

Capco 青山發電有限公司
Castle Peak Power Company Limited

港燈
HK Electric

HKLTL

Hong Kong Offshore LNG Terminal Project

Monthly Environmental Monitoring and Audit (EM&A) Report for April 2023

10 May 2023

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Signature Page

10 May 2023

Hong Kong Offshore LNG Terminal Project

Monthly Environmental Monitoring and Audit (EM&A) Report for April 2023



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**Hong Kong Offshore LNG Terminal
Environmental Certification Sheet**
FEP-01/558/2018/A, FEP-02/558/2018/A and FEP-03/558/2018/B

Reference Document/Plan

| | |
|--|---|
| Document/ Plan to be Certified/ Verified : | Monthly Environmental Monitoring and Audit (EM&A) Report for Apr 2023 |
| Date of Report: | 10 May 2023 |
| Date prepared by ET: | 10 May 2023 |
| Date received by IEC: | 10 May 2023 |

Reference EP Requirement

| | |
|--|---|
| EP Condition: | Condition No. 5.4 of FEP-01/558/2018/A, FEP-02/558/2018/A & FEP-03/558/2018/B |
| Content: | <i>Monthly EM&A Report</i> |
| The Permit Holder shall submit 3 hard copies and 1 electronic copy of Monthly EM&A Reports to the Director, within 2 weeks after the end of the reporting month. | |

ET Certification

| | |
|--|---|
| I hereby certify that the above referenced document/ plan complies with the above referenced condition of FEP-01/558/2018/A, FEP-02/558/2018/A & FEP-03/558/2018/B. | |
| Mr Raymond Chow, Environmental Team Leader: |  Date: 10 May 2023 |

IEC Verification

| | |
|---|---|
| I hereby verify that the above referenced document/ plan complies with the above referenced condition of FEP-01/558/2018/A, FEP-02/558/2018/A & FEP-03/558/2018/B. | |
| Ms Lydia Chak, Independent Environmental Checker: |  Date: 11 May 2023 |

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EXECUTIVE SUMMARY

To support the increased use of natural gas in Hong Kong from 2020 onwards, Castle Peak Power Company Limited (CAPCO) and The Hongkong Electric Co., Ltd. (HK Electric) have identified that the development of an offshore liquefied natural gas (LNG) receiving terminal in Hong Kong using Floating Storage and Regasification Unit (FSRU) technology ('the Project') presents a viable additional gas supply option that will provide energy security through access to competitive gas supplies from world markets. The Project will involve the construction and operation of an offshore LNG import facility to be located in the southern waters of Hong Kong, a double berth jetty, and subsea pipelines that connect to the gas receiving stations (GRS) at the Black Point Power Station (BPPS) and the Lamma Power Station (LPS). To demarcate the works between different parties, the following Further Environmental Permits (FEPs) were issued for the Project:

- the double berth jetty at LNG Terminal under the Hong Kong LNG Terminal Limited (HKLTL), joint venture between CAPCO and HK Electric (FEP-01/558/2018/A) – construction commenced on 27 November 2020;
- the subsea gas pipeline for the BPPS and the associated GRS in the BPPS under CAPCO (FEP-03/558/2018/B) – construction commenced on 23 September 2020; and
- the subsea gas pipeline for the LPS and the associated GRS in the LPS under HK Electric (FEP-02/558/2018/A) – construction commenced on 13 December 2020.

This is the Monthly EM&A Report presenting the EM&A works carried out during the period from 1 to 30 April 2023 for the Project in accordance with the Updated EM&A Manual. A summary of monitoring and audit activities conducted in the reporting period is listed below:

| Activities | Number of Sessions |
|-------------------------------|--------------------|
| For FEP-01/558/2018/A | |
| Environmental Site Inspection | 1 |

Environmental auditing works, including regular site inspection of construction works conducted by the Environmental Team (ET), audit of implementation of Waste Management Plan, and review of the acceptability of operating speeds and marine travel routes of working vessels, checking of compliance with the approval conditions given by the Director of Environmental Protection for the entry of working vessels within marine parks in pursuant to Condition 3.1 of FEP-01/558/2018/A, Condition 3.4 of FEP-02/558/2018/A and Condition 3.4 of FEP-03/558/2018/B, were conducted in the reporting period, as appropriate. No non-compliance of environmental statutory requirements was identified.

Breaches of Action and Limit Levels

Since construction phase marine water quality monitoring was completed in October 2022, there were no breaches of Action and Limit Levels for the BPPS Pipeline and LPS Pipeline in the reporting period.

Since construction phase marine mammal monitoring was completed in November 2021, there were no breaches of Action and Limit Levels for marine mammal monitoring in the reporting period.

Environmental Complaints, Notification of Summons and Successful Prosecution

There were no environmental complaints, notification of summons and successful prosecutions recorded in the reporting period.

Reporting Changes

There were no reporting changes in the reporting period.

Forecast of Impact Predictions

As informed by the Contractor, construction activities to be undertaken in the next reporting period of May 2023 include the following:

| FEP | Land-based Works | Marine-based Works |
|-------------------|------------------------|--------------------|
| FEP-01/558/2018/A | ▪ System commissioning | ▪ Nil |
| FEP-02/558/2018/A | ▪ Nil | ▪ Nil |
| FEP-03/558/2018/B | ▪ System commissioning | ▪ Nil |

Potential environmental impacts arising from the above upcoming construction activities in the next reporting period of May 2023 are mainly associated with waste management.

1. INTRODUCTION

1.1 Background

To support the increased use of natural gas in Hong Kong from 2020 onwards, Castle Peak Power Company Limited (CAPCO) and The Hongkong Electric Co., Ltd. (HK Electric) have identified that the development of an offshore liquefied natural gas (LNG) receiving terminal in Hong Kong using Floating Storage and Regasification Unit (FSRU) technology ('the Project') presents a viable additional gas supply option that will provide energy security through access to competitive gas supplies from world markets. The Project will involve the construction and operation of an offshore LNG import facility to be located in the southern waters of Hong Kong, a double berth jetty, and subsea pipelines that connect to the gas receiving stations (GRS) at the Black Point Power Station (BPPS) and the Lamma Power Station (LPS).

The Environmental Impact Assessment (EIA) Report for the Project was submitted to the Environmental Protection Department (EPD) of the HKSAR Government in May 2018. The EIA Report (EIAO Register No. AEIAR-218/2018) was approved by EPD and the associated Environmental Permit (EP) (EP-558/2018) was issued in October 2018.

An application for Further Environmental Permits (FEP) were made on 24 December 2019 to demarcate the works between the different parties. The following FEPs were issued on 17 January 2020 and the EP under EP-558/2018 was surrendered on 5 March 2020.

- the double berth jetty at LNG Terminal under the Hong Kong LNG Terminal Limited (HKLTL), joint venture between CAPCO and HK Electric (FEP-01/558/2018/A) ⁽¹⁾ – construction commenced on 27 November 2020;
- the subsea gas pipeline for the BPPS and the associated GRS in the BPPS under CAPCO (FEP-03/558/2018/B) ⁽²⁾ – construction commenced on 23 September 2020; and
- the subsea gas pipeline for the LPS and the associated GRS in the LPS under HK Electric (FEP-02/558/2018/A) ⁽³⁾ – construction commenced on 13 December 2020.

The location of these components is shown in **Figures 1.1, 1.2 and 1.3**.

1.2 Scope of the EM&A Report

This is the Monthly EM&A Report for the Project which summarises the key findings of the EM&A programme during the reporting period from 1 to 30 April 2023 for the construction works for the Project in accordance with the Updated EM&A Manual and the requirements of the Further Environmental Permits (FEP-01/558/2018/A, FEP-02/558/2018/A & FEP-03/558/2018/B).

1.3 Organisation Structure

The organisation structure of the Project is shown in **Annex A**. The key personnel and contact details are summarised in **Table 1.1** below.

-
- (1) Application for variation of an environmental permit for FEP-01/558/2018 was undertaken and the latest FEP (FEP-01/558/2018/A) was issued on 6 November 2020.
 - (2) Application for variation of an environmental permit for FEP-03/558/2018/A was undertaken and the latest FEP (FEP-03/558/2018/B) was issued on 25 August 2021.
 - (3) Application for variation of an environmental permit for FEP-02/558/2018 was undertaken and the latest FEP (FEP-02/558/2018/A) was issued on 22 December 2020.

Legend

- Boundary of HKSAR
- Proposed GRS Location at BPPS
- Proposed GRS Location at LPS
- Proposed Route of BPPS Pipeline
- Proposed Route of LPS Pipeline
- Proposed Site for LNG Terminal
- Proposed LNG Terminal Safety Zone

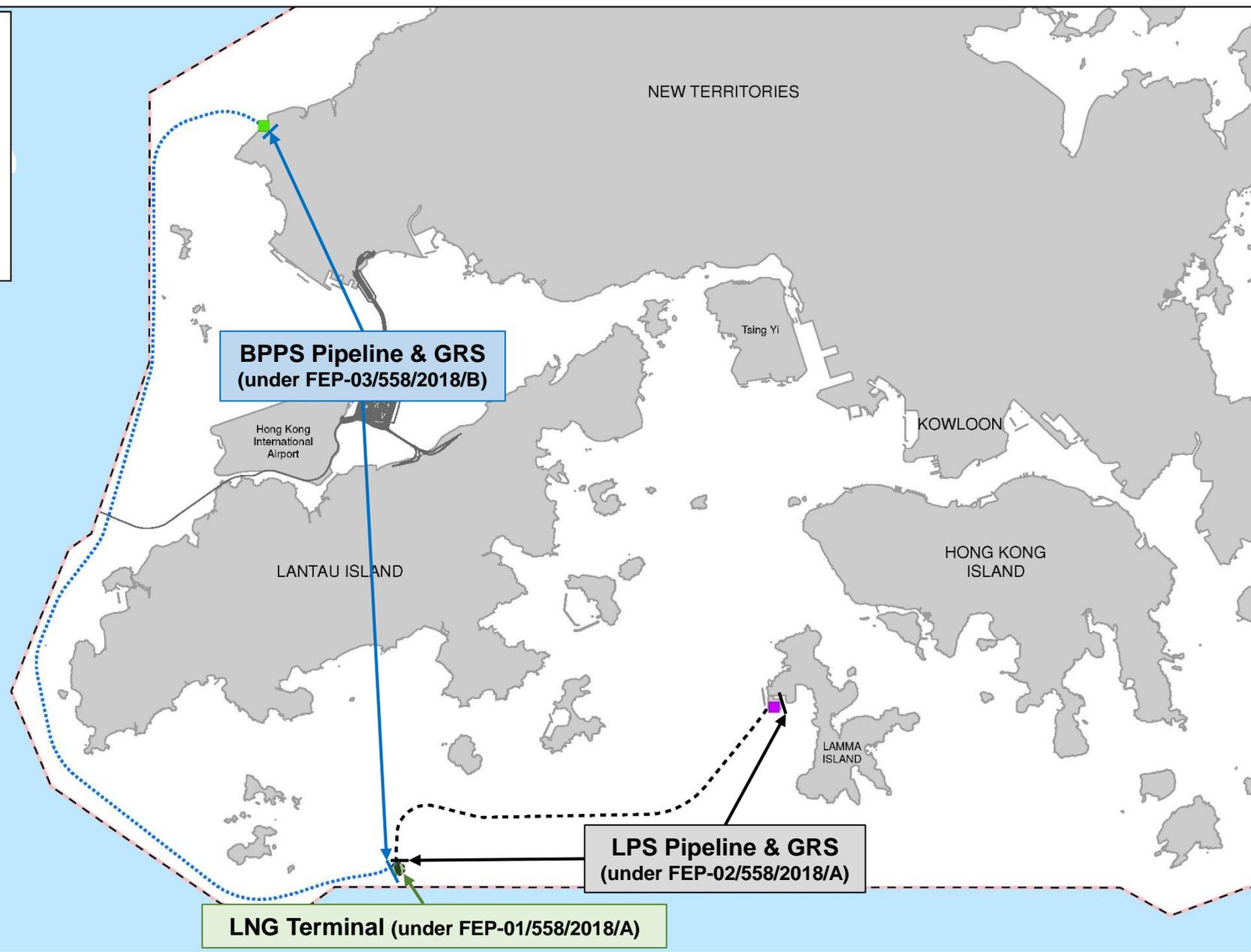
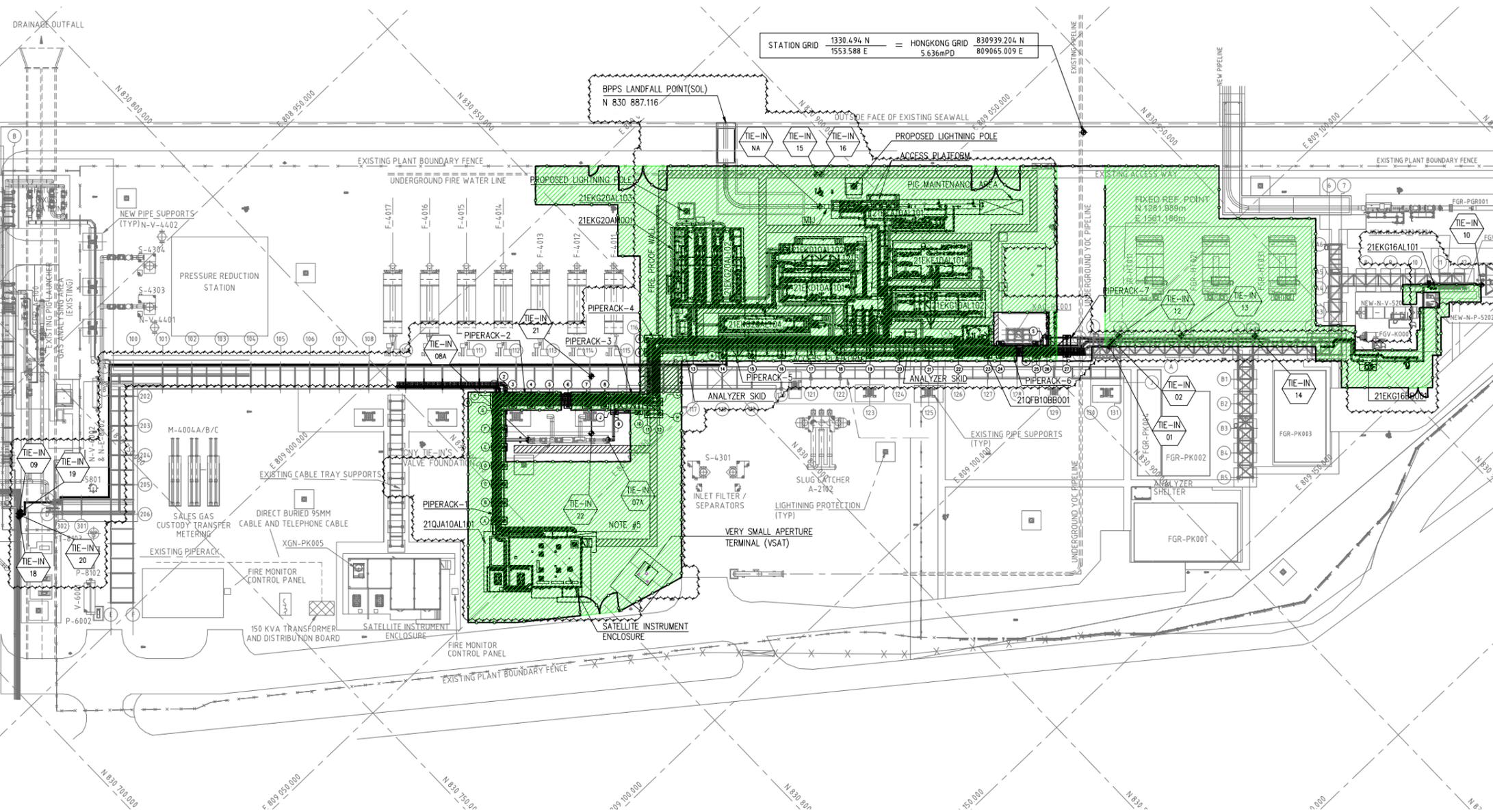
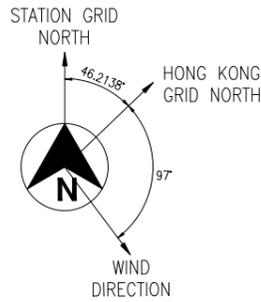
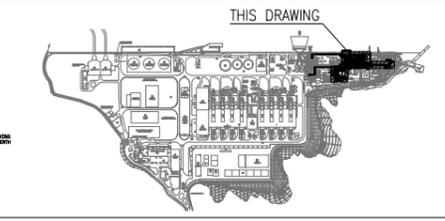


Figure 1.1

Indicative Location of Key Project Components



KEY PLAN



GENERAL NOTES

1. ALL DIMENSIONS ARE IN mm, ELEVATIONS & COORDINATES ARE IN m.
2. NOMINAL GRADE (PIPING DATUM) 0.000m = NOMINAL GRADE (HONG KONG DATUM) 5.700m.
3. RELATIONSHIP OF HONG KONG GRID TO STATION GRID.
H.K. GRID 808 950.493 E = STATION GRID 0.000 E
828 896.966 N = STATION GRID 0.000 N
4. PIG RECEIVER DESIGNED FOR INTELLIGENT PIGGING.
5. EXISTING HOSE REEL CABINET AT NEW SIE BUILDING SHALL BE RELOCATED.

LEGEND

- ESCAPE /ACCESS CLEAR WIDTH OF NOT LESS THAN 1.525m AND CLEAR HEIGHT OF 2.3m.
- NEW BPPS GRS SCOPE OF WORK
- SITE BOUNDARY AT THE BPPS GRS



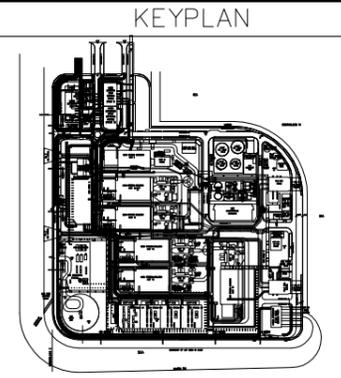
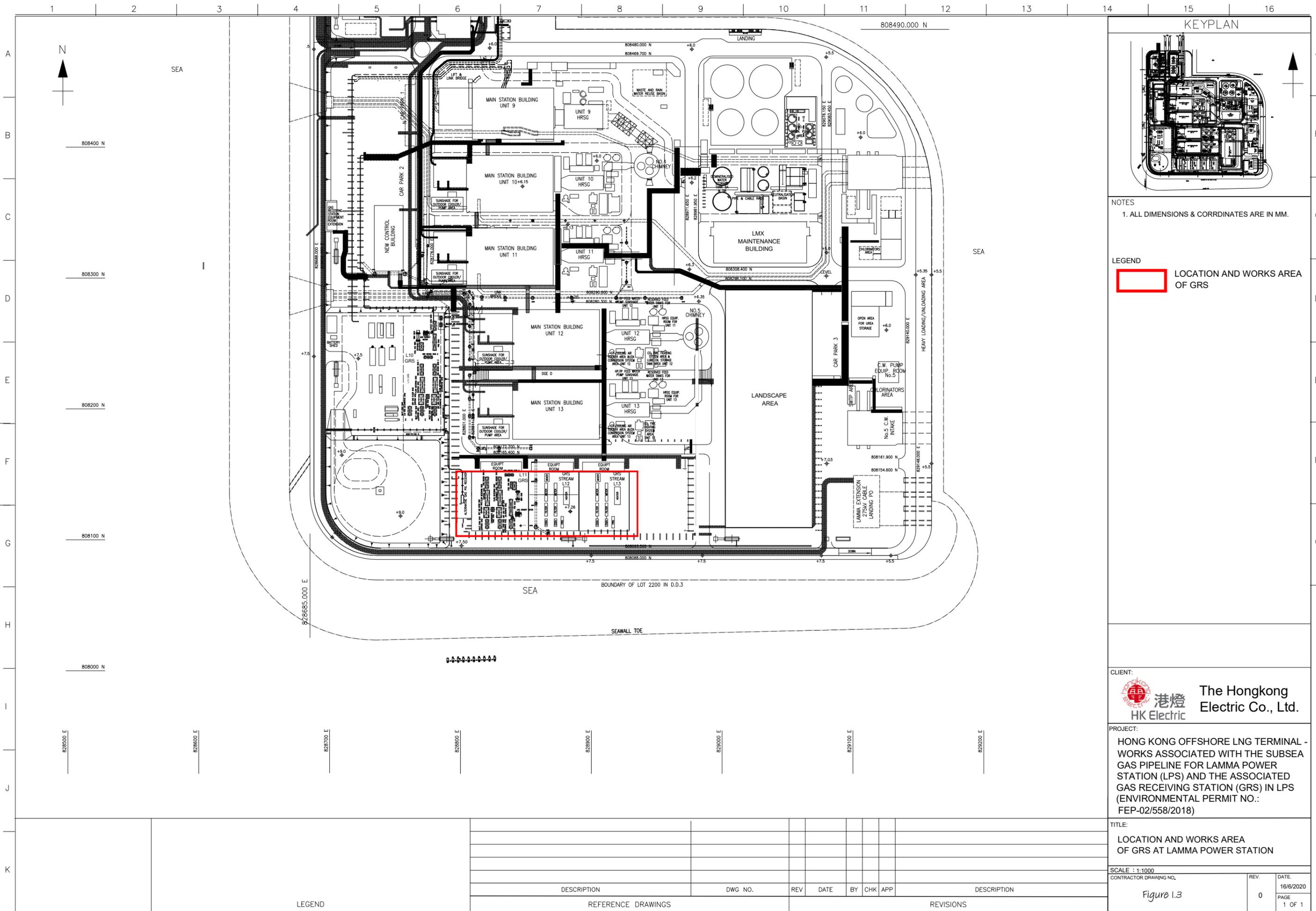
HKOLNG-COEEC-21EKG-MPD010-9101 HKOLNG GRS - EQUIPMENT LIST
 DWG. NO. DRAWING TITLE

REFERENCE DOCUMENTS

| REVISION | No. | DATE | DESCRIPTION | BY | CHK. | APP'D | CLP |
|----------|-----------|---------------------------|-------------|-----|------|-------|-----|
| C | 03JUN2020 | ISSUED FOR REVIEW | AKR | ASD | MF | | |
| B | 17APR2020 | INTERNALLY APPROVED | AKR | ASD | MF | | |
| A | 21FEB2020 | DISCIPLINE INTERNAL CHECK | AKR | ASD | MF | | |

| | | | |
|-----------|---|---|---------------------------|
| CLIENT | Capco 香港中華煤氣有限公司 Cable Peak Power Co. Ltd. | Offshore Oil Engineering Co., Ltd. | JOB No. 20ZB-DD02 |
| SIGNATURE | DATE | PROJECT: HONG KONG OFFSHORE LNG TERMINAL PROJECT PACKAGE B | CERTIF. No. A112002816 |
| DRAWN | SGB | 20AUG2020 | SCALE (A3) 1 : 1000 |
| DESIGNED | AKR | 20AUG2020 | |
| CHECKED | ASD | 20AUG2020 | Figure 1.2 |
| REVIEWED | TWC | 20AUG2020 | |
| EXAMINED | TWC | 20AUG2020 | REV. C |
| APPROVED | MF | 20AUG2020 | |

DWG No. HKOLNG-COEEC-21EKG-MLDO20-9112



NOTES
1. ALL DIMENSIONS & CORRINATES ARE IN MM.

LEGEND
 LOCATION AND WORKS AREA OF GRS

CLIENT:
 The Hongkong Electric Co., Ltd.

PROJECT:
 HONG KONG OFFSHORE LNG TERMINAL - WORKS ASSOCIATED WITH THE SUBSEA GAS PIPELINE FOR LAMMA POWER STATION (LPS) AND THE ASSOCIATED GAS RECEIVING STATION (GRS) IN LPS (ENVIRONMENTAL PERMIT NO.: FEP-02/558/2018)

TITLE:
 LOCATION AND WORKS AREA OF GRS AT LAMMA POWER STATION

SCALE : 1:1000
 CONTRACTOR DRAWING NO. REV. DATE
0 16/6/2020
 Figure 1.3 PAGE 1 OF 1

| DESCRIPTION | DWG NO. | REV | DATE | BY | CHK | APP | DESCRIPTION |
|--------------------|---------|-----|------|----|-----|-----|-------------|
| REFERENCE DRAWINGS | | | | | | | |
| REVISIONS | | | | | | | |

LEGEND

Table 1.1 Contact Information of Key Personnel

| Party | Position | Name | Telephone |
|---|---|--------------|-----------|
| CAPCO / HKLTL (For FEP-01/558/2018/A and FEP-03/558/2018/B) | Senior Manager - Environment | Karen Lui | 2678 8282 |
| HK Electric / HKLTL (For FEP-01/558/2018/A and FEP-02/558/2018/A) | Head of Mechanical Engineering, Projects Division | Norman Chan | 3143 3819 |
| Environmental Team (ET) (ERM-Hong Kong, Limited) | ET Leader | Raymond Chow | 2271 3281 |
| Independent Environmental Checker (IEC) (Mott MacDonald Hong Kong Limited) | IEC | Lydia Chak | 2585 8473 |
| Contractor (CNOOC Offshore Oil Engineering Co. Ltd.) | Environmental Manager | H Y Tang | 6111 5789 |

1.4 Summary of Construction Activities

The programme of the construction is shown in **Annex B**.

As informed by the Contractor, details of the major construction activities undertaken in the reporting period are listed in **Table 1.2** below:

Table 1.2 Major Construction Activities Undertaken in the Reporting Period

| FEP | Land-based Works | Marine-based Works |
|-------------------|------------------------|--------------------|
| FEP-01/558/2018/A | ▪ System commissioning | ▪ Nil |
| FEP-02/558/2018/A | ▪ Nil | ▪ Nil |
| FEP-03/558/2018/B | ▪ System commissioning | ▪ Nil |

The environmental mitigation implementation schedule (EMIS) is presented in **Annex C**.

1.5 Summary of EM&A Programme Requirements

The status of EM&A Programme for all environmental aspects required under the Updated EM&A Manual are presented in **Table 1.3**. The requirements of relevant environmental monitoring, including monitoring parameters, Action and Limit Levels, Event and Action Plan(s), environmental mitigation measures, etc. are presented in **Section 2**.

Table 1.3 Summary of Status for the EM&A Programme under the Updated EM&A Manual

| Aspects | Relevant FEP(s) | Status |
|---|---|--|
| Water Quality | | |
| Baseline Monitoring | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ Completed |
| Efficiency of Silt Curtain System | FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ Completed for cage-type silt curtain for dredging operation (under FEP-02/558/2018/A and FEP-03/558/2018/B) ■ Completed for cage-type silt curtain for jetting operation (under FEP-02/558/2018/A and FEP-03/558/2018/B) ■ Completed for floating silt curtain for jetting operation (under FEP-02/558/2018/A and FEP-03/558/2018/B) |
| Construction Phase Monitoring | FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ Completed for FEP-02/558/2018/A and FEP-03/558/2018/B |
| Post-Construction Monitoring | FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ Completed for FEP-02/558/2018/A and FEP-03/558/2018/B |
| Monitoring for Hydrotesting for the Subsea Gas Pipelines | FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ Completed for FEP-02/558/2018/A and FEP-03/558/2018/B |
| First-year of LNG Terminal Operation | FEP-01/558/2018/A | <ul style="list-style-type: none"> ■ To be implemented during LNG Terminal operation |
| Maintenance Dredging | FEP-01/558/2018/A | <ul style="list-style-type: none"> ■ To be implemented during maintenance dredging |
| Waste Management | | |
| Audit of Waste Management Practice | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ On-going |
| Ecology | | |
| Baseline Monitoring (Vessel-based Line Transect Survey and Passive Acoustic Monitoring) | FEP-01/558/2018/A | <ul style="list-style-type: none"> ■ Completed |
| Construction Phase Monitoring (Vessel-based Line Transect Survey and Passive Acoustic Monitoring) | FEP-01/558/2018/A | <ul style="list-style-type: none"> ■ Completed |
| Post-Construction Monitoring (Vessel-based Line Transect Survey and Passive Acoustic Monitoring) | FEP-01/558/2018/A | <ul style="list-style-type: none"> ■ On-going |
| Marine Mammal Exclusion Zone Monitoring | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | <ul style="list-style-type: none"> ■ Completed for FEP-01/558/2018/A (marine mammal exclusion zone with 500m radius) and FEP-02/558/2018/A and FEP-03/558/2018/B (marine mammal exclusion zone with 250m radius) |
| Environmental Site Inspection | | |
| Regular Site Inspection | FEP-01/558/2018/A FEP-02/558/2018/A | <ul style="list-style-type: none"> ■ On-going |

| Aspects | Relevant FEP(s) | Status |
|--|---|------------|
| | FEP-03/558/2018/B | |
| Records of Operating Speeds and Marine Travel Routes for Working Vessels | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ■ On-going |
| Environmental Log Book | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ■ On-going |

1.6 Status of Other Statutory Environmental Requirements

The environmental licenses and permits, including further environmental permits, registration as chemical waste producer, construction noise permits, wastewater discharge license, marine dumping permits, etc., which were valid in the reporting period are presented in **Annex D**. No non-compliance with environmental statutory requirements was identified.

2. EM&A RESULTS

The EM&A programme for the Project required environmental monitoring for marine water quality and marine mammals as well as environmental site inspection for air quality, construction noise, water quality, waste management, marine ecology, landscape and visual, and hazard to life impacts. As marine-based construction activities have been completed, the post-construction monitoring for marine water quality was completed on 2 December 2022 and the results were reported in the post-construction water quality monitoring report. The post-construction monitoring for marine mammals was conducted in this reporting period and the results will be reported in the post-construction marine mammal monitoring reports upon completion of the monitoring. As presented in *Section 1.5*, environmental site inspection and audit on waste management practice were conducted, and the findings are presented below.

2.1 Environmental Site Inspection

Regular environmental site inspection was carried out with the Contractor and Project Proponents to confirm the implementation of appropriate environmental protection and pollution control mitigation measures for air quality, construction noise, water quality, waste management, marine ecology, landscape and visual, and hazard to life impacts under the Project. In the reporting period, environmental site inspection was carried out for the review on the mitigation measures implemented for the double berth jetty under FEP-01/558/2018/A on 25 April 2023. No construction works were conducted for FEP-02/558/2018/A and FEP-03/558/2018/B during the reporting period and thus environmental site inspection was not undertaken for FEP-02/558/2018/A and FEP-03/558/2018/B in the reporting period. The Independent Environmental Checker (IEC) attended the environmental site inspection as the IEC audit on 25 April 2023 during the reporting period. The environmental protection and pollution control mitigation measures were implemented properly. There were no key observations from site inspection and thus no Contractor's follow-up actions were necessary for the reporting period. The environmental mitigation implementation schedule (EMIS) is presented in **Annex C**.

2.2 Waste Management Status

Waste management audit was performed with reference to the Waste Management Checklists for the corresponding Waste Management Plans detailed in **Annex E** during the regular environmental site inspection carried out in the reporting period. No non-compliance for Contractor's waste management practices was identified during the audit.

The quantities of different types of waste generated and dredged marine sediment for the three FEPs are summarised in **Tables 2.1, 2.2** and **2.3** with reference to the waste flow tables prepared by the Contractor. General refuse was generated under FEP-01/558/2018/A in the reporting period. Detailed waste flow tables are presented in **Annex F**.

Table 2.1 Quantities of Waste Generated for FEP-01/558/2018/A

| Inert C&D Materials Generated (in '000kg) | | | | | | |
|---|----------------------------------|---|------------------------------------|---------------------------|-------------------------|---|
| Month/Year | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill |
| April 2023 | 0 | 0 | 0 | 0 | 0 | 0 |
| C&D Wastes Generated | | | | | | |
| Month/Year | Metals (in '000kg ³) | Paper / Cardboard Packaging (in '000kg ³) | Plastics (in '000kg ³) | Chemical Waste | | Other (e.g. general refuse) (in '000kg) |
| | | | | (in '000kg ³) | (in '000L) | |
| April 2023 | 0 | 0 | 0 | 0 | 0 | 30.20 |

Table 2.1 Quantities of Waste Generated and Dredged Marine Sediment for FEP-02/558/2018/A

| Inert C&D Materials Generated (in '000kg) | | | | | | |
|--|------------------------------------|---|------------------------------------|---------------------------|-------------------------|---|
| Month/Year | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill |
| April 2023 | 0 | 0 | 0 | 0 | 0 | 0 |
| C&D Wastes Generated | | | | | | |
| Month/Year | Metals (in '000kg ³) | Paper / Cardboard Packaging (in '000kg ³) | Plastics (in '000kg ³) | Chemical Waste | | Other (e.g. general refuse) (in '000kg) |
| | | | | (in '000kg ³) | (in '000L) | |
| April 2023 | 0 | 0 | 0 | 0 | 0 | 0 |
| Marine Sediment Generated (in '000m ³) | | | | | | |
| Month/Year | Total Quantity of Type L Generated | Total Quantity of Type M Generated | Reused in the Contract | Reused in other Projects | Open Sea Disposal | |
| April 2023 | 0 | 0 | 0 | 0 | 0 | |

Table 2.2 Quantities of Waste Generated and Dredged Marine Sediment for FEP-03/558/2018/B

| Inert C&D Materials Generated (in '000kg) | | | | | | |
|---|--------------------------|-------------------------------------|------------------------|--------------------------|-------------------------|---------------|
| Month/Year | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill |
| April 2023 | 0 | 0 | 0 | 0 | 0 | 0 |

| C&D Wastes Generated | | | | | | |
|----------------------|----------------------------------|---|------------------------------------|---------------------------|------------|---|
| Month/Year | Metals (in '000kg ³) | Paper / Cardboard Packaging (in '000kg ³) | Plastics (in '000kg ³) | Chemical Waste | | Other (e.g. general refuse) (in '000kg) |
| | | | | (in '000kg ³) | (in '000L) | |
| April 2023 | 0 | 0 | 0 | 0 | 0 | 0 |

| Marine Sediment Generated (in '000m ³) | | | | | |
|--|------------------------------------|------------------------------------|------------------------|--------------------------|-------------------|
| Month/Year | Total Quantity of Type L Generated | Total Quantity of Type M Generated | Reused in the Contract | Reused in other Projects | Open Sea Disposal |
| April 2023 | 0 | 0 | 0 | 0 | 0 |

2.3 Post-Construction Monitoring

As marine-based construction works of the Project were completed, post-construction monitoring for marine water quality and marine mammals were conducted since November 2022. The post-construction monitoring for marine water quality was completed on 2 December 2022 and the monitoring results were reported in the Post-Construction Water Quality Monitoring Report. The monitoring results for marine mammals would be reported in the Post-Construction Marine Mammal Monitoring Report upon completion of the monitoring in accordance with the Updated EM&A Manual. The schedule for post-construction marine mammal monitoring for the reporting period is provided in **Annex H**.

2.4 Records of Operating Speeds and Marine Travel Routes of Working Vessels

The operating speeds and marine travel routes of working vessels for construction of the Project within the reporting period were checked and reviewed. A total of 3 working vessels were used for construction of the Jetty under FEP-01/558/2018/A during the reporting period. All these working vessels were operated at a speed lower than 10 knots when moving within the areas frequented by marine mammals, including the waters near Sha Chau and Lung Kwu Chau Marine Park, the waters at the west of Lantau Island and the waters between Soko Islands and Shek Kwu Chau, and followed the relevant marine travel requirements stipulated in the FEPs. No non-compliance on the operating speeds and marine travel routes of working vessels was identified. Records of operating speeds and marine travel routes of working vessels for construction of the Project provided by the Contractor are presented in **Annex J**.

The compliance status on approval conditions given by the Director of Environmental Protection for the entry of working vessels (i.e. anchor handling tugs (AHTs)) within marine parks in pursuant to Condition 3.1 of FEP-01/558/2018/A for anchoring activities for construction of the Jetty, Condition 3.4 of FEP-02/558/2018/A and Condition 3.4 of FEP-03/558/2018/B for anchoring activities for pipelaying

and/or post-trenching processes for construction of LPS and BPPS Pipelines, respectively, as appropriate within the reporting period was checked. No non-compliance on the approval conditions was identified.

