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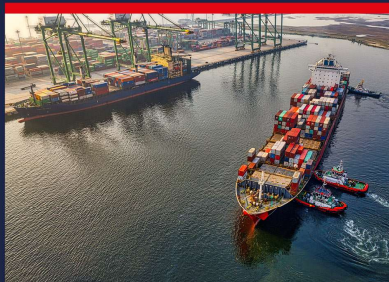
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# Code Lists via API

Ann-Christin, Mark, Jasmin, Pedro, Sevak, Rabab,  
Sara, Cedric, Galina

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# Code Lists via API - Introduction



## 1. How the group came into life

- A bit of history
- Current situation
- Requirements
- Prototypes

## 2. Repository on GitHub

## 3. API

- Use cases (technical)
- Swagger

## 4. Q & A

# MSC Use-Case



- Connect MSC's MDM system to SMDG Liner Codes List (LCL) directly via APIs
  - Main goals:
    - Avoiding manual inputs
    - Reducing data quality issues
    - Automate the Liner Codes updates
    - Support Master Data maintenance and governance

# Channels and audience



Occasional Users

# Liner Codes List



[www.smdg.org](http://www.smdg.org)

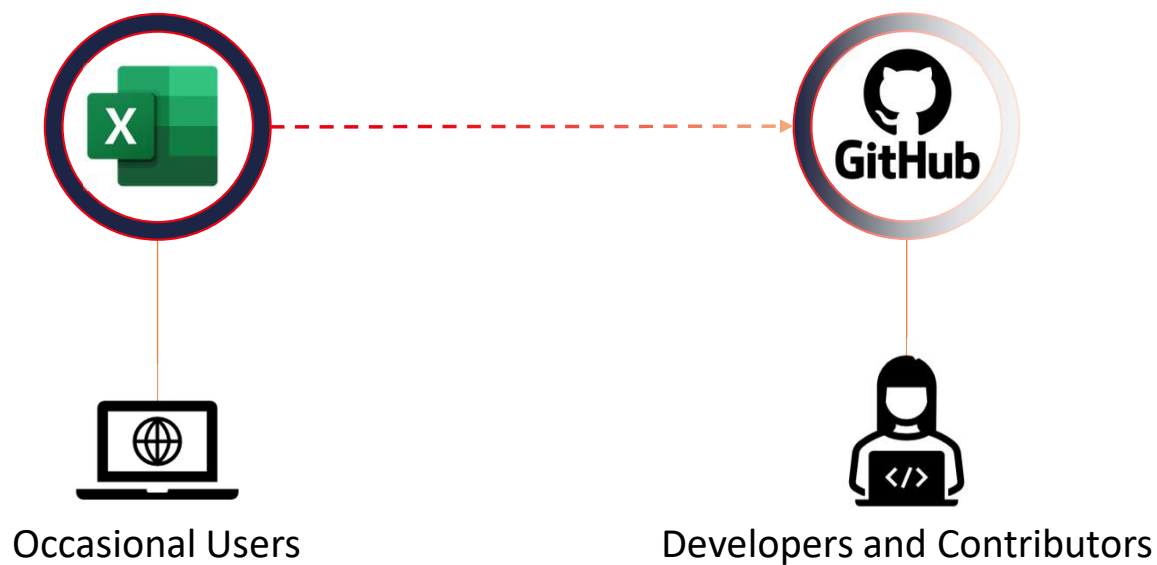
## SMDG Liner Codes List (LCL)

