



भारतीय रिज़र्व बैंक

RESERVE BANK OF INDIA

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RBI releases NG-RTGS Character Set

The Reserve Bank of India has today defined and issued a list of special characters that are allowed (positive list given in [Annex I](#)) and a list of characters that are not allowed (negative list given in [Annex II](#)) in RTGS (real time gross settlement) messages. This is in order to have uniformity in usage of special characters by Indian banking industry for seamless processing of RTGS messages.

All RTGS member participants are advised to strictly follow these lists for usage of special characters while transmitting RTGS messages.

The Next Generation Real Time Gross Settlement (NG-RTGS) System has several advanced features, such as, liquidity management facility, extensible markup language (XML) based messaging system conforming to ISO 20022 and real time information and transaction monitoring and control systems.

Other documents relating to adoption of ISO 20022 messaging standards in RTGS system in India available on the RBI website are:

a.	Information on API for Web Services - (API Web Service v1.1.pdf)
b.	Message Validation Rules along with Messages (Message with Rules.zip)
c.	XSDs for messages formats (RBI NGRTGSXSDs V1 .4.zip)
d.	RTGS ISO 20022 Mapping Document (RTGS-ISO 20022 - Message Mapping v4.0 August 2013)
e.	Sample Messages (All Sample Messages 06032013.zip)
f.	Revised FAQs (FAQ for ISO20022-26072013.pdf)
g.	XSD for XML file Upload (XML File Upload.xsd)
h.	XML File Upload Format for R41 & R42 (XML File Upload Format -R41ANDR42)
i.	Main IFSC Code List (Main IFSC Details.xls)
	Annex-I: Technical Requirements (Annex I)
	Annex-II: Member Details (Annex II)
j	NG-RTGS Character Set
	Annex – I Positive List
	Annex – II Negative List

Press Release : 2014-2015/375

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Related Press Release

07 Mar, 2013	XSDs, Rules, Sample Messages, revised FAQ w.r.t ISO 20022 standard Message formats for Next Generation RTGS (NG-RTGS) System
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