



# जवाहरलाल नेहरू पोर्ट ट्रस्ट JAWAHARLAL NEHRU PORT TRUST

ISO 9001 : 2008  
ISO 14001:2004  
ISO 27001:2013  
OHSAS 18001: 2007

पत्तन कार्यालय : प्रशासन भवन, शेवा, नवी मुंबई - 400 707. Port Office : Administration Bldg., Sheva, Nave Mumbai - 400 707.  
मुख्य सतर्कता अधिकारी Chief Vigilance Officer-(022) 2724 2292; मुख्य प्रबंधक (प्रशासन) एवं सचिव Chief Manager (Admn.) & Secy-(022) 2724 2233;  
मुख्य प्रबंधक (यातायात) Chief Manager (Traffic)-(022) 2724 2377; मुख्य प्रबंधक (यां. एवं वि.अ.) Chief Manager (M&EE)-(022) 2724 2218;  
मुख्य प्रबंधक (वित्त) Chief Manager (Fin)-(022) 2724 2241; मुख्य प्रबंधक (प. यो. वि.) Chief Manager (PP&D)-(022) 2724 2326;  
उप-संरक्षक Dy. Conservator (022) 2724 2301; हार्बर मास्टर Harbour Master - (022) 2724 4173.

Website : www.jnport.gov.in E-mail : info@jnport.gov.in

No.JNP/MARINE/SUP-prohibition/2021/343

25<sup>th</sup> June, 2021.

## C-I-R-C-U-L-A-R

Sub: Prohibition on use of single use Plastics on board ships calling Jawaharlal Nehru Port Trust.

As part of the multiple pro-active measures which have been undertaken by the Government of India under the National Action Plan to promote Green Shipping one of the initiatives which is being undertaken by the Port is to curb marine pollution by implementing a ban on the usage of single use plastics by all ships calling JN Port. In this regard kind attention is drawn to the Directorate General of Shipping, Mumbai Order No.5 of 2019 dated 16<sup>th</sup> October, 2019 (copy enclosed) and subsequent to this Order an Addendum No.1 to DG Shipping Order No.5 of 2019 dated 8<sup>th</sup> January, 2020 (Copy enclosed).

The single use plastics are defined in this Addendum which prescribes the execution plan for prohibition of its usage on board merchant ships visiting Indian Ports. All ships are requested to be guided by this DG Shipping's Order No.5 of 2019 and the Addendum No.1 to DG Shipping Order No.5/2019 and submit the declaration of compliance in the General Declaration before arrival at JNPT.

Waste reception facilities shall continue to be provided in JNPT through Swachh Sagar Portal including for disposal of single use plastic items. However, the single use plastics should be kept segregated and marked for disposal.

सुनील त्रिशील  
25/6/21

Harbour Master/Dy. Conservator I/c





भारत सरकार / GOVERNMENT OF INDIA  
पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING

नौवहन महानिदेशालय, मुंबई  
DIRECTORATE GENERAL OF SHIPPING, MUMBAI

F.No. ENG.OPP-38(02)/19

Dated 16<sup>th</sup> October, 2019

DGS Order No. 05 of 2019

Sub.: Prohibition on use of Single Use Plastics

Introduction:

Whereas the object of the Merchant Shipping Act, 1958, as amended is to foster the development of shipping and ensure the safe & efficient Indian mercantile marine in a manner best suited to serve the national interests;

2. Whereas the Directorate General of Shipping [DGS], Ministry of Shipping, Govt. of India is the designated maritime administration of the country to administer the Merchant Shipping Act, 1958, as amended, as facilitator and regulator of the merchant shipping in India:

3. Whereas, the United Nations Environment Programme (UNEP) is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system, and serves as an authoritative advocate for the global environment:

4. Whereas, over the years India has actively collaborated in the work of the UNEP, including for the prevention of marine pollution;

5. Whereas, as per the 2018 UNEP report titled 'Single-use plastics - A Roadmap for Sustainability', single-use plastics are also known as disposable plastics like plastic bags, straws, coffee stirrers, soda and water bottles and food packaging, which are used only once before they are thrown away or recycled:

6. Whereas, the aforesaid report highlighted the ubiquitous nature of plastic for being one of the greatest environmental challenges that chokes marine life transforming some marine areas into a plastic soup:



