

MemberUpdate

UPDATE 40 of 2019 • 11 December 2019

TOPIC: Standardised Reference Table – Industry Standard Data Code Formats

DISTRIBUTION: GTA Members – primary contact list. Please circulate to all appropriate internal parties.

1. Purpose

The purpose of this Member Update is to seek Member submissions on a list of proposed industry standard data code formats for various common data codes.

2. Background

GTA's Technical Committee the Information Technology Advisory Committee (ITAC) has a focus on the data and transactional areas of the grain industry.

One objective for ITAC is to provide industry Standard Data Reference Tables for common industry data codes including Port Codes, Site Codes, Grain / Grade Codes and Varietal Codes.

NOTE: It is not a mandatory requirement for industry participants to use these standard data formats.

The purpose of having industry data standards is to make things easier when we need to share, exchange and understand data. The introduction of a standard data code formats enables GTA Members and industry participants to link all its existing data to a common code reference, like a master file, providing a common point of reference.

The objective will be to streamline data sharing amongst participants and simplifying the 'mapping' of data between systems. Industry participants are encouraged to consider the use of the standard data code formats when implementing new systems, system upgrades or when developing data conversion tables.

A Reference Table holding the standard data code formats will be published on the GTA website for use by Members.

Standard Reference Tables – Standard Data Code Formats

ITAC during its Committee meeting has endorsed several standard data code formats for industry review, discussion and comment via a call for Submissions.

GTA Members are asked to review these proposed standard data codes and consider:

1. Are the data codes structures appropriate?
2. Are there additional data codes that should be added to the Table?

These standard data code formats are provided in the following Table 1. and are now ready for GTA Member review and comment by Submission.

Table 1. Proposed Industry Standard Data Code Formats

Data	Description	Code Structure N = numeric A = Alpha	Example
Site Codes	Code (numeric) used to identify a receival site	NNNN	5656
Grain Codes	Code (Alpha/Numeric used to identify a grain	AAA	WHE BAR CAN SOR Oat
Grade Codes	Code (Alpha/Numeric used to identify a grade	AAA1	BAR1 ASW1
Receival Agent	Code used to identify a Receival agent/Storage Operator	AAA	CBH BUN VIT GNC
Port Zone Codes	Code used to identify a Port Zone	AAA1	GET1 KWI1 BUY1 ALH1
Season Codes	Season Code for growing season	NNNNNNNN	20192020
Date Codes	Year	NNNN	2019
	Month	NN	12
	Day	NN	09
	Date	NNNNNNNN	20191209
Time Codes	Hours	NN	14
	Minutes	NN	33
	Seconds	NN	10
	TIME	NNNNNN	143310
Vendor Code	Code used to identifier an individual grower vendor	NNNNNNNN	89451212
Trade Counterparty	Code used to identifier an individual trade counterparty	NNNNNNNN	12459876
Transaction Codes	Receival Ticket	NNNNNNNN	12459876

	Outturn/Consignment	NNNNNNNN	12459876
	Transfer/Consignment	NNNNNNNN	22459876
Sale Type	Code used to identify a sale type	AAAA	Cont Cash Ware Pool
Truck Configuration	Code used to identify specific truck configurations	NN	01
Regional Codes	Region based codes	ANNN	S001 (State Codes) M001(Market regions)
Business Activity Codes	Identifies specific business groupings	ANNN	P001 (Bulk Port) C001 (Container Terminal) F101 (Flour Mill) G203 (Farm storage)
Transport Mode	Code (Alpha) used to identify the mode of transport – such as rail/road/vessel/conveyor	AA	RL (Rail)
Transport Agent	Code(numeric) used to identify the agent providing the transport	ANNN	T123
Sales Contract	Code used to identify the specific sales contract associated with any transaction	NNNNNNNN	42655158
Grain Treatment Code	Code(numeric) used to identify the treatment history of specific grain parcels	NNNNNNNN	66678154
Storage Unit Type	Code(alpha/numeric) used to identify the structure of a storage unit within a site. parcels	AANNN	VB123 (Vertical bin-Metcalf – Unsealed)
Storage bin number	Code (numeric) used to identify a specific bin within a unit at a site	NNN	001
Storage Unit Type Rail Siding Capacity	Code (numeric) used to identify the siding capacity/capability for rail wagons	NNN	015
Site Property Identification Number	Code (numeric) used to identify the siding capacity/capability for rail wagons	NNNNNNNN	95435725
Site Assurance Classification	Code (numeric) used to identify the characteristics of a site against industry parameters	NNN	001

3. Calling for Submissions

Comments and submissions on the structure and format of the standard data code formats are sought from GTA Members and other interested parties.

Submissions should be lodged by emailing submissions@graintrade.org.au and title your email – Industry Standard Data Code Formats.

Submissions should be received by COB Friday 24th January 2020.

A proforma for lodging submissions can be accessed [here](#), noting that submissions do not need to be supported by other GTA Members, however, if they are supported, please indicate on the form.

Unless marked “confidential” and appropriate supporting reasons are provided, all submissions may be placed on the GTA website for industry review.