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Abstract

The London Assurance (LA) was incorporated in 1720, marking a significant innovation in the marine insurance industry. Contemporaries anticipated joint-stock firms such as the LA would rapidly outcompete private underwriters, yet this outcome did not occur. The success of the private underwriters has been ascribed to their organisational form. This paper reassesses these explanations and finds that, rather than an a priori worse business model, various corporate governance challenges limited the LA’s capacity to compete. This provides a more complete explanation for the relative failure of the joint-stock marine insurance companies, and has implications for understanding the evolution of the corporate form in the 18th century.
Introduction

The floatation of the London Assurance (LA) and Royal Exchange Assurance (REA) in 1720 gave rise to fevered speculation. Between January 1720 and their market peak in the summer of that year, the share price of the LA increased by 4,320 per cent and the REA by 1,343 per cent; greatly outpacing the price of the South Sea Company, which rose in comparison by only 675 per cent.\(^1\) Contemporaries saw incorporation as a promising innovation with the potential to transform not only the insurance industry, but international trade. It was claimed that these enterprises would be able to offer lower rates, better guarantees, and quicker processing of claims.\(^2\) There were high expectations that the two firms would soon outcompete private underwriters and capture the rapidly expanding marine insurance market.\(^3\)

Yet, the English marine insurance market developed very differently. Private underwriters thrived, cooperating to form the powerful organization that would become Lloyd’s. The two joint-stock companies managed to secure only 10 per cent of the market when launched, a figure that declined to 3 per cent in 1810.\(^4\)

Why, then, did the joint-stock corporations fail to deliver the expected innovations and outcompete the private underwriters? Answering this question is of interest to economic and business historians, as it contributes to current debates examining why different organizational forms emerge, and how they affect firm and economic performance.\(^5\) Insurance is a particularly interesting industry in which to address these questions. Pearson and Yoneyama show that different organizational forms have been used across time and geography to varying degrees of success.\(^6\) The LA, as part of the first wave of widespread incorporation within the English economy offers a pertinent case with which to address these debates.

The historiography of the LA and REA identifies two dominant explanations for their relative failure. First, recent explanations focus on the agency problems created by the highly discrete
nature of the risks in marine insurance.\textsuperscript{7} This placed a premium on organizational forms that improved flows of information to mitigate threats of asymmetric information. The system of networked private underwriting was particularly adept at addressing these challenges.\textsuperscript{8} It also allowed for an efficient distribution of risk, with individual underwriters taking only a percentage of any given insurance line. Lloyds improved coordination of contracts between individual underwriters, allowing them to respond rapidly to potential business opportunities and diversify risk effectively.\textsuperscript{9} Conversely the corporations had poorer access to information and faced a ‘lemons problem’.\textsuperscript{10}

Second, it was claimed that the marine corporations tended to act with extreme ‘caution’, restricting the freedom of their underwriters, which led to higher priced premiums.\textsuperscript{11} This was despite holding significantly more capital, which potentially allowed the insurance of whole lines, and offer of lower rates. The failure to exploit this advantage, must be ascribed to weaknesses within the corporations’ organisation and business model.\textsuperscript{12} However, no clear explanation for the motivation behind these restrictions has been advanced.

There are two significant limitations to these explanations. First, they are anachronistic. It is important to note that Lloyd’s was not, in 1720, the organized and efficient network it would later become. By the early 18\textsuperscript{th} century, there was in excess of a hundred private underwriters in London, who had amassed extensive experience of routes and pricing, and informal networks provided platforms to enable coordination. Yet, Lloyd’s as a named entity was unknown in these years, and its “intelligence apparatus” only reached full development in the early 19\textsuperscript{th} century.\textsuperscript{13}

Second, claims about the organizational superiority of the private underwriter networks, are undermined by the development of the marine insurance industry in the U.S. In the 18\textsuperscript{th} century, American underwriters had followed Lloyd’s model.\textsuperscript{14} However, their limited capital base
forced merchants to spread their risk between underwriters. Newly formed joint-stock firms aggressively exploited this weakness, deliberately leveraging their capital advantage to insure entire ships. By 1810, the corporations had driven private underwriters almost entirely out of the market.\textsuperscript{15}

At the time of their foundation the LA and REA faced strong but not insurmountable competition. The US case shows that the joint-stock companies did not have an \textit{a priori} worse organisational form or business model. Indeed, the success of the US corporations was not the consequence of better information, it was rather the result of the strategic decision to aggressively exploit their capital advantage. This indicates that different organizational forms could succeed in the marine insurance sector, and suggests the LA and REA had a similar opportunity in 1720.

The limitations of these explanations open questions about the effects of organisational form on firm performance. Kingston called for, “further study of the internal organisation of the British corporations … to understand their comparative advantage and disadvantages relative to private underwriting.”\textsuperscript{16} This article pursues this line of inquiry and asks three questions: Why did entrepreneurs choose to utilise a novel organisational form in the marine insurance market? How were the new corporations organised and operated? What explains the ‘failure’ of the 18\textsuperscript{th} century joint-stock companies to dominate the marine insurance industry?

In answering these questions the article considers John’s observation that the structure of the LA, despite being a joint-stock firm, had an “absence of any delegated authority to a managerial hierarchy.”\textsuperscript{17} Common to the period, the firm was directly managed by owner-directors. Yet various parliamentary debates in the late 17\textsuperscript{th} and early 18\textsuperscript{th} centuries expressed concerns about the allocation of rights and responsibilities amongst shareholders, directors, and managers. Problems of governance related to the constraint of managerial preference, the rotation of
directors, and conflicts of interest caused by interlocking directorates were widespread.\textsuperscript{18} As Freeman et al. note, this was a period, “when the struggle over the powers of directors, who were usually owners, and nondirecting shareholders was particularly acute.”\textsuperscript{19}

The article examines how the organization and operations of the LA were adapted in response to three significant governance challenges. First, the struggle between directors and nondirecting shareholders could lead to controlling shareholders using the firm’s assets for private benefit at the expense of small shareholders; a threat described as minority oppression.\textsuperscript{20} This problem was particularly acute in the case of owner-director managed companies. There was limited legal protection of investor rights in 18\textsuperscript{th} century England, so to limit oppression minority shareholders would have to seek protection through internal governance mechanisms.