7. According to International Clean-up Report, 2017, the most common finds during international coastal clean-ups are, in order of magnitude, cigarette butts, plastic beverage bottles, plastic bottle caps, food wrappers, plastic grocery bags, plastic lids, straws and stirrers, glass beverage bottles, other kinds of plastic bags, and foam take-away containers. Single-use plastics took most of the spots in this list of top ten.
8. Whereas, as per the 2018 UNEP report, *Single-use plastics - A Roadmap for Sustainability*: "Plastic pollution is a defining challenge of our times....Single-use throw away plastics are the biggest contributor every year, millions of plastic bags end up in the environment, thus polluting soil, water bodies, rivers oceans."
9. Whereas, according to International Maritime Organization, Marine litter presents a huge problem in our oceans, with some scientists warning that, by 2050, the quantity of plastics in the oceans will outweigh fish.
10. Whereas prohibition of discharging plastic at sea is not alien to maritime regulatory frameworks.
11. Whereas anecdotal accounts suggest the prevalence of wilful dumping of litter (plastic bottles, bags etc.) overboard by seafarers and that the lack of proper education and management has lead the seafarers to inevitably use single-use plastic products and discard them in a non-responsible manner;
12. Whereas, to avoid such practices IMO adopted Resolution MEPC.295(71)/2017: Guidelines for the implementation of MARPOL ANNEX V on 7<sup>th</sup> July 2017.
13. Whereas during the Independence Day speech on Aug. 15,2019, Hon'ble Prime Minister had urged people and government agencies to "**take the first big step**" on **October 2, 2019** towards freeing India of single-use plastic.
14. Whereas in-line with the Hon'ble Prime Minister's call to the people and the government agencies, the Director General of Shipping decided to examine the issue of prohibiting the usage of single-use plastics on Indian ships and foreign ships while such ships are in Indian waters.
15. Whereas, a stakeholders meeting was convened at Directorate on 29<sup>th</sup> August 2019 under the chairmanship of Director General of Shipping and Additional Secretary to Govt. of India. The meeting was attended by representatives of Indian National Ship Owner Association, Indian Coastal Shipping Association and Recognized Organizations.



16. Whereas in the said meeting it was decided that with effect from 2<sup>nd</sup> October 2019 all possible efforts will be made by the Indian shipping to contribute towards achieving the goal of making India and Indian waters free from Single use plastic.

17. Now therefore, in larger public interest a ban is imposed on single use plastic on Indian ships and foreign ships while in Indian waters, as per terms and conditions mentioned under succeeding paragraphs.

**18. Applicability of ban:**

18.1. All Ships which are deemed to be Indian Ships under Merchant Shipping Act, 1958.

18.2. Foreign ships in any port or place in India.

**19. Prohibitions:**

**19.1. Items prohibited w.e.f. 01.01.2020:**

Following Single use plastics are prohibited to be used on board Indian ships and foreign ships when such ships are at a port or place in India with effect from 1<sup>st</sup> January 2020:

19.1.1. Bags, trays, containers, food packaging film;

19.1.2. Milk bottles, freezer bags, shampoo bottles, ice cream containers;

19.1.3. Bottles for water and other drinks, dispensing containers for cleaning fluids, biscuit trays;

19.1.4. Hot drink cups, insulated food packaging, protective packaging for fragile items;

19.1.5. Microwave dishes, ice cream tubs, potato chip bags, bottle caps;

**19.2. Items prohibited with Immediate effect**

19.2.1. Cutlery, plates and cups;

19.2.2. Up-to 10 litres bottles for water and other drinks;

19.2.3. Garbage and shopping bags, and

19.2.4. Dispensing containers for cleaning fluids which are less than 10 litres volume.



## 20. Enforcement:

20.1. All Recognized Organizations are hereby directed to ensure during surveys, inspection and audits of Indian ships that:

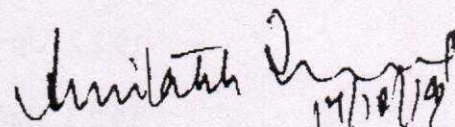
20.1.1. Single use plastics are not found used/stored on board any Indian ship. A Memo to the same effect to be inserted in the Survey status of ships.

20.2 Administration Surveyors while conducting Flag State Inspection/Audit/Survey of Indian ships to verify that Single use plastics are neither used and nor available on Indian ships. In case of non-compliance, a deficiency raised to be rectified prior departure under Code 99103 (Other MARPOL Operational). If same deficiency is repeated during next inspection, it may be taken as a clear ground for detention under ISM Code.