v20240319

Please also see tab "Description" for examples and further information

Code	Line	Parent company	NVOCC	VOCC	Last change	Valid from	Valid until	Website	Address
MSC	Mediterranean Shipping Company	MSC				2003-09-01		<a href="https://www.msc.com/deu">https://www.msc.com/deu</a>	MSC Mediterranean Shipping Company S.A.Chemin Rieu 12-14,1208 Geneva Switzerland
MSK	Maersk	MSK		X		2003-09-01		<a href="https://www.maersk.com/transportation-services/ocean-transport">https://www.maersk.com/transportation-services/ocean-transport</a>	Esplanaden 50, 1098 København K, Denmark
MSS	Maldives International Shipping					2003-09-01			11 International Rd, Singapore 079903
MTU	Maritime Tunisian Lines					2003-09-01		<a href="https://www.mtlfeeder.com/">https://www.mtlfeeder.com/</a>	Calle Consell de cent, 106 - 108 PLT 5 OF 4 Y 5, Barcelona, 08015
MUO	Maritime United Operator (Madrid)					2015-07-23		<a href="http://www.mar-united.com">www.mar-united.com</a>	Paseo de la Castellana, 141 Planta 21-B 28046 – Madrid España
MYS	Malaysia Shipping Corporation	PIL				2003-09-01			MALAYSIAN SHIPPING CORP.SENDIRIAN BERHAD A-3A 1-1, 4TH FLOOR SOUTH TOWER BBT ONE THE TOWER 8, LEBUH BATU, NILAM 1 Zip Code City State Country Malaysia
MXN	Maxicon Shipping Agencies Pte Ltd	MXN	X			2022-12-21		<a href="https://www.maxiconline.com/">https://www.maxiconline.com/</a>	#14—01A, 200 Cantonment Road, South Point, Singapore 089763
NAV	Navio Shipping					2016-12-20		<a href="http://www.navio-shipping.com/contact.php">http://www.navio-shipping.com/contact.php</a>	CORPORATE OFFICE Navio Shipping LLC Suite 3801, Aspin Commercial Tower, Sheikh Zayed Road,PO Box : 122147 Dubai, United Arab Emirates.
NCL	North Sea Container Line					2015-08-04		<a href="https://www.ncl.no/">https://www.ncl.no/</a>	Møllerveien 22, 5523 Haugesund, Norway
NCO	Northern Coastal Transport LTDA			X		2023-08-21		not yet available	AVENIDA DAS NACOES UNIDAS, 14.261 ALA B - 28 ANDAR - CONJ B 04794-000 SAO PAULO

# Channels and audience



# Repository on GitHub



## Managing liner codes

<https://github.com/smdg-org/code-lists>

The objective is to ensure that the data is available according to modern technological standards.

### Who can contribute?

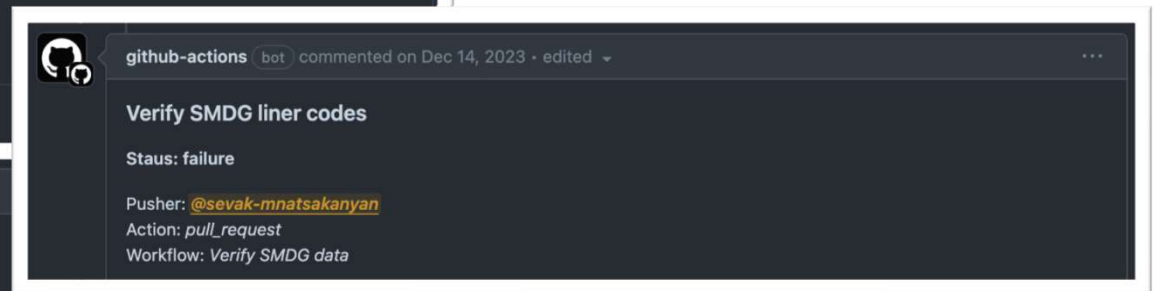
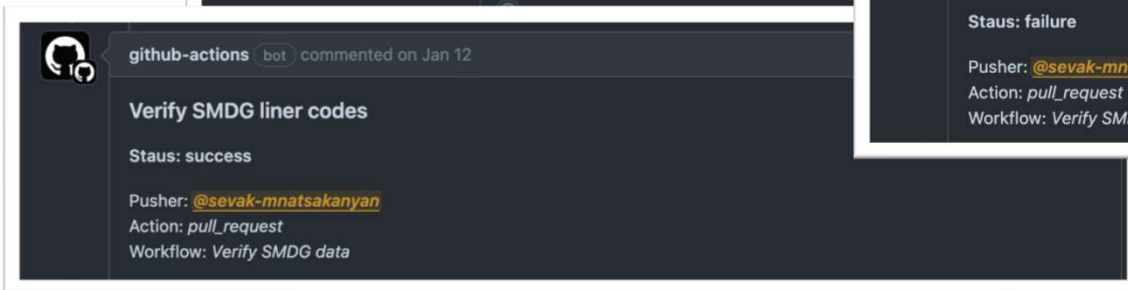
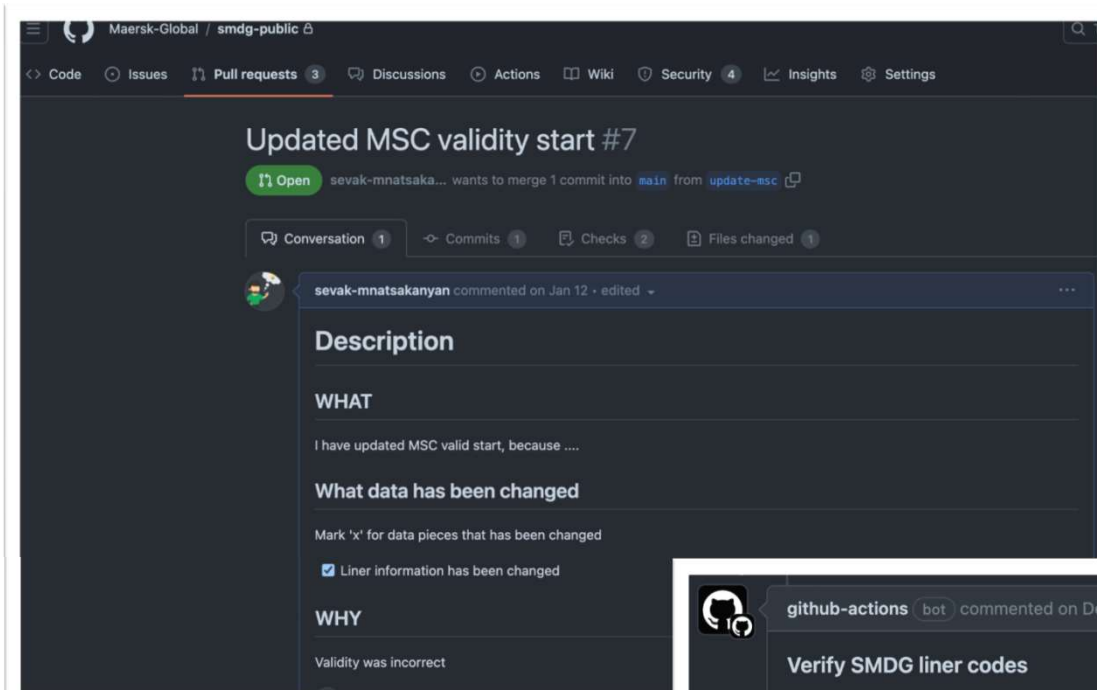
The repository is open-source and everyone can contribute to it with a free GitHub account.