The second challenge relates to the effectiveness of owner-directors in managing the firm. The lack of delegated management has been identified as a restriction on effective decision making.\textsuperscript{21} Whilst recent research into ‘busy’ non-executive directors posits that multiple appointments weakens oversight of management, and leads to poorer firm performance.\textsuperscript{22} Supple identified the wide-ranging commercial and political interests held by directors of the REA, with interlocking directorates, a common feature of the chartered companies.\textsuperscript{23} The varied commitments of the LA’s owner-directors, subsequent limitations on time, and possible conflicts of interest, may have limited their capacity to monitor and control operations.

Third, Limited liability is widely regarded as the “\textit{sine qua non} of the modern company,” critical in enabling diffuse corporate ownership.\textsuperscript{24} In 18\textsuperscript{th} century England, limited liability was not legally guaranteed, but could be included in the incorporating act.\textsuperscript{25} A lack of limited liability may have motivated large shareholders to exert close control of the company, and through the role of owner-managers protect their investments from the risk of company failure and subsequent unlimited calls on their assets.
Analysis of the response of the shareholders and directors to these challenges is contextualized within 18\textsuperscript{th} century attitudes towards corporate governance. Shareholders were expected to be active participants in the operations of the company; as Pearson notes, “the passive investor was frowned upon”.\textsuperscript{26} Whilst wider political interests, and local and national economic concerns significantly influenced shareholder behaviour.\textsuperscript{27} The analysis draws on a new dataset of insurance lines made in the first year of operation, new data on the directors’ external connections and personal business with the firm, and a number of new qualitative sources detailing the operations of the company.

The contribution of the article is twofold. First, it develops a different rationale for the relative failure of the LA, identifying that the directors adopted a risk averse strategy due to organizational and strategic responses to governance challenges. The second contribution is to the debates on the evolution of the corporation. In the 16\textsuperscript{th} century, innovations in the legal and organizational characteristics of the Chartered trading companies created entities redolent of modern corporations, yet this was an incomplete revolution.\textsuperscript{28} Legal rights and responsibilities of owners and directors remained ill-defined, and this article illustrates how these governance problems limited operations and performance.\textsuperscript{29} This supports explanations that dismiss the importance of the Bubble Act in explaining low levels of incorporation in the 18\textsuperscript{th} century.\textsuperscript{30}

The paper proceeds with a brief description of the British economy and marine insurance sector in the early 18\textsuperscript{th} century. Examination of the parliamentary inquiry surrounding the proposed incorporation of the REA and LA identifies contemporary perceptions of the different organizational forms, and the rationale for the change in ownership. Subsequently, the article details the organization and business model of the newly incorporated company. It concludes by contextualising these findings within debates on organizational forms.
Britain’s evolving economy in the early 18th century

The incorporation of the LA and REA in 1720 marked the completion of a lengthy, contentious debate, between merchants, underwriters, and the British government, regarding the benefits and threats of incorporation in the marine insurance sector. The debate, and the context in which it occurred, illustrate contemporary views of the joint-stock form and marine insurance.

The years 1719-20 saw an extraordinary boom in the interest in the joint-stock form. More than 44 per cent of all the British joint-stock companies floated in the two centuries between 1600 and 1789 were floated in those two years. In addition to the sheer number of firms, at least 160 were floated, what is striking is the number of sectors involved: beside the traditional sectors of finance and long distance trade, ventures in marine insurance, agriculture, consumer goods, construction, were proposed. Although dismissed by some contemporaries and historians as a fleeting effect of stock-jobbers seeking to defraud the unwary public, these undertakings were part of a wider experimentation with the idea of publicly owned enterprises.

Innovation of the corporate form was part of an evolution in the ‘sophistication and specialization of business activity’ in the late 17th century. New ventures were often promoted on the basis of expanding business, whilst providing some degree of public utility or benefit to the nation. The scale of capital within the ventures incorporated in 1720 was unprecedented, with some subscriptions rising above £2 million. Entrepreneurs, investors, and capital markets, were increasingly connected through these joint-stock ventures.

Of all the sectors overtaken by the joint-stock euphoria, marine insurance raised by far the greatest interest among investors in Britain and North West Europe. In Britain, the two marine insurance corporations became the two stars of the 1720 stock market bubble, their share prices surging to much higher heights than the South Sea Company.
Although not entirely novel – with previous joint-stock ventures mooted in Holland and Venice – the incorporation of the two British firms initiated a craze for marine insurance joint-stock companies elsewhere in Europe. In the Dutch Republic, 39 out of 40 joint-stock schemes projected between June and October 1720 were concerned with insurance. According to a London newspaper, the Dutch were so infatuated with insurance companies that they “talk[ed] of nothing else”.36 The same month, two marine insurance firms were floated in Hamburg, their shares raising more than 100% in a week.37 Other marine insurance projects appeared in the Austrian Netherlands (July 1720), the Danish city of Altona (July 1720), and the Northern German city of Emden (October 1720).38

The marine insurance craze took place against a backdrop of long-term expansion in international trade, with British imports and exports increasing by around 75 per cent in the second half of the 17th century.39 There was growing interest from the state and amongst merchants to expand international trade, however, the significant risks involved stunted wider participation. The loss of individual ships could easily ruin a merchant, whilst events such as the destruction of the Smyrna fleet in 1693 threatened the wider economy.40 Marine insurance was recognised as a vital element in mitigating the threats faced by merchants.