2.5 Implementation Status of Environmental Mitigation Measures

A summary of the Environmental Mitigation Implementation Schedule (EMIS) is presented in **Annex C**. The necessary mitigation measures were implemented properly for the Project.

2.6 Summary of Exceedances of the Environmental Quality Performance Limit

There were no Project-related Action and Limit Level exceedances for marine water quality monitoring for the BPPS Pipeline and LPS Pipeline in the reporting period.

Since construction phase marine mammal monitoring was completed in November 2021, there were no breaches of Action and Limit Levels for marine mammal monitoring in the reporting period.

Cumulative statistics on exceedance is provided in **Annex G**.

2.7 Summary of Environmental Complaints, Notification of Summons and Successful Prosecutions

There were no environmental complaints, notification of summons and successful prosecutions recorded in the reporting period.

Statistics on environmental complaints, notification of summons and successful prosecutions are summarised in **Annex G**.

3. FORECAST FOR THE NEXT REPORTING PERIOD

3.1 Works Programme for the Next Reporting Period

Construction activities to be undertaken in the next reporting period of May 2023 are summarised in **Table 3.1** below, together with the key issues:

Table 3.1 Major Construction Activities for the Next Reporting Period

| Activities | Key Issues |
|--------------------------------|--------------------|
| <i>Under FEP-01/558/2018/A</i> | |
| Land-based Works | |
| ▪ System commissioning | ▪ Waste management |
| Marine-based Works | |
| ▪ Nil | ▪ N/A |
| <i>Under FEP-02/558/2018/A</i> | |
| Land-based Works | |
| ▪ Nil | ▪ N/A |
| Marine-based Works | |
| ▪ Nil | ▪ N/A |
| <i>Under FEP-03/558/2018/B</i> | |
| Land-based Works | |
| ▪ System commissioning | ▪ Waste management |
| Marine-based Works | |
| ▪ Nil | ▪ N/A |

The ET will keep track on the construction activities to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

3.2 Monitoring Schedule for the Next Reporting Period

It is expected that post-construction marine mammal monitoring will be conducted in the next reporting period. The tentative schedule for post-construction marine mammal monitoring is provided in **Annex I**.

4. CONCLUSION AND RECOMMENDATIONS

This Monthly EM&A Report presents the key findings of the EM&A works during the reporting period from 1 to 30 April 2023 for the construction works for the Project in accordance with the Updated EM&A Manual and the requirements of the Further Environmental Permits (FEP-01/558/2018/A, FEP-02/558/2018/A & FEP-03/558/2018/B).

Environmental auditing works, including regular site inspection of construction works conducted by the ET, audit of implementation of Waste Management Plan, and review of the acceptability of operating speeds and marine travel routes of working vessels, checking of compliance with the approval conditions given by EPD for allowing the entry of working vessels within marine parks in pursuant to Condition 3.1 of FEP-01/558/2018/A, Condition 3.4 of FEP-02/558/2018/A and Condition 3.4 of FEP-03/558/2018/B, were conducted in the reporting period, as appropriate. No non-compliance of environmental statutory requirements was identified.

Since construction phase marine water quality monitoring for LPS Pipeline and BPPS Pipeline was completed in October 2022, there were no breaches of Action and Limit Levels were recorded in accordance with the Updated EM&A Manual.

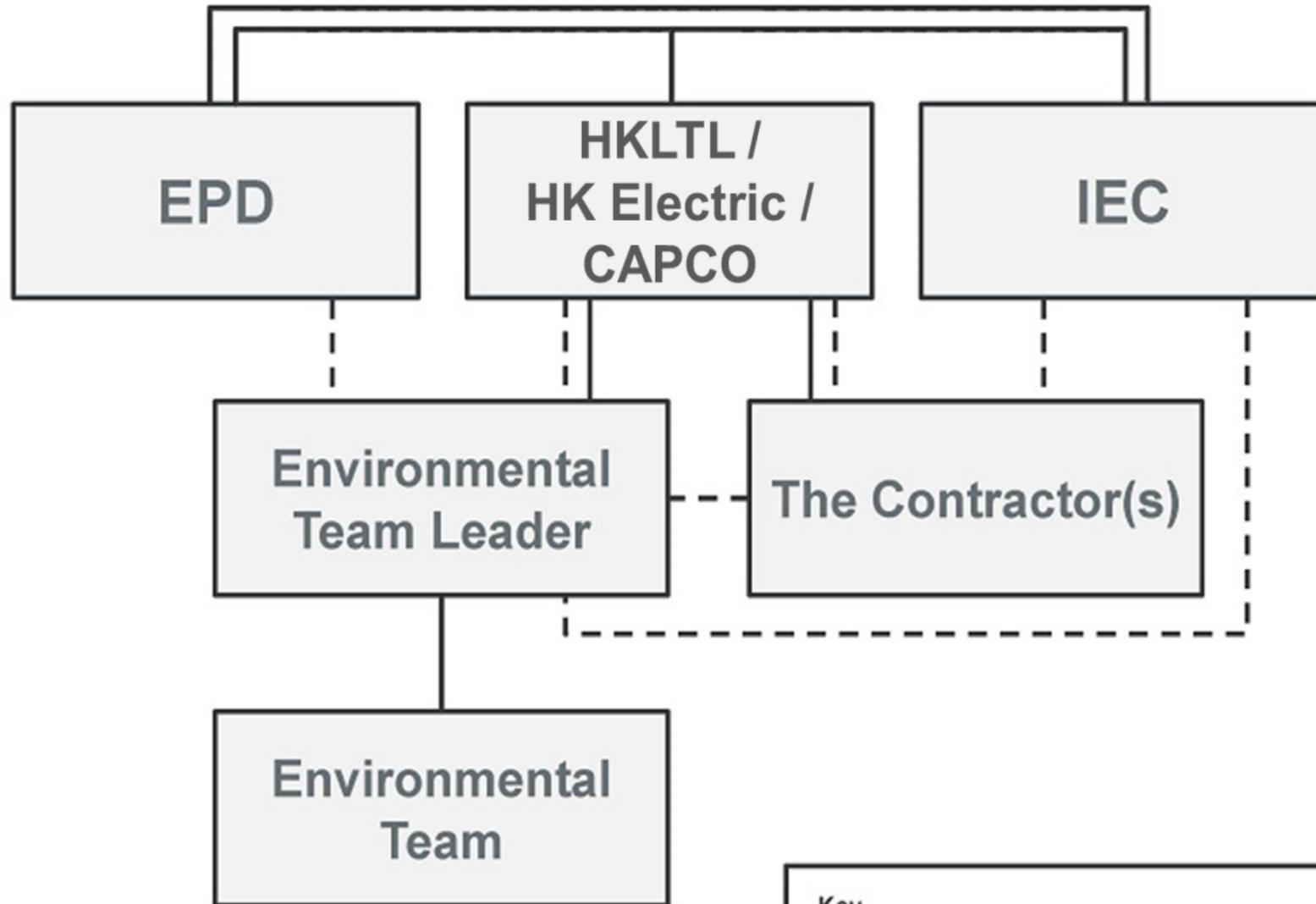
Since construction phase marine mammal monitoring was completed in November 2021, there were no breaches of Action and Limit Levels were recorded.

There were no environmental complaints, notification of summons and successful prosecutions recorded in the reporting period.

The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

ANNEX A

PROJECT ORGANISATION



Key

- Formal Communication Channel
- - - Line of Management Responsibility

ANNEX B

CONSTRUCTION PROGRAMME

Schedule of Works associated with the double berth jetty at LNG Terminal

| WORK | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 | Q4 2021 | Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 | Q1 2023 | Q2 2023 |
|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Preparation Phase | | | | | | | | | | | | |
| Pre-survey | █ | | | | | | | | | | | |
| Construction Phase | | | | | | | | | | | | |
| Jacket Installation | | █ | | | █ | | | | | | | |
| Topsides Construction / Installation | | | | | | █ | | | | | | |
| System commissioning and start up | | | | | | | | | █ | | | |

Schedule of Works for Jetty

Schedule of the works associated with the subsea gas pipeline for Lamma Power Station (LPS)

| WORK | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 | Q4 2021 | Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 | Q1 2023 | Q2 2023 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Preparation Phase | | | | | | | | | | | | |
| Pre-survey | ■ | | | | | | | | | | | |
| Removal of obstructions | | | ■ | | | | | | | | | |
| Construction Phase | | | | | | | | | | | | |
| Pre-trenching including Deployment of Silt Curtain and Pilot Test | | | ■ | | | | | | | | | |
| De-burial of pre-installed pipeline by Mass Flow Excavator | | | ■ | | | | | | | | | |
| Pipeline Laying | | | ■ | | | | | | | | | |
| Intermediate Hydrotesting for Pipeline | | | | ■ | | | | | | | | |
| Post-trenching including Deployment of Silt Curtain and Pilot Test | | | | | ■ | | | | | | | |
| Rock Armour Placement | | | | | | ■ | | | | | | |
| Final Hydrotesting for Pipeline | | | | | | | | | ■ | | | |
| Gas Receiving Station (GRS) including pipe rack construction, preparation works at the vent header for tie-in of the new GRS, fencing, new gas receiving facility and new pipeline connection | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | |
| Gas Receiving Station (GRS) pre-commissioning, commissioning and start up | | | | | | | | | ■ | ■ | ■ | ■ |

Schedule of Works for LPS Pipeline

Schedule of the works associated with the subsea gas pipeline for Black Point Power Station (BPPS) and the associated Gas Receiving Station (GRS) in BPPS

| WORK | Q3 2020 | Q4 2020 | Q1 2021 | Q2 2021 | Q3 2021 | Q4 2021 | Q1 2022 | Q2 2022 | Q3 2022 | Q4 2022 | Q1 2023 | Q2 2023 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Preparation Phase | | | | | | | | | | | | |
| Pre-survey | ■ | | | | | | | | | | | |
| Removal of obstructions | ■ | | | | | | | | | | | |
| Construction Phase | | | | | | | | | | | | |
| Pre-trenching including Deployment of Silt Curtain and Pilot Test | | | | ■ | ■ | ■ | | | | | | |
| Cofferdam and Sheet Pile Construction | | | | ■ | ■ | ■ | | | | | | |
| Pipeline Laying | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | |
| Post-trenching including Deployment of Silt Curtain and Pilot Test | | | | | ■ | ■ | ■ | ■ | ■ | ■ | | |
| Rock Armour Placement | | | | | | ■ | ■ | ■ | ■ | ■ | | |
| Intermediate and Final Hydrotesting for Pipeline | | | | | | ■ | ■ | ■ | ■ | ■ | | |
| Gas Receiving Station (GRS) including pipe rack construction, preparation works at the vent header for tie-in of the new GRS, fencing, new gas receiving facility and new pipeline connection | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | |
| Gas Receiving Station (GRS) pre-commissioning, commissioning and start up | | | | | | | | ■ | ■ | ■ | ■ | ■ |
| Schedule of Works for BPPS Pipeline and GRS | | | | | | | | | | | | |

ANNEX C

ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

TABLE C.1 IMPLEMENTATION SCHEDULE OF RECOMMENDED MITIGATION MEASURES

| EIA Reference | EM&A Reference | Recommended Environmental Protection Measures/ Mitigation Measures | Location/ duration of recommended measures & timing of completion of recommended measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | Relevant Legislation & Guidelines | Implementation Status |
|--------------------|----------------|--|---|----------------------|-------------------------------------|---|---|---|---|
| | | | | | D | C | O | | |
| Air Quality | | | | | | | | | |
| S4.10.1 | S2.1 | Impervious sheet will be provided for skip hoist for material transport. | Land sites for GRSs within BPPS and LPS / During construction, particularly dry season | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | The area where dusty work takes place should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after dusty activities as far as practicable. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | All dusty materials should be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | Dropping heights for excavated materials should be controlled to a practical height to minimise the fugitive dust arising from unloading. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS |

⁽¹⁾ D = Design Phase; C = Construction Phase; O = Operational Phase

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|---------------|----------------|--|---|----------------------|-------------------------------------|---|---|---|---|
| | | | | | D | C | O | | |
| | | | | | | | | N/A for GRS in LPS | |
| S4.10.1 | S2.1 | During transportation by truck, materials should not be loaded to a level higher than the side and tail boards, and should be dampened or covered before transport. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A |
| S4.10.1 | S2.1 | Wheel washing device should be provided at the exits of the work sites. Immediately before leaving a construction site, every vehicle shall be washed to remove any dusty material from its body and wheels as far as practicable. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | Road sections between vehicle-wash areas and vehicular entrance will be paved. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | Haul roads will be kept clear of dusty materials and will be sprayed with water so as to maintain the entire road surface wet at all times. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |

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|---------------|----------------|---|---|-------------------------------------|-------------------------------------|---|---|---|---|
| | | | | | D | C | O | | |
| S4.10.1 | S2.1 | Temporary stockpiles of dusty materials will be either covered entirely by impervious sheets or sprayed with water to maintain the entire surface wet all the time. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | Stockpiles of more than 20 bags of cement and dusty construction materials will be covered entirely by impervious sheeting sheltered on top and 3-sides. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A |
| S4.10.1 | S2.1 | All exposed areas will be kept wet to minimise dust emission. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | Ultra-low-sulphur diesel (ULSD), defined as diesel fuel containing not more than 0.005% sulphur by weight, will be used for all construction plant on-site. | Land sites for GRSs within BPPS and LPS / During construction/ During operation | Contractor(s) / CAPCO / HK Electric | | ✓ | ✓ | <i>Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005 on Environmental Management on Construction Sites</i> | N/A for GRS in BPPS N/A for GRS in LPS |

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|---------------|----------------|---|---|--|-------------------------------------|---|---|--|---|
| | | | | | D | C | O | | |
| S4.10.1 | S2.1 | The engine of the construction equipment during idling will be switched off. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S4.10.1 | S2.1 | Regular maintenance of construction equipment deployed on-site will be conducted to prevent black smoke emission. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Construction Dust) Regulation</i> | N/A |
| S4.10.1 | S2.1 | All marine vessels fuelled in Hong Kong are required to operate using marine light diesel with sulphur content lower than 0.05%. | Marine sites for the LNG Terminal, the BPPS Pipeline and the LPS Pipeline / During construction/ During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | <i>Air Pollution Control (Marine Light Diesel) Regulation</i> | ✓ for BPPS Pipeline, LPS Pipeline and LNG Terminal |
| S4.10.1 | S2.1 | Non-road mobile machinery (NRMMs), e.g. mobile generator and air compressor, shall comply with the prescribed emission standards and approved with a proper label by EPD. | Land sites for GRSs within BPPS and LPS and marine sites for the LNG Terminal, the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s) | | ✓ | | <i>Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation</i> | N/A for GRS in BPPS N/A for GRS in LPS, LNG Terminal, BPPS Pipeline and LPS Pipeline |
| S4.10.1 | S2.1 | To ensure proper implementation of the recommended dust mitigation measures and good construction site practices during | Land sites for GRSs within BPPS | Contractor(s)/ Environmental Team (ET) & Independent | | ✓ | | - | N/A for GRS in BPPS |

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|-----------------------|----------------|--|---|-------------------------------------|-------------------------------------|---|---|---|---|
| | | | | | D | C | O | | |
| | | the construction phase of the GRSs and the BPPS and the LPS, environmental site audits on monthly basis is recommended throughout the construction period. | and LPS / During construction | Environmental Checker (IEC) | | | | | N/A for GRS in LPS |
| S4.10.2 | S2.2 | LNGCs shall comply with the fuel restriction requirement under the <i>Air Pollution Control (Ocean Going Vessels) (Fuel at berth) Regulation</i> . | Marine site for the LNG Terminal / During operation | HKLTL | | | ✓ | <i>Air Pollution Control (Ocean Going Vessels) (Fuel at berth) Regulation</i> | N/A |
| Hazard to Life | | | | | | | | | |
| S5.3.3 | S3 | All personnel within the BPPS shall comply with CLP safety policy and requirements. | Land site for the GRS within BPPS / During construction / During operation | Contractor(s) / CAPCO | | ✓ | ✓ | - | ✓ |
| S5.3.3 | S3 | All personnel within the LPS shall comply with HK Electric safety policy and requirements. | Land site for the GRS within LPS / During construction / During operation | Contractor(s) / HK Electric | | ✓ | ✓ | - | N/A |
| S5.3.3 | S3 | All operation work procedures shall be complied with the operating plant procedures or guidelines and regulatory requirements. | Land sites for GRSs within BPPS and LPS / During construction / During operation | Contractor(s) / CAPCO / HK Electric | | ✓ | ✓ | - | N/A for GRS in BPPS N/A for GRS in LPS |

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|---------------|----------------|--|---|-------------------------------------|-------------------------------------|---|---|-----------------------------------|---|
| | | | | | D | C | O | | |
| S5.3.3 | S3 | All personnel shall be equipped with appropriate personal protective equipment (PPE) when working at the BPPS and LPS facilities. | Land sites for GRSs within BPPS and LPS / During construction / During operation | Contractor(s) / CAPCO / HK Electric | | ✓ | ✓ | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S5.3.3 | S3 | Safety training and briefings shall be provided to all personnel. | Land sites for GRSs within BPPS and LPS / During construction / During operation | Contractor(s) / CAPCO / HK Electric | | ✓ | ✓ | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S5.3.3 | S3 | Regular site safety inspections/ audits shall be conducted. | Land sites for GRSs within BPPS and LPS / During construction/ During operation | Contractor(s) / CAPCO / HK Electric | | ✓ | ✓ | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S5.3.3 | S3 | Method statements and risk assessments shall be prepared and safety control measures shall be in place before commencement of work. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S5.3.3 | S3 | Work permit system, on-site pre-work risk assessment and emergency response procedure shall be in place before commencement of work. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |

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|---------------|----------------|--|---|----------------------|-------------------------------------|---|---|-----------------------------------|---|
| | | | | | D | C | O | | |
| S5.3.3 | S3 | All construction workers shall be under close site supervision during the construction phase of the GRSs. | Land sites for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S5.4.1 | S3 | An emergency response plan will be put in place which fully documents the procedures to be followed in the event of an emergency. | Transit of the LNGC and FSRU Vessel under Emergency Situation / During operation | HKLTL | | | ✓ | - | N/A |
| S5.3.3 | S3 | Method statements and risk assessments shall be prepared and safety control measures should be in place before the commencement of construction works. | LNG Terminal / During construction | Contractor(s) | | ✓ | | - | ✓ |
| S5.3.3 | S3 | Work permit system, on-site pre-work risk assessment and emergency response procedure shall be in place before commencement of construction works. | LNG Terminal / During construction | Contractor(s) | | ✓ | | - | ✓ |
| S5.3.3 | S3 | All construction workers shall be under close site supervision during the construction phase of the LNG Terminal. | LNG Terminal / During construction | Contractor(s) | | ✓ | | - | ✓ |

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|---------------|----------------|--|---|----------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| S5.3.3 | S3 | All personnel within the LNG Terminal shall comply with relevant safety policy and requirements. | LNG Terminal / During operation | HKLTL | | | ✓ | - | N/A |
| S5.3.3 | S3 | All operation work procedures shall be complied with relevant codes and standards (e.g. SIGTTO) and regulatory requirements. | LNG Terminal / During operation | HKLTL | | | ✓ | - | N/A |
| S5.3.3 | S3 | Work permit system and emergency response procedure shall be in place. | LNG Terminal / During operation | HKLTL | | | ✓ | - | N/A |
| S5.3.3 | S3 | Robust and extended process control system, safety control system, fire-fighting system and security system shall be provided. | LNG Terminal / During operation | HKLTL | | | ✓ | - | N/A |
| S5.3.3 | S3 | Sufficient and trained / competent staff shall be provided to operate the LNG Terminal. | LNG Terminal / During operation | HKLTL | | | ✓ | - | N/A |
| S5.3.3 | S3 | Regular safety inspections/audits shall be conducted. | LNG Terminal / During operation | HKLTL | | | ✓ | - | N/A |
| Noise | | | | | | | | | |

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|----------------------|----------------|--|--|----------------------|-------------------------------------|---|---|--|-----------------------|
| | | | | | D | C | O | | |
| S6.7 | S4 | N/A | | | | | | N/A | |
| Water Quality | | | | | | | | | |
| S7.9.1 | S5 | A detailed hydrotesting procedure for subsea pipelines will be developed that will detail how the process will be carried out, how it will be carefully controlled and monitored, and how the intake and subsequent discharge of the seawater will be managed. Water quality monitoring for commissioning hydrotest for the subsea pipelines is presented in Section 5.3.5 of the Updated EM&A Manual. | LNG Terminal / During construction | Contractor(s) | | ✓ | | TM Standard under the WPCO, WPCO license requirements, WQO | N/A |
| S7.9.1 | S5 | Adoption of appropriate dredging and jetting rates, plant numbers and silt curtains at the plant and WSRs, where applicable (Table 7.18 of the EIA Report, reprovided as Table A.2 below). | Marine Dredging & Jetting for the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s) | | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline | |
| S7.9.1 | S5 | Grab dredging can be conducted concurrently with one TSHD. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s) | | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline | |

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|-------------------|----------------|--|--|----------------------|-------------------------------------|---|---|-----------------------------------|--|
| | | | | | D | C | O | | |
| S7.9.1 | S5 | One jetting machine will be working on LPS pipeline. No more than two jetting machines will be working on BPPS pipeline. | Marine Jetting for the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s) | | ✓ | | - | N/A for BPPS Pipeline and LPS Pipeline |
| S7.9.1 | S5 | Cofferdam construction and removal at landfalls of BPPS and LPS (where required) should not be conducted concurrently with the nearby pipeline dredging sections (BPPS KP44.9 - 45.0 and LPS KP17.4-18.2). Silt curtain surrounding the works areas for cofferdam construction and removal at pipeline landfalls of the BPPS and the LPS should also be implemented. | Pipeline landfalls for the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s) | | ✓ | | - | N/A for BPPS Pipeline and LPS Pipeline |
| S7.9.1/ S7.9.2 | S5 | The following measures shall be followed for provision of silt curtain: <ul style="list-style-type: none"> The silt curtain shall be formed and installed in such a way that tidal rise and fall are accommodated, with the silt curtains always extending from the surface to the bottom of the water column and held with anchor blocks. | Marine Dredging & Jetting for the BPPS Pipeline and the LPS Pipeline / During construction Marine Maintenance Dredging (LNG | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |

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| | | | | | D | C | O | | |
| | | <ul style="list-style-type: none"> Schematic diagrams on silt curtain deployment are provided in Figures 7.4 and 7.5 of the EIA Report. The contractor shall regularly inspect the silt curtains and check that they are moored and marked to avoid danger to marine traffic. Regular inspection on the integrity of the silt curtain should be carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly. Relevant marine works shall only be undertaken when the repair is fixed to the satisfaction of the engineer. | Terminal) / During operation | | | | | | |
| S7.9.1 / S7.9.2 | S5 | All vessels should be well maintained and inspected before use to limit any potential discharges to the marine environment. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction Marine Maintenance Dredging (LNG | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |

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| | | | Terminal) / During operation | | | | | | |
| S7.9.1 | S5 | All vessels must have a clean ballast system. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s) | | ✓ | | - | N/A for BPPS Pipeline and LPS Pipeline |
| S7.9.1 / S7.9.2 | S5 | No overflow is permitted from the trailing suction hopper dredger and the Lean Mixture Overboard (LMOB) system will only be in operation at the beginning and end of the dredging cycle when the drag head is being lowered and raised. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction Marine Maintenance Dredging (LNG Terminal) / During operation | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |
| S7.9.1 / S7.9.2 | S5 | Dredged marine mud will be disposed of in a gazetted marine disposal area in accordance with the Dumping at Sea Ordinance (DASO) permit conditions. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction Marine Maintenance Dredging (LNG | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |

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| | | | Terminal) / During operation | | | | | | |
| S7.9.1 / S7.9.2 | S5 | Dredgers will maintain adequate clearance between vessels and the seabed at all states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction Marine Maintenance Dredging (LNG Terminal) / During operation | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |
| S7.9.1 / S7.9.2 | S5 | Marine works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site. Wastewater from potentially contaminated area on working vessels should be minimised and collected. These kinds of wastewater should be brought back to port and discharged at appropriate collection and treatment system. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction / During operation | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |

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| S7.9.1 / S7.9.2 | S5 | No solid waste is allowed to be disposed overboard. | Marine Dredging for the BPPS Pipeline and the LPS Pipeline / During construction / During operation | Contractor(s) | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |
| S7.9.1 | S5 | Appropriate infiltration control, such as cofferdam wall, should be adopted to limit groundwater inflow to the excavation works areas in the Project site. Groundwater pumped out from excavation area should be discharged into the storm system via silt removal facilities. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S7.9.1 | S5 | Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>ProPECC PN 1/94, TM Standard under the WPCO</i> | N/A for GRS in BPPS N/A for GRS in LPS |

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| | | Deposited silt and grit will be removed regularly. | | | | | | | |
| S7.9.1 | S5 | Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S7.9.1 | S5 | Appropriate surface drainage will be designed and provided where necessary. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S 7.9.1 | S5 | The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | <i>ProPECC PN 1/94</i> | N/A for GRS in BPPS N/A for GRS in LPS |
| S7.9.1 | S5 | Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |

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| | | | | | D | C | O | | |
| | | drainage system after accidental spillages. | | | | | | | |
| S7.9.1 | S5 | Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S7.9.1 | S5 | The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A |
| S7.9.1 | S5 | Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the construction workers over the construction site to prevent direct disposal of sewage into the water environment. No onsite discharge from these chemical toilets would be allowed. | Land sites & drainages for GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S 7.9.2 | S5 | Mitigation measures for maintenance dredging at the LNG Terminal in form of controlled dredging rate (maximum of | Marine Maintenance Dredging (LNG | Contractor(s) / HKLTL | | | ✓ | - | N/A |

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| | | 5,500m ³ day ⁻¹) as well as silt curtain should be implemented for the control of sediment dispersion and the protection of the nearby WSRs. | Terminal) / During operation | | | | | | |
| S 7.9.2 / S9.11.3 | S5 / S7 | A project-specific contingency plan (including protocols for avoidance, containment, remediation and reporting accidental fuel spill event) will be prepared and implemented to contain and clean up the spilled or leaked fuels or chemicals at the LNG Terminal, surrounding waters and marine parks. | Fuel spillage for the LNG Terminal / During operation | Contractor(s) / HKLTL | | | ✓ | | N/A |
| S7.12.1 | S5.2-S5.5 | Marine water quality monitoring at selected WSRs is recommended for marine dredging and jetting works for the pipeline construction. | Designated monitoring stations as defined in EM&A Manual / During marine construction period | Environmental Team (ET) | | ✓ | | - | N/A |
| S7.12.1 | S5.2-S5.5 | To ensure proper implementation of the recommended mitigation measures and good construction site practices during marine-based construction works, environmental site audits on a regular basis is | Marine sites for the LNG Terminal, the BPPS Pipeline and the LPS Pipeline / During construction | Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC) | | ✓ | | - | ✓ |

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| | | recommended throughout the construction period. | | | | | | | |
| S7.12.2 | S5.2-S5.5 | Water quality monitoring at the selected nearby WSRs is recommended for first year of operation of the LNG Terminal. | During operation for the LNG Terminal | Environmental Team (ET)/ HKLTL | | | ✓ | TM Standard under the WPCO, WPCO license requirements, WQO | N/A |
| S7.12.2 | S5.2-S5.5 | During maintenance dredging at the LNG Terminal, water quality monitoring at the selected nearby WSRs would be required. | Marine Maintenance Dredging (LNG Terminal) / During operation | Contractor(s) / HKLTL | | | ✓ | TM Standard under the WPCO, WPCO license requirements, WQO | N/A |
| Waste Management | | | | | | | | | |
| S8.5 | S6.2 | The contractor(s) will nominate approved personnel to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site. | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | ✓ |
| S8.5 | S6.2 | Good waste management practices should be implemented: <ul style="list-style-type: none"> Training of site personnel in proper waste management and chemical handling procedures; | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | N/A for 1 st , 3 th , 6 th and 7 th bullet points for GRS in BPPS ✓ for 1 st bullet point for BPPS |

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| | | <ul style="list-style-type: none"> Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre; Encourage collection of aluminium cans and waste paper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce; Any unused chemicals, and those with remaining functional capacity, be recycled as far as possible; Prior to disposal of C&D materials, wood, steel and other metals will be separated, to the extent practical for re-use and/or recycling to reduce the quantity of waste to be disposed in a landfill; Proper storage and site practices to reduce the potential for damage or contamination of construction materials; and Plan and stock construction materials carefully to reduce | | | | | | | Pipeline, LPS Pipeline and LNG Terminal N/A for 2 nd , 4 th and 5 th bullet points for GRS in BPPS N/A for 2 nd to 7 th bullet points for BPPS Pipeline, LPS Pipeline and LNG Terminal N/A for GRS in LPS |

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| | | | | | D | C | O | | |
| | | amount of waste generated and avoid unnecessary generation of waste. | | | | | | | |
| S8.5 | Table 6.1 | The contractor(s) must provide sufficient waste disposal points. Wastes will be collected and removed from site in a timely manner. | All areas / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |
| S8.5 | Table 6.1 | The contractor(s) will have appropriate measures to reduce windblown/ floating litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers. | All areas / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | N/A |
| S8.5 | Table 6.1 | The contractor(s) will take and keep records of quantities of wastes generated, recycled and disposed of and the disposal sites. | All areas / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |
| S8.5 | Table 6.1 | The contractor(s) must segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse and recycling of material and proper disposal of waste. | All areas / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | N/A for GRS in BPPS N/A for GRS in LPS, BPPS Pipeline, LPS |

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| | | | | | | | | | Pipeline and LNG Terminal |
| S8.5 | S6.2 | The contractor(s) will use reusable non-timber formwork to reduce the amount of C&D materials. | All areas / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS, BPPS Pipeline, LPS Pipeline and LNG Terminal |
| S8.5 | Table 6.1 | The contractor(s) must ensure that all the necessary waste disposal and marine dumping permits or licences are obtained prior to the commencement of the construction works. | During construction | Contractor(s) | | ✓ | | - | ✓ |
| S8.5 | S6.2 | The contractor will open a billing account with EPD in accordance with the <i>Waste Disposal (Charges for Disposal of Construction Waste) Regulation</i> for the payment of disposal charges. | During construction | Contractor(s) | | ✓ | | <i>Cap 354N Waste Disposal (Charges for Disposal of Construction Waste) Regulation</i> | ✓ |
| S8.5 | S6.2 | A trip-ticket system will be established in accordance with <i>DEVB TC(W) No. 6/2010</i> to monitor the reuse of surplus excavated materials off-site and | During construction | Contractor(s) | | ✓ | | <i>DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction &</i> | ✓ N/A for LNG Terminal |

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| | | disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping. | | | | | | <i>Demolition Materials</i> | |
| S8.5 | S6.2 | A WMP as stated in the <i>PNAP ADV-19</i> for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established and implemented during the construction phase as part of the Environmental Management Plan (EMP). The Contractor will be required to prepare the EMP and submits it to the Architect/ Engineer under the Contract for approval prior to implementation. | All areas / During construction | Contractor(s) | | ✓ | | <i>PNAP ADV-19</i> | ✓ |
| S8.5 | Table 6.1 | The management of dredged marine sediment requirement from <i>PNAP ADV-21</i> will be incorporated in the Contract for the construction and maintenance dredging during the operation of the Project. | Marine works / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | <i>PNAP ADV-21 and Dumping at Sea Ordinance (DASO)</i> | N/A |
| S8.5/ S7.9 | S6.2 / S5 | Disposal vessels will be fitted with tight bottom seals in order to prevent leakage of material during transport. | Dredged areas / During construction | Contractor(s)/ Project Proponents | | ✓ | | <i>Dumping at Sea Ordinance (DASO)</i> | N/A |

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| S8.5/ S7.9 | S6.2 / S5 | Barges will be filled to a level, which ensures that of marine sediment and marine sediment laden water does not spill over during loading or transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action. | Dredged areas / During construction | Contractor(s)/ Project Proponents | | ✓ | | <i>Dumping at Sea Ordinance (DASO)</i> | N/A |
| S8.5/ S7.9 | S6.2 / S5 | After dredging, any excess materials will be cleaned from decks and exposed fittings before the vessel is moved from the dredging area. | Dredged areas / During construction | Contractor(s)/ Project Proponents | | ✓ | | <i>Dumping at Sea Ordinance (DASO)</i> | N/A |
| S8.5/ S7.9 | S6.2 / S5 | When the dredged material has been unloaded at the disposal areas, any material that has accumulated on the deck or other exposed parts of the vessel will be removed and placed in the hold or a hopper. Under no circumstances will decks be washed clean in a way that permits material to be released overboard. | Dredged areas / During construction | Contractor(s)/ Project Proponents | | ✓ | | | N/A |

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| | | | | | D | C | O | | |
| S8.5 | S6.2 | Dredgers will maintain adequate clearance between vessels and the seabed at all states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash. | Dredged areas / During construction | Contractor(s)/ Project Proponents | | ✓ | | | N/A |
| S8.5 | Table 6.1 | C&D materials will be segregated on-site into public fill and non-inert C&D materials and stored in different containers or skips to facilitate reuse of the public fill and proper disposal of the construction waste. Specific areas of the land and marine-based construction sites will be designated for such segregation and storage if immediate use is not practicable. Prefabrication will be adopted as far as practicable to reduce the construction waste arisings. | During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS |
| S8.5 | Table 6.1 | The contractor(s) will register as a chemical waste producer with the EPD. Chemical waste will be handled in accordance with the <i>Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</i> . | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | <i>Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Labelling and</i> | ✓ |

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| | | | | | D | C | O | | |
| | | | | | | | | <i>Storage of Chemical Wastes</i> | |
| S8.5 | Table 6.1 | Containers used for storage of chemical wastes will: <ul style="list-style-type: none"> • Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; • Have a capacity of less than 450 L unless the specifications have been approved by the EPD; and • Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations. | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | <i>Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</i> | N/A for GRS in BPPS N/A for BPPS Pipeline, LPS Pipeline, GRS in LPS and LNG Terminal |
| S8.5 | Table 6.1 | The storage area for chemical wastes will: <ul style="list-style-type: none"> • Be clearly labelled and used solely for the storage of chemical waste; • Be enclosed on at least 3 sides; • Have an impermeable floor and bunding, of capacity to | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | <i>Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</i> | N/A for GRS in BPPS N/A for BPPS Pipeline, LPS Pipeline, GRS in LPS and LNG Terminal |

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| | | accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest; <ul style="list-style-type: none"> • Have adequate ventilation; • Be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and • Be arranged so that incompatible materials are appropriately separated. | | | | | | | |
| S8.5 | Table 6.1 | Chemical waste will be disposed of: <ul style="list-style-type: none"> • Via a licensed waste collector; and • To a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Facility which also offers a chemical waste collection service and can supply the necessary storage containers. | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes | N/A |

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| S8.5 | Table 6.1 | General refuse (including the floating refuse collected) will be stored in enclosed bins separately from C&D materials and chemical wastes. Floating refuse will be collected on an 'as needed' basis for disposal as general refuse. Workers will be prohibited from throwing rubbish into the sea and adequate bins will be provided on both land and marine-based sites and marine vessels. General refuse will be delivered separately from C&D materials and chemical wastes for offsite disposal on a regular basis to reduce odour, pest and litter impacts. General refuse from the marine vessels will be collected and disposed on shore. | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | ✓ |
| S8.5 | Table 6.1 | Recycling bins will be provided at strategic locations within the land and marine-based construction site and marine vessels to facilitate recovery of recyclable materials (including aluminium can, waste paper, glass bottles and plastic bottles) from the Project Site. Materials recovered will be sold for recycling. | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | N/A for GRS in BPPS and BPPS Pipeline N/A for LPS Pipeline and LNG Terminal |