20.3. Administration Surveyors while carrying out Port State Inspection of foreign flag vessels to ensure that Single use plastics are not in use and are kept locked in a store during their stay in Indian ports and on their passage through the territorial waters of India. A foreign ships intending to enter an Indian port (as defined in Article 11 of UNCLOS), is required to make a log entry identifying the "Single Use Plastic Items" on board the ship and stating the time, latitude and longitude "when" along with the location of the store where these items are stored prior entering Indian territorial waters. Further no single use plastic items to be discharged to port reception facility at an Indian port; same to be verified during Port State Inspections.

20.4. No detention of foreign ships to be enforced. In case it is found necessary, after uploading all other deficiencies on IOCIS website, a handwritten deficiency in the printed PSC Form 'B' to be rectified prior departure may be issued; however, no such deficiency to be uploaded on IOCIS.

21. The foregoing measures have been put in place to ensure safe, secure, environmentally sound, sustainable shipping and in public interest.
22. This order shall come into force with immediate effect.



(Amitabh Kumar)

Director General of Shipping  
& Additional Secretary to the GoI.





भारत सरकार / GOVERNMENT OF INDIA  
पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING

नौवहन महानिदेशालय, मुंबई  
DIRECTORATE GENERAL OF SHIPPING, MUMBAI

F.No. ENG/OPP-38(02)/19

Dated 8<sup>th</sup> January, 2020

Addendum No.1 to DGS Order 5 of 2019

**(Sub: Prohibition on use of Single Use Plastics On-board Merchant Ships)**

**1. Background to issuance of this Addendum No.1 to DGS Order 5 of 2019**

- 1.1. The DGS Order 5 of 2019 was issued after having completed the due process of consultations with representatives from INSA (Indian National Ship Owners Association), ICSEA (Indian Coastal Ship Owners Association) and IRS (Indian Register of Shipping) and on ascertaining the feasibility in implementation of the requirements that have been enumerated in the stated order.
- 1.2. However, since the issuance of the aforesaid order, the Directorate has received a number of representations from INSA, ICSEA, INCLA (Indian Cruise Liners Association), Royal Association of Netherland Ship Owners Association, Maritime Association of Ship Managers and Agents(MASSA), Foreign Ship Owners Association(FOSMA) expressing the difficulties being faced by the ships to meet the time bound requirements stated in the said order and also stating that the supply lines needed to be modified to supply biodegradable alternatives for the prohibited Single Use Plastics (SUP) items and that they need further discussion for complying with the requirements.
- 1.3. In consideration of the representations, the Directorate issued notice dated 21.11.2019 to stakeholder deferring the implementation of the requirements of DGS Order 5 of 2019 pending issuance of a methodology for execution through the issuance of an *addendum* to DGS Order 5 of 2019.
- 1.4. Deliberation with stakeholders was held in the Directorate on 13.12.2019 and the plan for execution of the requirements of DGS Order 5 of 2019 was finalised. Accordingly, this *Addendum No. 1* is in accordance with the said notice to stakeholders providing the methodology to be adopted for complying with the requirements of the aforesaid order.



To;

1. All the stakeholders through DGS website
2. All Mercantile Marine Departments
4. All Recognised Organisations
5. Indian Ports Association
6. Indian National Ship-owners Association [INSA], Mumbai.
8. ICC Shipping Association [ICCSA], Mumbai.

Copy for kind information to:

The Secretary to the Government of India, Ministry of Shipping, Transport Bhawan,  
1, Parliament Street, New Delhi – 110 001. [Attn.: Shri Satinder Pal Singh, Joint Secretary]



1.5. To assuage in implementation of the requirements of said Order, the Directorate prescribes following methodology for smooth rolling out of the prohibition in the use of SUP on-board merchant ships, visiting Indian port (s), and also provides clarity in the definition of SUP and prescribes the execution plan vide this addendum.

1.5.1. Re-defining Single use plastics for a clearer understanding.

1.5.2. Adopting a methodology of self-regulation by allowing ships to prepare their own execution plan.

1.5.3. Preparation of inventory of single use plastic on board ship by 31 January 2020 or 31<sup>st</sup> March 2020 for cargo ships and passenger ships respectively.

1.5.4. Clarification to use waste reception facilities at Indian ports for disposal of SUP.

## 2. Definition of Single use plastic (SUP):

2.1. DGS Order 5 of 2019 defines SUP as "disposable plastics which are used only once and then thrown away by the user". It is clarified that the said definition does not include all those plastic items, which are re-used on ships.