In the 17th century, marine insurance operated through a system of brokers who linked merchants with underwriters. By 1720, there was in the region of 150 underwriters in London, the majority of whom were individuals that provided the service amongst a portfolio of business interests, often being merchants themselves. The individual underwriter would insure only a portion of a ship or its goods, with multiple underwriters insuring a single voyage.41

In the years prior to 1720, the networks of merchants, brokers, and underwriters were strengthened as locations such Edward Lloyds Coffee house became hubs for conducting business. These hubs were, however, in their infancy in the early 18th century. There is also
evidence that the marine insurance industry was plagued by numerous bankruptcies, with a reported 150 underwrites failing between 1718 and 1720 alone.\(^{42}\)

The growth in international trade raised the profile and attractiveness of the marine insurance industry. It is unsurprising that numerous merchants and entrepreneurs considered possibilities for innovation through the introduction of a joint-stock corporation. An intersection of interests, including those seeking to innovate financial services, and support private and public economic expansion, alongside speculative impulses of investors looking for further investment possibilities, saw a number of such schemes emerge in the early 18\(^{\text{th}}\) century.

**The incorporation debate**

In 1717, a subscription was opened with the intent of raising £1 million to act as a fund for insuring ships and goods.\(^ {43}\) This venture, which would become the REA, was initially subscribed by 286 individuals. Similar subscriptions were opened the following year, for the LA. Both groups applied to the state for a charter of incorporation. A parliamentary select committee was formed to investigate and debate the arguments around incorporation in marine insurance.\(^ {44}\)

The inquiry occurred in a period of intense political scrutiny surrounding the chartered corporations.\(^ {45}\) A series of parliamentary debates investigated the role and scope of the Hudson’s Bay and Royal Africa Companies. Competing interest groups exploited these debates in attempts to reshape the institutional framework governing the economy.\(^ {46}\) A constant source of contention was the extent to which the corporations’ were seen to support the national interest, both in economic, but also, geo-political terms. Counterclaims about the relative benefits of incorporation and monopoly became dominant themes.

Between 1717 and 1719, a number of petitions in favour of incorporation in the marine insurance sector were submitted to Sir Edward Northey, the Attorney General.\(^ {47}\) In the case of
the LA, initial subscriptions were raised by Stephen Ram and James Colebrook. These were heavily subscribed by significant figures in the London mercantile community such as Jacob Eyles and John Lambert, alongside numerous stock jobbers. To navigate the petition through the parliamentary process it was critical to obtain the support of major political figures, in the case of the LA these included Lord Chetwynd and Sir William Chapman, whilst the REA was organized around Lord Onslow.

The petitions expressed the public and private benefits that incorporation would deliver to shareholders, the insurance industry, trade and the British economy. A corporation would offer a significantly securer organizational base, providing an attractive mechanism for investors to channel funds into the industry. Increasing the scale of capital would expand the capacity of the sector, ultimately increasing Britain’s level of international trade.

The benefits of the corporate form were further broken down. First, it was expected to provide cheaper rates of insurance, in part by removing intermediation (i.e. brokers) from the process. Second, transactions would be easier and quicker, as a merchant could deal directly with a single entity, rather than requiring multiple policies from different underwriters. The promoters expected to insure whole ships, providing a new and easier service to merchants. Similarly, claims against policies would be settled quicker, and the corporation’s separate legal personality would allow merchants to sue the firm in case of dispute, rather than multiple individuals or partners. Finally, the petition argued that those working for the corporation “will be more diligent than single persons, the credit of the corporation depending on it.”

All of these benefits were underpinned by the large capital base, over £1 million, which would ensure all policies could be settled, removing the threat of an individual underwriter being bankrupted and unable to meet the obligations.
In response, merchants and private underwriters submitted petitions against incorporation. On a fundamental level, they presented the corporation as an instrument of stock-jobbers solely interested in profiting from increased share prices, with little care for the effects on the industry or British trade. Three specific arguments were proposed against the corporate model. First, it was claimed that the existing system managed by expert brokers’ generated rates lower than anywhere in Europe, and attracted business from the continent to London. Second, the establishment of a corporation would discourage private underwriters, resulting in knowledgeable individuals exiting the sector, leading to a rise in rates and a loss of this trade to markets such as Amsterdam. Third, it was noted that, “A corporation has no sense of shame, as private persons have … The dispatch of a corporation will not be like that of private persons.” In effect, according to the petitioners, the corporation would, by its very nature, be less efficient than private underwriters.

The threat of monopoly was widely debated. Both factions expected the corporations would capture the whole market, with the private underwriters fearing this would be achieved through monopoly. However, the pro-incorporation group insisted a monopoly was not their aim, and merchants would be free to choose between the corporation and private underwriters. Yet, correspondence between the two, supposedly rival, corporations, indicates that they acted in concert, presumably expecting to form a duopoly once they had received their respective charters. Indeed, private underwriters worried that the two firms would lower prices to such an extent that they would drive competition out of the market, before raising rates once again.

The debate highlighted the trade-offs between the effects of organizational forms on business and economic performance. The scale of capital, separate legal personality, and delegated management were identified as corporate features that could enhance the efficiency of operations, leading to lower rates and expanding the sector both domestically and internationally. Conversely, the petition presented the existing networks of brokers and private
underwriters as highly knowledgeable and capable of efficiently pricing and diversifying risk. Disruption would make the sector uncompetitive. Finally, both petitions explicitly addressed principal-agent problems; one claiming the corporation would incentivise diligence, the other noting the lack of incentive to act with the ‘dispatch of a private person’. A notable omission from the debate, however, was any mention of limited liability, an issue not addressed by either side.

The initial response by the Attorney General towards the charters was unfavourable, stating that the potential upheaval in the market caused by incorporation outweighed the proposed benefits. Yet, the final settlement, encapsulated in the Bubble Act of 1720, was symptomatic of the range of interests involved in these debates. The two corporations received their charters, which prohibited entry of other joint-stock or partnership firms in the sector, but with the crucial provision that private underwriters would remain. However, one of the government’s key interests was revealed, as both firms paid it a fee of £300,000 and made it a loan for the privilege of incorporation. Still, by June 1720 the proposers were formally in a position to start business.

**Establishing a Marine insurance corporation**

The debates established that the directors sought to leverage the scale of capital to achieve lower rates, and dominate the sector. Once in possession of the charter, the directors needed to establish a model of corporate governance, a management structure, and strategy to achieve these ends.

