Geneva, November 10, 2022

MSCI FRONTIER MARKETS INDEXES

The following are changes in constituents for the MSCI Frontier Markets Indexes which will take place as of the close of November 30, 2022.

SUMMARY PER COUNTRY:

Country	Nb of Securities Added	Nb of Securities Deleted
ZIMBABWE	0	2

MSCI ZIMBABWE INDEX Additions None

Deletions ECOCASH HOLDINGS ZW ECONET WIRELESS ZIMBABWE

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