

## Procedure for IOMOU PSC Data Sharing with Flag/RO

The IOMOU Port State Control Committee, in its 26<sup>th</sup> meeting approved sharing of IOMOU PSC data in XML format, with the non-member flag states and the classification societies. During the meeting, it was decided to get formal request letter first from the stakeholders on data sharing and then share IOMOU PSC data, month-wise for the previous three years and period-wise for the current year. It may be noted that, the IOMOU finalizes PSC data of the current year by April next year, when the Annual report is prepared.

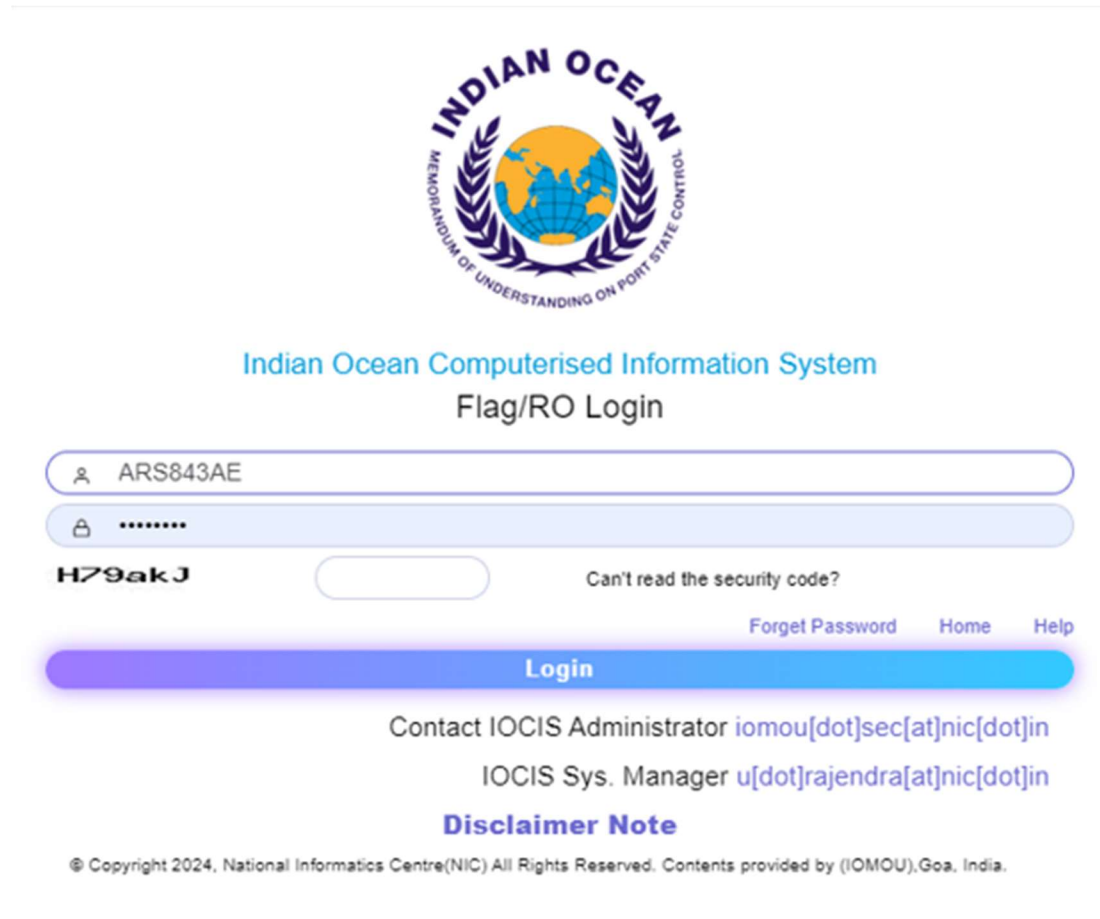
The procedure document is made available in the IOMOU website at Header menu under options **Our Work** (Header Menu) → **PSC Data Sharing** → **Procedure**. This procedure document includes Data sharing request Letter (Annexure-I), Names of Data fields used in sharing the PSC data (Annexure-II) and the sample PSC Data generated in the XML format (Annexure-II).