The charter itself detailed the key institutions of corporate governance: a General Court of shareholders that elected and supervised a Court of Directors. The LA had a diffuse shareholder body, with an estimated 570 individual shareholders in 1720. A proportionate voting system was used to elect the Court of Directors from amongst this body which undertook
the day-to-day management of the firm. Directors were required to hold at least 40 shares, and had significantly larger holdings than the average subscriber. They were elected for a 3 year term. The corporate governance structure and practices of the LA clearly copied other large joint-stock companies such as the East India Company (EIC) and Bank of England (BoE).

Meetings of the General Court ostensibly offered the shareholders mechanisms to control the directors, yet effective control over the company lay with the elected directors. The separation of ownership and control was incomplete, with the directors directly managing operations rather than professional managers. To ensure that the directors were able to oversee the operations, the court, which was initially supposed to gather only once per month, rapidly decided to meet weekly. During the South Sea Bubble crash, between 5 and 8 October 1720, it even met daily. No director, however, held any fixed responsibility, with all serving on subcommittees with weekly turnover. The subcommittees were required to provide detailed reports for the Court on a daily basis. The underwriting committee kept precise books of all the assurances taken, and had to explain why it refused any contracts.

The statutes contained clauses that sought to align the interests of the directors with wider shareholder body. Including an ‘oath of fidelity to the corporation […] for the faithful discharge of their offices’. Moreover, they were prohibited to underwrite polices on their own account, to take presents for the ‘affairs’ of the corporation, and to buy shares of the REA.

The directors represented various commercial and political interest groups. As table 1 shows, 24 of the 27 directors had attested connections to other companies, mercantile groups, and political interests: eight directors were connected to the South Sea Company (SSC), with others holding directorships in the BOE, EIC, and Royal African Company. Eight were ‘Turkey merchants’, with interests in the Levant Company, and extensive trading interests in the
Mediterranean and Levant. A further four were Huguenots, with privileged ties to France and other French speaking territories, such as Ostend. Three were part of the Virginia-Maryland mercantile lobby, and at least two were closely connected to the Spanish mercantile community. Indirect connections were also rife; Thomas Vernon, for instance, was the son of an EIC director, the brother of an REA director, and brother-in-law to a SSC director.

Two directors were MPs, whilst William Chapman was a close correspondent of the Prime Minister Robert Walpole. Interestingly, a list of LA directors found in Walpole’s correspondence was annotated with ticks, and whilst the exact meaning of the ticks is unknown, it is plausible that they were indicative of supporters or individuals fit to run for election. Joseph Eyles, who had two ticks, was elected in 1722, and was close to Walpole’s administration.

One of the key challenges facing the management of the company was to mediate between these various groups and provide a system of check and balances to avoid any one group controlling the firm for their own interest. In particular, it was essential to ensure that members of the underwriting committee could not take advantage of their position to grant preferential rates to themselves or to their factions. Clauses in the statues were designed to deal with possible conflicts or deadlocks among the directorate. Any director could summon the court through a note in the London Gazette, “and such directors so assembled shall be deemed to be a Court of Directors and may transact the business of the corporation”. This mechanism can be inferred as serving two objectives: First, allowing the Court, in case of need, to act swiftly by gathering before the scheduled weekly meeting. Second, it prevented a minority from paralyzing decision
making by simply not attending meetings. Other clauses enabled the Court to act as an internal tribunal to “debate” the conduct of a director.\textsuperscript{79}

These governance mechanisms, however, offered limited protection against the directors repressing the interest of minority shareholders. The majority of directors, 21 of the 27 shown in table 1, personally insured lines through the LA.\textsuperscript{80} A number of directors, such as John Richards and Henry Neale, made extensive use of the services, whilst directors including Richards, Lambert, and Eyles accounted for the majority the LA’s business with Spain, Ostend, and the Levant.

There is evidence that some directors proposed clients to the underwriting committee, both in their own name and on behalf of their wider interests. For instance, Thomas Vernon sat on the underwriting committee on 9 July 1721, when it underwrote four risks for himself, two for his fellow director John Richards and two for another client, Richard Chiswell. Chiswell was an MP, a director of the BoE, and also a Turkey merchant like Vernon.\textsuperscript{81} Vernon and Richards were both directors, but also neighbours living in Coleman Street in London, where a third director, Martin, also lived.\textsuperscript{82} That Vernon personally oversaw the covering of risks for himself, for a neighbour and fellow director, and for a fellow Turkey merchant, clearly constituted a potential conflict of interest.

One obvious solution to limit the scope for such conflicts was, at least in theory, to ensure that the underwriting committee was composed by members drawn from different groups or factions. However, in practice, the committee was plagued by regular absenteeism. In the case of Vernon, three out of the five members of the committee were absent that day. Beside himself, there was only one other director, Richard Stratton, present on the committee. Yet, Stratton was also a fellow Turkey merchant, and insured his own ships with the LA. His presence on the committee exacerbated the potential conflict of interest, rather than mitigating it.
In an attempt to fight absenteeism, the corporation paid 5 shilling to each member of the Court or the Committees for each session they attended. The payment was likely remuneration for travel expenses, but can also plausibly be interpreted as a mechanism for fictionalising the separation between owners and managers, with directors receiving the money to denote and remind them of their managerial role and responsibilities to the wider company. Either way, it is unlikely that the 5 shillings effectively had a significant impact on the director’s behaviour.

The issue of absenteeism became a significant problem for the company. Many of the directors simply did not have the time to dedicate the required attention to the company’s affairs. Directors such as Sir William Chapman, John Lambert, and Joseph Eyles were prominent figures of the London business community. Nearly half of the directors sat on other boards, with three sitting as MPs, while the majority had other significant mercantile interests that made claims on their time. Directors that hold at least two other attested significant roles (director, MP, or major commercial interest) alongside their position in the LA can be classified as busy. In this case, 10 out of 27 directors were ‘busy’, and unlikely to regularly attend the various weekly subcommittees that ran the day-to-day operations of the company.

