

GCS-DG-006-20

Date: 14<sup>th</sup> Dec 2020Subject: Summary Changes on IMDG Code Amdt40-20

The IMDG Code, 2020 Edition (Amendment 40-20) will be available on 1st January 2021 and may be applied voluntarily as from next year 1st January 2021.

In view of the exceptional circumstances brought about by the COVID-19 virus this year, and the ensuing disruption and delay caused to the IMO meeting schedule, please note that Amendment 40-20 of the IMDG Code **will become mandatory from 1 June 2022**.

Please note that for Japan, however, is mandatory to use IMDG Amdt40-20 from 1st January 2021.

The New UNNO Entries (0511/0512/0513) are temporary not acceptable until further notice.

A summary of the key changes is provided below.

- Harmonised with the update to Model regulations, 21st edition
- Several changes to the definitions in chapter 1.2, This includes, a new definition for 'dose rate' which replaces radiation level, the definition of which is now deleted; existing definitions for 'GHS', 'Liquids', 'Manual of Tests and Criteria', 'Self-accelerating decomposition temperature (SADT)', 'Transport index', 'Self-accelerating polymerization temperature (SAPT)' have been amended
- The indicative list of high consequence dangerous goods in 1.4.3.1.2. has been updated to reflect the addition of the new A40 UN Numbers
- In Part 2, there are various amendments in the class chapters, in particular for class 6.2 in 2.6.3 and class 7 in 2.7.2. For class 7 radioactive materials the new SCO-III classification criteria is included. Other editorial updates are provided for classes 1, 5.2, 8 and 9 in 2.1.3.5.2, 2.5.3.2.4, 2.8.3.2 and 2.9.2.2 respectively.
- In 3.1.2.9, the requirement if a N.O.S. or generic entry is a marine pollutant, the technical name of the pollutant must be given now applies only to N.O.S. entries; other generics will not need it. The examples provided to illustrate these have been amended.
- There have been several amendments to current entries in the segregation groups affecting groups 7, 8, 11, 15, 17 and 18. There are four alcoholate entries assigned to the Alkalis – SGG18 group: UN 1289, 1431, 3206 and 3274
- There are four new UN Numbers added to the DGL, 0511, 0512 and 0513 DETONATORS, ELECTRONIC programmable for blasting and 3549 MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid or MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS only, solid.
- There are the usual raft of changes to entries in the DGL. These include the following general changes:
  - All explosive articles with packing instruction P130 now have LP101 as well
  - SP392 has been added to column 6 for several compressed gas entries, e.g. UN 1066
  - TP 35/37/38/39 – these were dependant on dates that have now expired so have been removed from column 15 for several entries
  - SP76 saying transport is prohibited except with competent authority approval is deleted. Some of the UN Numbers previously allocated to it have been given stowage categories, SW and H codes and can be sent without special approval. Others have been given SP976 which says something similar to the former SP76
  - There are amendments to several Special Provisions and SP951 has been deleted and there are seven new provisions.
  - SP274 now says that the technical name cannot be the PSN of any UN Number, except that for 3077 and 3082 only, it may be one that does not include N.O.S. and does not itself have SP274, A valid example is UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (paint)

- There have been several updates to existing packing instructions and a few new packing instructions added: P622, P801, LP622. P801, applying to batteries of UN 2794, 2795 and 3028 has been replaced
- The dimensions of the lithium battery mark have been slight reduced and can now be square in shape
- The requirement to include flashpoint on the dangerous goods transport document is revised to specifically reference both primary and subsidiary hazards
- There is a new requirement to note on the transport document when lithium cells or batteries are offered for transport under special provision 376 or special provision 377, with the wording "DAMAGED/DEFECTIVE", "LITHIUM BATTERIES FOR DISPOSAL" or "LITHIUM BATTERIES FOR RECYCLING"
- There is a new 5.5.4 added for "Dangerous goods contained in equipment in use or intended for use during carriage, attached to or placed in packages, overpacks, containers or load compartments". Here it confirms that dangerous goods (e.g. lithium batteries, fuel cell cartridges) contained in equipment such as data loggers and cargo tracking devices, attached to or placed in packages, overpacks, containers or load compartments are not subject to the IMDG Code provided a range of conditions being met.
- T75 tanks for refrigerated liquefied gases need to be marked END OF HOLDING TIME dd/mm/yyyy (DD/MM/YYYY) so it is actually a date rather than a time.
- Part 6 has several minor changes to some of the Chapters
- The stowage provisions included in 7.1.4.2 applicable to marine pollutants have now also been applied to infectious substances of UN 2814, 2900 and 3549
- SW22 now applies to waste gas cartridges as well as waste aerosols, so there is a change of stowage category for WASTE. The change of stowage category for maximum 1 L or above 1 L still applies only to aerosols.
- There is a new 'H5' handling code applicable to class 6.2 infectious substances
- SG27, SG28 and SG34 applying to some explosives now say 'separated from' instead of 'away from'
- SG53 is revised and changes from 'separated from' liquid organic substances to 'Shall not be stowed together with combustible material in the same cargo transport unit', so it also covers solids and inorganics, and it no longer requires segregation between CTUs.
- The Emergency Response Schedules have been updated to the latest Amtd40 changes. This includes updating the spillage schedule 'S-S' for radioactive material. The Index to these schedules is updated to reflect recent changes, primarily concerning corrections to replace spillage provisions with underlined equivalents to take into account the special cases that apply to marine pollutants, and adding several entries to take into account distinctions in provision of emergency schedules as per packing groups.

#### New UNNO Entries

IMO Class	Sub-Risk	UN NO	PSN	PG	Special Provision
1.1B	-	0511	DETONATORS, ELECTRONIC programmable for blasting	-	-
1.4B	-	0512	DETONATORS, ELECTRONIC programmable for blasting	-	-
1.4S	-	0513	DETONATORS, ELECTRONIC programmable for blasting	-	347
6.2	-	3549	MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid or MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS only, solid	-	395 975

The customer able to contact directly to EXIS Technologies as per below link for further information on training and purchase of the new IMDG Amtd40.

<https://existec.com/>

B.Rgds  
GCS DG