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| | | | | | D | C | O | | |
| | | | | | | | | | N/A for material recovered being sold for recycling |
| S8.5 | S6.2 | To avoid any odour and litter impact, appropriate number of portable toilets will be provided for workers on-site. | All areas / During construction / During operation | Contractor(s) | | ✓ | ✓ | - | ✓ |
| S8.5 | S6.2 | At the commencement of the construction works and operations, training will be provided to workers on the concepts of site cleanliness and on appropriate waste management procedures, including waste reduction, reuse and recycling. In particular, the training will emphasize no dumping of waste into the sea is allowed, particularly at marine-based work sites and on marine vessels. | All areas / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | ✓ |
| S8.5 | S6.2 | Industrial waste arising from maintenance activities will be segregated. Scrap metals and recyclables will be sent for recycling to reduce the overall | All areas / During operation | Project Proponents | | | ✓ | - | N/A |

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|----------------|----------------|---|---|--|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | quantity of waste disposed from these activities. | | | | | | | |
| S8.7 | S6.1 | It is recommended that monthly audits of the waste management practices be carried out during the construction phase land-based work sites (at the GRSs at the BPPS and the LPS), and at marine-based work sites (on marine vessels and Jetty) to determine if wastes are being managed in accordance with the recommended good site practices and WMP. The audits will include all aspects of waste management including waste generation, storage, handling, recycling, transportation and disposal, to prevent any dumping of waste into the sea or malpractice of waste disposal. | All areas / During construction | Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC) | | ✓ | | - | ✓ |
| Ecology | | | | | | | | | |
| S9.11.2 | S7 | The vessel operators will be required to control and manage all effluent from vessels. These kinds of wastewater shall be brought back to port where possible and discharged at appropriate collection and treatment system to | Marine works / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | ✓ |

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|---------------|----------------|--|---|------------------------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | prevent avoidable water quality impact. | | | | | | | |
| S9.11.2 | S7 | A policy of no dumping of rubbish, food, oil, or chemicals will be strictly enforced. This will also be covered in the contractor briefings. | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |
| S9.11.2 | S7 | Only well-maintained and inspected vessels would be used to limit any potential discharges to the marine environment. | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |
| S9.11.2 | S7 | Standard site practices outlined in <i>ProPECC PN 1/94 "Construction Site Drainage"</i> will be followed as far as practicable in order to reduce surface runoff, minimise erosion, and also to retain and reduce any SS prior to discharge. | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | <i>ProPECC PN 1/94</i> | ✓ |
| S9.11.3 | S7 | Pipeline dredging/ jetting works between North of Tai O and Fan Lau (BPPS KP21.3 to 15.6) will avoid the peak months of Chinese White Dolphin (CWD) calving (May and June). | Marine works (Dredging/ jetting works between North of Tai O and Fan Lau along the BPPS Pipeline) / During construction | Contractor(s) | | ✓ | | - | N/A |

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|---------------|----------------|--|---|----------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| S9.11.3 | S7 | Pipeline dredging/ jetting works between South of Soko Islands and the LNG Terminal (BPPS KP8.9 to 0.0) will be restricted to a daily maximum of 12 hours with daylight (0700 – 1900) operations. | Marine works (Dredging/ jetting works between South of Soko Islands and the LNG Terminal along the BPPS Pipeline) / During construction | Contractor(s) | | ✓ | | - | N/A |
| S9.11.3 | S7 | Pipeline dredging/ jetting from LNG Terminal to South of Shek Kwu Chau (LPS KP0.0 to 5.0) will be restricted to a daily maximum of 12 hours with daytime (0700 – 1900) operations. | Marine works (Dredging/ jetting works between from LNG Terminal to South of Shek Kwu Chau along the LPS Pipeline) / During construction | Contractor(s) | | ✓ | | - | N/A |
| S9.11.3 | S7 | Use of vibratory/ hydraulic pushing method to vibrate / push the open-ended steel tubular pile for the upper layer of the seabed and only use hydraulic hammer (if needed) to install the remainder of the pile length through the lower layer of the seabed. During underwater percussive piling works: | Marine works (Piling at the LNG Terminal) / During construction | Contractor(s) | | ✓ | | - | N/A |

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|---------------|----------------|---|---|----------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | <ul style="list-style-type: none"> Quieter hydraulic hammers should be used instead of the noisier diesel hammers; Use of Noise Reduction System for hydraulic hammering; Acoustic decoupling of noisy equipment on work barges should be undertaken; Using ramp-up piling procedures. This comprises of low energy driving for a period of time prior to commencement of full piling. This will promote avoidance of the area by marine mammals when sounds levels are not injurious. Blow frequency during this ramping up period should replicate the intensity that would be undertaken during full piling (e.g. one blow every two seconds) to provide cues for marine mammals to localize the sound source. Pile blow energy should be ramped up gradually over the 'soft start' period. Activities will be continuous without short-breaks and avoiding sudden | | | | | | | |

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|---------------|----------------|--|---|------------------------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | random loud sound emissions; <ul style="list-style-type: none"> Underwater percussive piling should be conducted inside a bubble curtain so as to ameliorate underwater sound level transmission; The percussive pile driving will be conducted during the daytime (0700 – 1900) for a maximum of 12 hours, avoiding generation of underwater sounds at night time; and Underwater percussive piling works for the Jetty construction will avoid the peak season of FP (December to May). | | | | | | | |
| S9.11.3 | S7 | The vessel operators of this Project will be required to use predefined and regular routes (that do not encroach into existing and proposed marine parks), make use of designated fairways to access the works areas, and would avoid traversing sensitive habitats such as existing and proposed marine parks (with the exception of the FSRU Vessel which will need to transit through | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |

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|---------------|----------------|--|---|-----------------------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | the proposed SLMP during manoeuvring to the Jetty and after typhoon event due to its safe operational requirement). | | | | | | | |
| S9.11.3 | S7 | Any anchoring/ anchor spread requirements during Project construction will avoid encroachment into the existing and proposed marine parks, unless otherwise agreed by the Director of Environmental Protection. | Marine works (on existing, planned and potential marine parks) / During construction | Contractor(s)/ Project Proponents | | ✓ | | - | ✓ |
| S9.11.3 | S7 | Silt curtain deployment during Project construction and maintenance dredging will avoid encroachment into the existing and proposed marine parks, unless otherwise agreed by the Director of Environmental Protection. | Marine works (on existing, planned and potential marine parks) / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | N/A |
| S9.11.3 | S7 | No stopping over or anchoring activity of vessels related to the Project should be conducted within existing and proposed marine parks, even before, during and after typhoon, unless | Marine works (on existing, planned and potential marine parks) / During construction / During operation | Contractor(s)/ Project Proponents | | ✓ | ✓ | - | ✓ |

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|---------------|----------------|--|---|------------------------------------|-------------------------------------|---|---|-----------------------------------|--|
| | | | | | D | C | O | | |
| | | otherwise agreed by the Director of Environmental Protection. | | | | | | | |
| S9.11.3 | S7 | Use of appropriate dredging and jetting rates with the use of silt curtain where needed as recommended in the Water Quality section (Section 7 of the EIA Report) to reduce potential water quality impacts from elevated suspended solids (SS) due to the proposed marine works. | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | N/A |
| S9.11.3 | S7 | Silt curtain will be checked and maintained to ensure its effectiveness in mitigating water quality impacts on existing, planned and potential marine parks. | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |
| S9.11.3 | S7 | All vessel operators working on the Project will be given a briefing, alerting them to the locations of the existing, proposed and potential marine parks and the regulations for marine parks, the possible presence of dolphins and porpoises in the marine works areas, and the guidelines for safe vessel operation in the presence of cetaceans. The vessels will | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |

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|---------------|----------------|---|---|------------------------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | avoid using high speed as far as possible. By observing the guidelines, vessels will be operated in an appropriate manner so that marine mammals will not be subject to undue disturbance or harassment. | | | | | | | |
| S9.11.3 | S7 | All vessels used in this Project will be required to slow down to 10 knots around the Project's marine works areas and areas with high dolphin and porpoise usage, including existing and proposed marine parks. With implementation of this measure, the chance of vessel strike resulting in physical injury or mortality of marine mammals will be extremely unlikely. | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | ✓ |
| S9.11.3 | S7 | During underwater percussive piling works, a marine mammal exclusion zone within a radius of 500m radius will be implemented during underwater percussive piling works. Qualified observer(s) will scan an exclusion zone of 500m radius around the work area for at least 30 minutes prior to the start of piling. If a marine mammal is observed in the | Marine works / During construction | Contractor(s) / Project Proponents | | ✓ | | - | N/A |

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|---------------|----------------|--|---|------------------------------------|-------------------------------------|---|---|-----------------------------------|--|
| | | | | | D | C | O | | |
| | | exclusion zone, piling will be delayed until they have left the area. This measure will ensure the area in the vicinity of the underwater percussive piling work is clear of marine mammals prior to the commencement of works and will serve to reduce any disturbance to marine mammals. When a marine mammal is spotted by qualified personnel within the exclusion zone, piling works will cease and will not resume until the observer confirms that the zone has been continuously clear of the marine mammal for a period of 30 minutes. This measure will ensure the area in the vicinity of the piling is clear of the marine mammal during works and will serve to reduce any disturbance to marine mammals. | | | | | | | |
| S9.11.3 | S7 | During marine dredging or jetting operations, a marine mammal exclusion zone within a radius of 250m from dredger or jetting machine will be implemented. Qualified observer(s) will scan an exclusion zone of 250m radius around the work area for at least | Marine works / During construction / During operation | Contractor(s) / Project Proponents | | ✓ | ✓ | - | N/A for BPPS Pipeline and LPS Pipeline |

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|---------------|----------------|--|---|----------------------|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | 30 minutes prior to the start of dredging or jetting. If cetaceans or other megafauna are observed in the exclusion zone, dredging or jetting will be delayed until they have left the area. This measure will ensure the area in the vicinity of the dredging or jetting work is clear of marine mammals prior to the commencement of works and will serve to reduce any disturbance to marine mammals. When a marine mammal is spotted by qualified personnel within the exclusion zone, dredging or jetting works will cease and will not resume until the observer confirms that the zone has been continuously clear of the marine mammal for a period of 30 minutes. This measure will ensure the area in the vicinity of the works is clear of the marine mammal during works and will serve to reduce any disturbance to marine mammals. If necessary, for night-time works, exclusion zone monitoring for FP by underwater acoustic means would be explored to supplement the exclusion zone monitoring by trained observers. A site trial will | | | | | | | |

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|------------------|----------------|---|---|--|-------------------------------------|---|---|-----------------------------------|-----------------------|
| | | | | | D | C | O | | |
| | | be conducted to demonstrate its practicability/ effectiveness before actual implementation during the night-time works. | | | | | | | |
| S9.11.3 | S7 | Implementation of a contingency plan to contain and clean up the spilled or leaked fuels or chemicals at the LNG Terminal, surrounding waters and marine parks. | Marine site for the LNG Terminal / During operation | Contractor(s) / HKLTL | | | ✓ | - | N/A |
| S9.15.1 | S7 | Baseline, impact and post-construction monitoring of marine mammal using vessel-based line transect surveys and passive acoustic monitoring (PAM) will be undertaken to keep track of potential changes in the usage of waters in the vicinity of the Project's works areas by FP. Prior to the commencement of monitoring, methods will be agreed with the AFCD. | Marine site / During construction | Contractor(s) / ET/ Project Proponents | | ✓ | | - | N/A |
| Fisheries | | | | | | | | | |
| S10.8 | S8 | The mitigation measures designed to mitigate impacts to water quality to acceptable levels (compliance with assessment criteria) and marine ecological | During construction and operation | Contractor(s) / Project Proponents / Environmental Team (ET) & Independent | | ✓ | ✓ | - | ✓ |

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|---------------|----------------|--|---|--|-------------------------------------|---|---|-----------------------------------|--|
| | | | | | D | C | O | | |
| | | impacts are expected to mitigate impacts to fisheries resources. | | Environmental Checker (IEC) | | | | | |
| S10.8 | S8 | Impingement and entrainment of fisheries resources will be reduced through appropriate design of the intake screens on the cooling water intake. | During operation for the LNG Terminal | Contractor(s) / HKLTL | | | ✓ | - | N/A |
| Visual | | | | | | | | | |
| S11.8 | S9 | Sensitive architectural design of the new facilities. This should take into account material texture, colour, finished to structure and the context of the site to ensure the GRSs at the BPPS and LPS blend into the existing context, cause least disturbance to the existing land. LNG Terminal will be designed for marine safety and operations, in accordance with relevant standards and regulations and sensitive architectural design will be considered where practicable. | All areas / Detailed design / During construction / During operation | Design Contractor / Project Proponents | ✓ | ✓ | ✓ | - | ✓ |
| S11.8 | S9 | Pre-construction and construction period for the GRSs and LNG Terminal should be reduced as far as practical to lower visual impact. | All areas / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS, GRS in LPS and LNG Terminal |

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|--------------------------|----------------|--|---|--|-------------------------------------|---|---|-----------------------------------|---|
| | | | | | D | C | O | | |
| S11.8 | S9 | Following construction, land areas temporarily affected by the construction works, will be reinstated to their former state. | Land sites for the GRSs within BPPS and LPS / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| S11.8 | S9 | Light intensity and beam directional angle should be controlled at the GRSs and the LNG Terminal at the design stage to reduce light pollution and glare (e.g. hooded lights, specific directional focus, etc.). | All areas / Detailed design / During operation | Design Contractor / Project Proponents | ✓ | | ✓ | - | N/A |
| S11.8 | S9 | Any plants to be affected by the GRSs at the BPPS and the LPS should be preserved and care taken to ensure the existing health status of the vegetation is maintained or enhanced after construction. | All areas / During construction | Contractor(s) | | ✓ | | - | N/A for GRS in BPPS N/A for GRS in LPS |
| Cultural Heritage | | | | | | | | | |
| S12.7 | S10 | N/A | | | | | | | N/A |

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TABLE C.2 SUMMARY OF MITIGATION MEASURES FOR PIPELINE CONSTRUCTION WORKS

| Work Location | Plants Involved | Allowed Maximum Work Rate | Silt Curtain at Plants | Silt Curtain at Water Sensitive Receivers | Other Measures | Implementation Status |
|--|--|--|------------------------|--|---|-----------------------|
| LPS Pipeline (under FEP-02/558/2018/A) | | | | | | |
| Pipeline shore approach at LPS (KP17.4-18.2) | 1 Grab Dredger | 1,600m ³ day ⁻¹ for 24 hours each day | Yes | Not required | | N/A |
| West Lamma Channel (KP14.5-17.4) | 1 Jetting Machine | 1,000m day ⁻¹ for 24 hours each day | Yes | Not required | | N/A |
| South of Shek Kwu Chau to West Lamma Channel (KP5.0-14.5) | 1 Jetting Machine | 7,000m day ⁻¹ for 24 hours each day | Yes | Not required | | N/A |
| Double Berth Jetty to South of Shek Kwu Chau (KP0.1-5.0) | 1 Jetting Machine | 720m day ⁻¹ for 24 hours each day | Yes | Two layers at Eastern Boundary of the Proposed South Lantau Marine Park (KP0.1-5.0) | Daily maximum of 12 hours with daylight (0700 – 1900) | N/A |
| Pipeline Riser Sections at Double Berth Jetty (under FEP-02/558/2018/A and FEP-03/558/2018/B) | | | | | | |
| Pipeline Riser (KP0.0-0.1 for both pipelines) | 1 Grab Dredger | 8,000m ³ day ⁻¹ for 24 hours each day | Yes | Not required | Daily maximum of 12 hours with daylight (0700 – 1900) | N/A |
| BPPS Pipeline (under FEP-03/558/2018/B) | | | | | | |
| Jetty Approach (KP0.1-5.0), excluding Subsea Cable Sterile Corridors | 1 Jetting Machine (Note 1) | 1,000m day ⁻¹ for 24 hours each day | Yes | Not required for grab dredging; Two layers at Southern Boundary of the Proposed South Lantau Marine Park (KP0.1-8.9) for jetting | Daily maximum of 12 hours with daylight (0700 – 1900) | N/A |
| Subsea Cable Sterile Corridors (KP1.49-2.75 and KP3.55-4.43) | 2 Grab Dredgers, followed by 1 Jetting Machine | 8,000m ³ day ⁻¹ for 24 hours each day for each dredger 720m day ⁻¹ for 24 hours each day jetting machine | Yes | | | N/A |

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| Work Location | Plants Involved | Allowed Maximum Work Rate | Silt Curtain at Plants | Silt Curtain at Water Sensitive Receivers | Other Measures | Implementation Status |
|---|----------------------------|---|-------------------------------|--|---|------------------------------|
| South of Soko Islands (KP5.0-8.9) | 1 Jetting Machine (Note 1) | 1,000m day ⁻¹ for 24 hours each day | Yes | | | N/A |
| Southwest of Soko Islands (KP8.9-12.1) | 1 Jetting Machine (Note 1) | 1,000m day ⁻¹ for 24 hours each day | Yes | Not required | | N/A |
| Adamasta Channel (KP12.1-15.6) | 1 Jetting Machine (Note 1) | 1,000m day ⁻¹ for 24 hours each day | Yes | Not required | | N/A |
| Southwest Lantau (KP15.6-21.3) | 1 Jetting Machine (Note 1) | 1,500 m day ⁻¹ for 24 hours each day | Yes | Not required | Avoid the peak months of Chinese White Dolphin (CWD) calving (May and June) | N/A |
| West of Tai O to West of HKIA (KP21.3-31.5) | 1 Jetting Machine (Note 1) | 1,500m day ⁻¹ for 24 hours each day from KP KP26.2 to 21.3 720m day ⁻¹ for 24 hours each day from KP31.5 to 26.2 | Yes | Not required | | N/A |
| Sha Chau to Lung Kwu Chau (KP31.5-36.0) | 1 Jetting Machine (Note 1) | 720m day ⁻¹ for 24 hours each day | Yes | Two layers at Western Boundary of the Sha Chau and Lung Kwu Chau Marine Park (KP31.5-36.0) | | N/A |
| Sha Chau to Lung Kwu Chau (KP36.0-37.5) | 1 Jetting Machine (Note 1) | 720m day ⁻¹ for 24 hours each day | Yes | Two layers at Western Boundary of the Sha Chau and Lung Kwu Chau Marine Park (KP36.0-37.5) | | N/A |

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| Work Location | Plants Involved | Allowed Maximum Work Rate | Silt Curtain at Plants | Silt Curtain at Water Sensitive Receivers | Other Measures | Implementation Status |
|--|----------------------------|---|------------------------|---|----------------|-----------------------|
| Lung Kwu Chau to Urmston Anchorage (KP37.5-41.1) | 1 Jetting Machine (Note 1) | 1,000m day ⁻¹ for 24 hours each day | Yes | Two layers at Northwestern corner of Sha Chau and Lung Kwu Chau Marine Park (KP37.5-41.1) | | N/A |
| Urmston Road (KP41.1-42.9) | 1 Grab Dredger | 8,000m ³ day ⁻¹ for 24 hours each day | Yes | Not required | | N/A |
| West of BPPS (KP42.9-44.9) | 1 Jetting Machine (Note 1) | 1,000m day ⁻¹ for 24 hours each day | Yes | Two layers at CR1, CR2 (Note 2) | | N/A |
| Pipeline shore approach at BPPS (KP44.9-45.0) | 1 Grab Dredger | 1,500m ³ day ⁻¹ for 24 hours each day | Yes | Two layers at CR1, CR2 (Note 2) | | N/A |

Notes:

(1) No more than two jetting machines will be used for the construction of the subsea gas pipeline of the Project. In addition to existing relevant mitigation measures, the minimum separation distance between the two jetting machines for avoiding cumulative impact is 5km for most of the pipeline sections, except when one jetting machine is working at the subsea cable sterile corridors (i.e. KP1.49 – KP2.75 and KP3.55 – KP4.43). When one jetting machine is working at the subsea cable sterile corridors, no other jetting machine will work concurrently within KP0.0-KP14.25, i.e., between the Jetty and Adamasta Channel.

(2) CR1 and CR2 denote the coral colonies identified at the artificial seawall at BPPS.

ANNEX D

STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS

TABLE D.1 STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS FOR WHOLE PROJECT (FEP-01/558/2018/A, FEP-02/558/2018/A & FEP-03/558/2018/B)

| Item | Description | Ref. No. | Date of Expiry | Status |
|------|--|-----------------------------------|----------------|--|
| 1 | Notification Pursuant to Section 3(1) of <i>Air Pollution Control (Construction Dust) Regulation</i> | 481861 | N/A | Valid |
| 2 | Billing Account under <i>Waste Disposal (Charges for Disposal of Construction Waste) Regulation</i> | 7037035 | N/A | Valid |
| 3 | Registration as Chemical Waste Producer under <i>Waste Disposal (Chemical Waste) (General) Regulation</i> | WPN 5213-912-C4445-01 (Note 1) | N/A | Registration completed on 12 May 2020 |
| 4 | Registration as Chemical Waste Producer under <i>Waste Disposal (Chemical Waste) (General) Regulation</i> | WPN 5218-934-C4445-03 (Note 2) | N/A | Registration completed on 22 July 2021 |
| 5 | Construction Noise Permit (for construction site for the Hong Kong Offshore LNG Terminal Project) under <i>Noise Control Ordinance</i> | GW-RS0204-23 | 30 Sep 2023 | Validity until 30 September 2023 |

Notes:

- (1) The location/premises where the waste is produced (i.e. Working Vessel – Lan Jiang, Lan Jing, Hai Yang Shi You 202) as per the registration.
- (2) The location/premises where the waste is produced (i.e. Working Vessel – Mencast Offshore 1, Bin Hai 109, Coastal Supreme, CPOE-101) as per the registration.

TABLE D.2 STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS FOR FEP-01/558/2018/A

| Item | Description | Ref. No. | Date of Expiry | Status |
|------|--|---------------------------|----------------|-------------------------------|
| 1 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-01/558/2018 | N/A | Issued on 17 Jan 2020 |
| 2 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-01/558/2018/A | N/A | Issued on 6 Nov 2020 |
| 3 | Certificate of Approval on Installation of Chimneys/Flues connected to Emergency Generator under <i>Air Pollution Control (Furnaces, Ovens and Chimneys) (Installation and Alteration Regulations)</i> | (7) in 475740 (Note 1) | N/A | Approval issued on 6 Jan 2022 |
| 4 | Wastewater Discharge License under <i>Water Pollution Control Ordinance</i> | WT00042533-2022 | 31 Jan 2028 | Approval issued on 9 Jan 2023 |

Note:

- (1) The location/premises where the chimney/flue is installed (i.e. The Offshore LNG Terminal) as per the certificate.

TABLE D.3 STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS FOR FEP-02/558/2018/A

| Item | Description | Ref. No. | Date of Expiry | Status |
|------|---|--------------------------|----------------|--|
| 1 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-02/558/2018 | N/A | Issued on 17 Jan 2020 |
| 2 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-02/558/2018/A | N/A | Issued on 22 Dec 2020 |
| 3 | Wastewater Discharge License under <i>Water Pollution Control Ordinance</i> | WT00039668-2021 (Note 1) | 31 Jan 2024 | Validity from 17 Jan 2022 to 31 Jan 2024 |

Note:

- (1) The location/premises where the industrial trade effluent is discharged into marine water (i.e. Jetty Platform (MD1) of offshore LNG Terminal located at about 936m distance from South-West Hong Kong Water Boundary) as per the license.

TABLE D.4 STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS FOR FEP-03/558/2018/B

| Item | Description | Ref. No. | Date of Expiry | Status |
|------|---|--------------------------------|----------------|---|
| 1 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-03/558/2018 | N/A | Issued on 17 Jan 2020 |
| 2 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-03/558/2018/A | N/A | Issued on 22 Jan 2021 |
| 3 | Further Environmental Permit under <i>EIA Ordinance</i> | FEP-03/558/2018/B | N/A | Issued on 25 Aug 2021 |
| 4 | Registration as Chemical Waste Producer under <i>Waste Disposal (Chemical Waste) (General) Regulation</i> | WPN 5293-431-P2781-26 (Note 1) | N/A | Registration completed on 1 Dec 2020 |
| 5 | Wastewater Discharge License under <i>Water Pollution Control Ordinance</i> | WT00037473-2021 (Note 2) | 31 Mar 2026 | Validity from 9 Mar 2021 to 31 Mar 2026 |
| 6 | Wastewater Discharge License under <i>Water Pollution Control Ordinance</i> | WT00040543-2022 (Note 3) | 31 May 2024 | Validity from 4 May 2022 to 31 May 2024 |

Notes:

- (1) The location/premises where the waste is produced (i.e. Black Point Power Station) as per the registration.
 (2) The location/premises where the industrial trade effluent is discharged into communal storm water drain (i.e. construction site at Black Point Power Station, Tuen Mun) as per the license.
 (3) The location/premises where the industrial trade effluent is discharged into marine water (i.e. Jetty Platform (MD1) of offshore LNG Terminal located at about 936m distance from South-West Hong Kong Water Boundary) as per the license.

ANNEX E

WASTE MANAGEMENT CHECKLIST

TABLE E.1 WASTE MANAGEMENT CHECKLIST

| Activities | Timing | Checking Frequency | Works Area(s) | Compliance (✓) / Non-compliance (x) |
|--|----------------------------------|--------------------|---|--|
| Necessary waste disposal permits or licences have been obtained. | Before the commencement of works | Once | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ✓ ✓ ✓ |
| Dredged sediments are managed and disposed in accordance with <i>PNAP ADV-21: Management Framework for Disposal of Dredged/ Excavated Sediment and Dumping at Sea Ordinance (DASO)</i> . | Throughout the dredging works | Each Month | FEP-02/558/2018/A FEP-03/558/2018/B | No marine sediment was dredged/ excavated in the reporting period. No marine sediment was dredged/ excavated in the reporting period. |
| Waste are collected by licensed waste hauliers and disposed of at licensed sites. | Throughout the works | Each Week | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ✓ ✓ ✓ |
| Records of quantities of wastes generated, recycled and disposed of and the disposal sites are properly kept. | Throughout the works | Each Month | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ✓ ✓ ✓ |
| Sufficient waste disposal points are provided. Wastes are collected and removed from site in a timely manner. General refuse is collected on a regular basis. | Throughout the works | Each Week | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ✓ ✓ ✓ |
| Waste storage areas are properly cleaned and do not cause windblown litter and dust nuisance. Appropriate measures to reduce windblown litter and dust nuisance of waste will be adopted, e.g. by either covering trucks or by transporting wastes in enclosed containers. | Throughout the works | Each Week | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ✓ ✓ ✓ |
| Different types of waste are segregated in different containers or skip to enhance reuse and recycling of material and proper disposal of waste. | Throughout the works | Each Week | FEP-01/558/2018/A FEP-02/558/2018/A FEP-03/558/2018/B | ✓ ✓ ✓ |

| Activities | Timing | Checking Frequency | Works Area(s) | Compliance (✓) / Non-compliance (x) |
|--|----------------------|---------------------------|----------------------|---|
| Chemical wastes are stored, handled and disposed of in accordance with the <i>Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</i> , published by the EPD. Chemical wastes are separated for special handling and appropriate treatment at the Chemical Waste Treatment Centre at Tsing Yi. | Throughout the works | Each Week | FEP-01/558/2018/A | No chemical waste was produced in the reporting period. |
| | | | FEP-02/558/2018/A | No chemical waste was produced in the reporting period. |
| | | | FEP-03/558/2018/B | No chemical waste was produced in the reporting period. |

ANNEX F

WASTE FLOW TABLE

Project Name: Hong Kong Offshore LNG Terminal Project (FEP-01/558/2018/A)

Monthly Summary Waste Flow Table for 2023 (year)

| Month | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of C&D Wastes Generated Monthly | | | | | |
|------------------|--|--|------------------------|--------------------------|-------------------------|---------------|---|-----------------------------|-------------------------|---------------------------|--------------|------------------------------|
| | Total Quantity Generated | Hard Rock and Large Broken Concrete ⁽¹⁾ | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper / Cardboard Packaging | Plastics ⁽²⁾ | Chemical Waste | | Others (e.g. general refuse) |
| | (in '000kg) | | | | | | (in '000kg ³) | | | (in '000kg ³) | (in '000L) | (in '000kg) |
| Jan | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 25.630 |
| Feb | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 31.910 |
| Mar | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 25.590 |
| Apr | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 30.200 |
| May | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | - | - | - | - | - | - | - | - | - | - | - | - |
| SUB-TOTAL | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 113.330 |
| Jul | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep | - | - | - | - | - | - | - | - | - | - | - | - |
| Oct | - | - | - | - | - | - | - | - | - | - | - | - |
| Nov | - | - | - | - | - | - | - | - | - | - | - | - |
| Dec | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 113.330 |

Notes :

- (1) Broken concrete for recycling into aggregates; and
- (2) Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging materials

Monthly Summary Waste Flow Table for 2023 (year)

| Month | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Monthly Quantities of Marine Sediment Generated | | | | | Actual Quantities of C&D Wastes Generated Monthly | | | | | |
|------------------|--|--|------------------------|--------------------------|-------------------------|---------------|--|------------------------------------|------------------------|---|----------------------------------|---|-----------------------------|-------------------------|---------------------------|------------|------------------------------|
| | Total Quantity Generated | Hard Rock and Large Broken Concrete ⁽¹⁾ | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Total Quantity of Type L Generated ⁽⁵⁾ | Total Quantity of Type M Generated | Reused in the Contract | Reused in other Projects ⁽⁴⁾ | Open Sea Disposed ⁽³⁾ | Metals | Paper / Cardboard Packaging | Plastics ⁽²⁾ | Chemical Waste | | Others (e.g. general refuse) |
| | (in '000kg) | | | | | | (in '000m ³) | | | | | (in '000kg ³) | | | (in '000kg ³) | (in '000L) | (in '000kg) |
| Jan | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Feb | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Mar | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 4.290 |
| Apr | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SUB-TOTAL | - | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 4.290 |
| Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Oct | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nov | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dec | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 4.290 |

Notes :
 (1) Broken concrete for recycling into aggregates; and
 (2) Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging materials

Project Name: Hong Kong Offshore LNG Terminal Project (FEP-02/558/2018/A)

Monthly Summary Waste Flow Table for 2023 (year)

| Month | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Monthly Quantities of Marine Sediment Generated | | | | Actual Quantities of C&D Wastes Generated Monthly | | | | | |
|-----------|--|--|------------------------|--------------------------|-------------------------|---------------|--|------------------------|--------------------------|-------------------|---|-----------------------------|-------------------------|---------------------------|------------|------------------------------|
| | Total Quantity Generated | Hard Rock and Large Broken Concrete ⁽¹⁾ | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Total Quantity of Type L Generated | Reused in the Contract | Reused in other Projects | Open Sea Disposed | Metals | Paper / Cardboard Packaging | Plastics ⁽²⁾ | Chemical Waste | | Others (e.g. general refuse) |
| | (in '000kg) | | | | | | (in '000m ³) | | | | (in '000kg ³) | | | (in '000kg ³) | (in '000L) | (in '000kg) |
| Jan | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Feb | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Mar | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Apr | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| May | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jun | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SUB-TOTAL | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Jul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Aug | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sep | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Oct | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nov | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dec | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

- Notes :
- (1) Broken concrete for recycling into aggregates; and
 - (2) Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging materials

ANNEX G

CUMULATIVE STATISTICS ON EXCEEDANCES, ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTION

TABLE G.1 CUMULATIVE STATISTICS ON EXCEEDANCES FOR FEP-01/558/2018/A

| Monitoring Parameter | Level of Exceedance | Total no. recorded in this reporting period ⁽¹⁾ | Total no. recorded since project commencement |
|--|---------------------|--|---|
| Marine Mammal (STG & ANI) (running quarterly) | Action | 0 | 0 |
| | Limit | 0 | 0 |

TABLE G.2 CUMULATIVE STATISTICS ON ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS FOR FEP-01/558/2018/A

| Reporting Period | Cumulative Statistics | | |
|---|--------------------------|-------------------------|-------------------------|
| | Environmental Complaints | Notification of Summons | Successful Prosecutions |
| This Reporting Period (1 to 30 Apr 2023) | 0 | 0 | 0 |
| Total no. recorded since project commencement | 1 | 0 | 0 |

⁽¹⁾ Exceedances, which are non-project related, are not shown in this table.

TABLE G.3 CUMULATIVE STATISTICS ON EXCEEDANCES FOR FEP-02/558/2018/A

| Monitoring Parameter | Level of Exceedance | Total no. recorded in this reporting period ⁽¹⁾ | Total no. recorded since project commencement |
|---|---------------------|--|---|
| Marine Water Quality (DO) (surface & middle) | Action | 0 | 0 |
| | Limit | 0 | 0 |
| Marine Water Quality (DO) (bottom) | Action | 0 | 0 |
| | Limit | 0 | 0 |
| Marine Water Quality (Turbidity) (depth-averaged) | Action | 0 | 0 |
| | Limit | 0 | 0 |
| Marine Water Quality (SS) (depth-averaged) | Action | 0 | 0 |
| | Limit | 0 | 0 |

TABLE G.4 CUMULATIVE STATISTICS ON ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS FOR FEP-02/558/2018/A

| Reporting Period | Cumulative Statistics | | |
|---|--------------------------|-------------------------|-------------------------|
| | Environmental Complaints | Notification of Summons | Successful Prosecutions |
| This Reporting Period (1 to 30 Apr 2023) | 0 | 0 | 0 |
| Total no. recorded since project commencement | 3 | 0 | 0 |

⁽¹⁾ Exceedances, which are non-project related, are not shown in this table.

TABLE G.5 CUMULATIVE STATISTICS ON EXCEEDANCES FOR FEP-03/558/2018/B

| Monitoring Parameter | Level of Exceedance | Total no. recorded in this reporting period ⁽¹⁾ | Total no. recorded since project commencement |
|---|---------------------|--|---|
| Marine Water Quality (DO) (surface & middle) | Action Limit | 0 0 | 0 0 |
| Marine Water Quality (DO) (bottom) | Action Limit | 0 0 | 0 0 |
| Marine Water Quality (Turbidity) (depth-averaged) | Action Limit | 0 0 | 0 0 |
| Marine Water Quality (SS) (depth-averaged) | Action Limit | 0 0 | 0 0 |

TABLE G.6 CUMULATIVE STATISTICS ON ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS FOR FEP-03/558/2018/B

| Reporting Period | Cumulative Statistics | | |
|---|--------------------------|-------------------------|-------------------------|
| | Environmental Complaints | Notification of Summons | Successful Prosecutions |
| This Reporting Period (1 to 30 Apr 2023) | 0 | 0 | 0 |
| Total no. recorded since project commencement | 1 | 0 | 0 |

⁽¹⁾ Exceedances, which are non-project related, are not shown in this table.