The screenshot displays the IOMOU website interface. At the top, there is a blue navigation bar with links for 'SITEMAP', 'CONTACT US', and social media icons. Below this is the IOMOU logo and the title 'INDIAN OCEAN MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL'. A secondary navigation bar contains 'About IOMOU', 'Inspection Search', 'Ship Risk Indicator', 'Publications', 'e-Library', 'Media Centre', and 'Our Work'. The 'Our Work' dropdown menu is open, showing options like 'Committee Meetings', 'CIC', 'Seminars & Trainings', 'PSCO Hands-on', 'PSC Data Sharing', 'Procedure', and 'Login'. Below the navigation is a banner for the '9TH PSCO SEMINAR IN MALDIVES FROM 17-21 JULY 2022'. A 'RECENT UPDATES' section features a 'WHAT'S NEW' tab and a news item titled 'Annual Report of the Indian Ocean Memorandum of Understanding (IOMOU) for the year 2022' dated 4 April 2023.

The stakeholders viz. Flag/RO need to submit **duly signed Data Request Letter (Annexure-I) to the IOMOU Secretariat, Goa**. The IOMOU Secretariat will scrutinize the Data Request Letter and register Flag/RO using user management module in the IOCIS database. The system generated user id (login) and password for registered Flag/RO will be communicated through email.

The registered Flag/RO users will access IOMOU website using URLs ( <https://www.iomou.org> ) or ( <https://iomou.nic.in> ). To login, one has to click option **Our Work** (Header Menu) → **PSC Data Sharing** → **Login**. Provide user id(login), password and captcha in the login screen, to enter your data sharing work area. Note that, as per

the security policy, new users mandatorily need to change the password as per the password validations, on their first login.



**INDIAN OCEAN**  
MEMORANDUM OF UNDERSTANDING ON PORT STATE CONTROL

Indian Ocean Computerised Information System  
Flag/RO Login

ARS843AE

.....

H79akJ  Can't read the security code?

[Forget Password](#) [Home](#) [Help](#)

**Login**

Contact IOCIS Administrator [iomou\[dot\]sec\[at\]nic\[dot\]in](mailto:iomou[dot]sec[at]nic[dot]in)  
IOCIS Sys. Manager [u\[dot\]rajendra\[at\]nic\[dot\]in](mailto:u[dot]rajendra[at]nic[dot]in)

**Disclaimer Note**

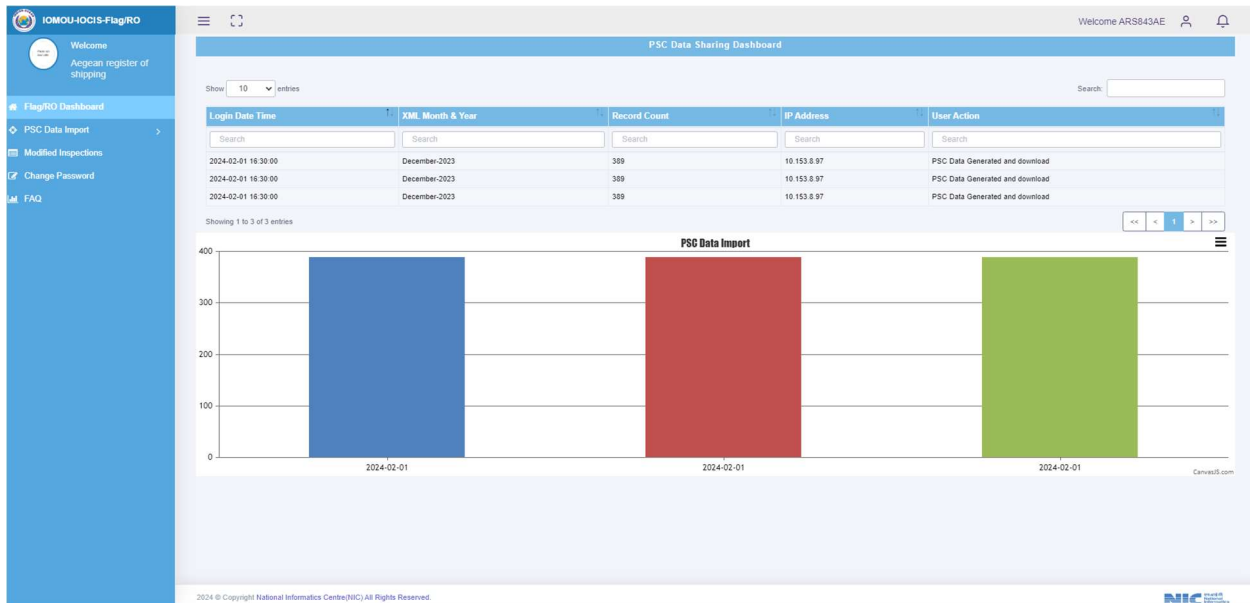
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After login, data sharing work area includes menu options on the LHS and dashboard on the RHS. The LHS menu option includes:

