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密等及解密條件或保密期限：

附件：如說明 (ZG1151018414-0-0.pdf、ZG1151018414-0-1.odt、ZG1151018414-0-2.pdf)

主旨：檢送秘魯於亞太經濟合作(APEC)提出「電子提單對貨物便捷通關影響：針對外貿業者」計畫問卷內容，請於115年7月31日前完成線上問卷填寫，請查照。

說明：

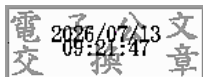
- 一、依據APEC關務程序次級委員會(SCCP)115年6月29日電子郵件(附件1)辦理。
- 二、秘魯於SCCP提出旨揭計畫並邀請各經濟體填復問卷(附件2：中英對照內容)，盼蒐集電子提單(electronic Bill of Lading, E-BL)法制準備程度、技術支援條件及預期影響評估等資訊，釐清推動區域貿易數位化之具體效益、所遇挑戰及相關需求。頃獲SCCP通知轉發該問卷，邀請公私部門之利害關係方包括港務主管機關及航運、貨運承攬、報關、進出口、銀行/金融與保險等產業公會填寫，以協助進行完整之區域現況診斷。
- 三、請依貴管於旨揭日期前逕至下列連結填寫問卷
(<https://forms.cloud.microsoft/pages/responsepage.aspx?>

id=8dL_HWPBiUqcrZGfiC9ggIYVUiz3kv1CqmJ0uhsCrkNUOEZQ
W1VVSvBRQUhQWTNjMzdFRUxVN0JDRI4u&route=shorturl),

並電郵本署相關答復資料，至鈞公誼。

正本：交通部航港局、中華民國輪船商業同業公會全國聯合會、基隆市國際輪船商業同業公會、台北市輪船商業同業公會、高雄市國際輪船商業同業公會、中華民國船務代理商業同業公會全國聯合會、臺灣省船務代理商業同業公會聯合會、基隆市船務代理商業同業公會、台北市船務代理商業同業公會、台中市船務代理商業同業公會、高雄市船務代理商業同業公會、花蓮縣船務代理商業同業公會、台北市海運承攬運送商業同業公會、中華民國報關商業同業公會全國聯合會、基隆市報關商業同業公會、台北市報關商業同業公會、新北市報關商業同業公會、桃園市報關商業同業公會、臺中市報關商業同業公會、高雄市報關商業同業公會、宜蘭縣報關商業同業公會、花蓮縣報關商業同業公會、中華民國全國工業總會、台灣省進出口商業同業公會聯合會、台北市進出口商業同業公會、高雄市進出口商業同業公會、中華民國銀行商業同業公會全國聯合會、中華民國產物保險商業同業公會

副本：



From : Subcommittee on Customs Procedures <SCCP@apec.org>

To :

Cc : Ingrid Huapaya Puicon <ihuapaya@mincetur.gob.pe>;
servicios_dfce13<servicios_dfce13@mincetur.gob.pe>;
Subcommittee on Customs Procedures<SCCP@apec.org>;

Subject : [external mail][For Action: DL 31 July] Invitation to Complete the Survey - APEC Project “Impact of the Electronic Bill of Lading on the Expedited Clearance of Goods: Implications for Foreign Trade Operators”

Date : 2026-06-29 08:29 (2026-06-30 17:59:48開啟)

Folder : 政府信件匣

Sent on a bcc basis

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On behalf of the Project Overseer (Peru)

Dear SCCP members,

Peru is pleased to invite all economies to participate in the survey for the project “Impact of the Electronic Bill of Lading on the Expedited Clearance of Goods: Implications for Foreign Trade Operators” ([SCCP_203_2025A](#)). This initiative aims to accelerate the adoption of the electronic Bill of Lading (e-BL) by assessing its potential impact and implementation feasibility among international supply chain stakeholders. The project seeks to identify the specific benefits, obstacles, and requirements needed to advance trade digitalization across the region.

The survey focuses on gathering information regarding legal readiness, technological enablers (interoperability, digital identity, and data security), and the perceived impact of e-BL on operational costs and cargo clearance times.