ANNEX H

POST CONSTRUCTION MONITORING SCHEDULE FOR THE REPORTING PERIOD

**Environmental Team Consultancy Services for the Hong Kong Offshore LNG Terminal Project
Post-Construction Marine Mammal Monitoring Schedule (April 2023)**

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|---------------------|-------------------------|---------------------|-------------------------|-----------------------|----------|
| | | | | | | 1/Apr |
| | | | | | | |
| 2/Apr | 3/Apr | 4/Apr | 5/Apr | 6/Apr | 7/Apr | 8/Apr |
| | | | | | | |
| 9/Apr | 10/Apr | 11/Apr | 12/Apr | 13/Apr | 14/Apr | 15/Apr |
| | | | Vessel Survey (SWL) | Vessel Survey (SEL/SWL) | Vessel Survey (Lamma) | |
| 16/Apr | 17/Apr | 18/Apr | 19/Apr | 20/Apr | 21/Apr | 22/Apr |
| | | | | Vessel Survey (Lamma) | | |
| 23/Apr | 24/Apr | 25/Apr | 26/Apr | 27/Apr | 28/Apr | 29/Apr |
| | Vessel Survey (SWL) | Vessel Survey (SEL/SWL) | Vessel Survey (SEL) | | | |
| 30/Apr | | | | | | |
| | | | | | | |

ANNEX I

TENTATIVE POST CONSTRUCTION MONITORING SCHEDULE FOR THE NEXT REPORTING PERIOD

**Environmental Team Consultancy Services for the Hong Kong Offshore LNG Terminal Project
Tentative Post-Construction Marine Mammal Monitoring Schedule (May 2023)**

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------|
| | 1/May | 2/May | 3/May | 4/May | 5/May | 6/May |
| | | Vessel Survey (SEL/SWL/Lamma) | | Vessel Survey (SEL/SWL/Lamma) | | |
| 7/May | 8/May | 9/May | 10/May | 11/May | 12/May | 13/May |
| | | | Vessel Survey (SEL/SWL/Lamma) | | Vessel Survey (SEL/SWL/Lamma) | |
| 14/May | 15/May | 16/May | 17/May | 18/May | 19/May | 20/May |
| | | Vessel Survey (SEL/SWL/Lamma) | | | Vessel Survey (SEL/SWL/Lamma) | |
| 21/May | 22/May | 23/May | 24/May | 25/May | 26/May | 27/May |
| | | | | | | |
| 28/May | 29/May | 30/May | 31/May | | | |
| | | | | | | |

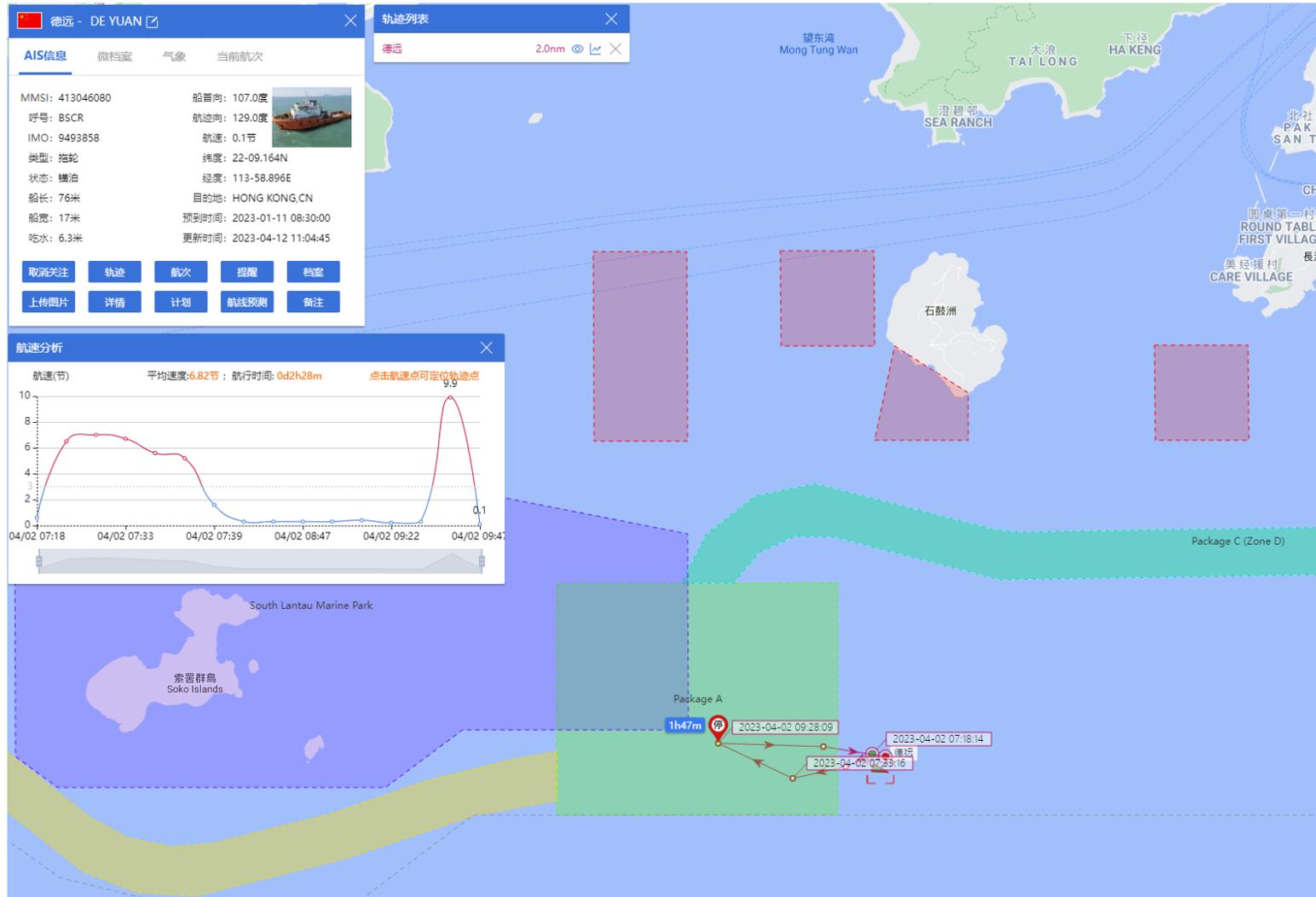
ANNEX J

RECORDS OF OPERATING SPEEDS AND MARINE TRAVEL ROUTES OF WORKING VESSELS

(ELECTRONIC COPY ONLY)

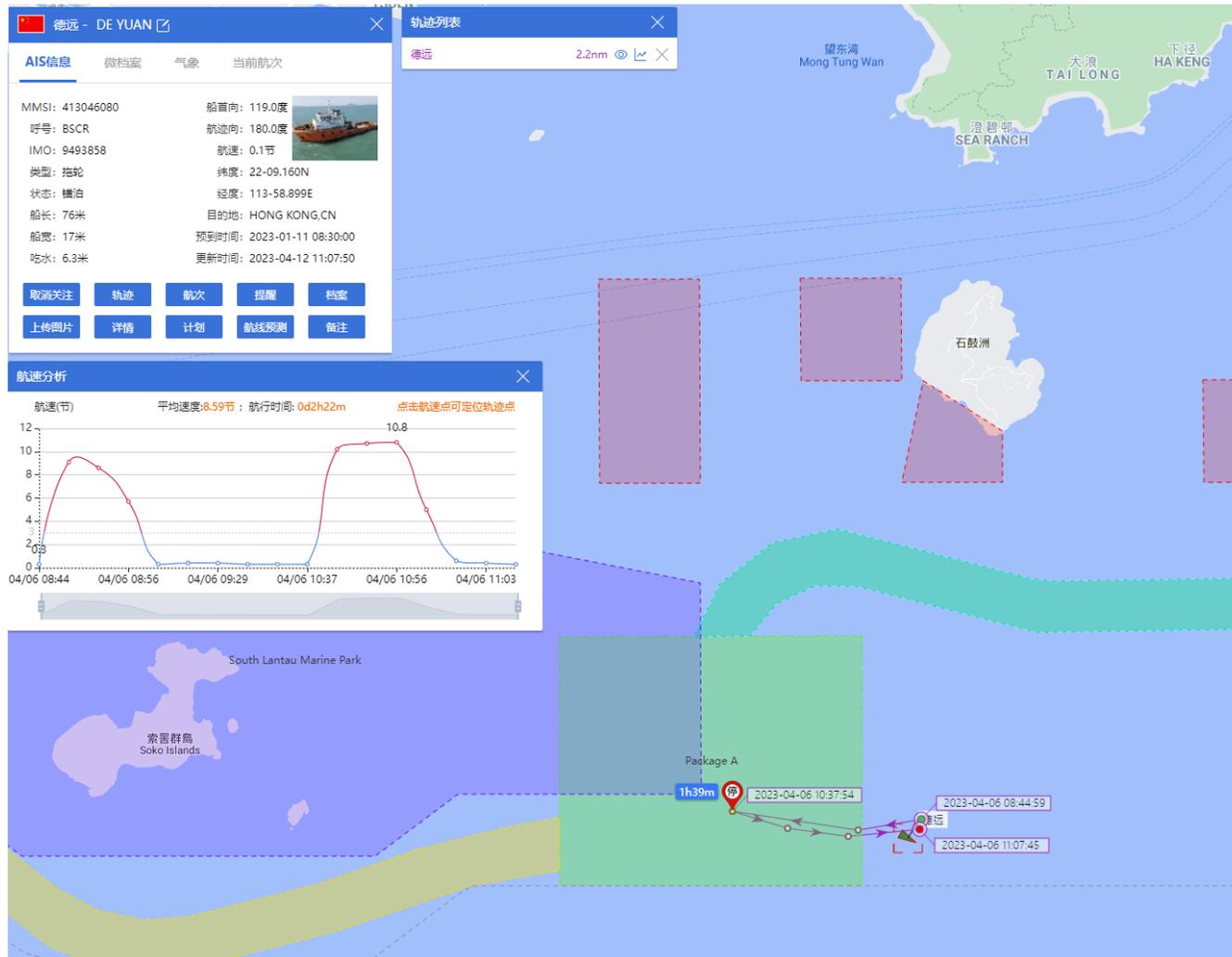
DE YUAN (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

02-04-2023



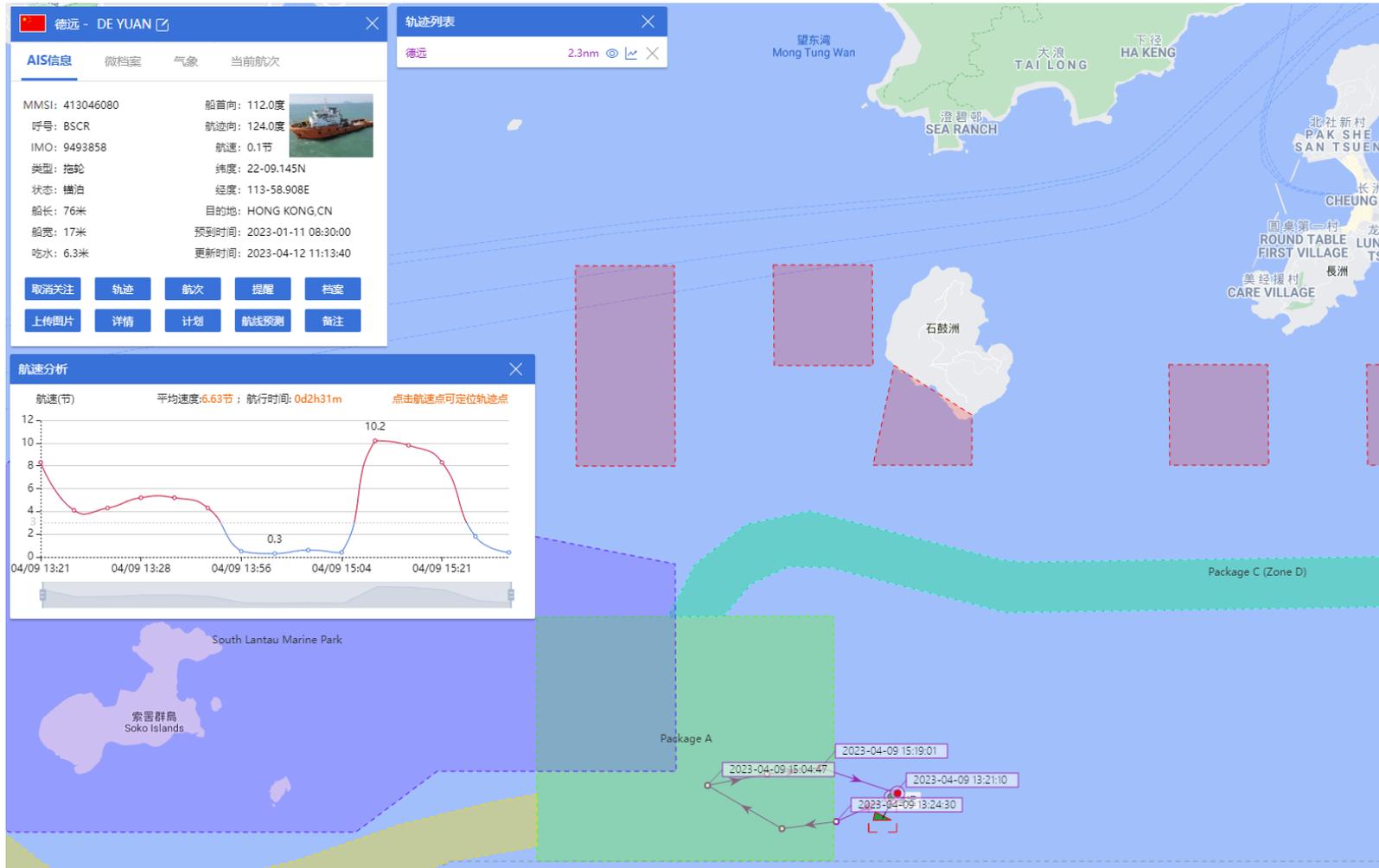
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06-04-2023



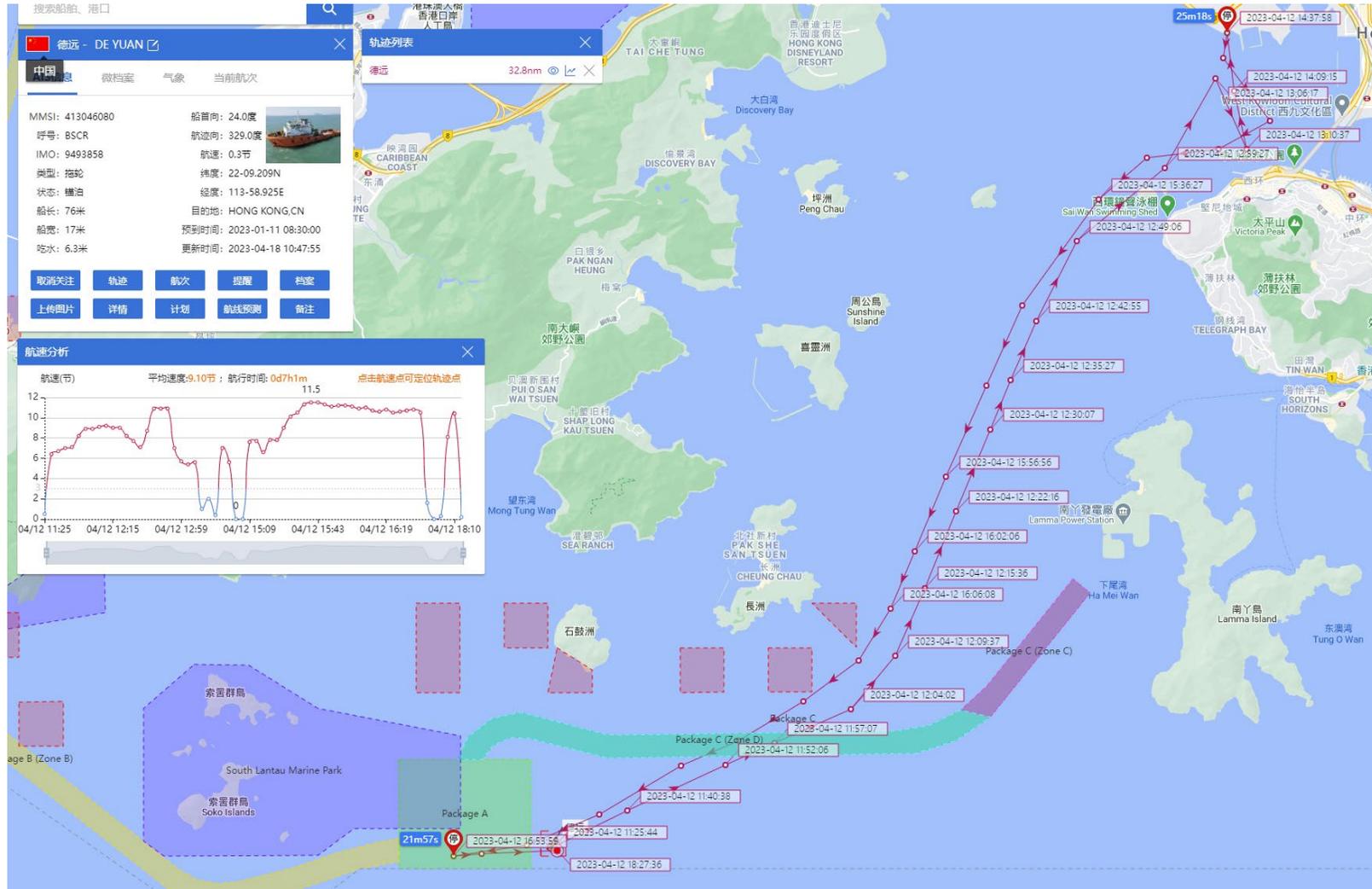
DE YUAN (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

09-04-2023



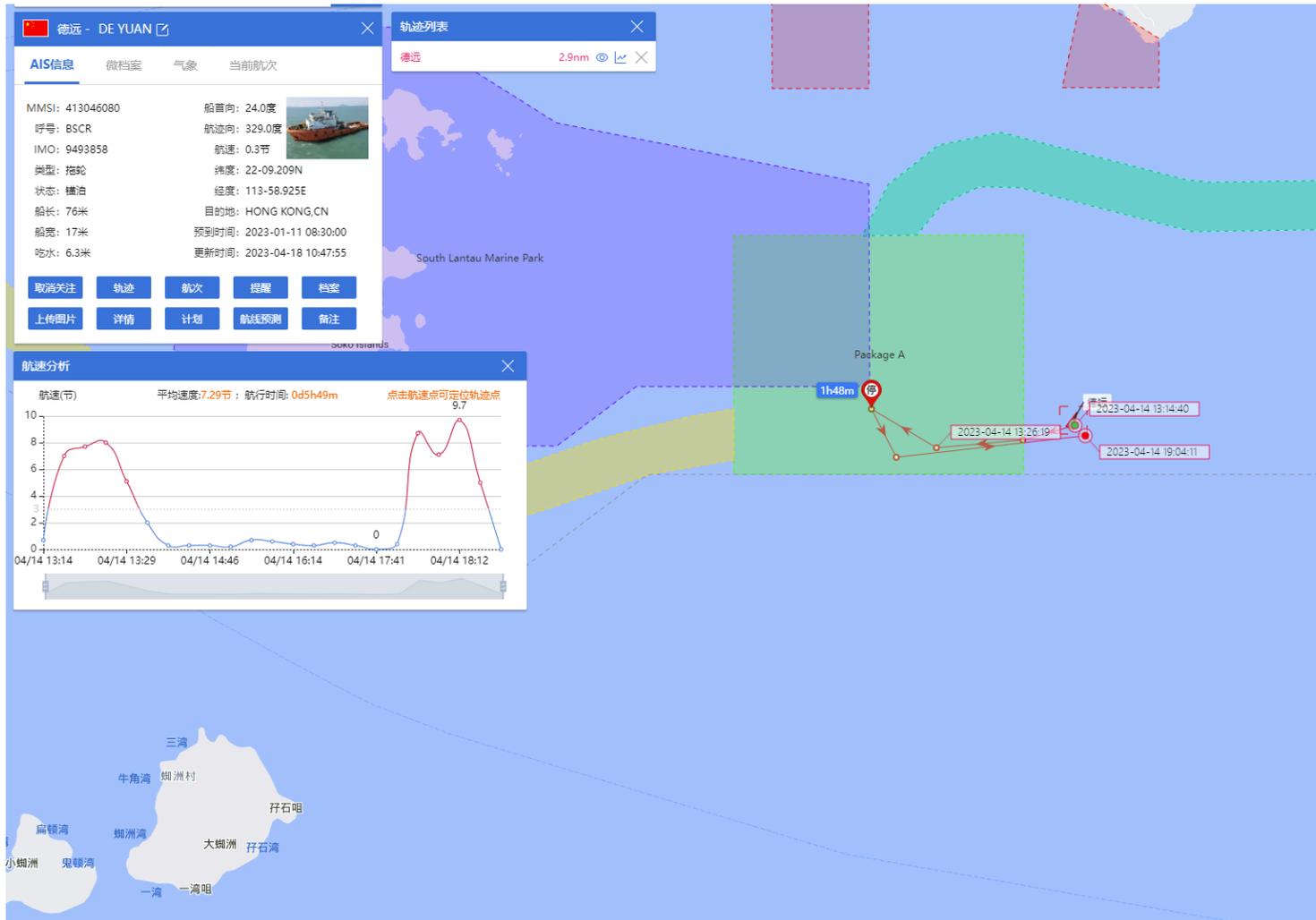
DE YUAN (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

12-04-2023



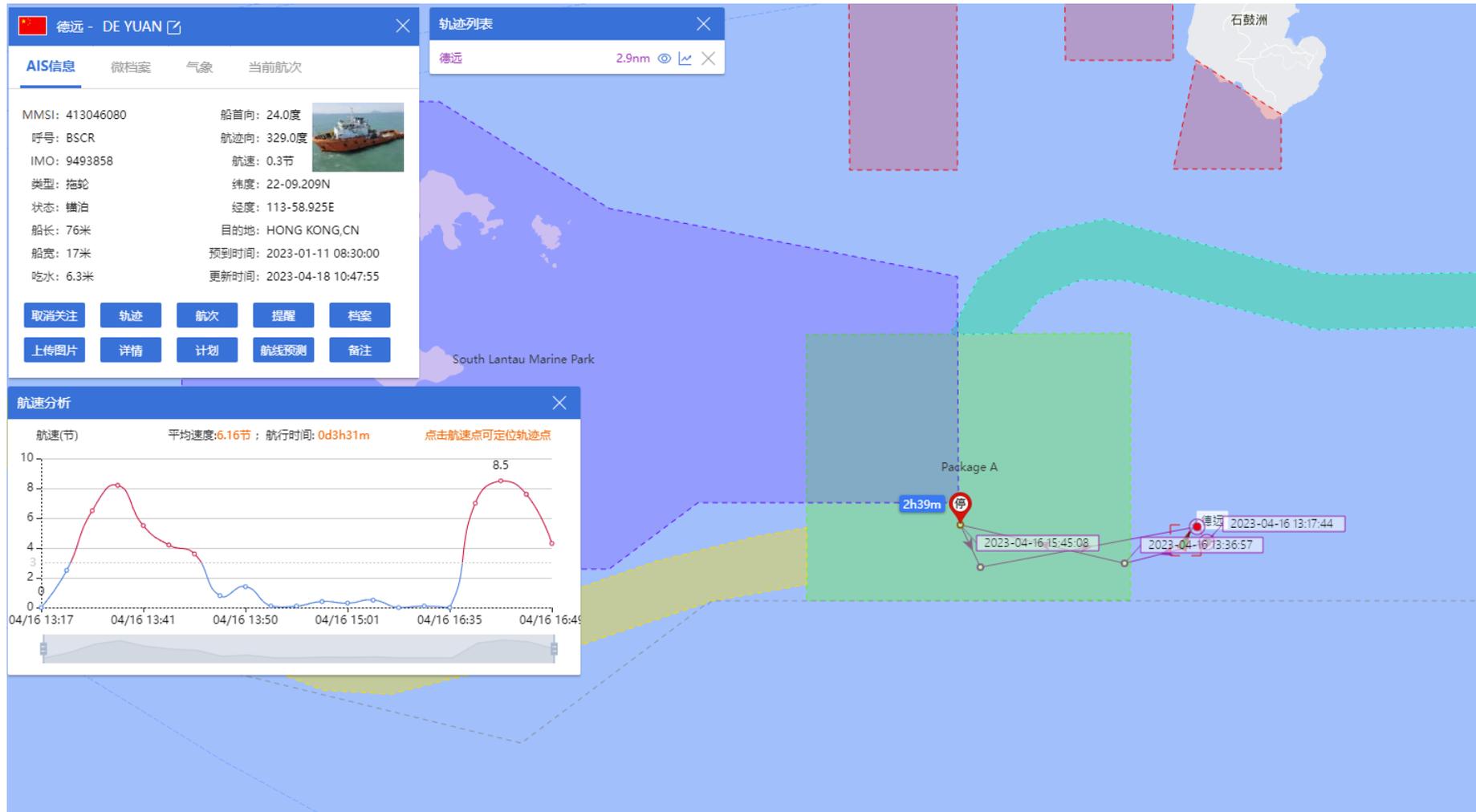
DE YUAN (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

14-04-2023



DE YUAN (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

16-04-2023



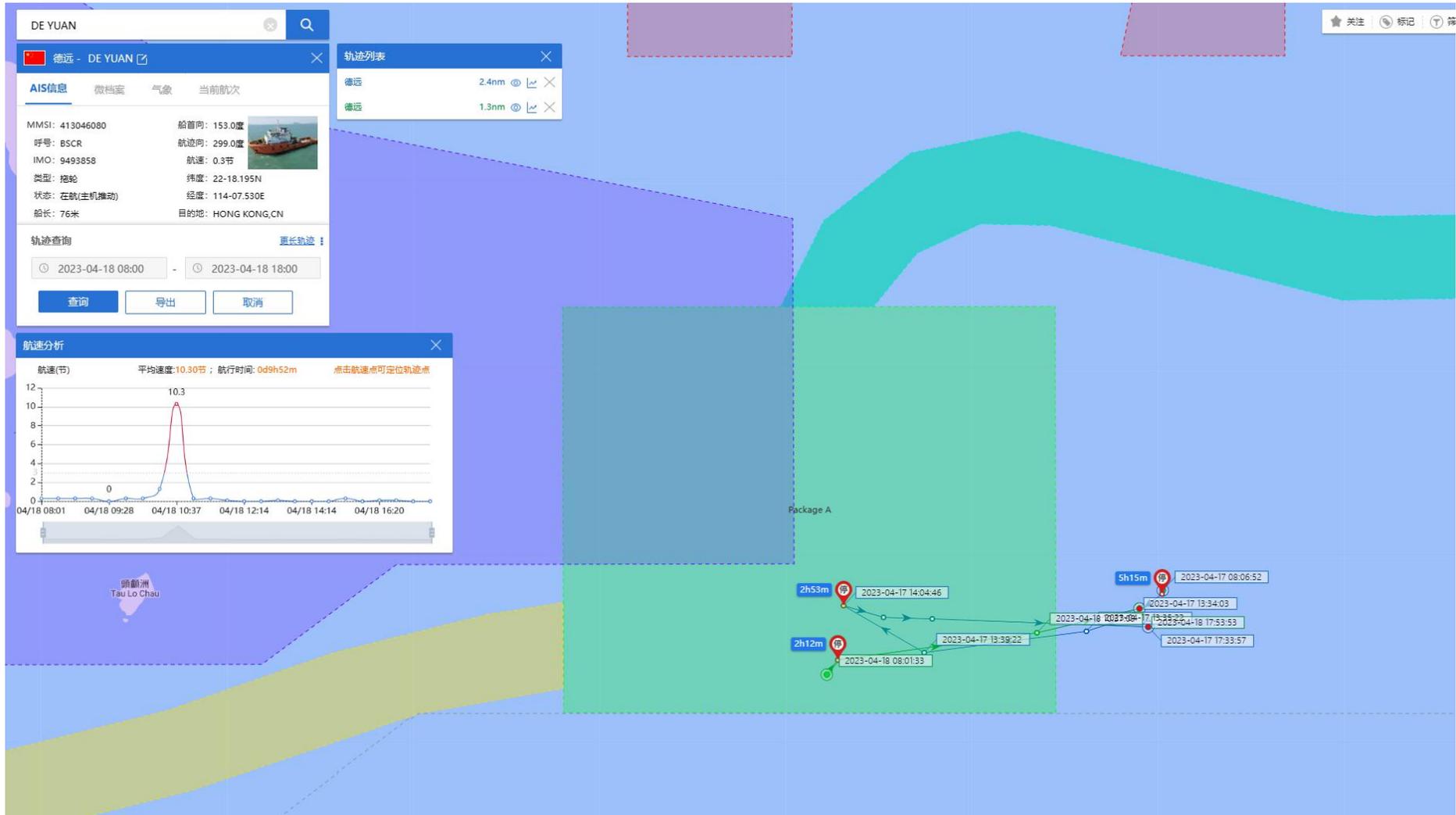
DE YUAN (Special Purpose Vessel) Historical Data Records (17-23 Apr 2023)

17-04-2023



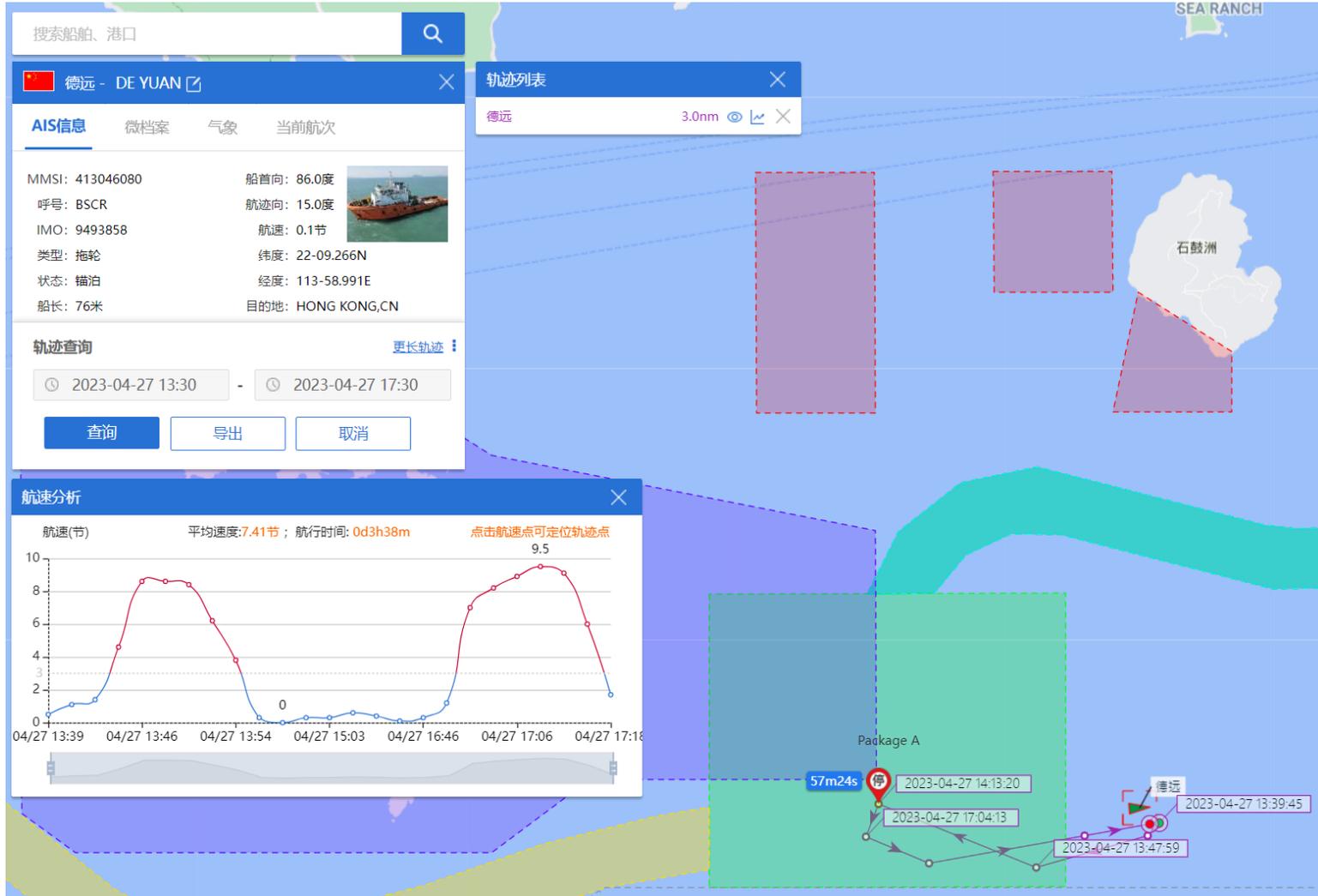
DE YUAN (Special Purpose Vessel) Historical Data Records (17-23 Apr 2023)

18-04-2023



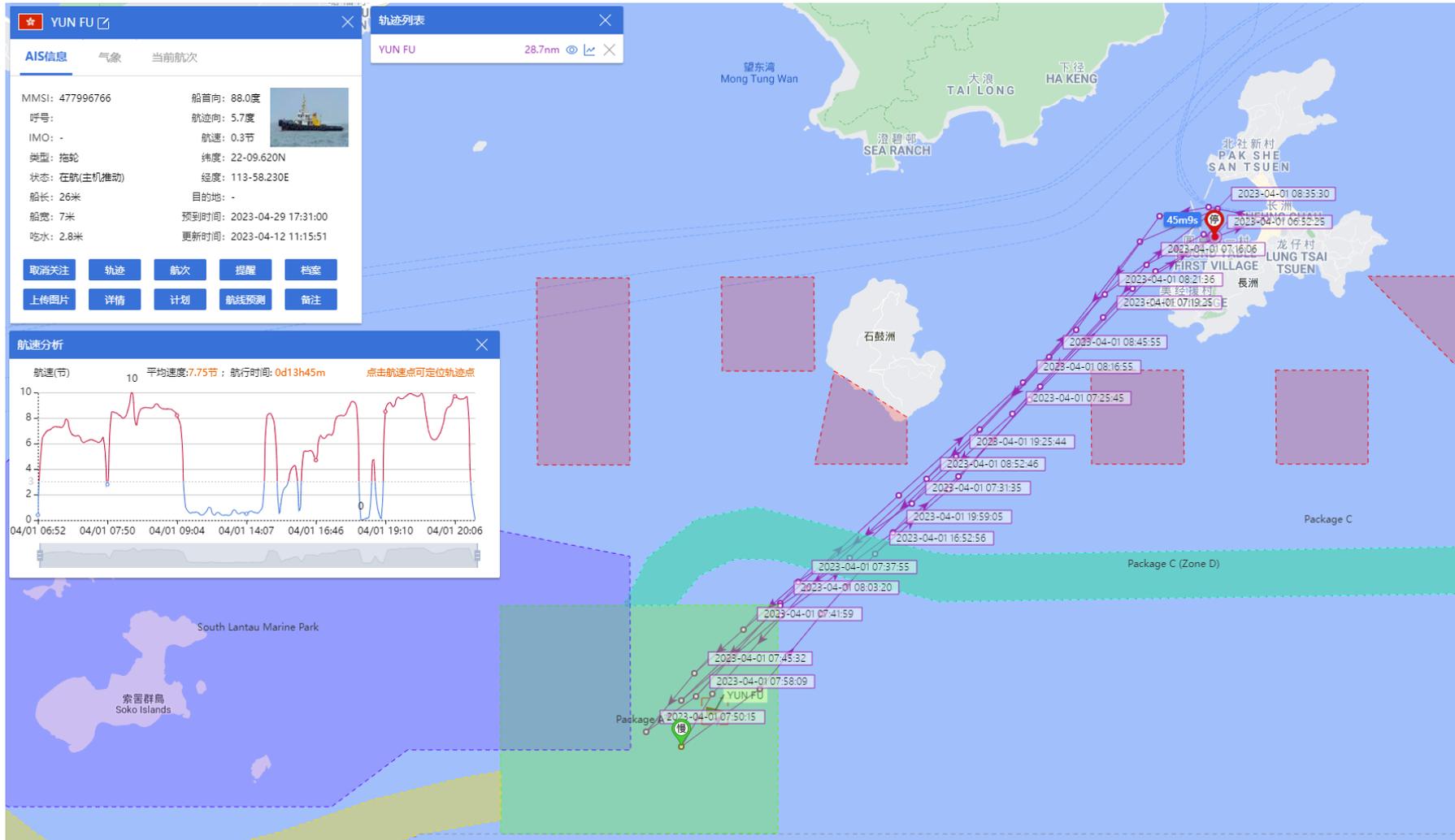
DE YUAN (Special Purpose Vessel) Historical Data Records (24-30 Apr 2023)