### Additional Benefits

All the changes are automatically validated, and with the help of Reviews, it is possible to give and receive feedback in one place.

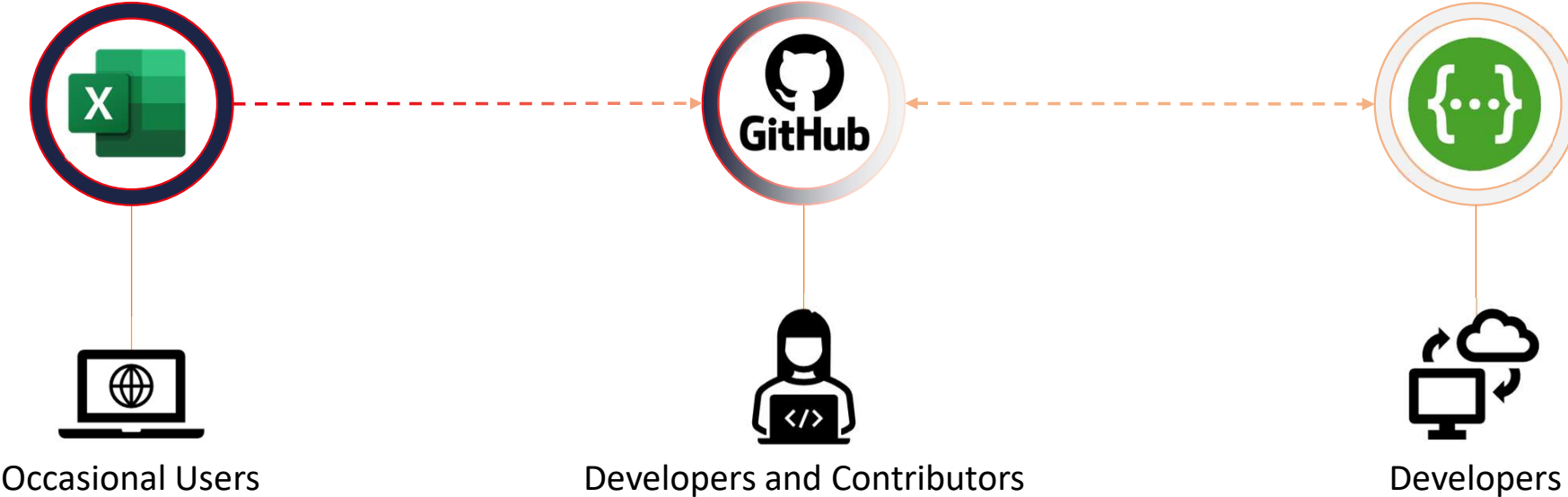
The repository also enables open and transparent way of communicating, raising public concerns, issues and discussions.