2.2. The definition of SUP includes only those items, which are completely made of plastics, and items such as juice/milk packets / tetra-packs with plastic lining or caps are not included in this definition. Biodegradable plastic with a stamp, marking or certificate from the manufacturer' or something similar shall not be considered for prohibition. Non-biodegradable multi-layered packaging shall also be considered for prohibition.

2.3. The said prohibition is applicable to items used on board ship and excludes cargo related items and packaging.

2.4. Crew and passenger personnel effects are now excluded from this prohibition till such time an execution plan is decided, at a later date, for these items and / or issued vide *Addendum No. 2*.

2.5. Necessary items such as Personal Protective Equipment, medicines, medicinal equipment, life-saving appliances, fire fighting appliances, and other statutory items used on such equipment's which are made up of SUP or contained in SUP are excluded from prohibition.

## 3. Ship Execution Plan (SEP)

3.1 SEP is defined as a ship-specific plan containing the following:

3.1.1 List of an inventory indicating all single use plastic used on board a ship as on 31 January 2020 for cargo ships and 31 March 2020 for passenger ships.







3.1.2 Identification, listing and prohibition of single use plastic items are as per execution methodology as detailed in subsequent paragraphs.

#### 4. Execution

4.1 Based on the list of inventories prepared, following execution plan to be adhered and compliance with the same need to be demonstrated:

Execution Methodology	Execution Schedule			
	Indian Cargo Ships	Foreign Flag Cargo Ships at an Indian Port or place	Indian Passenger Ships	Foreign Flag Passenger Ships at an Indian Port or place
Preparation of complete list of inventories as per Paragraph 3.1.1	31 January 2020	31 January 2020	31 March 2020	31 March 2020
Identification, listing & prohibition of 50% of items detailed in the inventory prepared vide paragraph 3.1.1	1 April 2020	1 April 2020	1 June 2020	1 June 2020
Identification, listing & prohibition of 75% of items detailed in the inventory prepared vide paragraph 3.1.1	1 July 2020	1 July 2020	1 Sept 2020	1 Sept 2020
Identification, listing & prohibition of 90% of items detailed in the inventory prepared vide paragraph 3.1.1	1 October 2020	1 October 2020	1 Dec 2020	1 Dec 2020

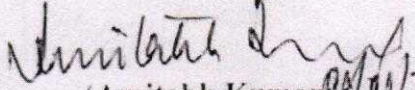
Note: 90% of items of inventory prepared vide paragraph 3.1.1.  
The ship can continue to use remaining 10% of items not identified for prohibition vide list prepared as per Paragraph 3.1.1.



- 4.2 Since the usage of SUP on-board a ship is not yet prohibited globally, foreign ships, visiting Indian port (s), are required not to use items made of single use plastics during their stay at an Indian port and hence they need to include in ship execution plan a methodology to prevent usage during their stay at Indian port (s). As far as practicable, all are urged to avoid using SUP on-board ships.
- 4.3 If a foreign cargo or passenger ship does not prepare an inventory as detailed in previous paragraphs of this addendum, the items mentioned in paragraph 19 of DGS Order 5 of 2019 will be prohibited to be used on board such ships (while at an Indian port or place) as per following implementation plan:

<i>Prohibition of SUP for foreign ships not in possession of Execution plan as on 31 January 2019</i>	<i>Execution Schedule</i>	
	<i>Foreign Flag Cargo Ships at an Indian Port or place</i>	<i>Foreign Flag Passenger Ships at an Indian Port or place</i>
50 % of items of SUP from the list provided in DGS Order No. 5 of 2019	1 April 2020	1 June 2020
75 % of items of SUP from the list provided in DGS Order No. 5 of 2019	1 July 2020	1 September 2020
90 % of items of SUP from the list provided in DGS Order No. 5 of 2019	1 October 2020	1 December 2020

- 4.4 The enforcement mechanism for compliance to changes via this addendum and last DGS Order 5 of 2019 is as per DGS Order 5 of 2019.
- 4.5 Waste reception facilities shall continue to be provided at all Indian ports through Swachh Sagar Portal including for disposal of Single use plastic items. However, they should be kept, segregated and marked for disposal.

  
(Amitabh Kumar) 08/01/2020

Directorate General of Shipping  
& Additional Secretary of GOI