27-04-2023



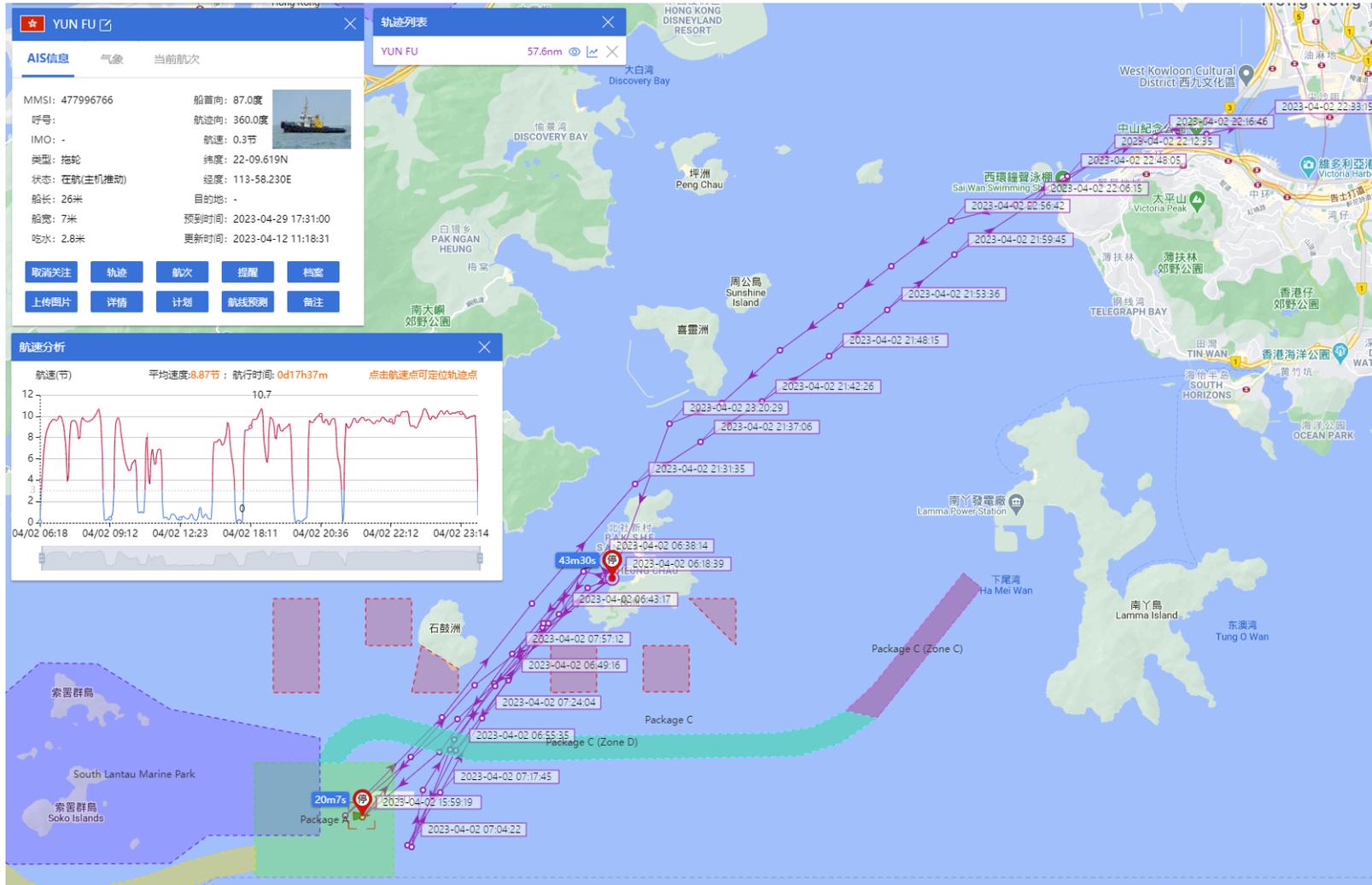
Yun Fu (Tug Boat) Historical Data Records (1-9 Apr 2023)

01-04-2023



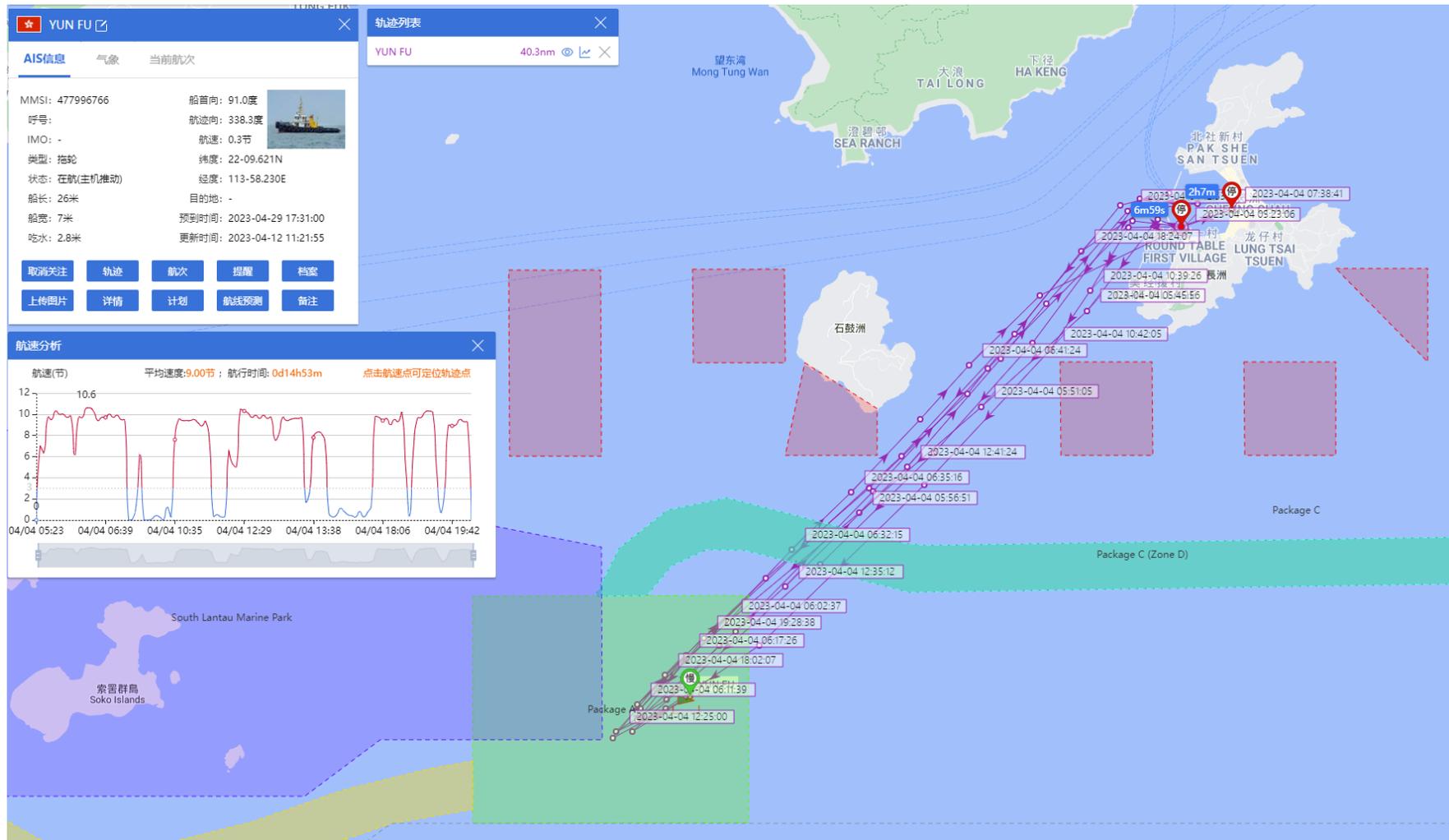
Yun Fu (Tug Boat) Historical Data Records (1-9 Apr 2023)

02-04-2023



Yun Fu (Tug Boat) Historical Data Records (1-9 Apr 2023)

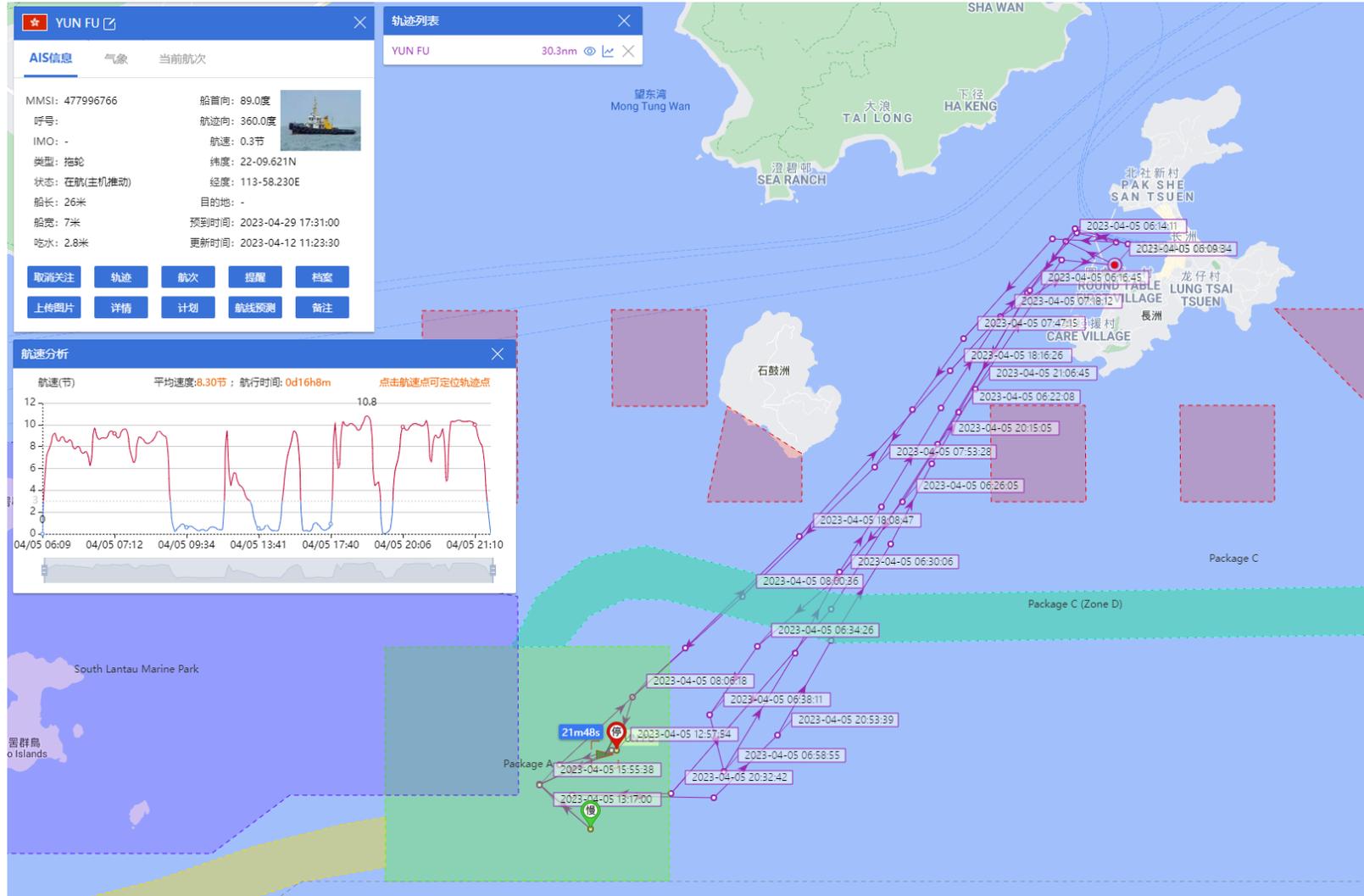
04-04-2023



Yun Fu (Tug Boat)

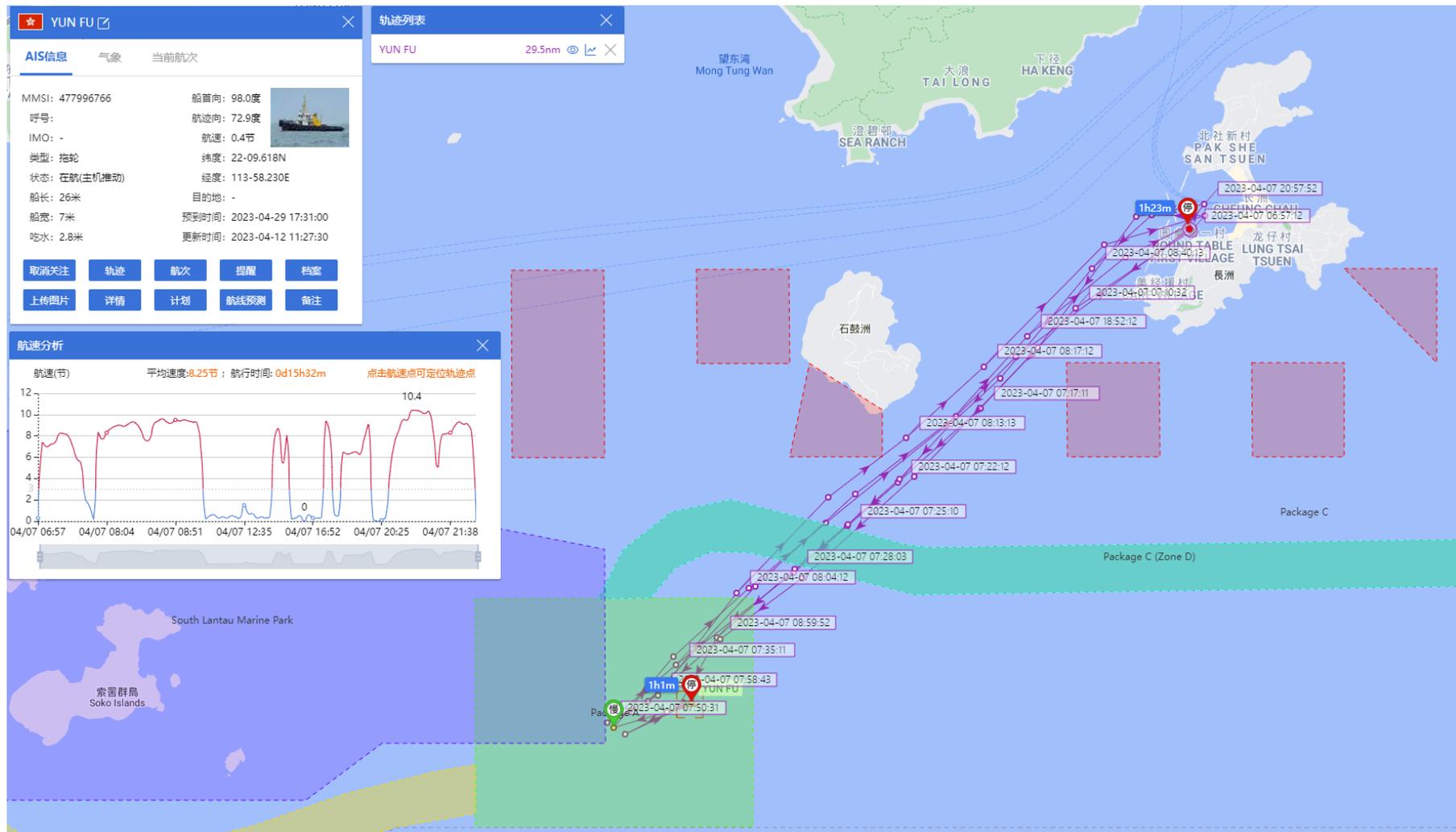
Historical Data Records (1-9 Apr 2023)

05-04-2023



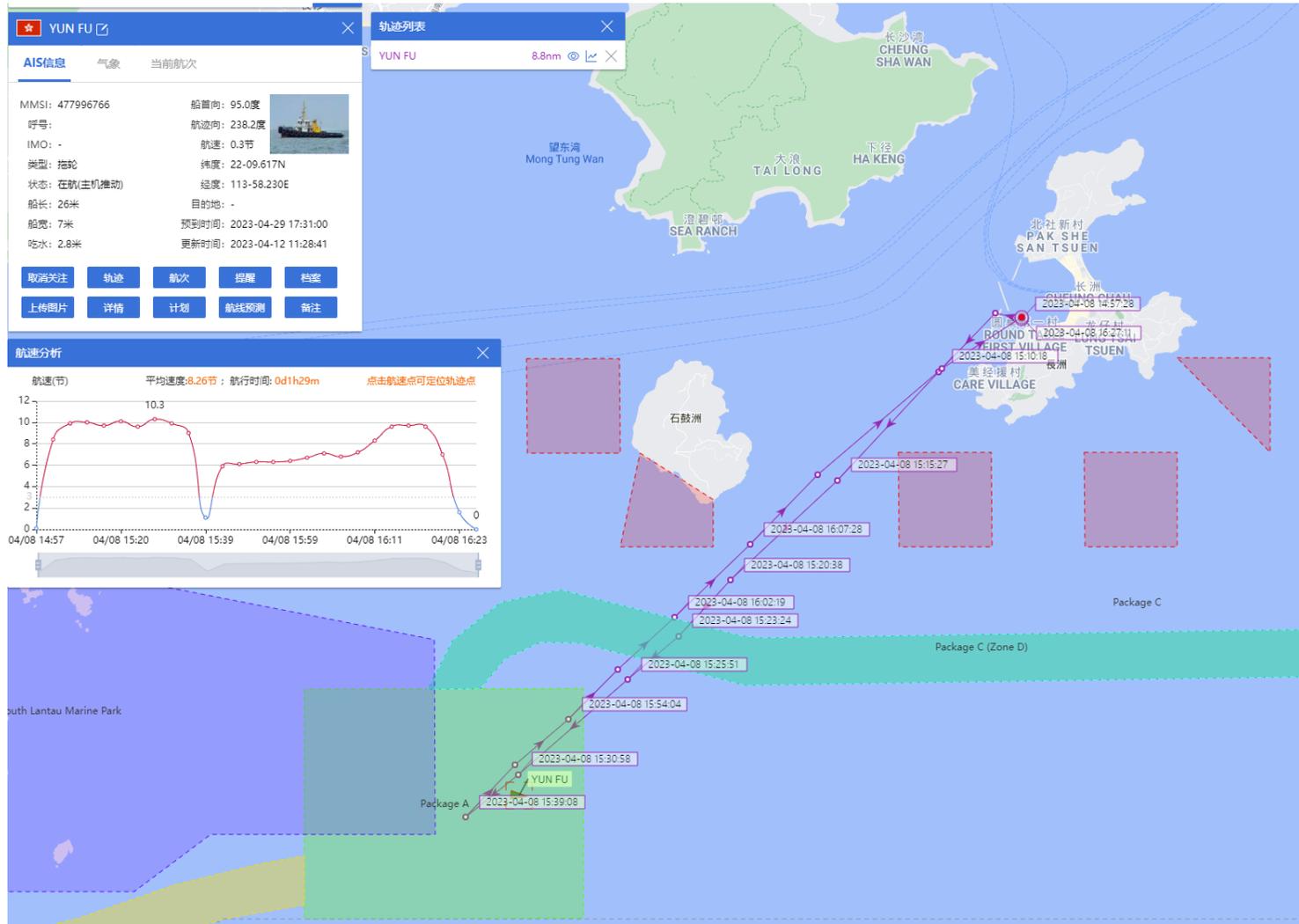
Yun Fu (Tug Boat) Historical Data Records (1-9 Apr 2023)

07-04-2023



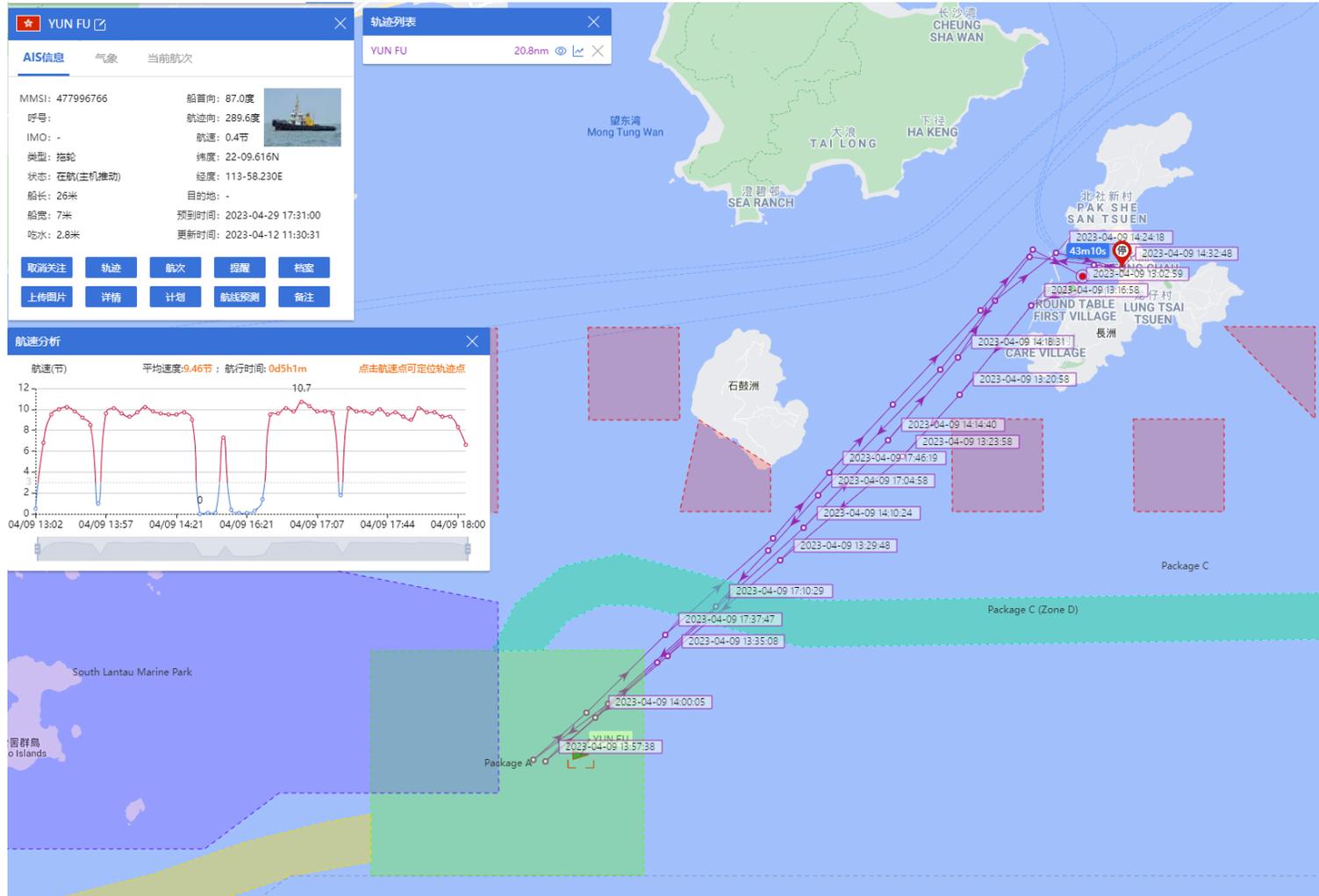
Yun Fu (Tug Boat) Historical Data Records (1-9 Apr 2023)

08-04-2023



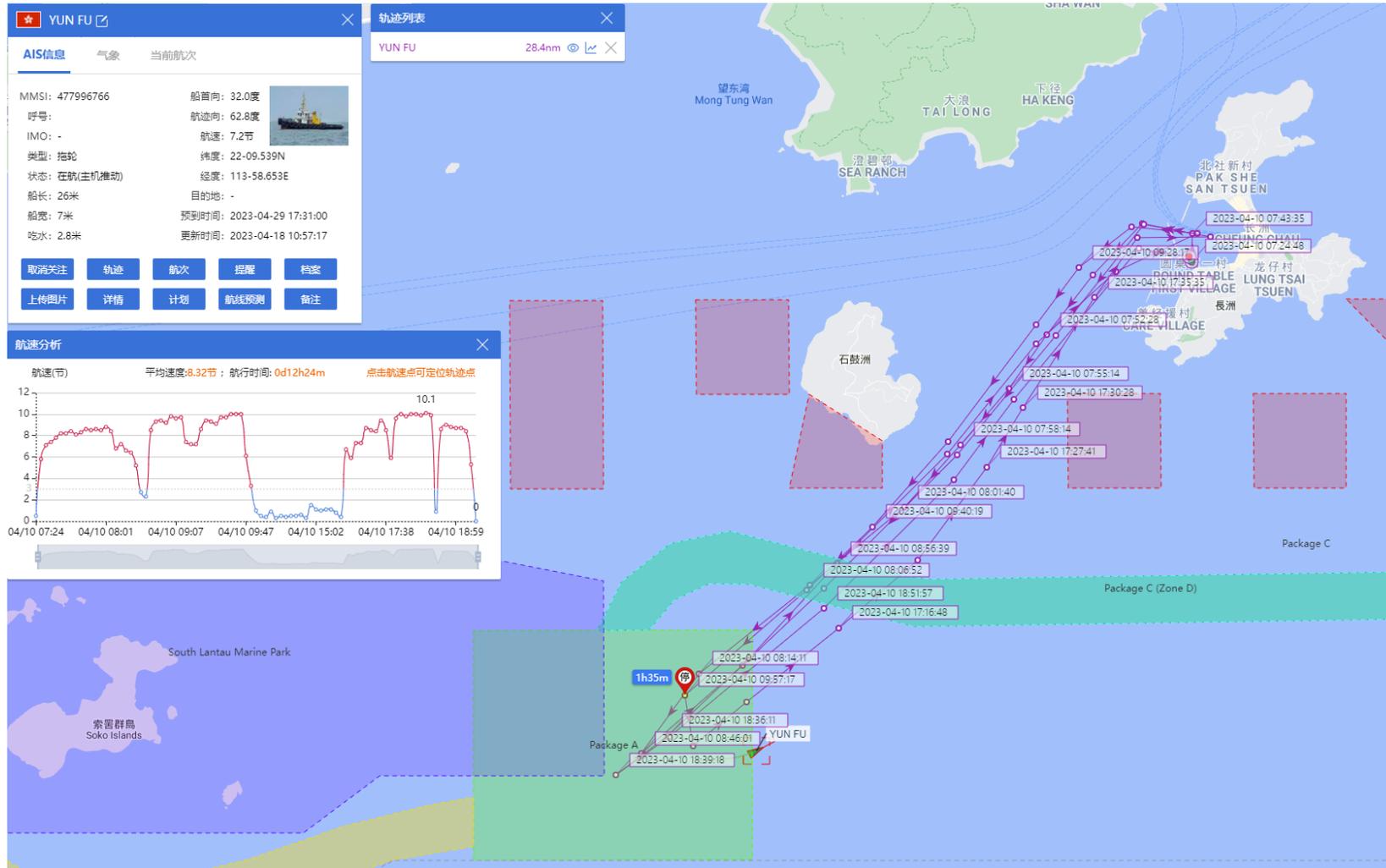
Yun Fu (Tug Boat) Historical Data Records (1-9 Apr 2023)

09-04-2023



Yun Fu (Tug Boat) Historical Data Records (10-16 Apr 2023)

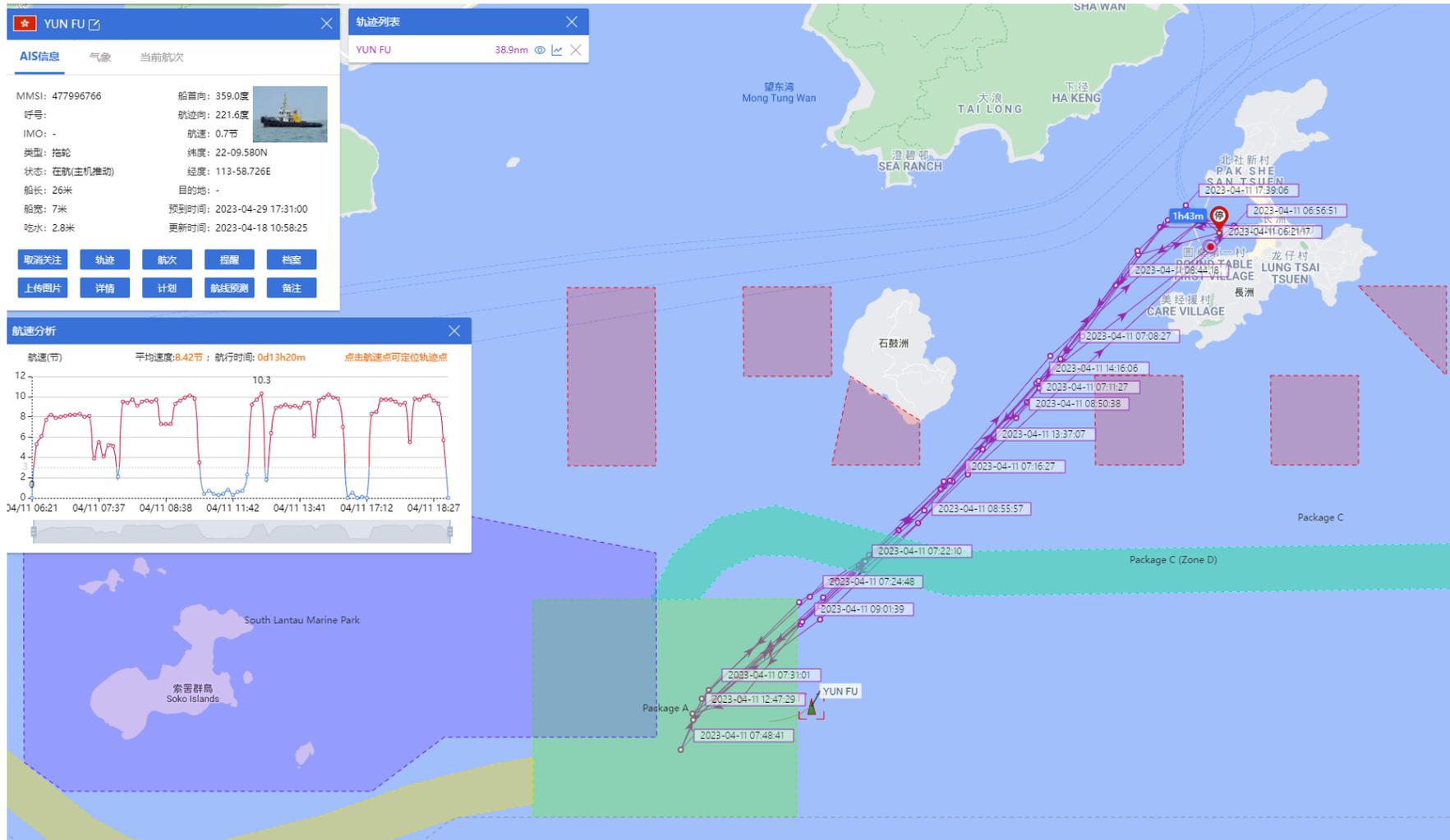
10-04-2023



Yun Fu (Tug Boat)

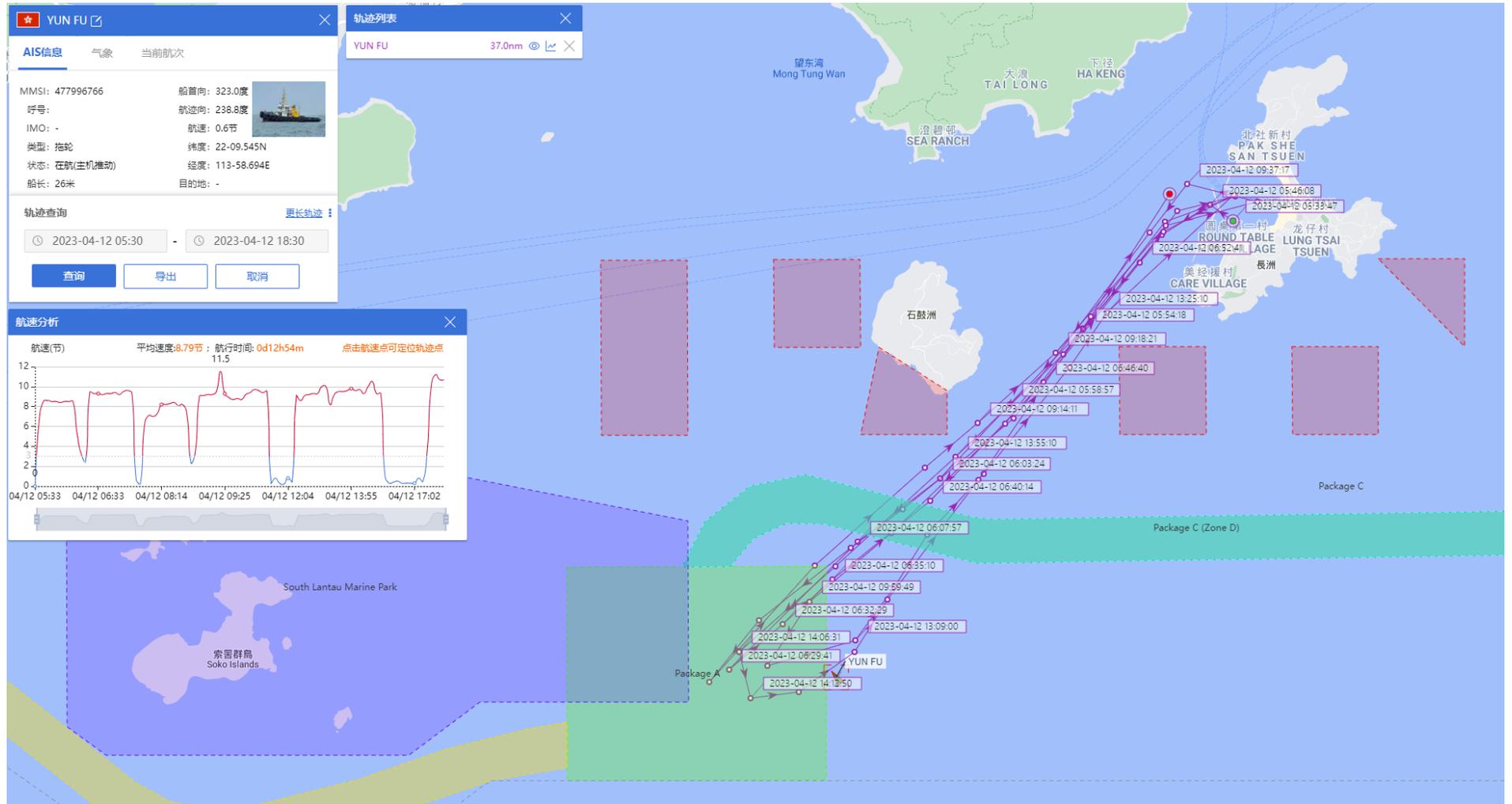
Historical Data Records (10-16 Apr 2023)

11-04-2023



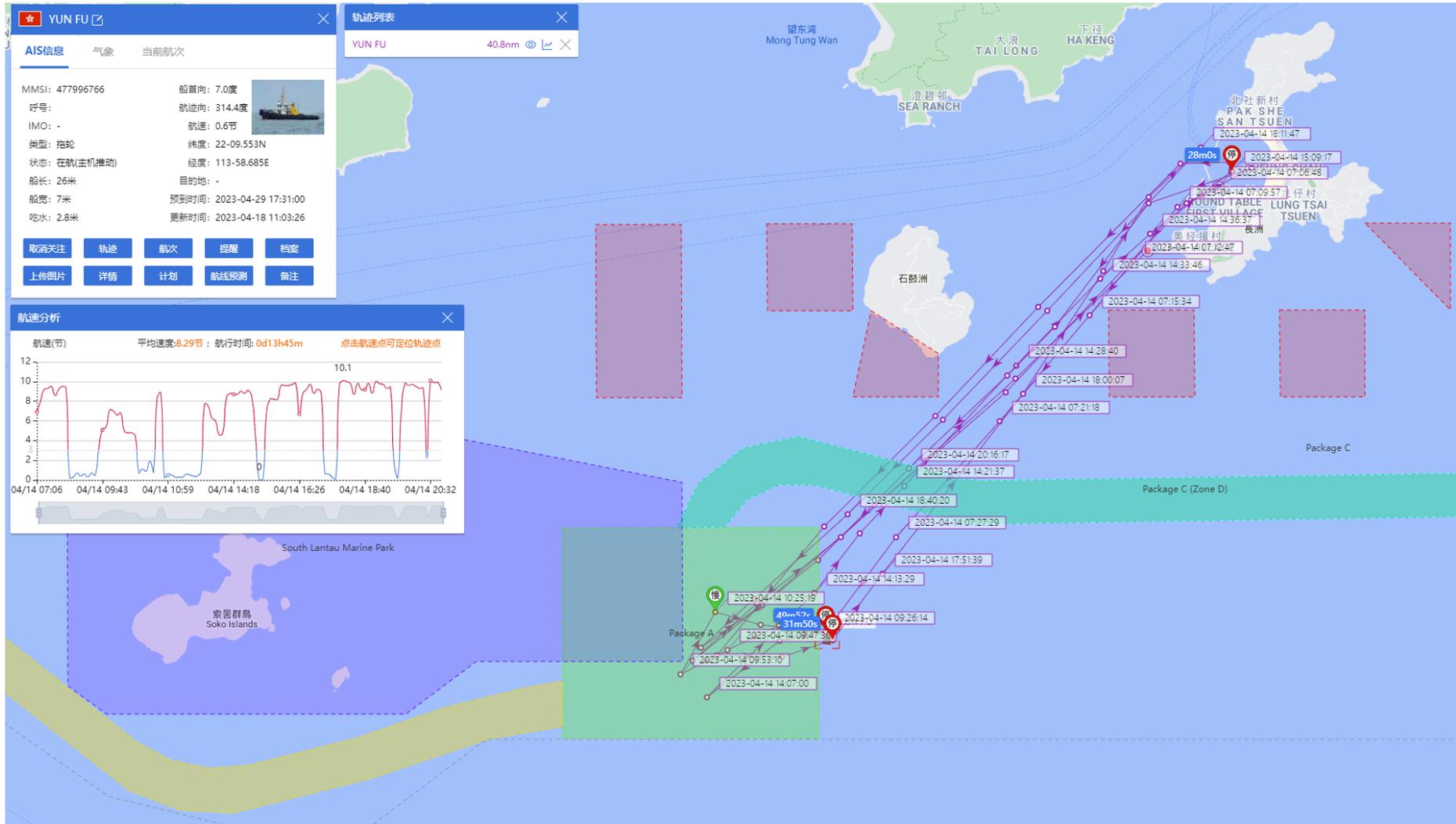
Yun Fu (Tug Boat) Historical Data Records (10-16 Apr 2023)