The underwriting committee, which met twice daily for a total of five hours, was particularly time consuming, and absenteeism immediately became a major problem. In the first week of operation (4th July 1720), John Lambert was almost always absent, and when not absent he arrived late. Out of five members, only two did not have at least one day of absence. There were instances when a director never attended.

Absenteeism not only plagued the committees, but the Court itself. To counter it, directors arriving more than one hour late, or leaving before the end of the meeting, would forfeit the five shillings. Moreover, to encourage full concentration on the company’s business, and avoid distractions, it was “ordered that no coffee or tea be carried into the room where the
Courts of directors are sitting” and that a doorkeeper should prevent any outsider from “interrupting”. There is ample evidence that these procedures had limited success, and absenteeism remained a constant issue. In the most extreme case, a director could lose his position; a fate which befell Sir Francis Chester who was absent “without leave” forty days in a row.

Finally, whilst there had been no explicit mention of limited liability in the debate, a regime of pro rata limited liability was established in the articles. This made shareholders liable for company debt in proportion to their shareholding. In the 1720s few constitutions included any clauses to limit liability. The decision to include any such stipulation indicate a sensibility towards the protection of shareholders. Such a regime, however, clearly burdened larger shareholders and, therefore individuals more likely to be directors.

Creating a strategy and structure

The directors of the LA had an existing model of corporate governance they could draw on, but they did not have a blueprint for the organization and management of a joint-stock firm in marine insurance. In the 17th century, the joint-stock form had primarily been utilized by long-distance trading companies operating under chartered monopolistic conditions. The marine insurance industry presented a different market structure and competitive dynamic, for which there was no clear existing management model for a large joint-stock firm.

In its first two meetings, on the 24th and 28th June 1720, the Court attempted to structure the organization. The sub-committees responsible for the day-to-day business were defined: treasury, adjustments, accounts and, above all, the “committee for underwriting policies”. The firm recruited a number of ‘inferiour officers’, but these had no power of decision, performing only administrative duties. One clerk was appointed ‘to keep the shipping ledgers’ of the underwriting committee, whilst other clerks were responsible for the accounts. The Court also
ordered that “lists [presumably of ships], Lloyd’s list, bills of entry, gazettes and other newspapers [should] be constantly taken in”,\textsuperscript{95} to ensure that all publicly available information on shipping and commercial markets was available to the directors.\textsuperscript{96}

Many directors were experienced marine insurers, so the problem was not about understanding the business \textit{per se}.\textsuperscript{97} The problem was how to conduct the business in a corporate rather than private way. The directors needed to implement a management structure that would effectively link the court to the various committees – in particular the underwriting committee – achieving effective policy and decision making. The committees reported regularly to the court; in the case of the underwriting committee this included reports on lines covered, amounts, and rates. It was, however, initially unclear where ultimate authority and decision making powers lay.\textsuperscript{98}

The directorate does not seem to have explicitly stated a general strategy about customer acquisition and the best way to leverage the advantages of the corporation. The \textit{Abstract book} and \textit{Minute book} of the Court contain a plethora of clauses relative to the corporate organization, absenteeism, etc., but one looks in vain for a statement on strategy, assessing risks, the market, or the competition. A strategy only evolved at a later stage, as the result of internal debates among the directors. The underwriting committee simply opened for business on the 4\textsuperscript{th} July 1720.\textsuperscript{99}

The first line was proposed on the 6\textsuperscript{th} July 1720, and each proposed line was recorded in the marine register.\textsuperscript{100} The register included the date, name of the merchant, name of the ship, point of departure, point of arrival, any points at which the ship would stop, the amount insured, the premium rate, and the level of coverage. There were also comments for refusing a line or noting factors that affected the rate. This data can be used to identify patterns in the geographic coverage, premium rates, and levels of coverage, to reveal the strategic preferences of the directors.
Between the 4th July and 31st December 1720, 806 lines of insurance were proposed. Of these lines, 87 had incomplete information, missing either the destination, arrival, amount or rate. A further 47 lines were refused, and 53 lines were recorded as additional cover on existing policies. These have been removed but the additional amounts added to the original policy. A total of 187 lines were removed, leaving 619 lines for analysis.

Each lines’ departure and arrival point has been categorized into geographic regions: GB, Western Europe, Africa, Caribbean, China, India, Ireland, Middle East and Levant, North America, North Europe and Scandinavia, South America. This data, shown in table 2, found that departures and arrivals to and from British ports accounted for 72 per cent of all the lines insured in this period. The routes to Western European ports, with around 39 per cent of all lines, were the dominant routes insured by the company. Northern Europe with 7 per cent, North America at 6 per cent and the Caribbean with 6 per cent, were the other major areas of business.

The remaining 28 per cent of lines were cross-risks, or lines made where neither the departure nor arrival port was the company’s home city, London. A further distinction can be made between cross-risks where the other cities were in Britain and those entirely outside the GB. Of the 233 Cross risks, 60 were to or from British ports outside London, leaving a 173 non-British cross risks, or 28 per cent of all the lines insured. Within the cross risks a number of routes were significant; those arriving and departing within Western Europe, routes between Western Europe and South America, and those departing from Ireland.
Table 3 shows that across the 619 lines a total of £423,727 was insured. The highest single line insured was for £8,000 on an Ostend - Asia route. The lowest was £25 on a London to Hamburg voyage. The mean average was £686 per line. The average rate was 2.93 per cent, ranging from 12.9 per cent, again on the Ostend to China route, to 1 per cent for various GB to Western Europe routes. Cross-risks accounted for 34 per cent of the total value insured. They yielded higher than average rates, with non-GB cross risks averaging 4.3 per cent.

Within these non-GB cross-risks a number of extremely lucrative routes can be identified. Departures from Western Europe to China and India, dominated by ships leaving from Ostend, provided over 5 per cent of the total amount insured, with average rates of 11.3 per cent. These were predominantly insured as round trips, with the rate encompassing the return journey between Europe and Asia. Similarly, Western European ports to South America, mostly Cadiz and Oporto to Buenos Aires and Vera Cruz, accounted for 9 per cent of the total coverage insured, with rates of 2.98 per cent on the outward journeys from Europe and 5.96 per cent on the inbound. The LA charged higher than average rates on these routes and were offered higher levels of coverage.

