

Issues	Reference	Comments	Tick	Done By:	Date
Acquisition parameters		ITPM = Instrument Technical Procedures Manual			
Syntrak 16 bit and 24 bit Systems		CTPM = Common Technical Procedures Manual			
Preamp gain set to 12dB	ITPM - 2.1		Y	UB	24.10.03
Digital lowcut filter. 3 Hz/6dB on 24 bit systems	ITPM - 2.1		Y	UB	24.10.03
TB to be recorded aux channel	ITPM - 2.18		Y	UB	24.10.03
Artificial TB if deep water delay is set.	ITPM - 2.18				
System Tests for Syntrak 16 bit and 24 bit Systems		Woodside Instrument Test done priory of SOJ	Y	UB	24.10.03
Monthly test on regular basis, and on start up/end of jobs.	ITPM - 2.2	Will be done on next deployment 29.10			
System Integrity Checks					
Instrument/streamer setup checked on monthly basis, start up/end of jobs, after port calls and streamer work.	ITPM - 2.19		Y	UB	22.10.03
Configuration screen dumps to be gathered for all kinds of configurations.		Unwritten rule. Makes a valuable source of information.	Y	UB	25.10.03
Timing Checks					
System timing. Regular and at start up/end of jobs. Minimum required once a week with oscilloscope.	ITPM - 2.16	See section 2.4 in the CTPM for standard format for System Timing Diagrams	Y	UB	24.10.03
Timing pulse polarity	ITPM - 2.16		Y	UB	24.10.03
Timing pulse duration	CTPM - 2.3.5		Y	UB	24.10.03
Timing in multi-vessel operations	ITPM - 2.16				
Single trace plot set up correctly.	ITPM - 2.16	Also ITPM 3.1.2.3 and 3.1.3 and 3.1.3.1	Y	UB	24.10.03
Timing diagram made up for current configuration.	ITPM - 2.18	Also CTPM 2.3 and 2.4	Y	UB.	23.10.03
Gun Controller					
Drop-out specifications available close to the operator.	Project Manual		Y	UB	22.10.03
Bubble period test performed at start up of job and when major work has been done on the arrays.	ITPM - 2.15		Y	UB	24.10.03
Click test on deck when major work has been done on the arrays. NB No air pressure.	ITPM - 2.15				
Gun sequence to be checked at least once every month, or when major work has been done on the arrays	ITPM - 2.15		Y	UB	24.10.03
Parameter dump before SOL	ITPM - 3.1.2.4		Y	UB	24.10.03
GCS-90 setup files saved weekly	ITPM - 3.1.2.4				
Birds					
Sampling rate and filter time constants.	ITPM - 2.13		Y	UB	24.10.03
Streamer Configuration and Balancing					
Streamer building plan agreed between CHObs & CHNav	ITPM - 2.4.2		Y	UB	19.10.03
Streamer diagram made up	ITPM - 2.4.2		Y	UB	20.10.03
Streamer balance information archived and used.	ITPM - 2.4.6		Y	UB	20.10.03
Location of calibrated sections recorded on streamer charts - if requested by client.	ITPM - 2.4.1 / 4.1	Keep the calibration sheets onboard.	Y	UB	16.10.03
Seismic Processing considerations					
Report change in configurations to Seis proc dep.	ITPM - 3.1.5				
Standards for Drawings and Diagrams					
Soft copies of all drawings, configuration diagrams and timing diagrams for previous and current job made up, filed onboard and sent to the office	CTPM - 2.4 / 5.3.1		Y	UB	previous
2 copies of EOJ CD created for previous job. One sent to office and one stored onboard	CTPM - 5.3.1 CTPM - 5.3.3 ITPM - 3.2.3		y		17.09.03
Revision numbering. Keep track of the drawings by using rev numbers.	CTPM - 2.4		Y	UB	20.10.03
Towing Configuration diagram for current job.	CTPM - 2.4.1				
Mechanical Towing Parameters Table made up - Instrument Department to provide input regarding lead-in lengths, etc needed for completion of table	CTPM - 2.4.2	FOR PGS INTERNAL USE ONLY! The lead-in and super-wide rope lengths on the Towing Parameters Diagram must not be released outside PGS Exploration, as this is confidential information.			ongoing
-Vessel Sensor Offset Diagram received from Nav	CTPM - 2.4.3	Provided by the Navigation Department	Y	UB	20.10.03.
-Gun Array Layout Diagram made up for current job	CTPM - 2.4.4		Y	UB	20.10.03
-Streamer Layout Diagram made up for current job	CTPM - 2.4.5		Y	UB	20.10.03
-Tailbuoy Layout Diagram received from Nav	CTPM - 2.4.6		Y	UB	21.10.03
-System Timing Diagram made up for current job	CTPM - 2.4.7	See also section 2.18 in the ITPM	Y	UB	19.10.03
-Instrument Room Layout Diagram	CTPM - 2.4.9	FOR PGS INTERNAL USE ONLY!	Y	UB	18.10.03
-Instrument Room Interconnection Diagram	CTPM - 2.4.9				
-Acoustic Network Layout Diagrams received from Nav	CTPM - 2.4.8	Provided by the Navigation Department	Y	UB	23.10.03