12-04-2023



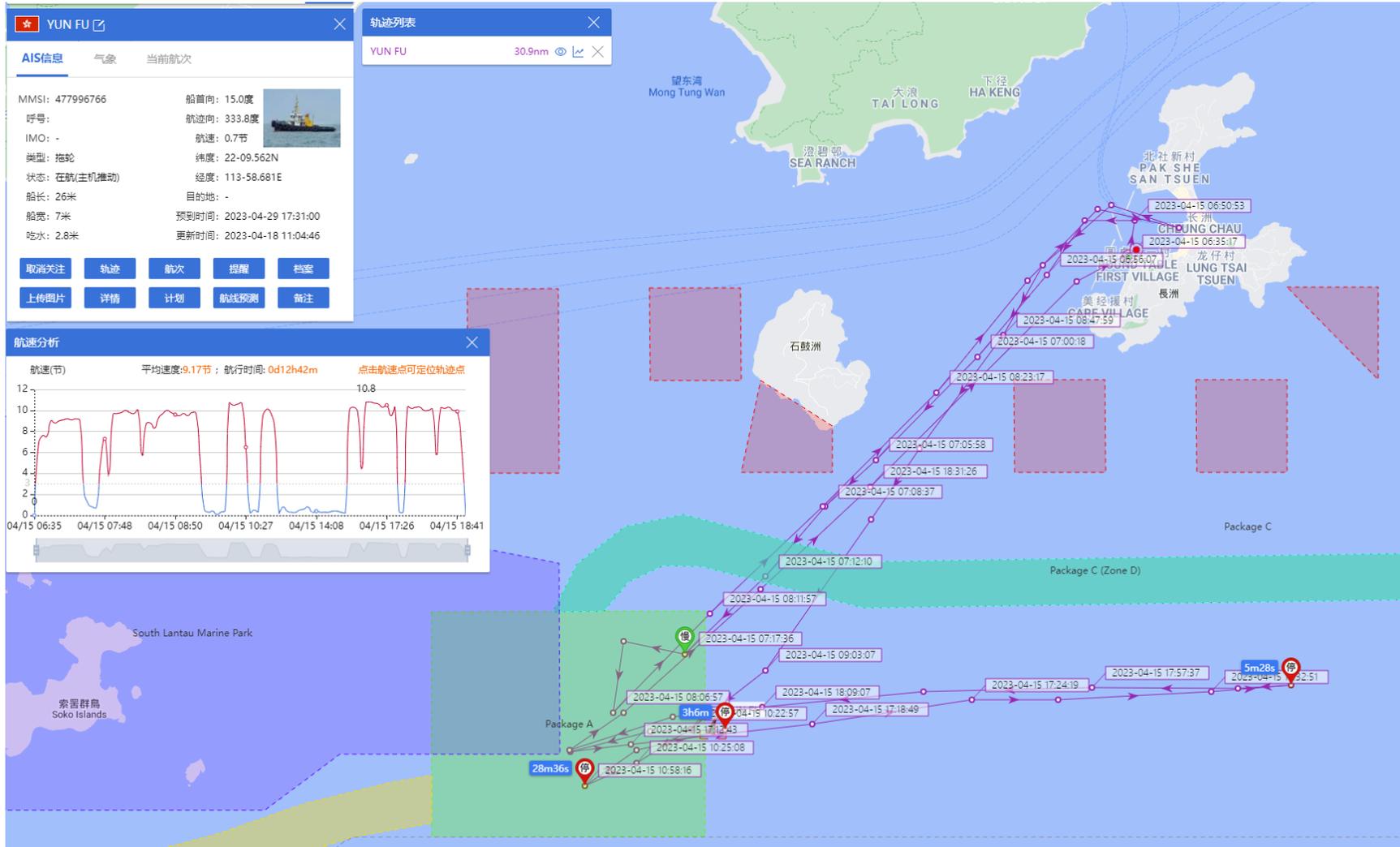
Yun Fu (Tug Boat) Historical Data Records (10-16 Apr 2023)

14-04-2023



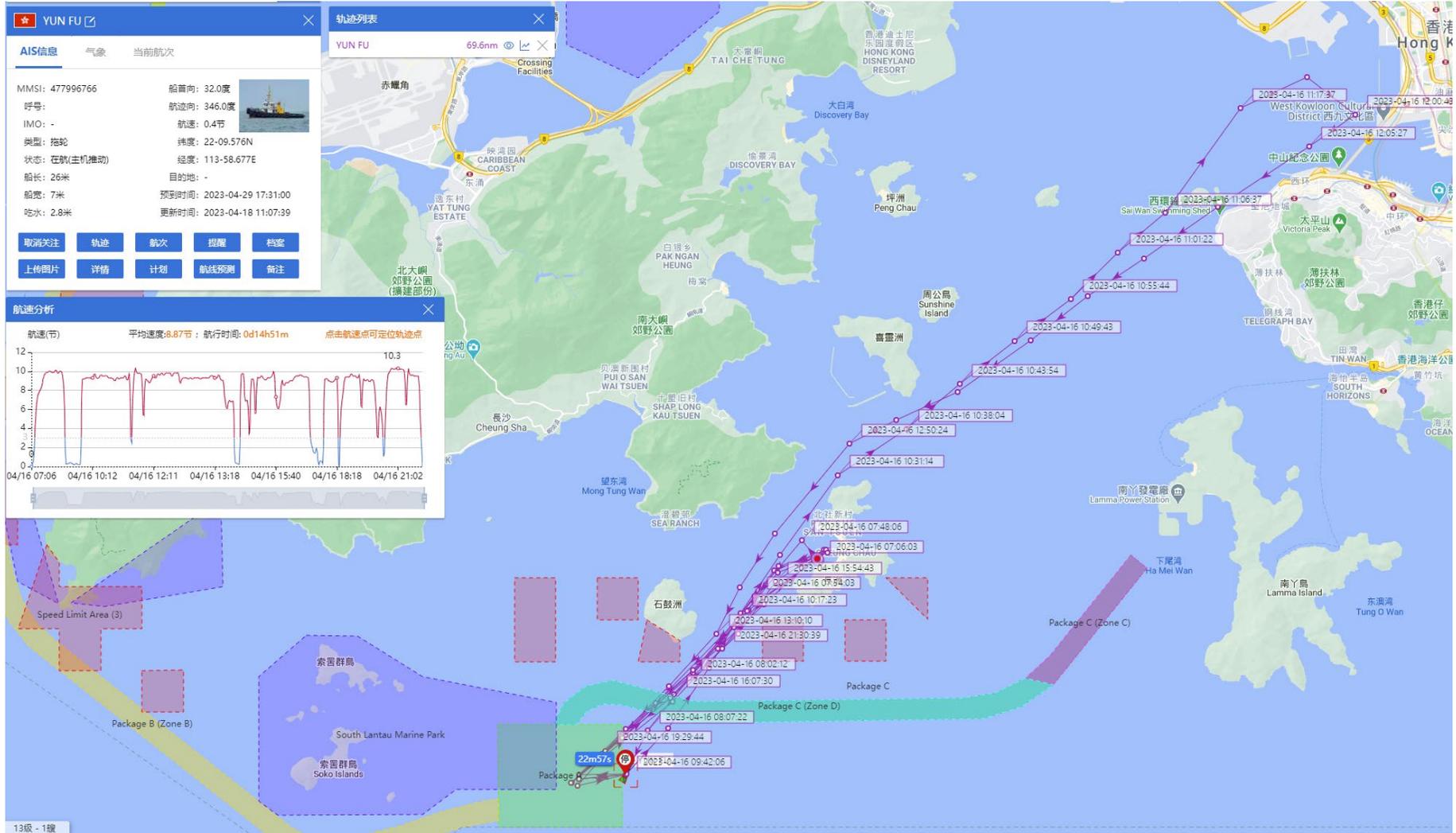
Yun Fu (Tug Boat) Historical Data Records (10-16 Apr 2023)

15-04-2023



Yun Fu (Tug Boat) Historical Data Records (10-16 Apr 2023)

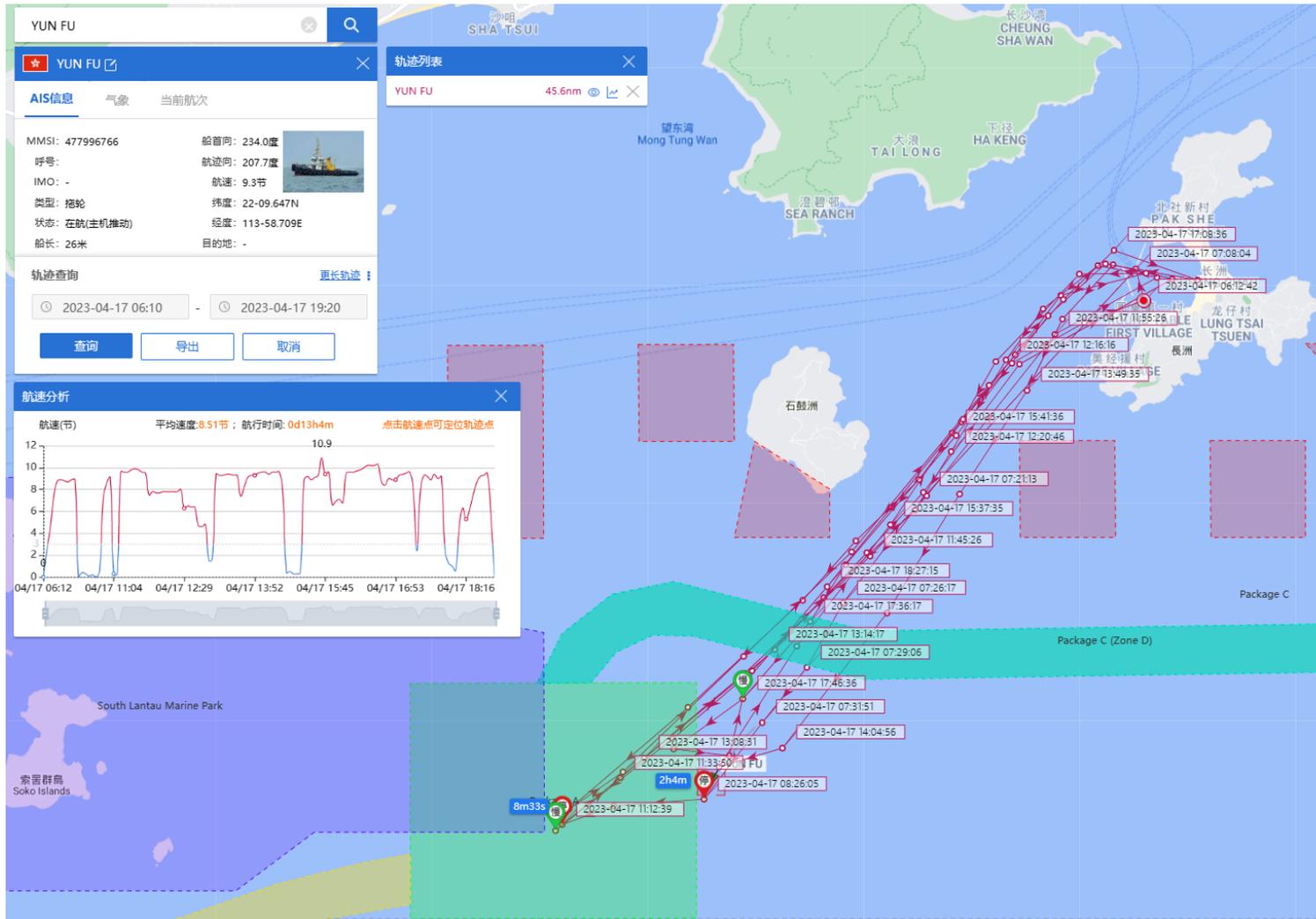
16-04-2023



Yun Fu (Tug Boat)

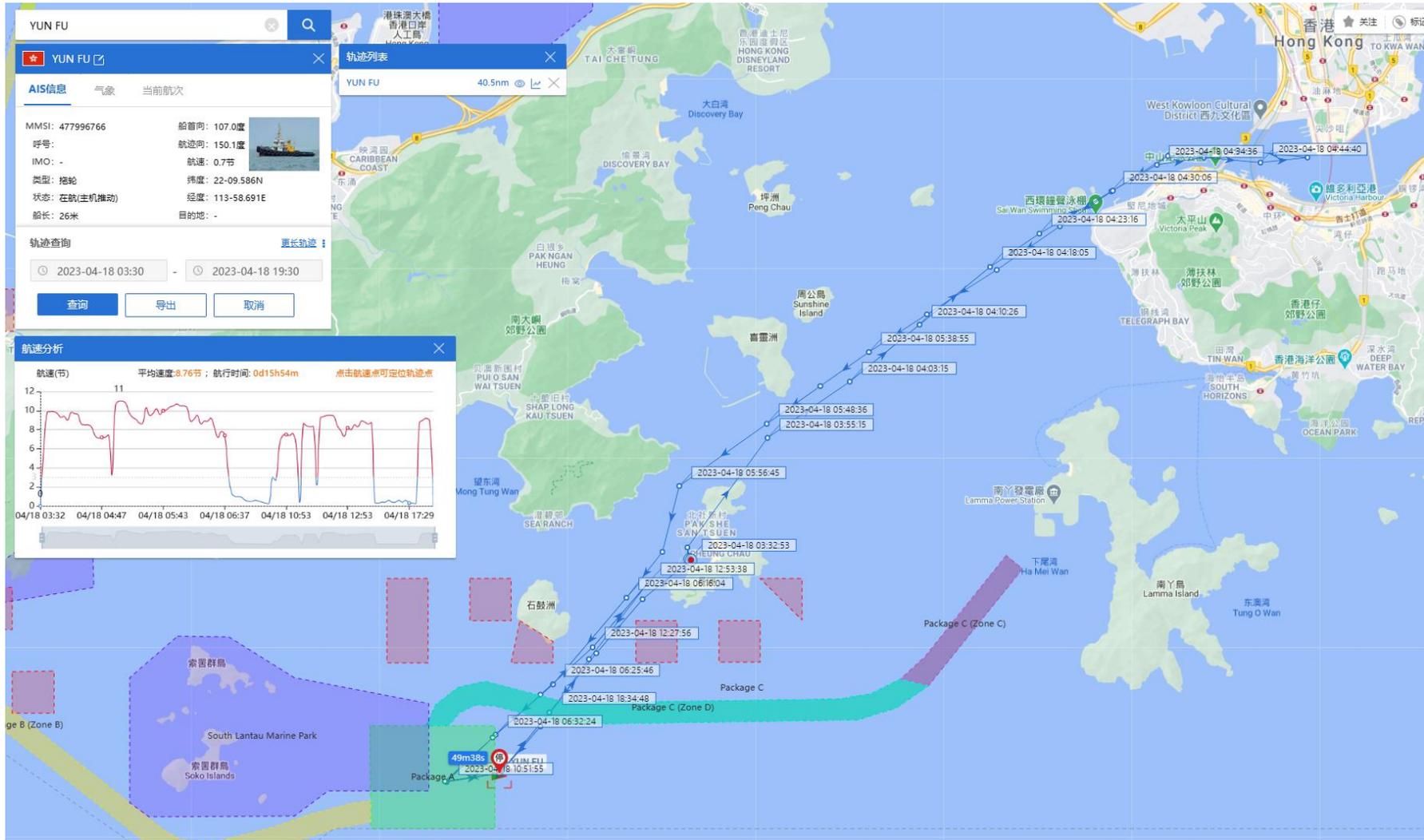
Historical Data Records (17-23 Apr 2023)

17-04-2023



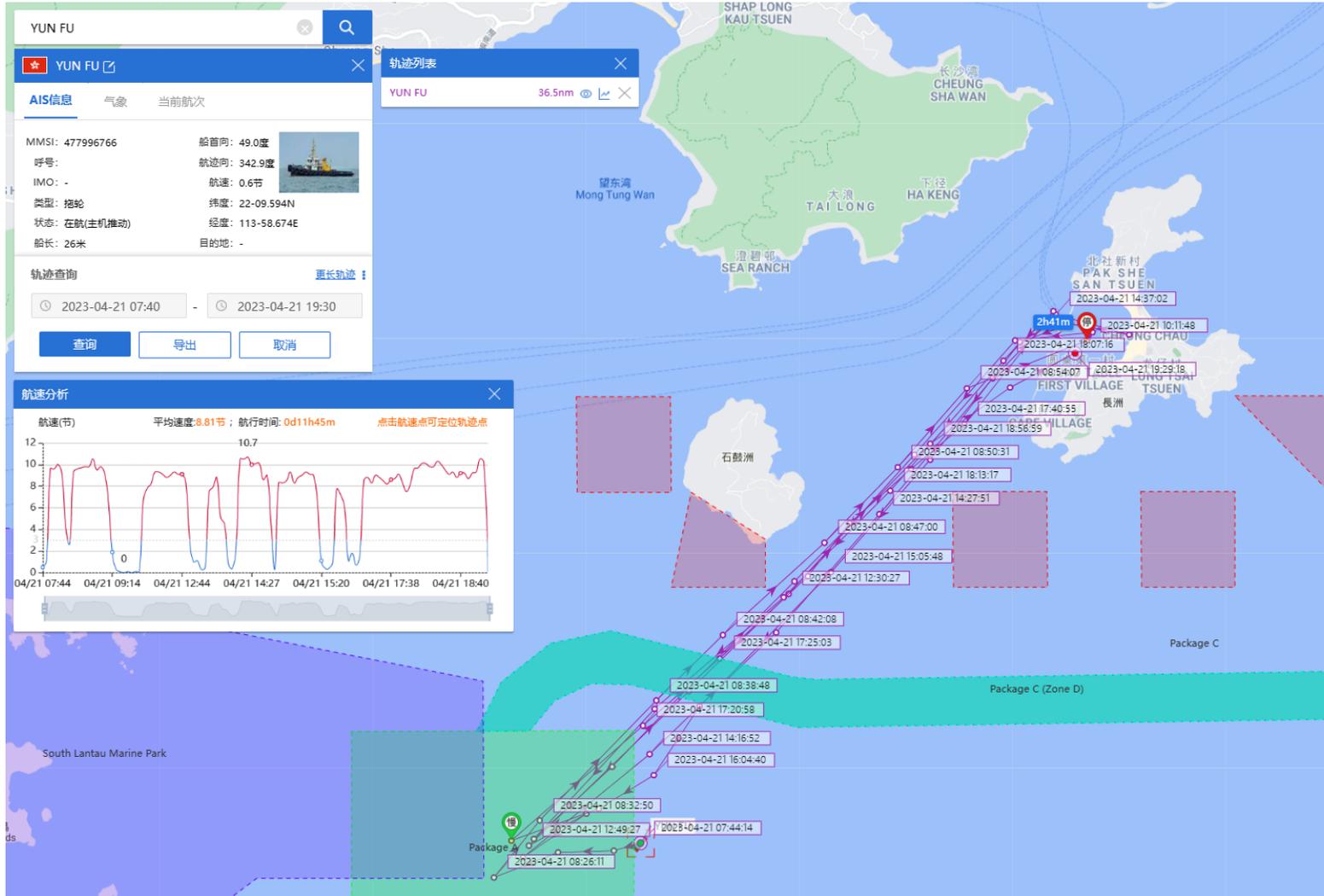
Yun Fu (Tug Boat) Historical Data Records (17-23 Apr 2023)

18-04-2023



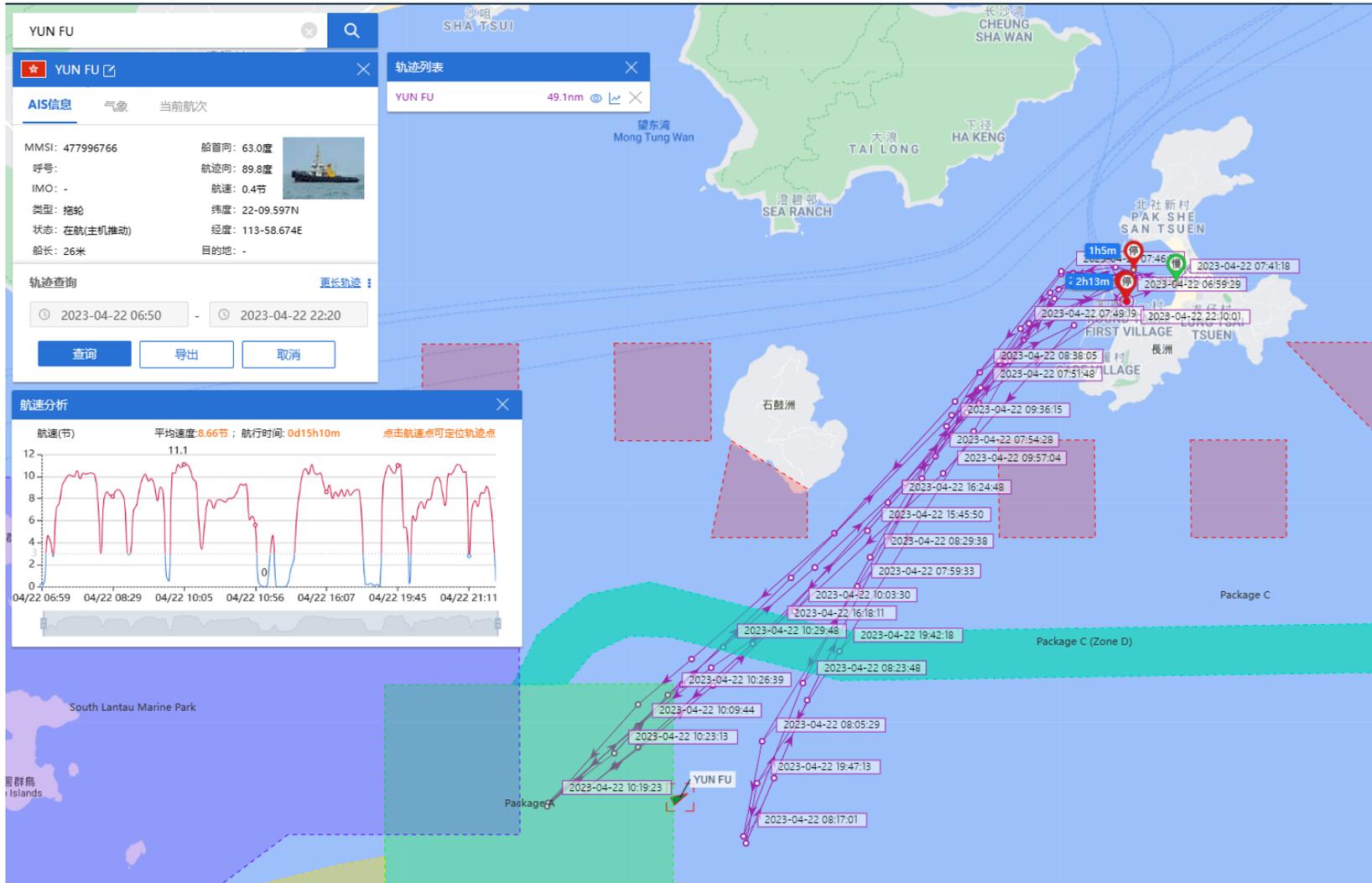
Yun Fu (Tug Boat) Historical Data Records (17-23 Apr 2023)

21-04-2023



Yun Fu (Tug Boat) Historical Data Records (17-23 Apr 2023)

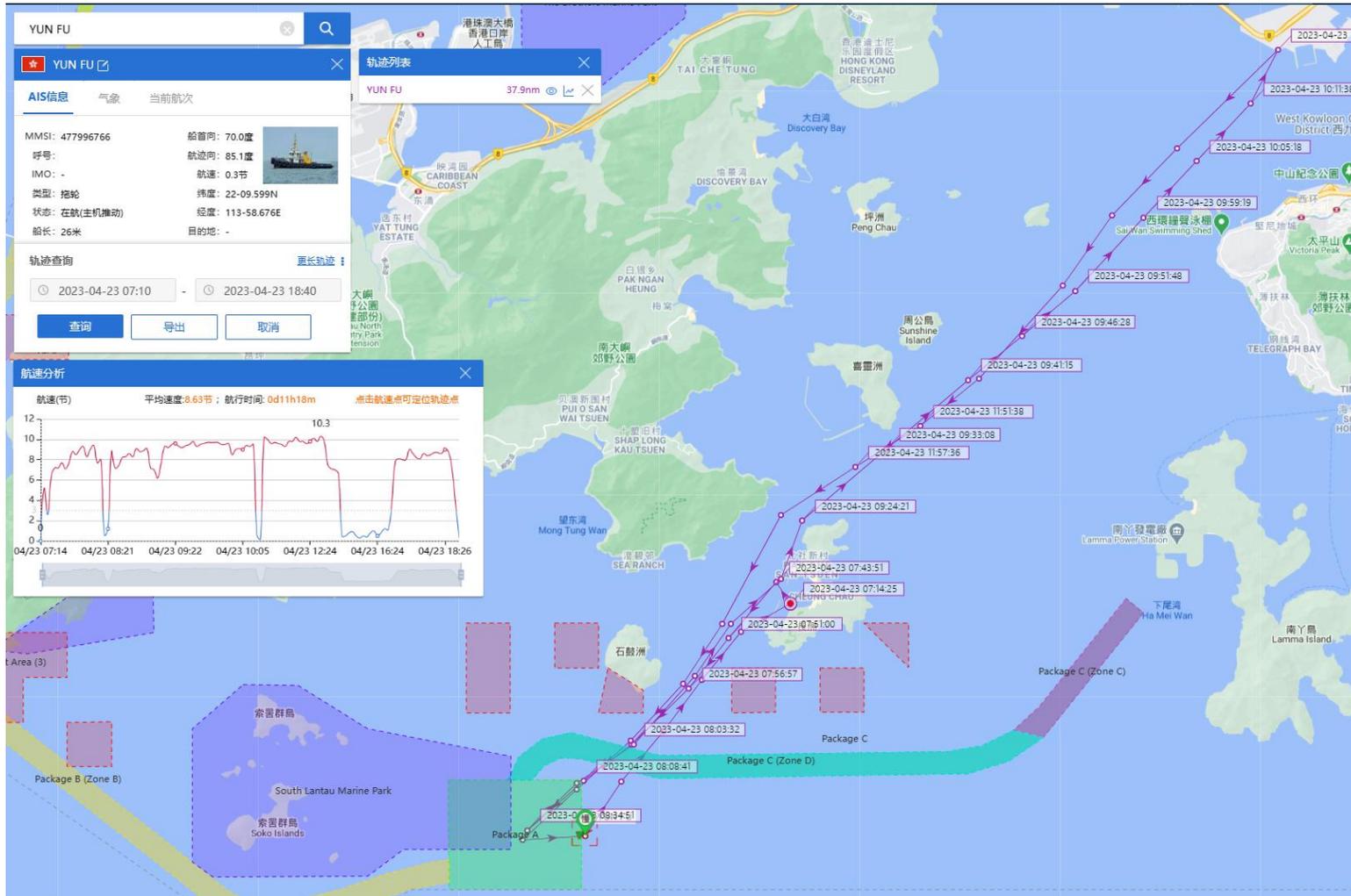
22-04-2023



Yun Fu (Tug Boat)

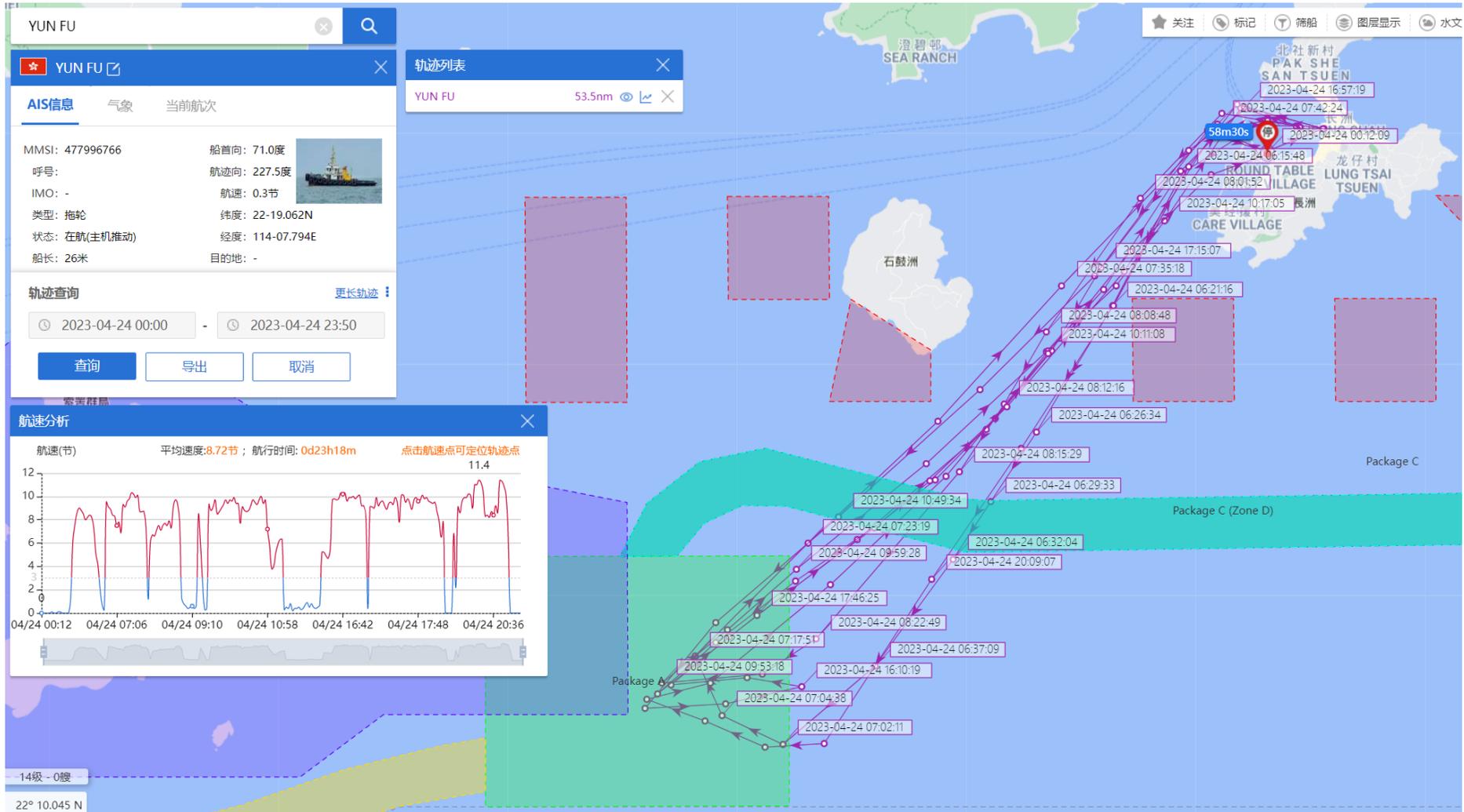
Historical Data Records (17-23 Apr 2023)

23-04-2023



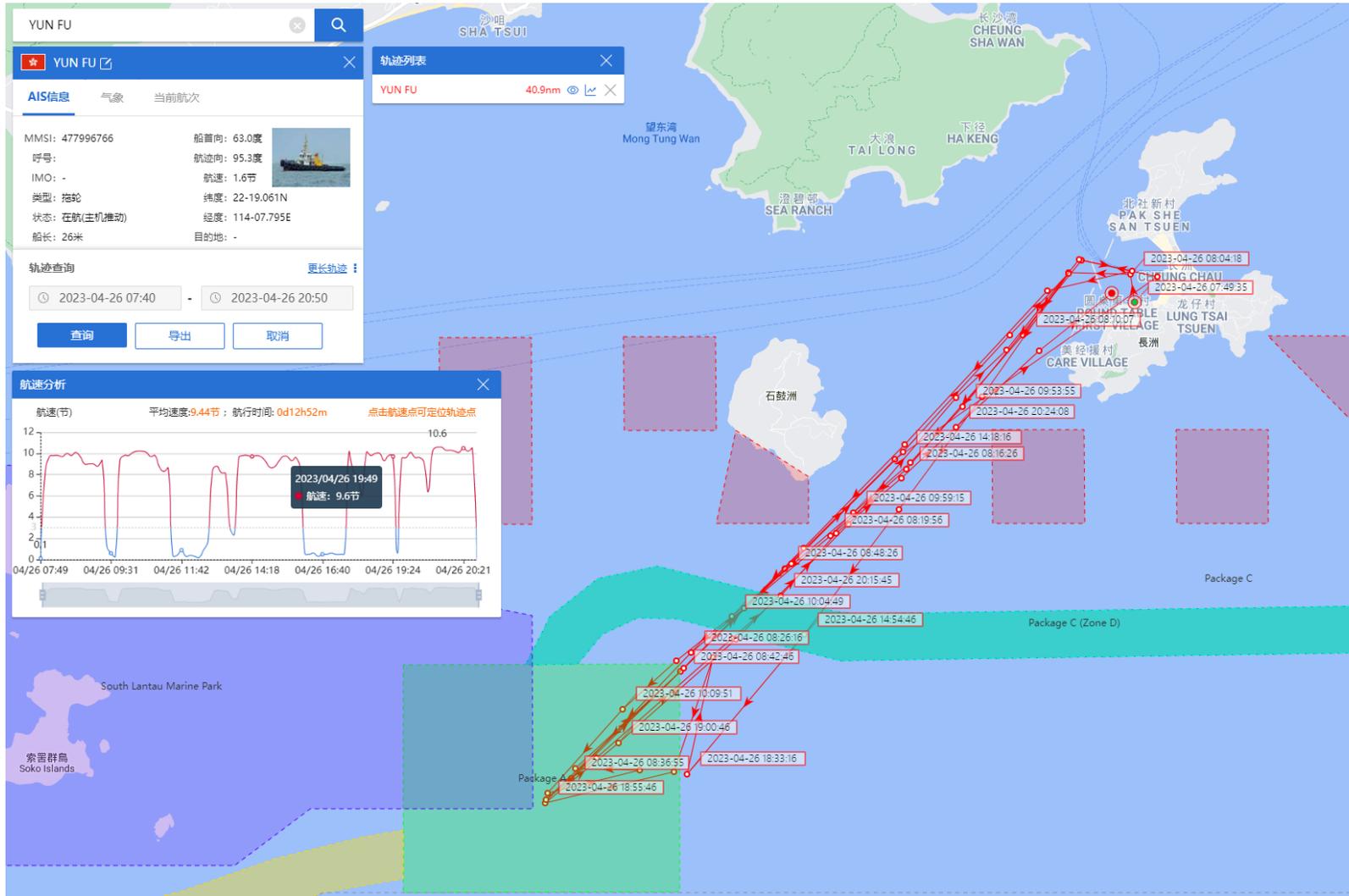
Yun Fu (Tug Boat) Historical Data Records (24-30 Apr 2023)