The link to the survey is as follows: [Impact of E-BL on Expedited Clearance of Goods: Implications for Foreign Trade Operators: Rellenar formulario](#)

Important Note: To ensure a comprehensive regional diagnostic, we kindly request that this survey be circulated and completed by both relevant public sector authorities (e.g., Customs and Port Authorities) and private sector associations representing key stakeholders within your economy, including shipping lines, freight forwarders, customs brokers, importer associations, exporter associations, banks/financial institutions, and insurance companies.

The deadline to receive the answers is **July 31, 2026, at 00.00 hours Singapore Time (SGT)**.

Your participation is a significant asset to our discussions and will directly inform the outcomes to be presented at the Technical Workshop in Dalian, China.

We look forward to your response.

Regards,

Project Overseer Team
Ministry of Foreign Trade and Tourism (MINCETUR), Peru

Impact of E-BL on Expedited Clearance of Goods: Implications for Foreign Trade Operators

電子提單對貨物便捷通關影響：針對貿易業者

This survey aims to assess the status, impact, and feasibility of the electronic Bill of Lading (E-BL) across APEC economies, enabling a comparative and diagnostic analysis of adoption and barriers.

本問卷旨在評估亞太經濟合作（APEC）各經濟體電子提單（Electronic Bill of Lading, E-BL）之採用現況、影響及推行可行性，俾利進行 E-BL 採用情形與推行障礙之比較性及診斷性分析。

The questions are addressed to key stakeholders involved in international trade and logistics processes, including both public and private sector actors. **The survey has been designed to be answered in full by all stakeholder categories.**

本問卷填答對象為參與國際貿易及物流程序之重要利害關係人，包括公私部門相關單位。問卷設計可由各類利害關係人完整填答。

Where a question is not applicable or the respondent is unable to provide an answer, the option “Not applicable” may be selected or the question may be left blank.

若某題目不適用於您的情況，或您無法提供相關資訊，可選擇「不適用」選項，或將該題留白。

Respondents are expected to have knowledge of bill of lading (BL) and E-BL practices, as well as awareness of initiatives and regulatory or operational conditions within their organization or economy. 填答者應具備提單（Bill of Lading, BL）及 E-BL 相關實務知識，並瞭解其所屬組織或經濟體於相關倡議、監管規範或作業情形。

This questionnaire has been divided into the following sections:

Section I: General information

Section II: Current level of E-BL adoption

Section III: Perceived impact and barriers

Section IV: Requirements for scaling up E-BL adoption

本問卷分為以下 4 個部分：

第一部分：基本資料

第二部分：E-BL 採用現況

第三部分：對 E-BL 影響與推行障礙之認知

第四部分：擴大 E-BL 採用所需條件

Types of questions

Closed question format. A limited set of predefined answers is provided for respondents to select the most appropriate option (e.g., multiple choice or structured ranges such as percentage of E-BL use).

Likert scale questions. Respondents assess the level of impact or the significance of barriers using a defined scale.

Open question format. Respondents are invited to elaborate on their answers, including details on initiatives, challenges, or recommendations.

Additional comments. Allows respondents to provide further context, examples, or relevant information.

題型說明

封閉式題目：提供有限且預設之選項，供填答者選擇最符合其情況者（例如：選擇題，或區間式選項如 E-BL 使用比例等）。

李克特量表題：填答者依據既定量表，評估影響程度或各項障礙之重要性。

開放式題目：填答者可針對其回答進一步說明，包括相關措施、所遇挑戰或建議等。

其他意見：填答者可提供進一步之背景說明、實際案例或相關資訊。

Main Definitions

Bill of Lading (BL). A document that serves as proof of a maritime transportation contract, acknowledges receipt of goods, and functions as a document of title.

Electronic Bill of Lading (E-BL). The digitalized version of the traditional paper-based BL, issued, transmitted, stored, and handled electronically.

Digitization. The process of converting data from physical or analog formats into a digital format that can be processed, stored, and transmitted electronically (e.g., a scanned document in PDF format).

Digitalization. Involves leveraging digital technologies to process data and transform operations, eliminating the need for paper-based documents (e.g., E-BL).