- Flag/RO dashboard
  - Show data download history in tabular and graphical form.
- PSC Data Import
  - Previous Years
    - Year-wise, Month-wise, IOMOU PSC Data download in XML format
    - Current Year
  - Current Year
    - Period-wise (From date-To date) IOMOU PSC data generation in XML format and download
- Modified Inspections
  - List modified inspections for download in XML format
- Change Password
  - Screen to change password
- FAQ

- Q&A

## Flag/RO dashboard



## PSC Data Import

- Current Year

The screenshot displays the 'Current Year PSC Data XML File Generation & Download' form within the IOMOU-IOCIS-Flag/RO system. The form includes dropdown menus for selecting the year, month, and inspection type, along with 'Generate & Download' and 'Reset' buttons.

Select Year: 2023  
 Select Month: January  
 Inspection Type: Initial (I)

[Generate & Download](#) [Reset](#)

- Previous Years

The screenshot displays the IOMOU-IOCIS-Flag/RO web interface. The main content area is titled 'Previous Years XML Files For Download' and contains a table with 10 entries. The table columns are Sr.No, Month, Year, Filename, Record Count, Inspection Type, and Action. The data shows files for each month from March to December 2022. The interface includes a sidebar with navigation options like 'Flag/RO Dashboard', 'PSC Data Report', and 'Previous Years'. A footer contains the copyright notice '© 2024 National Informatics Centre (NIC) All Rights Reserved' and the NIC logo.

Sr.No	Month	Year	Filename	Record Count	Inspection Type	Action
1	December	2022	..XMLFiles\2022_12_iomou_325.xml	325	Initial (I) + Follow-up (F)	Download File
2	November	2022	..XMLFiles\2022_11_iomou_335.xml	335	Initial (I) + Follow-up (F)	Download File
3	October	2022	..XMLFiles\2022_10_iomou_329.xml	329	Initial (I) + Follow-up (F)	Download File
4	September	2022	..XMLFiles\2022_09_iomou_423.xml	423	Initial (I) + Follow-up (F)	Download File
5	August	2022	..XMLFiles\2022_08_iomou_494.xml	494	Initial (I) + Follow-up (F)	Download File
6	July	2022	..XMLFiles\2022_07_iomou_308.xml	308	Initial (I) + Follow-up (F)	Download File
7	June	2022	..XMLFiles\2022_06_iomou_433.xml	433	Initial (I) + Follow-up (F)	Download File
8	May	2022	..XMLFiles\2022_05_iomou_368.xml	368	Initial (I) + Follow-up (F)	Download File
9	April	2022	..XMLFiles\2022_04_iomou_407.xml	407	Initial (I) + Follow-up (F)	Download File
10	March	2022	..XMLFiles\2022_03_iomou_388.xml	388	Initial (I) + Follow-up (F)	Download File

The IOMOU Committee on PSC holds the rights to discontinue data sharing with registered Flag/RO, in case of misuse.

## Organization Letter Head

Reference No.:

Dated: dd.mm.yyyy

To.  
Secretary,  
IOMOU Secretariat,  
House No.92, Plot No.A-8,  
Rangavi Estate, Dabolim,  
Goa, INDIA-403801

**Subject: Request for IOMOU PSC Data Sharing**

Sir,

This is to show our interest in getting IOMOU PSC data in XML format. Details of our organization are as follows:

- Organization Type: Flag / RO
- Full Name of Organization:
- Organization (Abbreviation):
- Organization Address:
- Organization Country:
- Name of Contact Person:
- Designation:
- Email:
- Contact Number:
- Public IP Address of the server from which IOMOU PSC data will be downloaded.
  - Single Public IP address: xxx.xxx.xxx.xxx
  - Public IP Address range: From xxx.xxx.xxx.xxx To xxx.xxx.xxx.xxx

It is requested to provide user credentials (user id/password) to access IOMOU PSC data sharing.

Best Regards

Signature  
Name of signing Authority  
Designation

Note: Send duly signed letter to IOMOU Secretariat by Post and on email (iomou.sec@nic.in ).

## Annexure II

Every Initial and Follow-up inspection record will have same fields in same field sequence.