24-04-2023



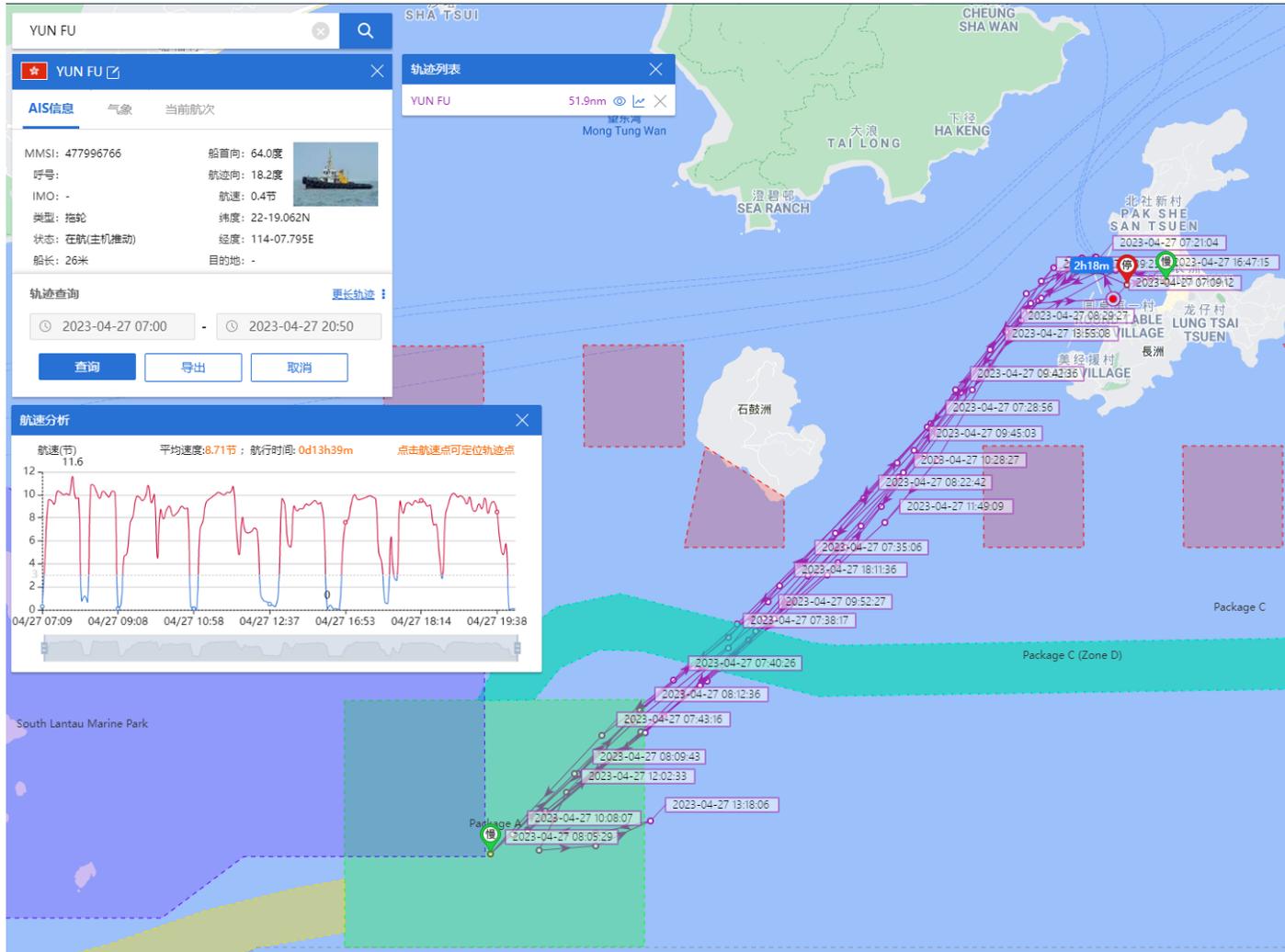
Yun Fu (Tug Boat) Historical Data Records (24-30 Apr 2023)

26-04-2023



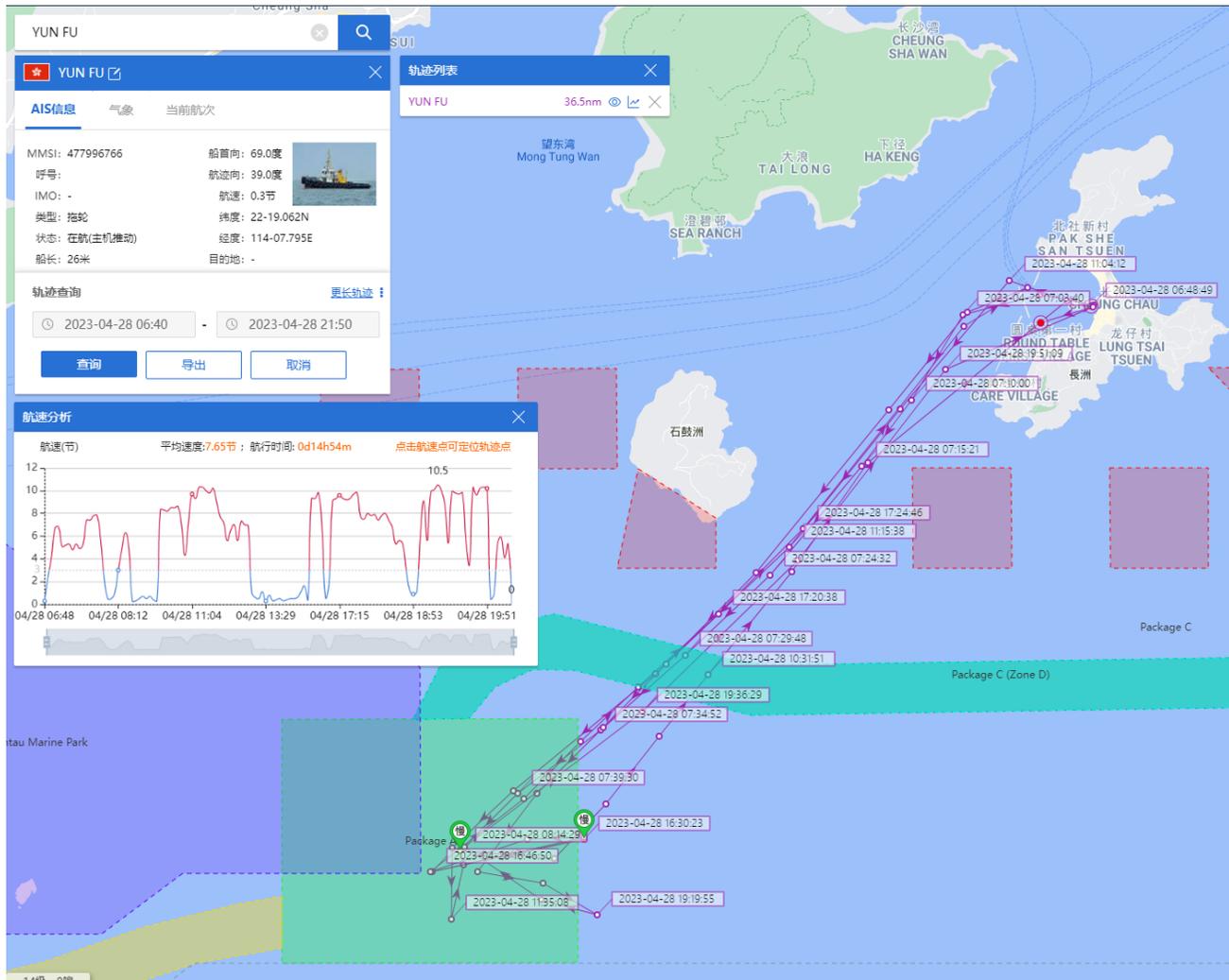
Yun Fu (Tug Boat) Historical Data Records (24-30 Apr 2023)

27-04-2023



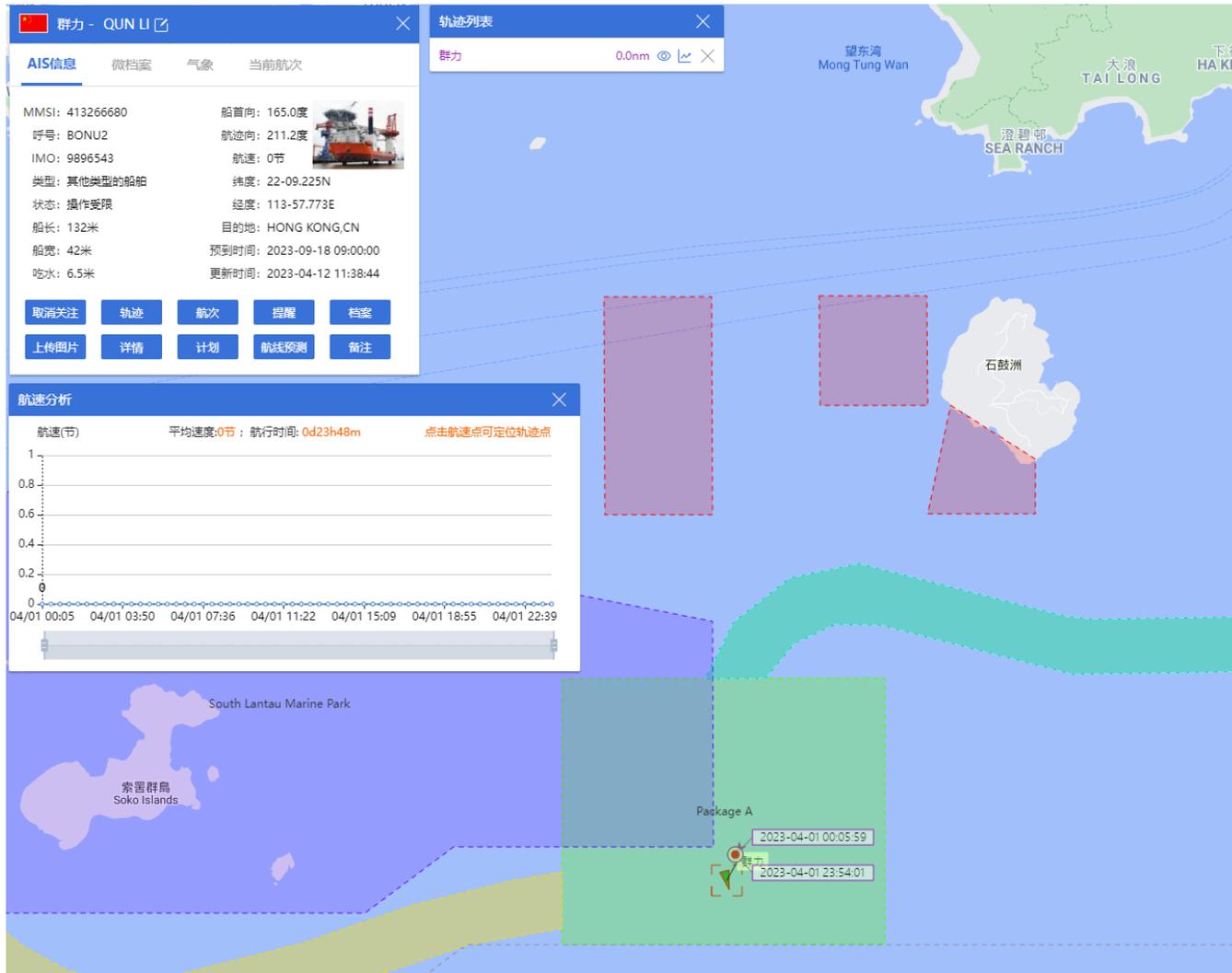
Yun Fu (Tug Boat) Historical Data Records (24-30 Apr 2023)

28-04-2023



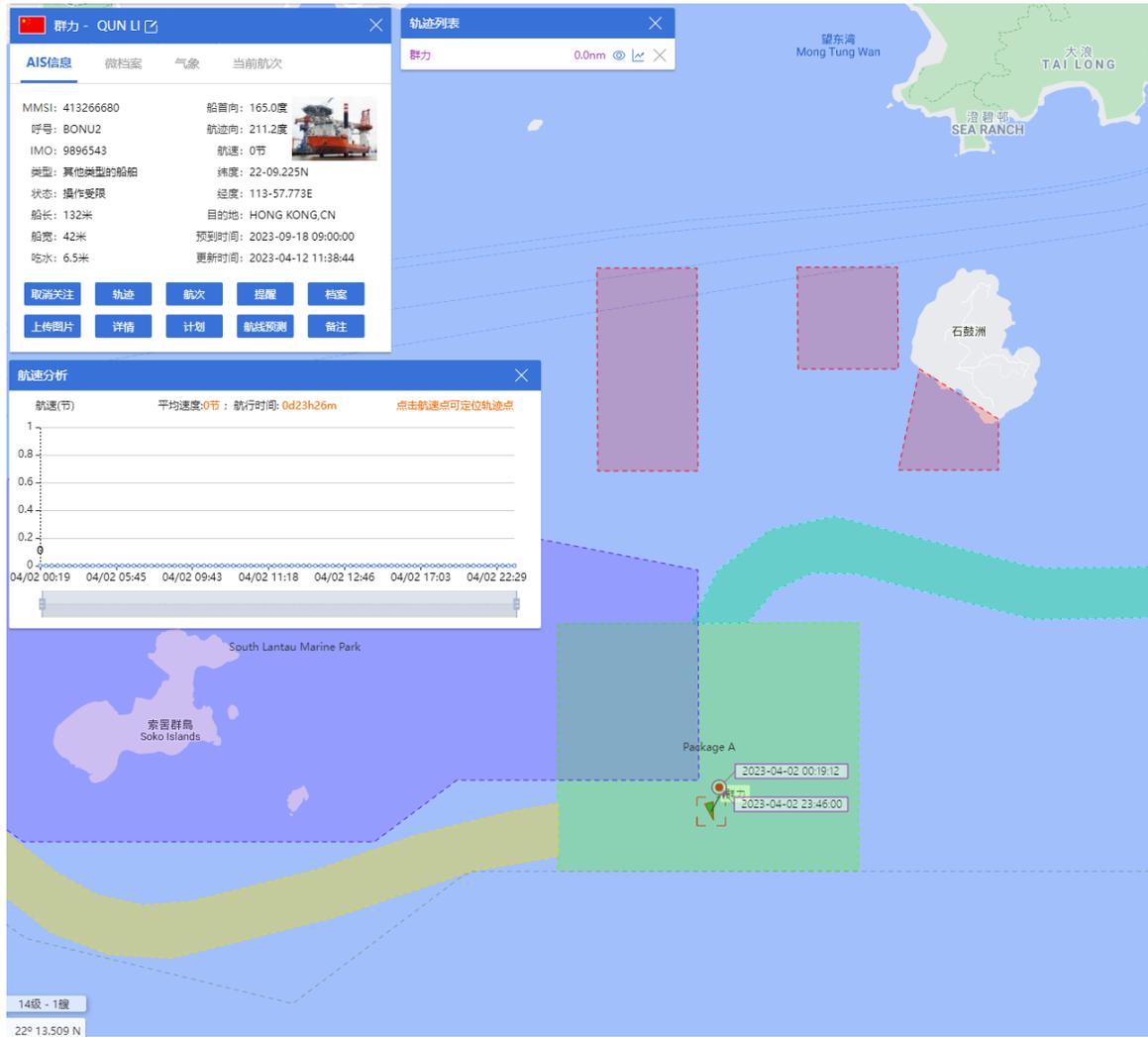
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

01-04-2023



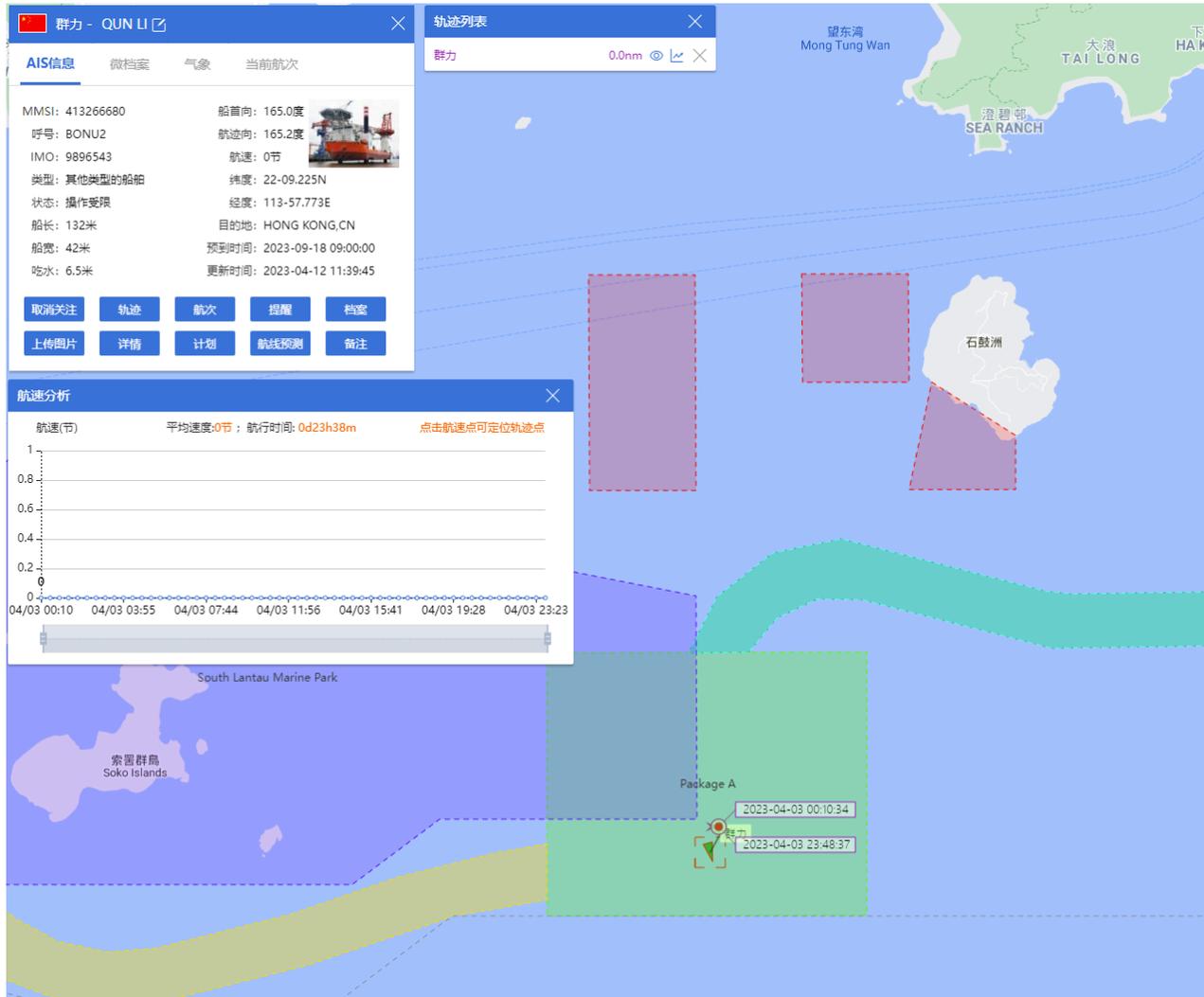
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

02-04-2023



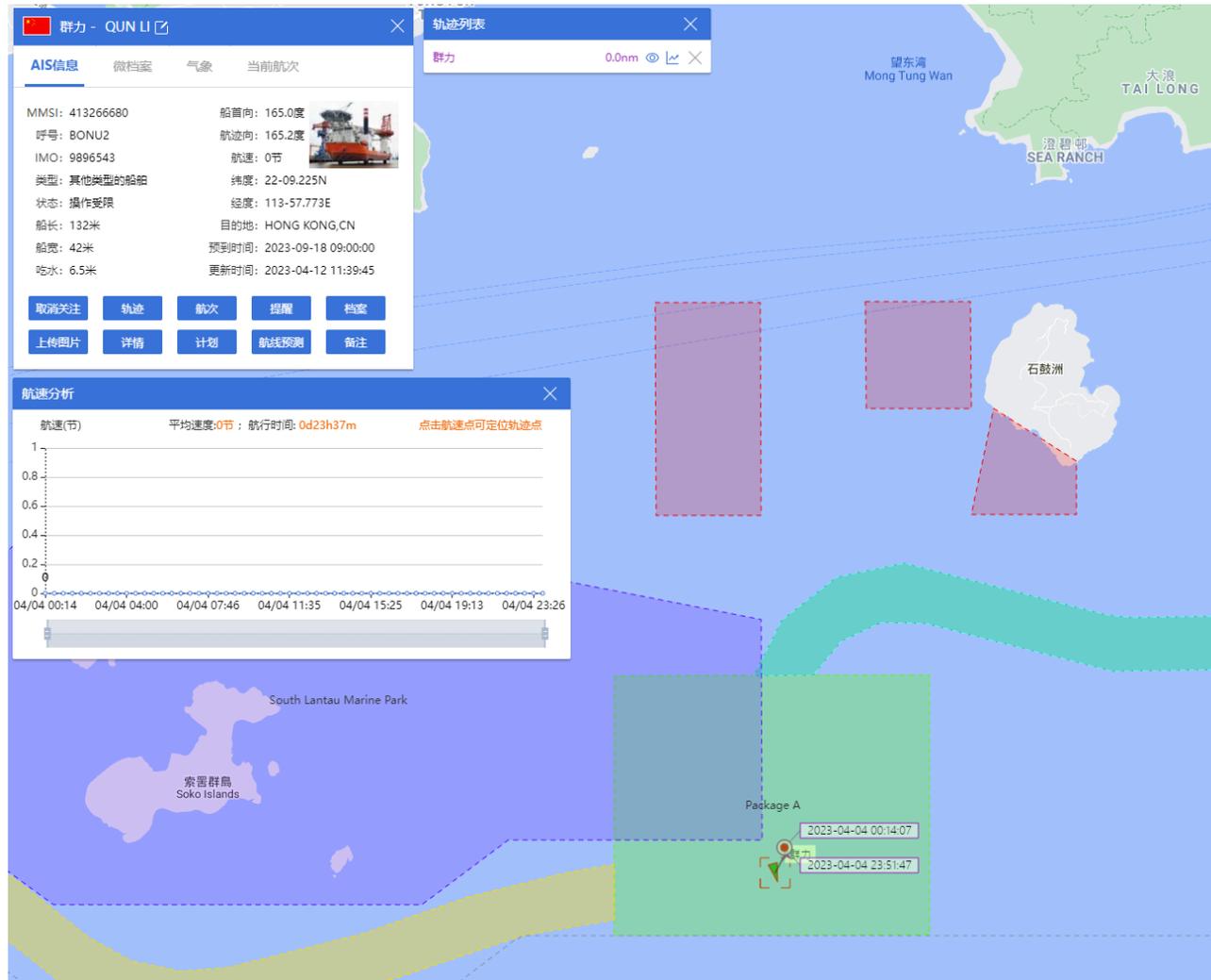
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

03-04-2023



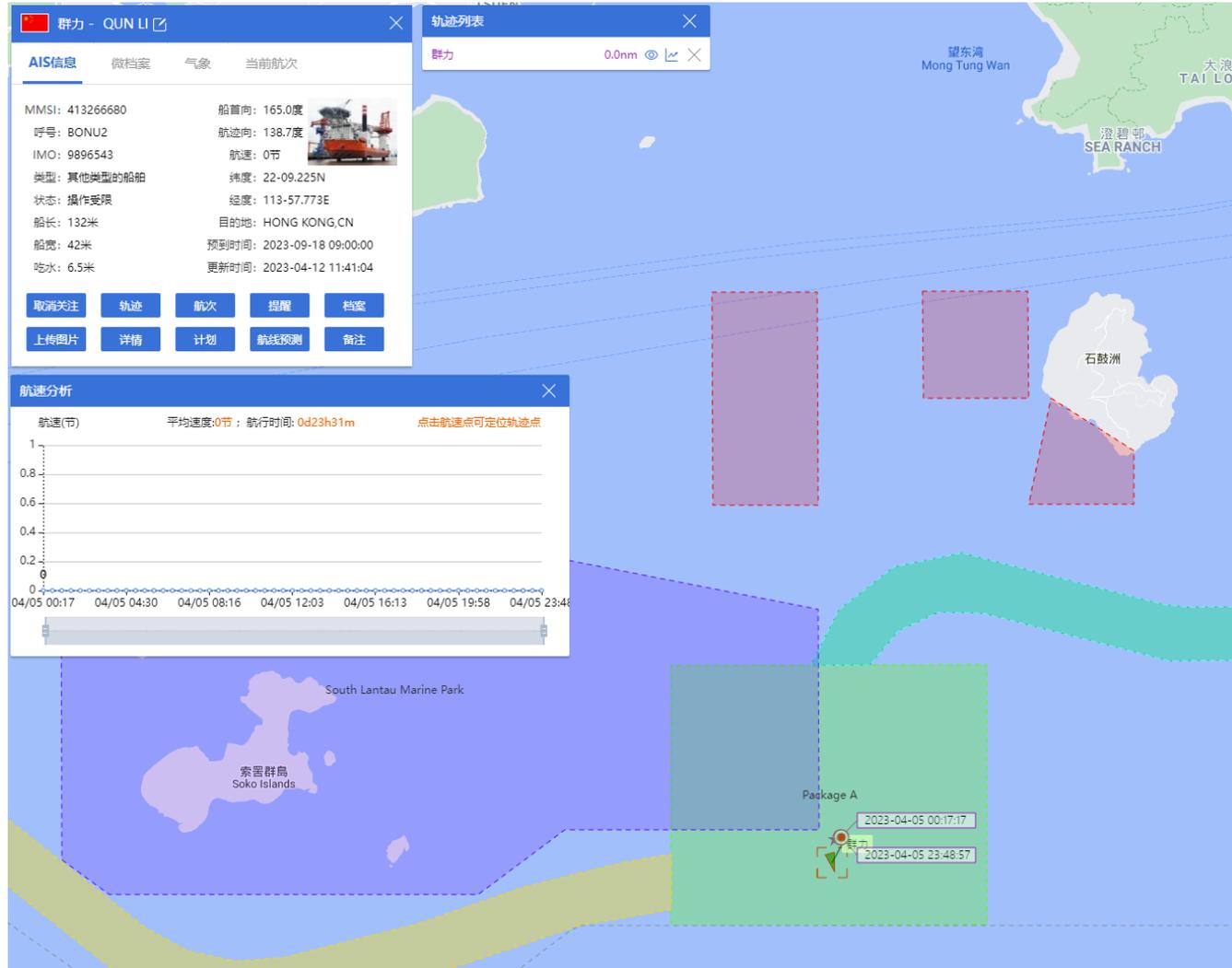
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

04-04-2023



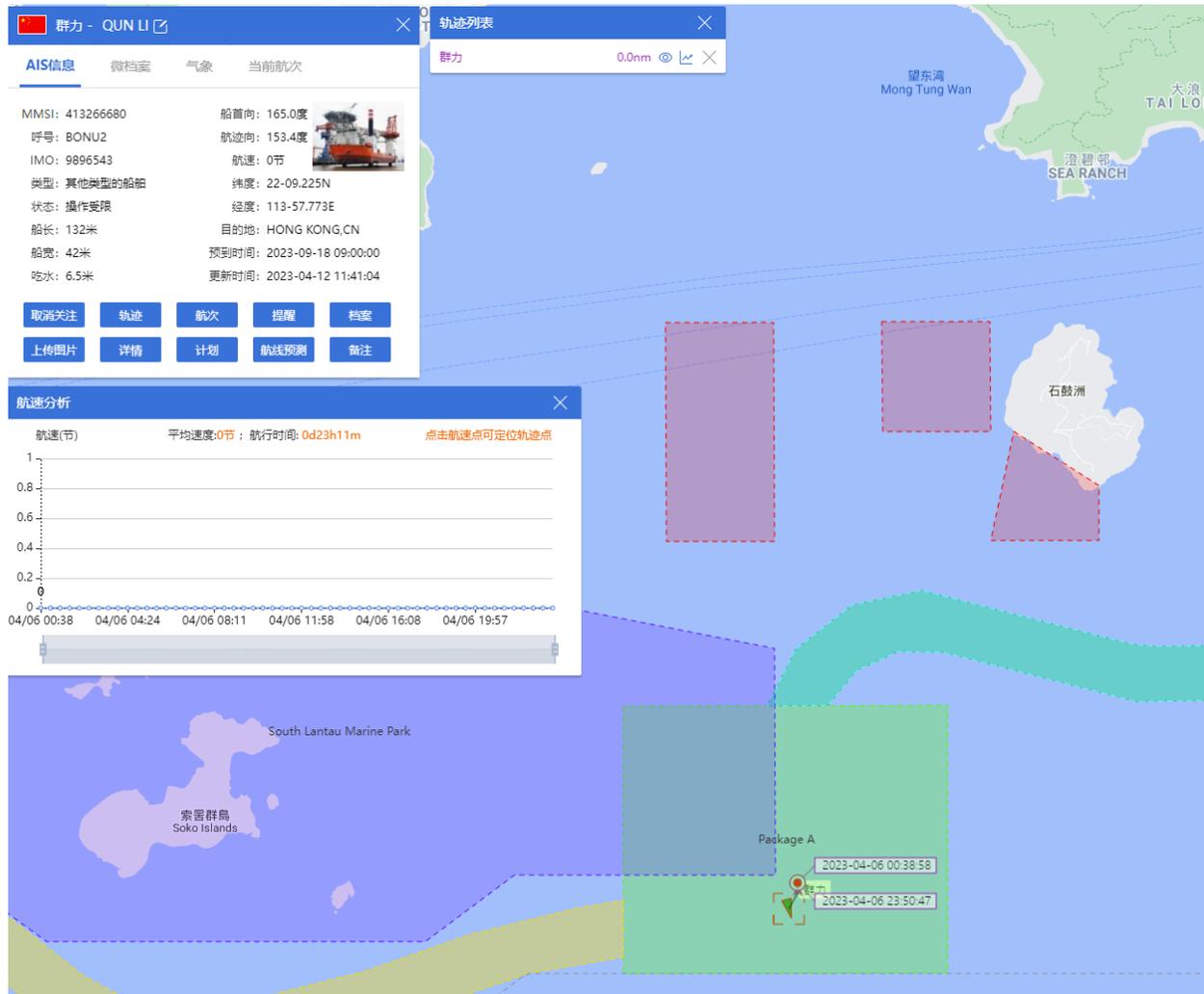
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

05-04-2023



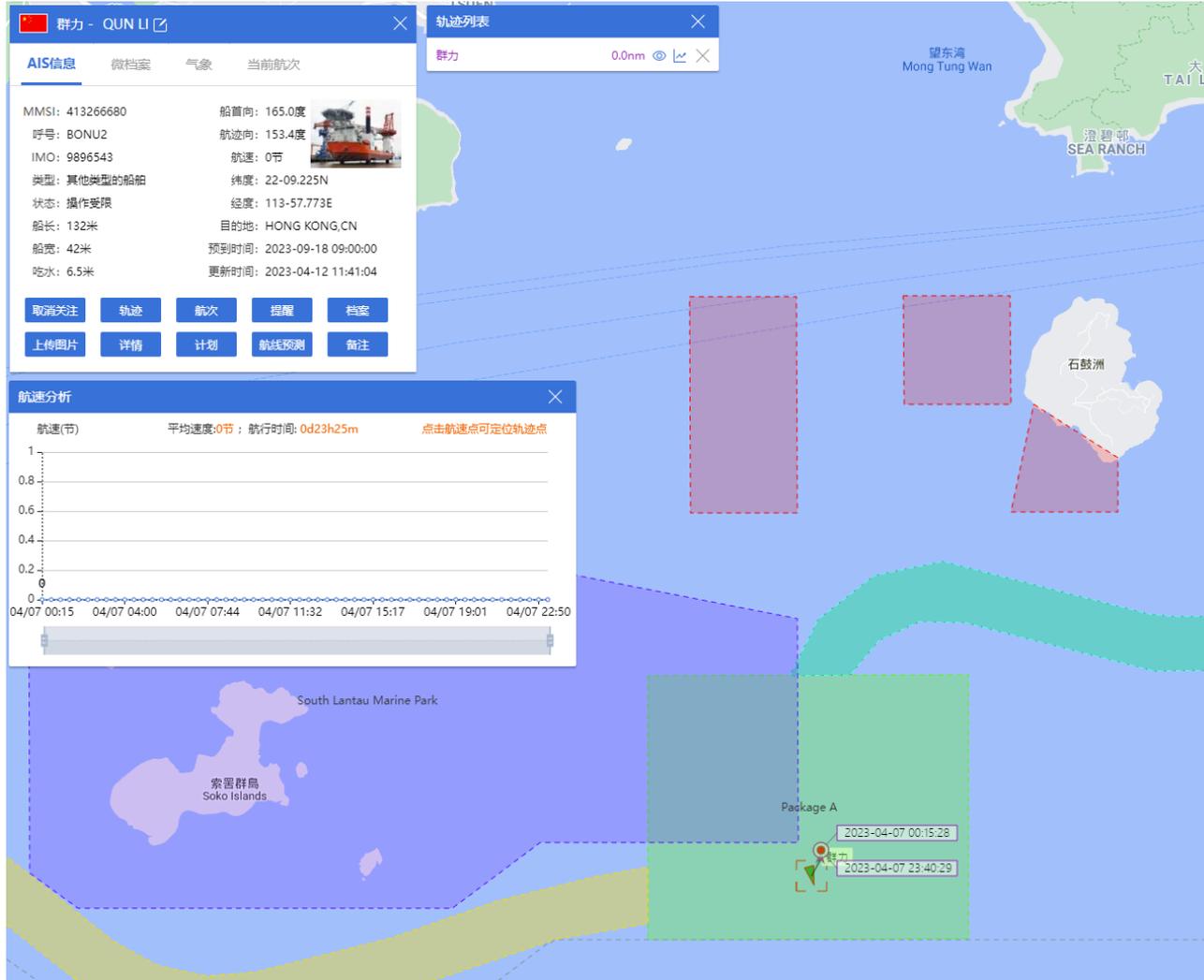
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

06-04-2023



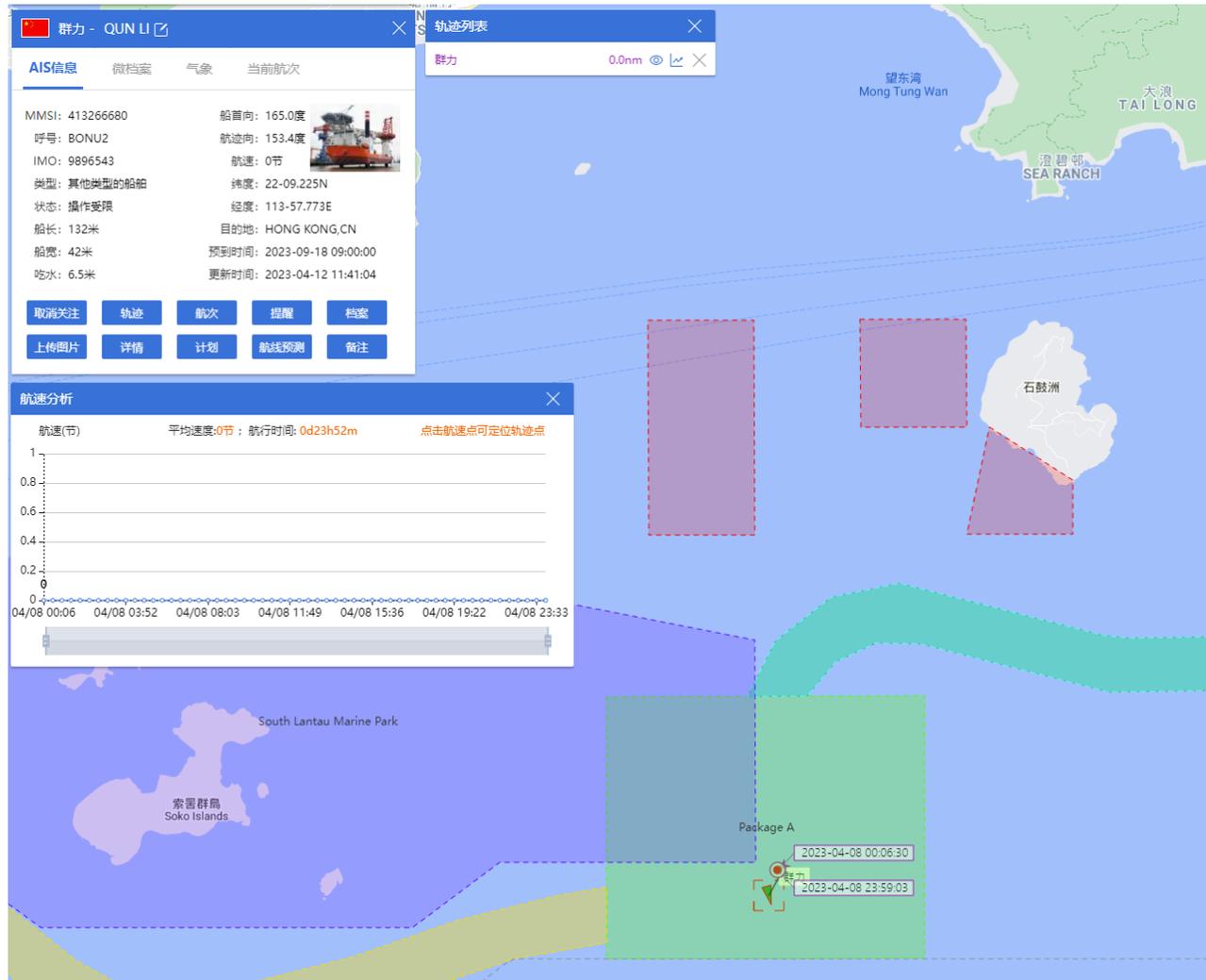
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