主要名詞定義

提單：指作為海上運輸契約證明、確認承運人已收受貨物，並具備物權憑證功能之文件。

電子提單：指傳統紙本式提單之電子化版本，以電子方式簽發、傳輸、儲存及處理。

資料格式之數位化（Digitization）：指將資料從實體或類比格式轉換為可供電子處理、儲存及傳輸之數位格式之過程（例如：將紙本文件掃描為 PDF 檔）。

作業流程之數位化（Digitalization）：指運用數位技術處理資料並改變作業流程，以取代對紙本文件之需求（例如：採用 E-BL）。

Please make sure the Survey is delivered to us no later than **July 31, 2026**, at 00.00 hours Singapore Time (SGT).

敬請於 2026 年 7 月 31 日 新加坡時間（Singapore Time, SGT）00:00 前提交本問卷。

Section I. General Information

第一部分 基本資料

1. * Name 姓名

Include title (e.g. Mr, Mrs, Mss). 請包含稱謂（例如：先生、女士、小姐等）

輸入您的答案

2. * Position 職稱

輸入您的答案

3. * Organization 所屬機關/組織

輸入您的答案

4. * E-mail 電子郵件

輸入您的答案

5. * Select your home economy 請選擇您所屬 APEC 經濟體

Chinese Taipei

6. * Role or service delivered by your organization? 您所屬機關/組織提供之角色或服務為何?

選取您的答案

SECTION II. Current level of E-BL adoption

第二部分 E-BL 採用現況

7. * Which type of BL do you primarily work with in your operations?

您在作業中主要處理哪一類型 BL?

Answer all subsequent questions based on the type of BL selected in this question. If not possible, specify why.

請依據本題所選擇 BL 類型回答後續所有問題。如無法依此回答，請說明原因。

- ☐ Master BL 主提單
- ☐ House BL 分提單
- ☐ 其他

8. * What format of BL is currently used in your organization's operations?

您所屬機關/組織目前作業中使用何種格式 BL?

- ☐ Paper-based 紙本格式
- ☐ Digitized (e.g. PDF) 數位化格式（例如：PDF）

- ☐ Hybrid (paper + PDF + E-BL) 混合格式 (紙本+ PDF + E-BL)
- ☐ Fully digitalized (E-BL) 完全數位化 (E-BL)

9. What is the expected timeline for large-scale E-BL adoption in your organization?

您所屬機關/組織預計大規模採用 E-BL 之時程為何？

- ☐ 1–2 years 1–2 年
- ☐ 3–5 years 3–5 年
- ☐ More than 5 years 超過 5 年
- ☐ Not foreseeable 尚未明確

SECTION III. Impact and barriers of E-BL on trade operations

第三部分：E-BL 對貿易作業之影響及障礙

10. * Based on your experience and knowledge, assess the extent to which the use of E-BL, compared to the traditional/digitized (PDF) BL, delivers the following benefits.

根據您的經驗與知識，相較於傳統/數位化 (PDF) BL，評估 E-BL 於以下效益之程度。

	1. Strongly Disagree	2. Disagree	3. Not significant difference	4. Agree	5. Strongly Agree
E-BL reduces operational costs	☐	☐	☐	☐	☐
E-BL reduces processing and clearance time	☐	☐	☐	☐	☐
E-BL improves security of transactions and reduces fraud risks	☐	☐	☐	☐	☐
E-BL improves predictability in logistics operations	☐	☐	☐	☐	☐

11. Are there any other significant benefits perceived from achieving the implementation of 100% E-BL?

您認為 100% 實施 E-BL 是否具其他重大效益？

If yes, specify them and assess the extent to which the use of E-BL, compared to traditional or digitized (PDF) BL, contributes to these benefits, using the same scale provided in the previous question.