There is ample evidence that the LA was heavily reliant on its directors and their networks to start and develop its business. The directors business amounted to 156 lines, or 25 per cent of all lines insured, for a total value of £152,789, or 36 per cent of the total coverage. They also accounted for 38 per cent of the lucrative non-GB cross-risks. For example, Joseph Eyles took
out 5 lines on London to Aleppo and Smyrna routes, but the value of these lines was £25,000, nearly 6 per cent of the total coverage.\textsuperscript{102}

\textbf{An evolving strategy}

The directors and their networks represented a precious asset for the company, but they did not constitute a captive market: the firm still had to propose competitive rates. Pricing of the premiums was a major issue from the very beginning of operations. On the 7th July 1720, the LA “refused” its first risk, a ship from East India to London at 5 per cent, which, according to the ledger, the company would have taken the risk at 6 per cent. On the 12\textsuperscript{th} July, it refused several other ships on the same East India route.\textsuperscript{103}

The firm was caught between two conflicting requirements: First, restricting the flexibility granted to the underwriting committee, so as to limit potential conflicts of interests. Second, being flexible enough to be able to compete and gain market share. At first, the board simply decided to set premiums guidelines. On the 13 July 1720, William Chapman provided a ‘memorandum’ indicating the ‘main rates’.\textsuperscript{104} In November, the Court asked the underwriting committee “to prepare a list of voyages and what premium they think proper on each and make as just a distinction as they can between ships and seasons.”\textsuperscript{105} The problem was what to do with these guidelines: should they be rigid, providing tight control over risks, or flexible, focused on raising market share?

There is evidence that during the first months of operation there was some scope for a competition-oriented approach to rates.\textsuperscript{106} Around mid-1721, though, this flexible approach started to become a more rigid policy, with a clear priority given to risk control. The profitable Ostend market was the first target of the new policy. Ostend ships, traveling to the East Indies, represented lucrative, but risky contracts, as they were considered interlopers by Britain and Holland.\textsuperscript{107} In June 1721, the Court of directors decided that the underwriting committee could
no longer grant insurances on these ships without its ad hoc permission. The English market was the second target. In the same month, the Court ruled that no insurance should be taken under 42 shillings per cent on the lines between London and other English ports, “even upon the best ships”.

Strict limits on the rates were imposed on all lines by the end of 1721, with numerous examples of policies turned down because the client was asking rates that were below the levels that the underwriting committee could accept. However, the company had not entirely given up its objective of being competitive, and there was still scope for some flexibility. Yet, it is significant that control over these decisions had been taken away from the underwriting committee and given to the court. In December 1721, for instance, the director David Martin appealed to the court to insure £1,000 on a ship sailing from Leghorn to London at 30 shillings per cent; the court accepted, adding, however, that for larger sums on the same ship the premium rate should not be fewer than 40 shillings.

Besides the premiums, the total amount insured per line presented a further policy dilemma. A risk-averse approach was also adopted in this regard. In December 1720, the firm took a key decision, when William Chapman passed to the underwriting committee a lucrative contract for two Spanish ships sailing from Buenos Aires to Cadiz for a total of £20,000. The committee, declaring that it was “concerned” by the size of the contract, asked advice from the Court. The sum was equivalent to two per cent of the firm’s nominal capital: a significant, but not an extravagant risk. Yet, the Court did not follow Chapman’s proposal, and decided instead to underwrite £4,000 on each of the ships.

By the end of 1721, the strategy to exploit the scale of the capital by offering large single lines of insurance and low premiums was now difficult to execute. In terms of scale, though, it is worth noting that the LA appears to have provided larger than average lines of insurance. John
noted that the average line among private underwriters was £50 to £100 in 1700, and double that in 1750.112 Even taking £200 as a benchmark, the LA’s average of £686 was significantly higher. In the first six months of operation, 115 lines were covered, with values between £1000 and £5000, with a further 5 lines valued up to £8000. Yet, increasingly rigid rules curtailed the freedom of the underwriting committee to accept such large lines.

The sources indicate that in its first six months of operations the LA was able to insure a wide-geographical range of lines. Whilst the majority of the business was in the intra-European and North America routes, where high levels of competition led to low rates, a significant proportion was in more lucrative cross-risk lines. Through the directors’ networks the firm was able to pursue profitable opportunities, particularly on Asian and South American routes. Why, in spite of these opportunities, did the Court of Directors arrive at the decision to reduce the flexibility and competitiveness of the underwriting committee?

**Explaining these outcomes**

Contrary to the argument about asymmetric information, the scope of the business indicates that the LA did not immediately suffer from a significant information deficit. In the first years, before Lloyd’s became an information powerhouse, the LA may even have had an information advantage over private underwriters. The firm could benefit from the aggregation of the networks and knowledge of the many well-connected merchants and businessmen that composed its directorate, and it also systematically collected all publicly available information on shipping and trade. It is debatable if many private underwriters in 1720 would have had access to such a wealth of news and contacts.

If the firm did not immediately suffer from an information deficit, what then prevented it from capturing a larger share of the market? In light of the stated aims of the subscribers in the incorporation debate, why didn’t the directors leverage the LA’s key competitive advantage,
the scale of its capital, to insure large sums and whole voyages? Why, contrarily to what private underwriters had feared, didn’t the LA also use its capital to finance a short-term aggressive pricing policy to systematically undercut the competition? Why did the directors adopt a risk-averse strategy?

It has been argued that the directors never intended to develop a viable marine insurance business, and rather sought to use the capital for other stock-jobbing purposes or to pay down the government fees stipulated in the charter. A conservative strategy would have, then, been a natural outcome. Yet, two factors refute this argument. First, the size of the business and breadth of lines contracted in the first year indicates that the LA seriously attempted to establish a competitive venture. Second, it was a common strategy among insurance companies to manage their capital proactively through investments. A strategy also adopted by other firms in this period. In this respect, the portfolio of securities and loans does not appear overly speculative, and significant capital was deployed in the underwriting business.