# Repository on GitHub

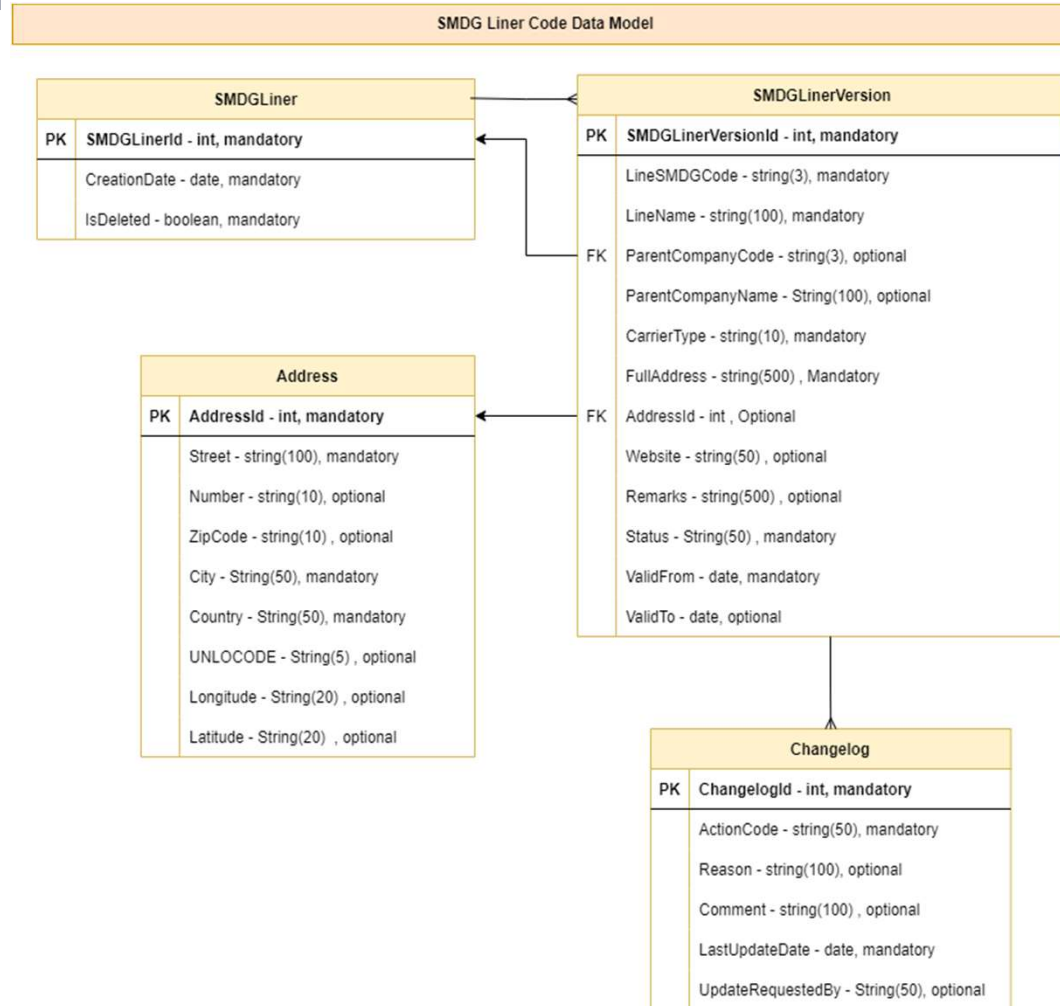




# Channels and audience



# Proposed Data Model



Centralized data set



Automated Process



Secured and reliable data



Harmonized data elements

# API



- Terminal Codes List (TCL) ✓
  - Joint API exists: SMDG/BIC, hosted by the BIC
- Liner Codes List (LCL) - in progress
  - Repository on GitHub
  - Prototype under construction
  - Accessible via the SMDG website
  - Easy access and hosting of API – under construction
- Other code lists to follow

# Breakout session



•14:45

- All invited
- Separate room on this floor



# Thank You

Ann-Christin, Mark, Jasmin, Pedro, Sevak, Rabab,  
Sara, Cedric, Galina

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