若是，請具體說明，並使用前一題所提供量表，評估 E-BL 相較於傳統或數位化 (PDF) BL 之使用對此類效益之貢獻程度。

輸入您的答案

12. * Based on your experience and knowledge, assess the extent to which the adoption of the E-BL is limited by the following barriers:

根據您的經驗與知識，評估採用 E-BL 遭遇下列障礙之程度：

	1. Not a barrier	2. Low barrier	3. Moderate barrier	4. Significant barrier	5. Critical barrier
Interoperability between E-BL platforms/systems	☐	☐	☐	☐	☐
Cybersecurity concerns	☐	☐	☐	☐	☐
Lack of digital identity and authentication mechanisms within E-BL platforms/systems	☐	☐	☐	☐	☐
Lack of legal recognition of E-BL/ uncertainty of legal validity	☐	☐	☐	☐	☐
Lack of harmonized legal functional equivalence requirements	☐	☐	☐	☐	☐
Lack of legal recognition of foreign E-BL	☐	☐	☐	☐	☐
Limited digital literacy	☐	☐	☐	☐	☐
Resistance to change within organizations	☐	☐	☐	☐	☐
Limited coordination among public and private stakeholders	☐	☐	☐	☐	☐
Lack of clear institutional leadership or governance framework for E-BL implementation	☐	☐	☐	☐	☐
Limited integration of E-BL into existing trade and logistics workflows	☐	☐	☐	☐	☐
Lack of standardized operational procedures for E-BL use	☐	☐	☐	☐	☐

13. Are there any other major challenges affecting the implementation of E-BL?

是否有其他影響 E-BL 實施之主要挑戰？

If yes, identify them and assess the extent to which each challenge limits the adoption of E-BL, using the same scale provided in the previous question.

若有，請指出這些挑戰，並使用前一題所提供量表，評估各項挑戰限制 E-BL 採用之程度。

輸入您的答案

14. * Provide any additional information regarding the benefits and barriers identified in this section.

請提供有關本部分所識別之效益與障礙之任何其他資訊。

輸入您的答案

SECTION IV. Requirements for scaling up E-BL adoption

第四部分：擴大 E-BL 採用之要求

15. * Indicate the platforms or systems used in your operations to create and transfer E-BL.

請指出您作業中用於建立及傳輸 E-BL 之平臺或系統。

If multiple platforms or systems are used, select the most frequently used option for each activity.

若使用多個平臺或系統，請針對各項活動選擇最常使用者。

	WaveBL	Bolero	IQAX	TradeGo	Shipping line platform	Freight forwarder platform	Other (specify)
For creating E-BL	☐	☐	☐	☐	☐	☐	☐
For transferring E-BL	☐	☐	☐	☐	☐	☐	☐

16. If "Other" was selected above, specify the platform(s) or system(s).

若上述選擇「其他」，請具體說明相關平臺或系統。

輸入您的答案

17. * Can E-BL be transferred between different platforms or systems, or must all parties use the same platform for the E-BL to circulate?

E-BL 是否可於不同平臺或系統間傳輸，或所有參與方是否須使用相同平臺以利 E-BL 流通？

Answer based on the platform or system selected above for transferring E-BL.

請依據上述所選擇用於傳輸 E-BL 之平臺或系統回答。

☐ E-BL can be transferred to private-sector actors using different platforms/systems.

E-BL 可使用不同平臺/系統傳輸至私部門參與方。

☐ E-BL can be transferred to public-sector actors, such as customs authorities, using different platforms/systems.

E-BL 可使用不同平臺/系統傳輸至公部門參與方，例如海關。

☐ E-BL can be transferred to both public and private-sector actors using different platforms/systems.

E-BL 可使用不同平臺/系統傳輸至公部門及私部門參與方。

☐ All parties must use the same platform/system.

所有參與方須使用相同平臺/系統。

☐ Not known / not applicable.

未知/不適用。

18. Provide any additional information and examples related to your answer above, if applicable.

如適用，請提供與上述回答相關之其他資訊及案例。

E.g. platforms involved, interoperability arrangements, limitations in interoperability with customs systems, etc.

例如：所涉平臺、互通性安排、與海關系統互通性限制等。

輸入您的答案

19. * Are there initiatives related to E-BL that are ongoing or planned?

是否有與 E-BL 相關、正在進行或規劃中相關倡議?

- ☐ No 無
- ☐ Yes (at organizational level) 有 (機關/組織層級)
- ☐ Yes (at economy level) 是 (經濟體層級)
- ☐ Yes (at cross-border level) 是 (跨境層級)

20. Provide any additional information related to your answer above, if applicable:

如適用，請提供與上述回答相關之其他資訊：

輸入您的答案

21. Additional comments:

其他補充意見：

輸入您的答案