07-04-2023



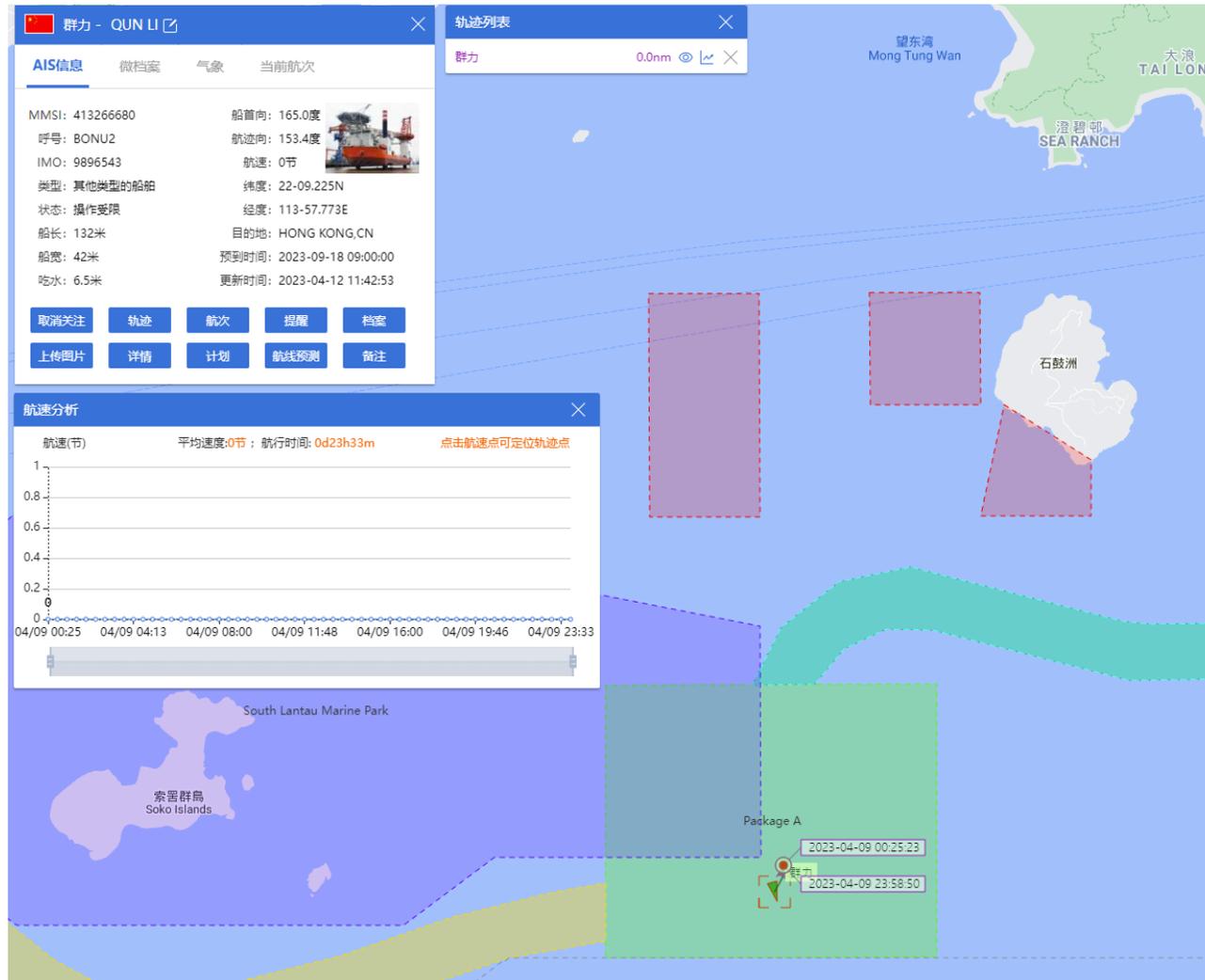
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

08-04-2023



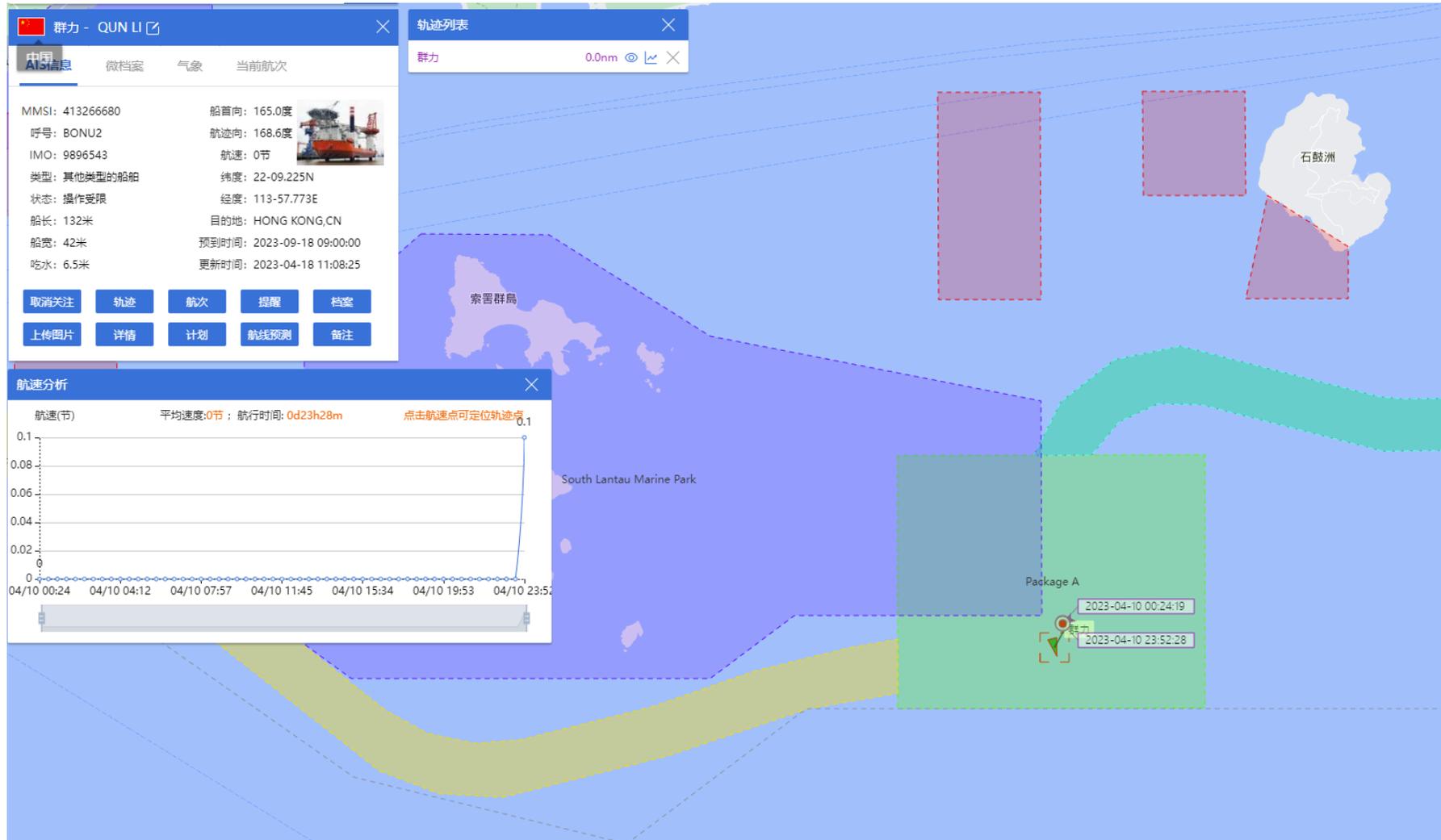
QUN LI (Special Purpose Vessel) Historical Data Records (1-9 Apr 2023)

09-04-2023



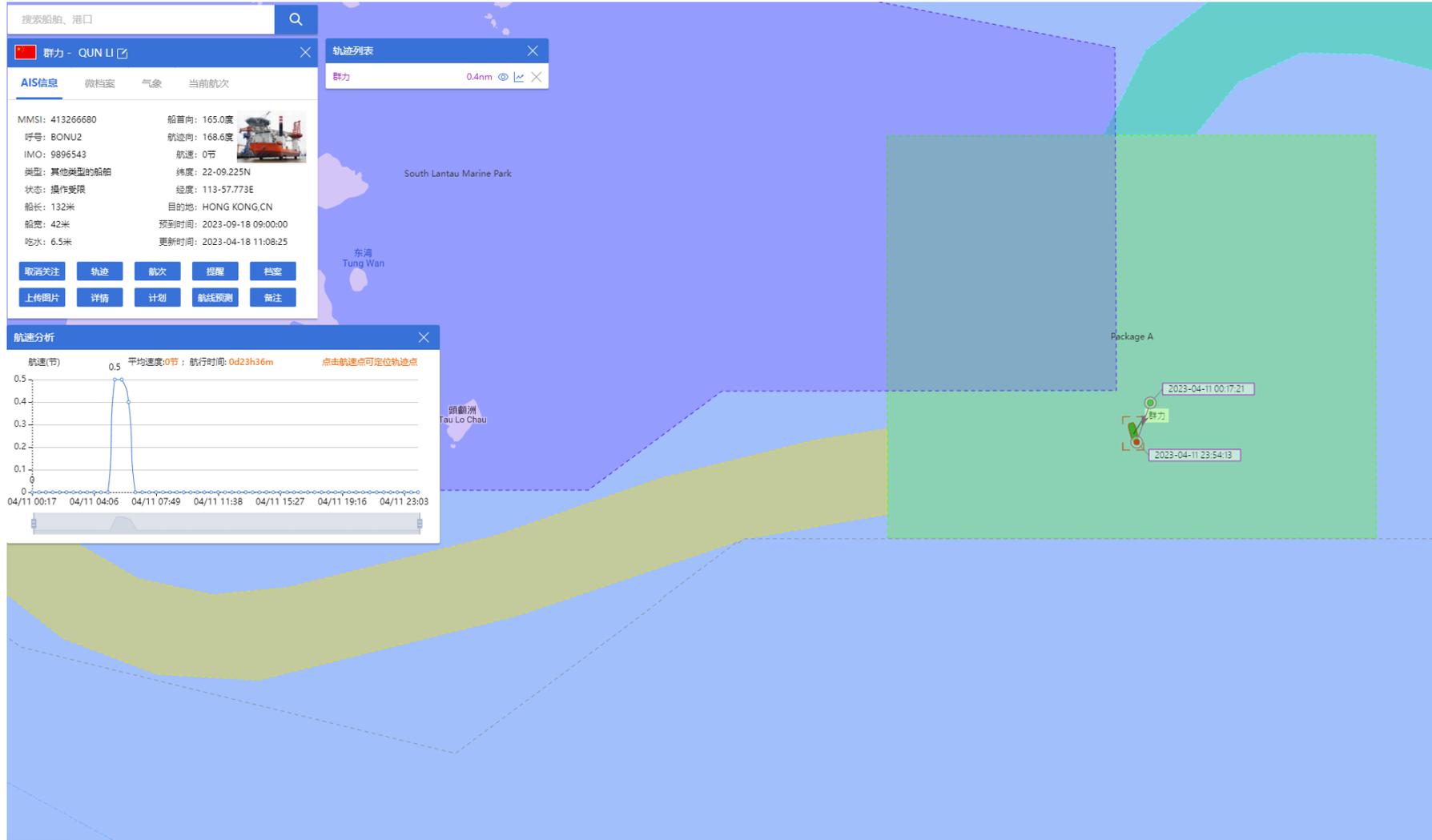
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

10-04-2023



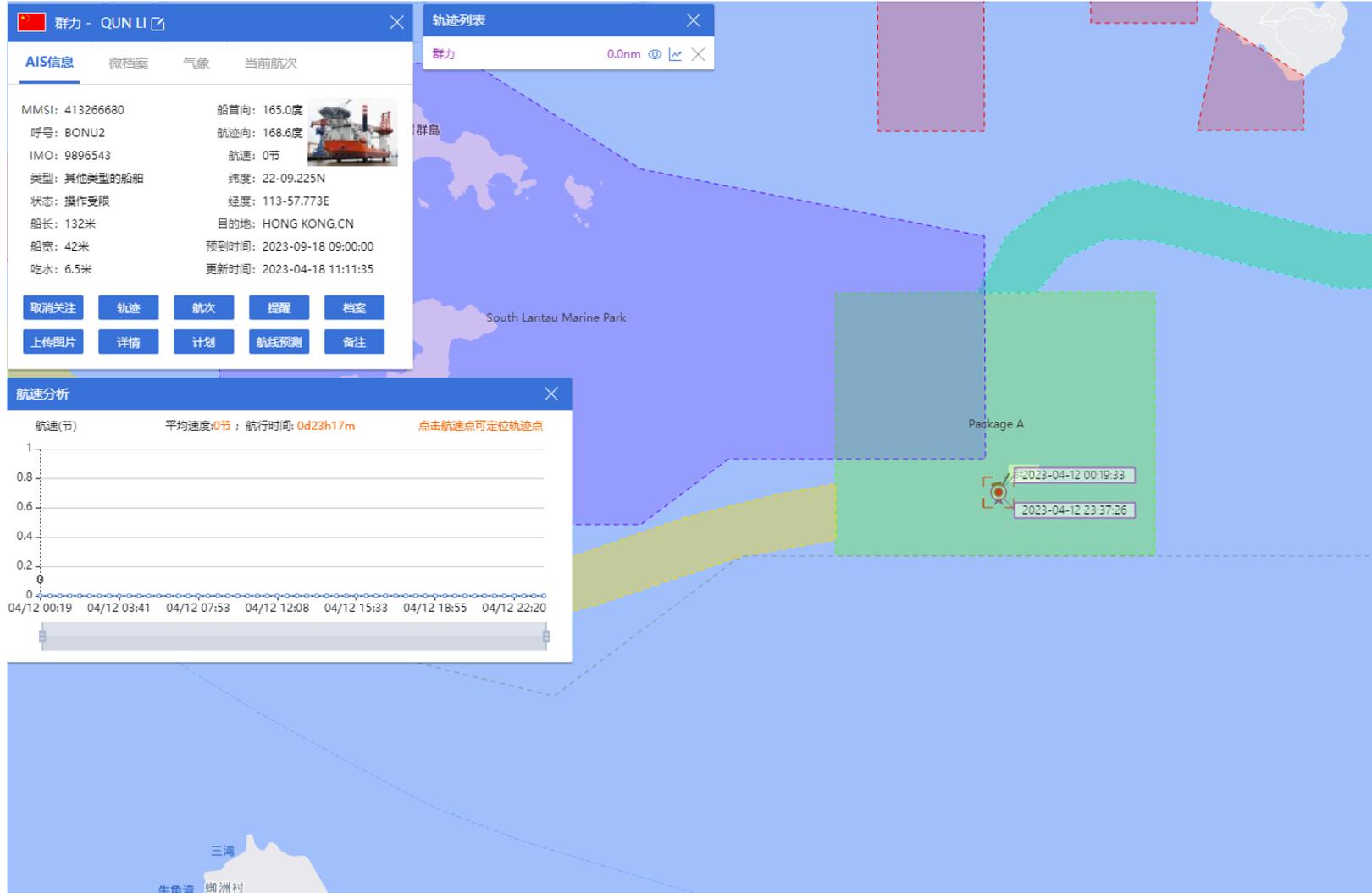
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

11-04-2023



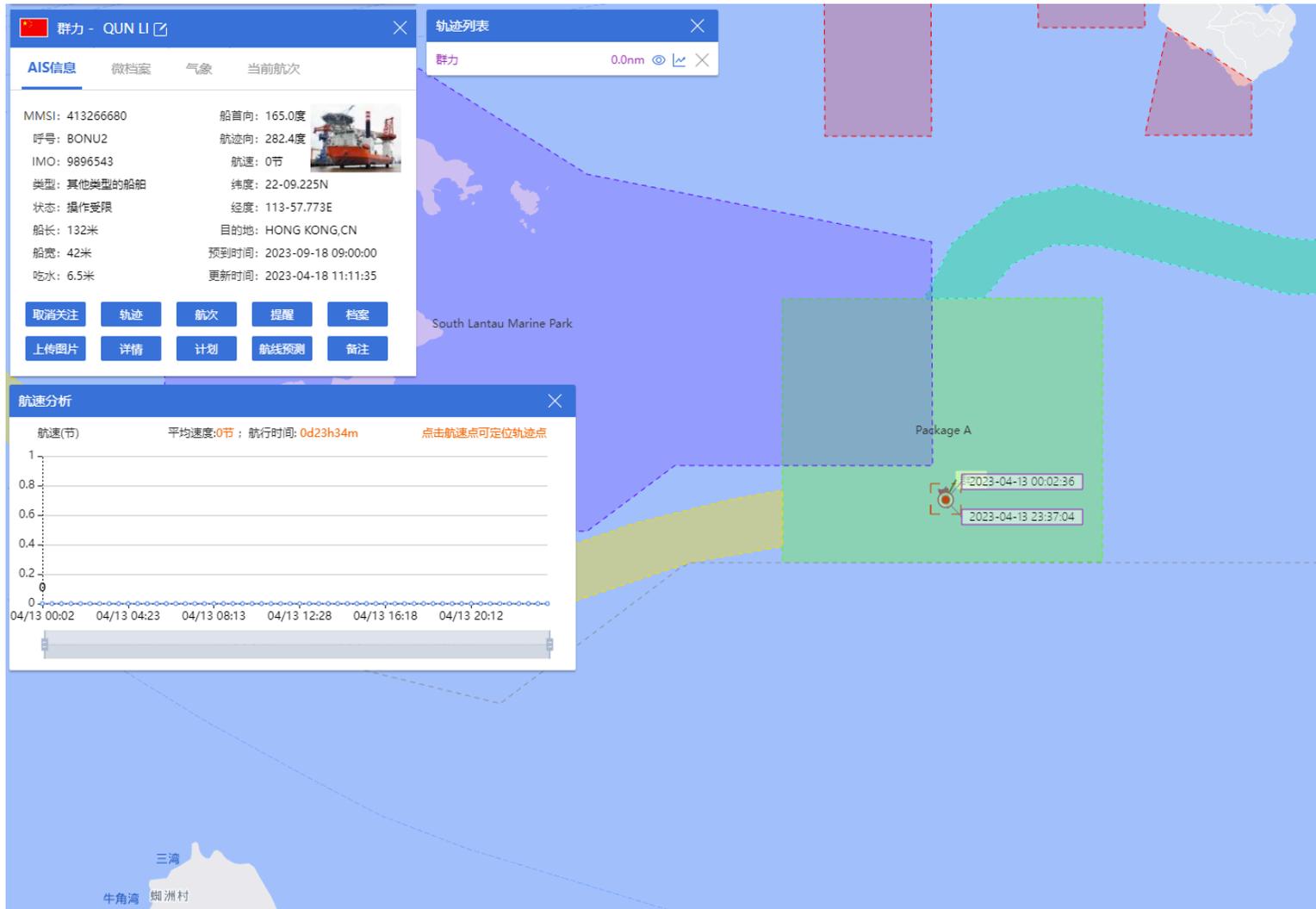
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

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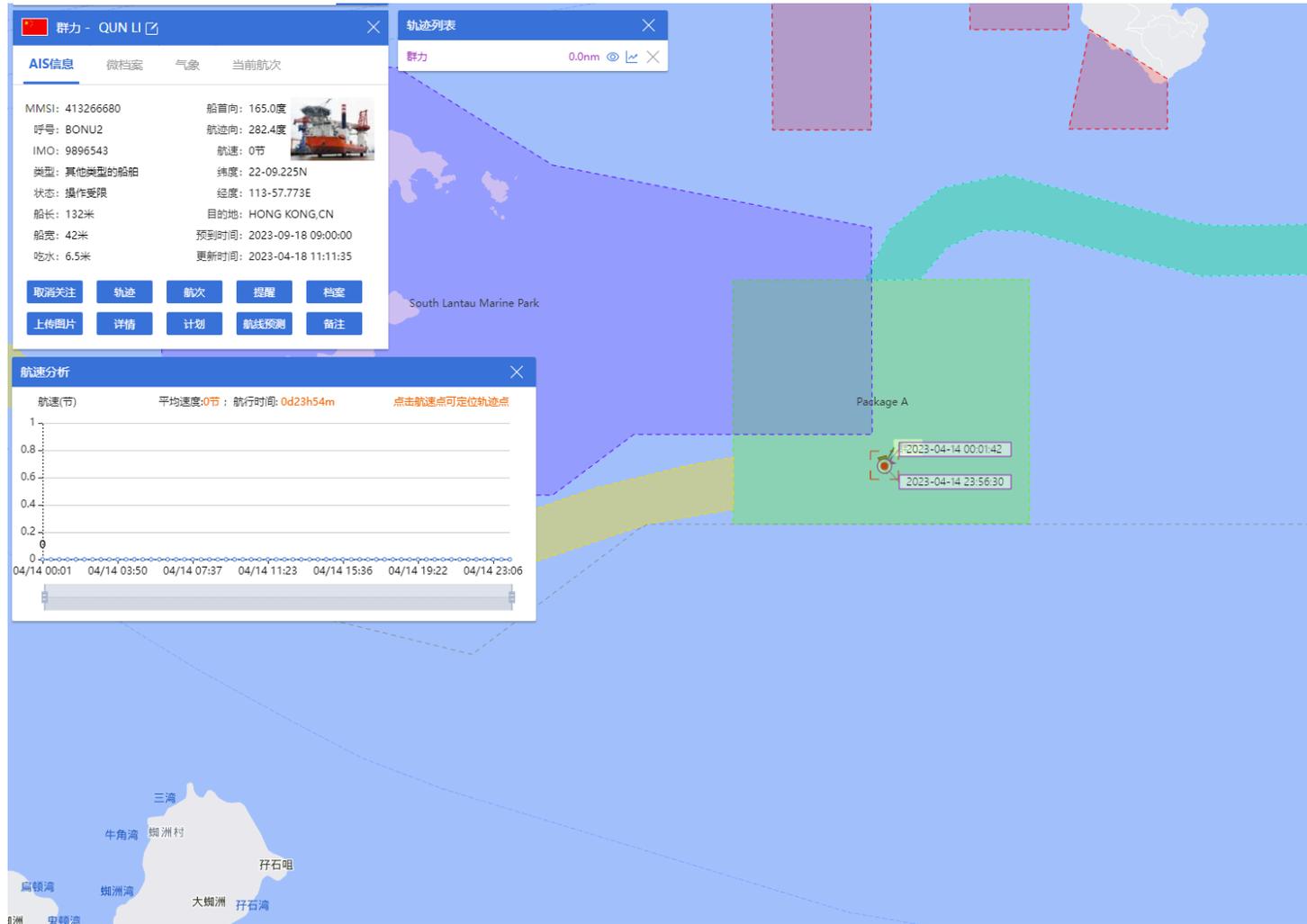
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

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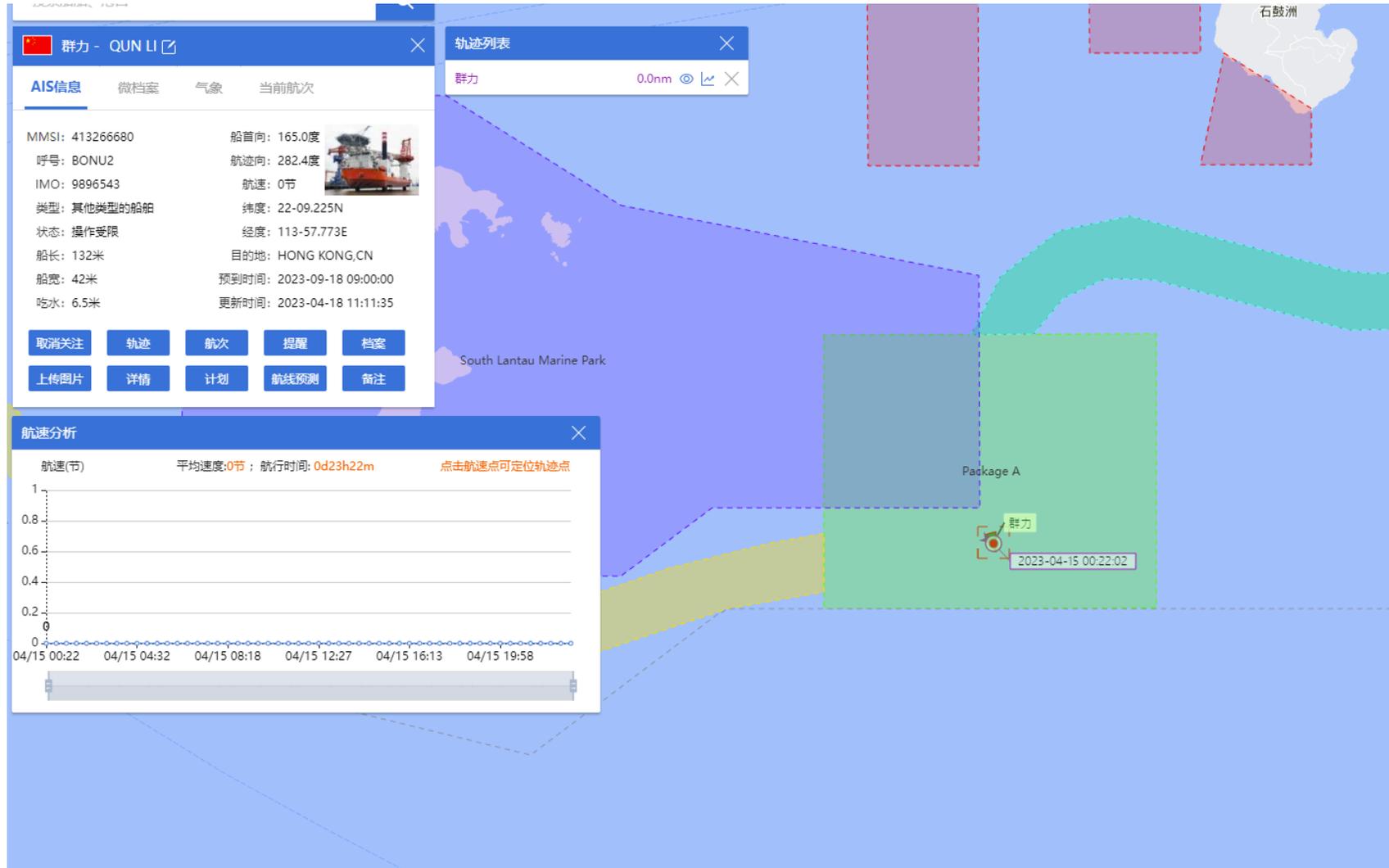
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

14-04-2023



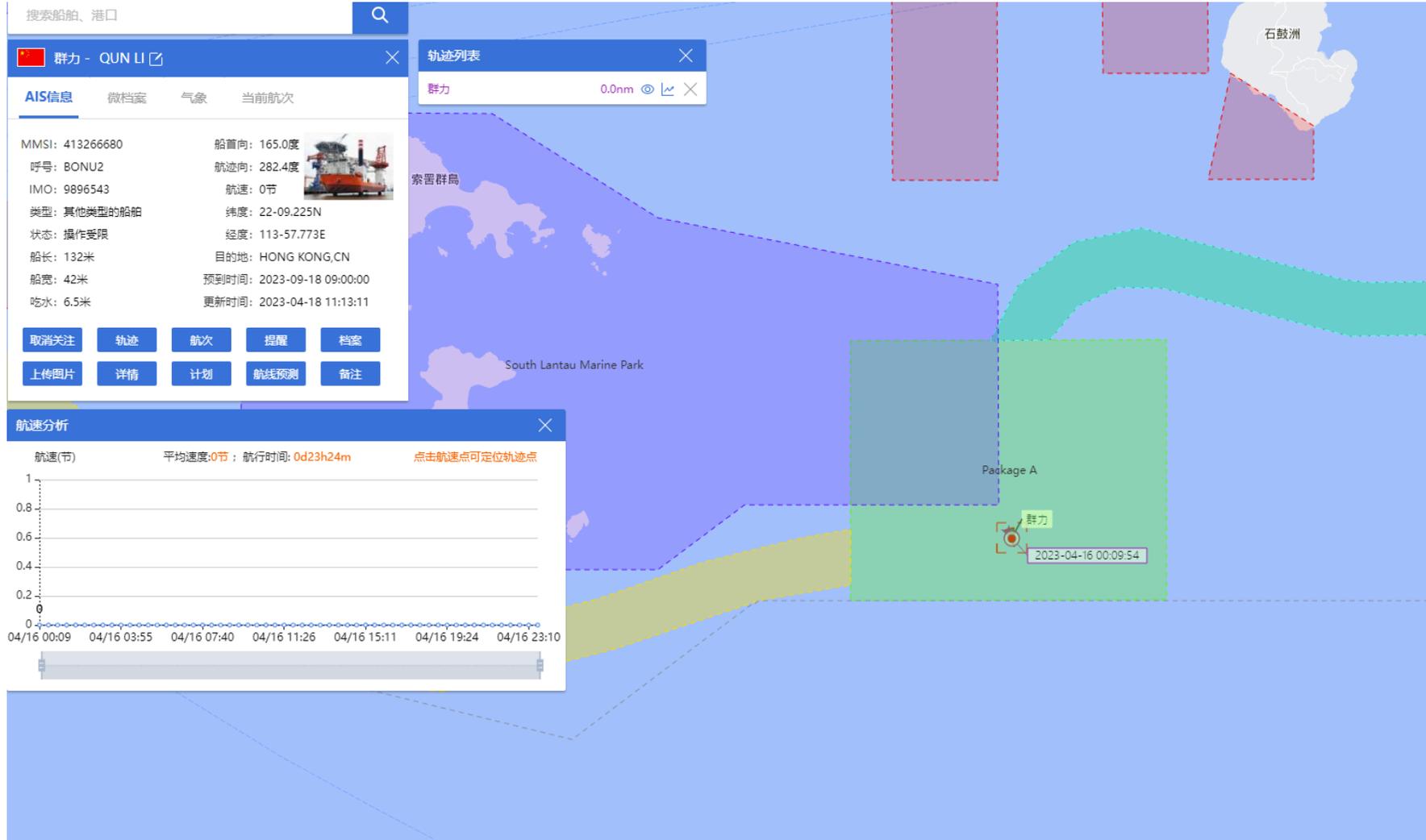
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

15-04-2023



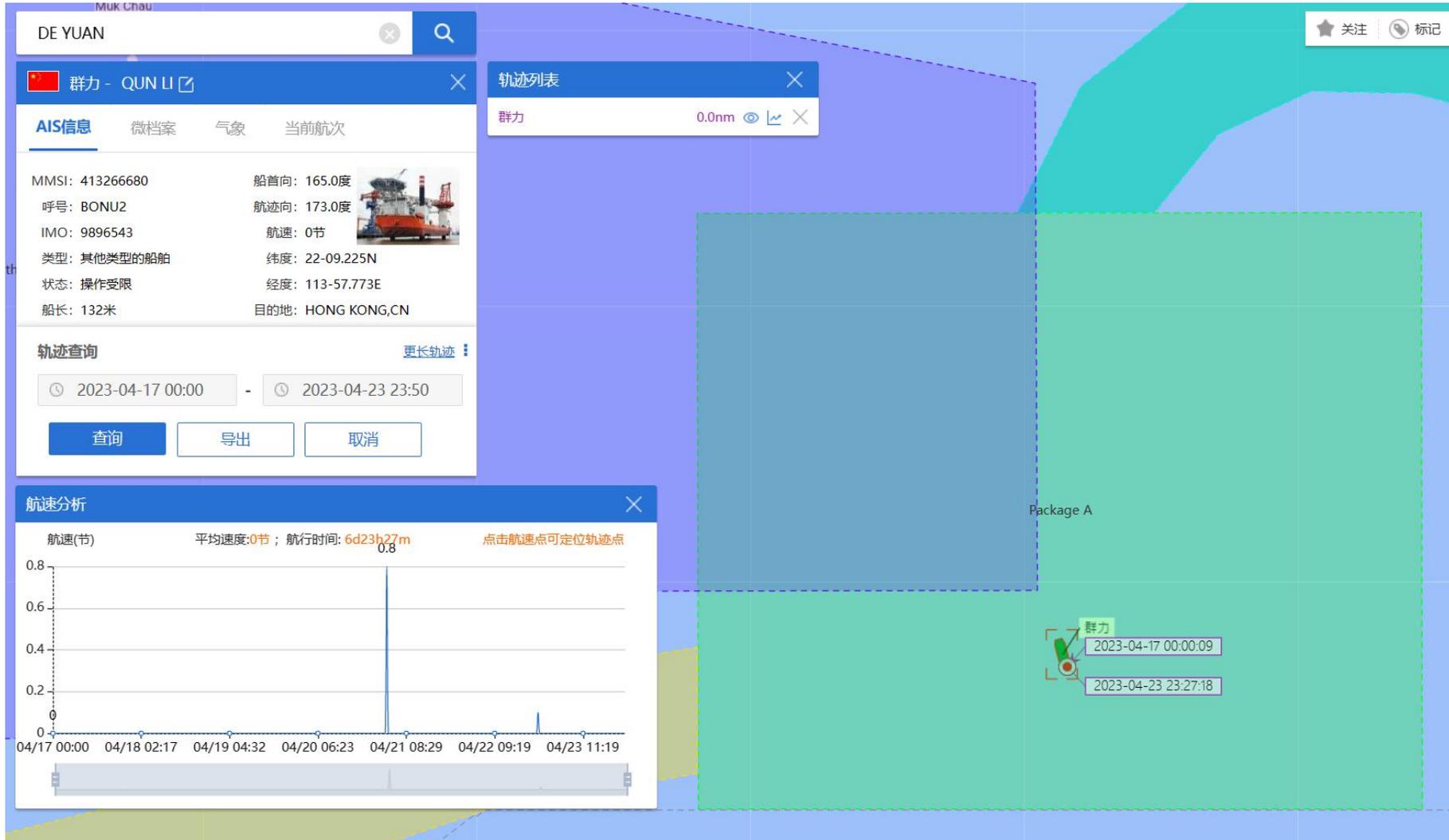
QUN LI (Special Purpose Vessel) Historical Data Records (10-16 Apr 2023)

16-04-2023



QUN LI (Special Purpose Vessel) Historical Data Records (17-23 Apr 2023)

17 to 23-04-2023



QUN LI (Special Purpose Vessel) Historical Data Records (24-30 Apr 2023)

24 to 30-04-2023 (Off-Site on 30-04-2023 12:00)

