Comment activer le datastream avec un GSR-18 et GSR-24 dans GeoDAS

1. Configurer la station dans GeoDAS

- Aller dans "Configure Stations".
- Aller dans "work options".
- Activer l'option "Acquire data from the stream".

Taka Shieam Ontions		Download Parameters	
Acquire data from the stream	E Request for the data packets	Local Event directory:	
Use PC dod(for time tagging	Date requester is at COMU.	Stenderd	
Data Simulation			
🕅 Simulate data stream from the s	anulator channel 🛛 👻	Aucodowniologi any new tie recorded by instrument	
C Cupic spram drough the test	beaux	Always over write an existing file when downloading	
C projece dess packets merred	Stylutor Settings	Oelete file(s) efter successful downloading	
eriodical Check-Up of the Instrument		Miscellaneous	
" Check up the status of this instrus	ent permanently	C Login to single instrument	
Login to instrument every 24	hours, starting at 0019	Dedare an error if no AC for more than 12 1	nours
Loon in 10 minutes after	r calback from any other station	Synchronise instrument time with the computer time	
and the second s		Connected to the exception of a charter 1	
in case of connection failure du	ng autoinatic cheoc-up:		
 Hetry to log in up to 		T House and optical by Fighteen	_
2 tines every	10 secorids	1 Accept requests for data at defoult:0	
@ Conceller ter terleginingen			
F. Never login to this instrument auto	matically		

Figure 1 GeoDAS, Work options

2. Configurer le GSR-18/GSR-24

- Se connecter à l'instrument
- Sélectionner la vitesse de communication à 38400 bauds.

		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Communication Set	tup	Refrest
General Settings		12
Baudrate 38400 -	Idle timeout to disconnect from e PC, min 14	Put Pag
Note: The baud rate cannot b	be changed if the option "Analog Modern"	Put Al
Satablack are for the file tra	ender is 1 m times 250 bytes	
- Modern Sattings		
Intiaization String		
and the second se		
AT&FE0%CObD050=18K0B	0W	Reset
AT&FE0%C06D050=18K08	W0	Reset
AT&FEO%COBDESC=18KOB AutoDistating ATE/T	Enable AutoDial on event	Reset
ATSPE0%COBDOSD=18408 AutoDielstring ATDT Pessword to Access Remote S	Enable AutoDial on event	Rosat
ATSPEO%COBDOSD=18K08 AutoDielstring ATDT Pessword to Access Remote S Old password	Enable AutoDial on event	Resat
ATSPEO%COBDOSD=18K08 AutoDielstring ATDT Pessword to Access Remote S Old pessword New pessword	Enable AutoDial on event	Reset Import Export

Figure 2 Communications



• Définir les options datastream comme sur l'image suivante.

mpling Event Trigger Alarm ors and Warnings Interconnection	Charnels Comm	unication Time Tri a Batch Mode Inc	ggers ensity
Serial Data Streams			Kerresi
Secol Data			1 Put Pag
🔽 Enable Serial Data Output			0.4.5ll
Serial Data Type 🕜 Stree	m of samples		
🕫 Strea	am of packets		
E S	end data packets by req	Jest only	
Serial Data Chennels	Three channels	C one Channel	
IACRES Character			Rese'
- LASPEJ Soream			
Synchrocharacter for the output	stream 0x0D		
 Sampling Rate of LASPEJ Stream 50 Ha, stream output at 48 	m m bad		Import
C 100 Hz, stream out of at 40	600 beud		
C 200 Hz, stream output at 1	9200 baud		Export

Figure 3 Option Data Streams

• Se deconnecter de l'instrument.

3. Affichage des datastreams

- Sélectionner la station.
- Cliquer le bouton "Data stream".

THE LUIC VIE	w Analyse <u>S</u> ett	ings <u>T</u> ools <u>W</u> indo	w <u>H</u> elp			
GSR18] <u>P 11 11 11 11 11 11 11 11 11 11 11 11 11</u>	&				
~	% @ @ +	→ ++ ++ ↑ .	↓ ↓ ↓ ∞ ‡ ==			
() Stations:	General Informa	ation		- 20		-
Station	Code	Instrument	Channel Type	Status Updated	Files	Fr
GSR18	STA01	GSR-18	Direct Link (COM1)	01.10.2007 at 08	8(3)	123
GSR24	S1_	GSR-24	Direct Link (COM1)	04.07.2007 at 13	119	117

Figure 4 Activation de la fenêtre Data Stream

• La fenêtre apparaît et les datas vont être visible



Figure 5 Fenêtre Datastreams