Electronic Transfer of Geotechnical and Geoenvironmental Data AGS4 (Edition 4.0)

Guidance Document

Time Related Remarks

ACKNOWLEDGEMENTS

This document has been prepared by the Association of Geotechnical and Geoenvironmental Specialists (AGS) with the encouragement and support of the working party members. The AGS acknowledges the generous time and resources given to the project by the individual members and their employers. Without their enthusiastic support this ongoing project would not be possible.

Comment and feedback from the wider geotechnical industry has also been fundamental to the ongoing evolution of the AGS Format, ensuring that the needs of the geotechnical and geoenvironmental industry and its clients continue to be met.

DOCUMENT HISTORY

Revision	Description	Date
0	First Issue	1 Mar 2011

1 Introduction

To provide guidance on PREM and TREM Groups included in AGS data submissions.

2 Definitions

- PREM Group - Project Specific – Time Related Remarks
- TREM Group - Location Specific – Time Related Remarks

3 Background

Prior to release of AGS4 it was noted that the TREM group present in AGS3.1 was often not included in data submissions. The functionality offered by this type of generalised data storage table has been expanded in AGS4. This guidance document targets these groups and as such intends to highlight the presence of these tables within the AGS4 group structure and encourage their regular adoption.

4 Guidance

4.1 Project Time Related Remarks

Group Name: PREM - Project - Time Related Remarks					
Status	Heading	Suggested Unit / Type		Description	Example
*	PREM_DTIM		DT	Date and time of remark or start of event	2001-05-16T12:00
	PREM_COMP		X	Component or sub-activity	Slab G12
	PREM_REM		X	Time related remark	Completion of concrete pour
	PREM_DURN	hh:mm:ss	T	Duration of event or activity	01:25:00
	PREM_ETIM	yyyy-mm-ddThh:mm	DT	Date and time of end of event	2001-05-16T16:00
	FILE_FSET		X	Associated file reference	FS28

Notes for Guidance

• PREM may be used to report a site diary of key events eg 'Heavy rain for 2 days, site flooded'.

• TREM should be used to record general remarks that are related to a site location.

• PREM_ETIM and PREM_DURN could be different depending on the nature of the activity or commentary. Where there are differences in elapsed time and duration these would be explained or expanded on in PREM_REM.

- PREM should be used to record remarks that do not have a specific location reference i.e. do not have a LOCA reference).
- Example: Heavy rainfall caused site flooding that halted all works between 14:00 and 16:00 hrs.

4.2 Location Specific Time Related Remarks

Group Name: TREM - Location Specific Time Related Remarks					
Status	Heading	Suggested Unit / Type		Description	Example
*	LOCA_ID		ID	Location identifier	327-16A
*	TREM_DTIM	yyyy-mm-ddThh:mm	DT	Date and time of remark or start of event	2001-05-16T12:00
	TREM_COMP		X	Component or sub-activity	Slab G12
	TREM_REM		X	Time related remark	Completion of concrete pour
	TREM_DURN	hh:mm:ss	T	Duration of event or activity	01:25:00
	FILE_FSET		X	Associated file reference	FS28

Group Name: TREM - Location Specific Time Related Remarks					
Status	Heading	Suggested Unit / Type		Description	Example
	TREM_DURN	hh:mm:ss	T	Duration of event or activity	01:25:00
	FILE_FSET		X	Associated file reference (eg site journal records)	FS28

Notes for Guidance

• TREM_COMP allows comments to be related to specific activities or components of work occurring at the location given by LOCA_ID. This heading can be used to tag similar construction activities occurring at multiple locations or identify specific construction elements.

• TREM_DURN allows the length of time associated with a particular event to be included if this is appropriate.

4.3 Hole Progress with Time

- **Remarks relating to the construction of a hole with time are recorded in the PTIM group (Boring/Drilling Progress By Time).**

Group Name: PTIM - Boring/Drilling Progress by Time					
Status	Heading	Suggested Unit / Type		Description	Example
*	LOCA_ID		ID	Location identifier	327-16A
*	PTIM_DTIM	yyyy-mm-ddThh:mm	DT	Date and time of progress reading	1991-03-01T14:35
	PTIM_DPTH	m	2DP	Hole depth	22.13
	PTIM_CAS	m	2DP	Depth of casing	20.50
	PTIM_WAT	m	XN	Depth to water	16.56 or Dry
	PTIM_REM		X	Remarks	Stopped drilling on client's instruction
	FILE_FSET		X	Associated file reference (eg drilling journals)	FS21

Notes for Guidance

• PTIM is used to record information on the development of the exploratory hole. Readings of depth of hole, casing and water level are required at the start and end of shift, as a minimum by BS 5930:1999.

5 Summary

- The AGS format allows transferral of generalised data not intrinsically compartmentalised into a particular AGS group. The PREM and TREM groups allow transfer of such data and should not be overlooked. Each individual AGS group contains XXXX_REM fields that allow generalised data to be recorded against any record. Both of these forms of recording are often overlooked and effort should be made to ensure they are utilised to fully document the data file.