The sources analysed in this article show that the risk-averse strategy for premiums and level of coverage emerged over time, on a case-by-case basis, as a consequence of the balance of power within the Court of directors. Despite the attempts to build a competitive position in 1720-21, and despite the availability of capital and knowledge, the directors progressively arrived at the decision to not pursue the risky and demanding task of capturing a large share of the marine insurance market. It is important to note that the court did not unanimously agree with this decision. On the contrary, evidence suggests that there were debates between ‘hawkish’ directors (including Chapman, Martin, and Neale), advocating a more aggressive approach focused on higher risk and value policies, and ‘doves’, advising a more prudent course of low risks and steady returns. Through these debates, a collective preference in the court of directors, and likely also in the General court, emerged for the low-risk approach.
This outcome can plausibly be explained as a function of the three corporate governance challenges identified in the article. First, a very competitive strategy, based on low premiums and insuring whole ships, may have increased market share, but there is no doubt that it would have greatly benefited those directors, and their factions, using the LA to insure their own ships. The threat of minority oppression would explain the risk-averse strategy as a mechanism to check the efforts of a small group of directors from using the company’s assets for their own benefit.

This possibility was on the minds of many in 1720 and 1721, due to the crisis triggered by the South Sea Bubble. Contemporaries almost unanimously considered that a ‘junto’ (inner ring) of reckless and unchecked directors had been the main culprit for the South Sea debacle.116 It is plausible that some of the LA’s directors and shareholders were wary of seeing a similar junto, possibly formed by the hawkish directors, develop inside the firm. Indeed, the widespread use of governance mechanisms such as elections and term limits for directors indicate the wider concerns with threats of business capture and minority oppression. Whilst these mechanisms offered theoretical scope to restrict these outcomes, reality was more problematic. Proportionate voting, stock qualifications, and control of the General Court’s procedures, gave large shareholders and incumbent directors great scope in controlling access to the Court of Directors.117 In the case of the LA, stringent regulations around risk were important additional mechanisms to prevent opportunistic behaviour amongst the directors.

Second, there were problems with the implementation of a competitive strategy. This would have required careful and constant monitoring of the market and the capacity to respond rapidly to changing conditions. Although mechanisms to provide oversight and control of the underwriting committee through the Court were theoretically in place, the large-scale absenteeism of the busy-directors undermined their effectiveness, disrupting the balance of interests and capacity to monitor operations. Without delegated management, or directors fully
committed to the task of overseeing the company, a prudent strategy with fixed rates and rules on coverage became a logical development to reduce the impact of busy or absent directors.

Finally, the pro-rata limited liability regime was a threat to the larger shareholders in the event of bankruptcy. An overly aggressive strategy increased the levels of the company’s capital exposed to riskier lines, amplifying the potential for such a catastrophic outcome. As directors tended to be larger than average shareholders, it is logical that some were incentivised to introduce a risk-averse strategy and reduce their personal exposure. The strength of this argument is limited, however, as some directors clearly favoured a more aggressive strategy.

The directors experimented with the management structure and processes, seeking to balance the need for the underwriting committee to be responsive, whilst preventing it from being captured by a dominant shareholder group. Collective control over insurance risk emerged as the best solution to prevent opportunistic behaviour. As the directorate did not meet daily, collective control could not be achieved via timely feedback from the committee and direct oversight. Instead it was achieved via a system of inelastic rules on premiums and sums insured. The underwriting committee was kept on a short leash, preventing any single director or faction from acting independently and pursuing their own interests during their turn.

Moreover, two further issues plagued the committee: first, a lack of specialization and continuity because of the weekly shifts in personnel; second, chronic absenteeism. The most experienced and knowledgeable directors were, therefore, not systematically ensured to be present when meeting clients and assessing the risks. This restricted the efficiency of the LA’s underwriting committee, whilst limiting its capacity to leverage the knowledge of the directors. Conversely, overtime private underwriters increasingly benefited from network effects derived from the nascent Lloyds set-up.
Rigid rates and the tight supervision exercised by the court limited possible conflicts of interest, but severely reduced the LA’s capacity to respond rapidly and meet the needs of potential customers. As a result, the underwriting committee, the linchpin of the whole business, lacked autonomy. This was a serious drawback in a very competitive market such as marine insurance.

**Conclusion**

Previous explanations of the relative failure of the British marine insurance corporations have claimed the business model of the private underwriters, in particular the capabilities developed by Lloyd’s, as superior in reducing the effects of asymmetric information, making them more competitive. By contrast, this article demonstrates that after incorporation the LA did not suffer from an information deficit that precluded successful competition with the private underwriters. Instead of an *a priori* worse business model, the article identifies a period in mid-1721, towards the end of the first year of operations, when the directors intentionally adopted a risk-averse strategy.

Whilst previous research has noted the great caution with which the LA approached the market, it has not provided a full explanation as to when and why this risk-averse approach was adopted. This article shows that the strategy was a by-product of efforts to develop governance mechanisms to reduce the scope for minority oppression, in the absence of full limited liability, and to limit the effects of significant levels of absenteeism amongst busy directors on the management of the firm. This resulted in a suboptimal management structure that constricted the underwriting committee through rigid rules and supervision, which severely limited its capacity to exploit the firm’s capital advantage and drive the private underwriters out of the market.

Conversely, the nascent Lloyd’s network was given the time and opportunity to establish the organisational capabilities that would later become so effective in addressing the ‘lemons’
problem. It is likely these factors became increasingly important in explaining the ongoing failure of the corporations to grow their market share, as the scale and geographic reach of the marine insurance industry expanded over the century, exacerbating the problems of asymmetric information.

