited

Invesco Investment Advisers LLC

Invesco Investment Management (Shanghai) Limited

Invesco Investment Management Limited

Invesco Loan Manager, LLC

Invesco Managed Accounts, LLC

Invesco Management S.A

Invesco Overseas Investment Fund Management (Shanghai) Limited

Invesco Pensions Limited

Invesco Private Capital, Inc.

Invesco Real Estate Management S.a.r.l1

Invesco RR Fund L.P.

Invesco Senior Secured Management, Inc.

Invesco Taiwan Ltd*1

Invesco Trust Company

Oppenheimer Funds, Inc.

WL Ross & Co. LLC

^{*} Invesco entities with specific proxy voting guidelines

¹ Invesco entities with specific conflicts of interest policies