IOCIS DB Engine: **MariaDB**

Field Description	Field_Name	Data Type	Sample Field data
<b>Inspection Details</b>			
IOCIS Inspection Number	insp_no	Int(6)	165675
IMO Number	imo_no	Int(7)	9588500
Ship Name	ship_name	Varchar(50)	CENTURY BRIGHT
Flag	flag_code	Char(2)	CK
Ship Type	ship_type_code	Char(3)	340
CS/RO Code	soc_code	Char(3)	186
CS/RO Other	soc_other	Varchar(255)	Name of CS/RO if not listed in CS/RO master DB
Build Year	year_build	Int(4)	2009
Callsign	call_sign	Varchar(7)	E5U3893
MMSI (Maritime Mobile Service Identities)	mmsi_no	Varchar(9)	518100982
Gross Tonnage	gross_tonnage	Int(6)	32983
Dead Weight	dead_weight	Int(6)	56877
Inspection Type (Initial /Follow-up)	insp_type	Char(1)	I (Initial) F (Follow-up)
Initial Inspection Number (in case of Follow-up)	initial_insp_no	varchar(6)	IOCIS Initial Inspection No. in case of Follow-up inspection
Follow-up serial number	followup_sr_no	Char(2)	1,2,3.....
Inspection Date	date_inspection	date	2023-09-28
Port Code	port_code	Varchar(5)	IRSRP
Port Name Other	port_name_other	Varchar(150)	Name of Port, in case not listed in Port master DB
PSCO Name	psco_name	Varchar(40)	Name of PSCO
PSCO Flag Code	psco_flag_code	Char(2)	PSCO flag code
Has Deficiency? Yes / No	deficiency_yn	Char(1)	Y or N
Is Detained? Yes / No	detained_yn	Char(1)	Y or N
Detention Time	detention_time	Time	00:00:00
Detention Release Date	date_release	Date	0000-00-00
Detention Release Time	release_time	time	00:00:00
IMO Company Number	imo_comp_no	Varchar(7)	6024271

Ship Owner	ship_owner	Varchar(128)	DALIAN
Ship Charterer	ship_charter	Varchar(200)	A
Inspection Action Code	insp_action_code	Varchar(250)	
Approval by NA	approval_na	Char(1)	Y
Supporting Documents? Yes/No	supp_docu_yn	Char(1)	Y or N
<b>Certificate Details</b>			
IOCIS Inspection Number	insp_no	Int(6)	IOCIS Inspection No. 165675
Certificate Code	certificate_code	Varchar(3)	501
Issued by CS/Flag	issue_cs_flag	Char(1)	C or F (C-CS/F-Flag)
Issuing Authority	issue_authority	Char(3)	Code of C or Code of F
Issuing authority other	issue_authority_other	Varchar(255)	Name of C or F if not listed in master DB
Date of Issue	date_of_issue	Date	YYYY-MM-DD
Date of Expiry	date_of_expiry	Date	YYYY-MM-DD
Date of Last Survey	date_last_survey	Date	YYYY-MM-DD
Survey by CS/Flag	survey_cs_flag	Char(1)	C or F (C-CS/F-Flag)
Survey Authority	survey_authority	Char(3)	Code of C or Code of F
Survey Authority Other	survey_authority_other	Varchar(255)	Name of C or F if not listed in master DB
Place of survey	place_survey	Varchar(30)	Name of Place
<b>Deficiency Details</b>			
IOCIS Inspection Number	insp_no	Int(6)	IOCIS Inspection No. 165675
Deficiency Serial No.	def_srno	Tinyint(1)	1,2,3,.....
Deficiency Group Code	def_group_code	Varchar(3)	3 digit deficiency group code
Deficiency Code	def_code	Varchar(5)	5 digit deficiency code
Other Deficiency	def_other	Varchar(500)	Deficiency text
Deficiency Action Code 1	def_action_code	Char(2)	2 digit deficiency initial action code
Deficiency Action Code 2	def_action_code2	Char(2)	2 digit deficiency action code
Deficiency Action Code 3	def_action_code3	Char(2)	10
Deficiency action other	def_action_other	Varchar(255)	Deficiency other action text
Convention Reference	conv_ref	Varchar(255)	LL66/ANI/R19
Is RO responsible? (Yes/No)	ro_responsible	Char(1)	Y or N
Responsible RO Code	responsible_ro_code	Varchar(3)	CS/RO code
RO Other	ro_other	Varchar(255)	Name of CS/RO if not listed in master DB

This XML file does not appear to have any style information associated with it. The document tree is shown below.

### Sample IOMOU PSC Data generated XML file

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  <PSC_SHIP_INSP_DETAILS>
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    <psco_flag_code>IR</psco_flag_code>
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