These findings have wider implications for the debates on the evolution of the corporation. The 1720 Bubble Act is generally regarded as a major restriction on the proliferation of the joint-stock form in the 18th century.\textsuperscript{118} Whilst the Act played a role, it certainly does not constitute the only explanation. In particular, the Bubble Act cannot explain the declining interest in the joint-stock form in the rest of Europe in the years after 1720.\textsuperscript{119}

The case of the LA supports explanations that identify the post-1720 decline in the number of the incorporated firms was, in part, a response to the inherent governance problems of the corporate form. This was a period when investors and entrepreneurs became increasingly cognizant of the governance and organizational challenges of implementing shareholder democracies, the decision making problems associated with owner-directors, and issues of leveraging the corporations’ advantages to compete in diverse industries.

Needless to say, further research is necessary to advance this hypothesis. However, evidence points to similar difficulties experienced by joint-stock firms floated across Europe in 1719-1720.\textsuperscript{120} The evolution of the Stad Rotterdam, a marine insurance firm launched in Rotterdam in 1720, is strikingly similar to that of the LA, with an increasingly conservative strategy imposed on the underwriters in 1722.\textsuperscript{121} The challenges of governance provide more robust hypotheses than the Bubble Act, to explain the decline across Europe, and not simply in Britain.

This opens new questions and perspective. The ‘corporate revolution’, begun by the institutional breakthroughs of the 17th century, was far from complete in the 18th century. Its completion required not only further legal developments, to strengthen limited liability and the
protection of investors, but also managerial experimentation to identify governance and organizational structures to more effectively leverage the form’s advantages in different industries.
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Anderson, *An historical and chronological deduction*, [1762] 1801, III, p. 103 sq. provides the most complete list of 1720 English joint-stock companies.

John Aislabie, Chancellor of the Exchequer in 1720, claimed the two marine insurance firms were: “founded in greater iniquity and contributed more to the publick calamity than anything else.” Quoted in Scott *Constitution* p. 405. Bogatyreva, “England 1660–1720: Corporate or Private?” p.198, expanded these claims, “the projectors were not aiming to revolutionise marine insurance for the benefit of trade and the nation; they were simply after profit.”

Supple, *The Royal Exchange Assurance*, p.3.


Condorelli, “The 1719-20 stock euphoria: a pan-European perspective.”


An Anglo-Dutch trading fleet was attacked by the French with over 90 ships sunk and 40 captured. In Britain it was estimated to be the biggest financial loss since the Great Fire of London.


The select committee had a wide remit to look at other subscriptions in life and fire insurance, and to investigate the use of old charters for new purposes.


Pettigrew, “Regulatory Inertia and National Economic Growth.”


Bogatyreva, “England 1660–1720: Corporate or Private?” frames the debate as an effort by the proposers to secure personally profitable opportunities, whilst presenting the outcomes in terms of the national interest.


LMA CLC/B/192/MS08760 Summary of the petitions by Edward Northey, p.25. “the insurance will be quicker, there being only one subscriber, which will be done at once. Whereas by the method now used (...) the office-keepers are to pick up the insurers here and there as they can.”

LMA CLC/B/192/MS08760 Summary of the petitions by Edward Northey, p.26

Ibid.

LMA CLC/B/192/MS08760, ‘Special report from the committee,’ p. 30.

LMA CLC/B/192/MS08760 Summary of the petitions by Edward Northey, p.27.

Ibid.

Ibid.

LMA CLC/B/192/MS08760, p. 21. “[the market for marine insurance] may be so managed [by the new company] as entirely to fall into the corporation, to the great disappointment of the bold traders.”


The large limited liability clauses in their constitution.

The commencement of business.

Of the remaining 619 lines, some appear to be additional coverage on existing policies. However, it is difficult to find a clean method to sort them. In many cases the names of the ship and journey details are the same but the dates and the name of the merchants on the line are different. There are two likely explanations for this. First, they were additional cover on the same journey, taken at a separate date. Second, they were different merchants insuring.

LMA CLC/B/192/MS08760 Summary of the petitions by Edward Northey, p.27.
LMA CLC/B/192/MS08760 Summary of the petitions by Edward Northey, p.27
LMA/CLC/B/192/MS30488, “account of shares”, an account of early shareholders and shares.

Votes ranged from £500 1 vote, £1000 2 votes, £3000 3 votes, and was capped at £5000 4 votes.

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LMA CLC/B/192/MS30488, Marine Register 1720-21.
goods on the same ship. In either case, there is a potential overestimation in the number of separate journeys insured by the company.

102 These estimates do not necessarily account for the business undertaken by individuals in the directors’ various networks, potentially accounting for a much larger portion of the total business.

103 LMA CLC/B/192/MS 30488, Marine Register 1720-21, 12 July 1720.

104 LMA CLC/B/192/MS 30488, Marine Register 1720-21, 13 July 1720


106 See, for instance, the significant variation in the rates offered on European journeys in July 1720: LMA/CLC/B/192/ MS 30488.


108 LMA/CLC/B/192/MS 8729/1, p. 152, 28 June 1721.

109 LMA/CLC/B/192/MS 8739, Minute Book, for example 1st September 1722 (to Alicante), 5 September (Venice), 7 September (Denmark and Norway)

110 LMA/CLC/B/192/ MS 8739, Minute Book, 6 December 1721.

111 LMA/CLC/B/08729/1, Opinions of Council, p.74.


114 Supple, The Royal Exchange Assurance, p.73, found that both firms held BoE and SSC stocks, and EIC bonds and annuities. John, “Insurance Investment and the London Money Market of the 18th Century”, pp.148-149, found that by 1726, the LA had a total of £43,590 in loans.

115 Wagner, The English Chartered Trading Companies, p.111, identified the proactive management of securities by the Hudson’s Bay Company.


118 In contrast, Turner claims this it is a “popular yet mistaken belief is that the Act hindered the development of the corporate form in England and set financial capitalism in England back by a century.” Turner, ‘The Development of English Company Law before 1900.’


120 Many incorporated firms in 1719-1720, such as Vienna Company, the Milanese Casa di San Giuseppe, and the Lorraine Company, quickly failed. Other firms, such as the Venetian trading Company, and the Kassel Kommerzbank achieved far lower returns than expected. Condorelli, The 1719-20 stock euphoria: a pan-European perspective.

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