

SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #1		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	01								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #2		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	02								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #3		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	03								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #4		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	04								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		1	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #5		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	05								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #6		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	06								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #7		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	07								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	008								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		1	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #8		Dark_Current_Cal_5							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	08								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00040000	00000840	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	19	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	19	0	0	0	0	0	0

Scanner State Parameter #9		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	09								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #10

Nadir

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	10								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #11		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	11								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #12		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	12								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #13		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	13								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #14

		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	14								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		1	0	1	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #15

		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	15								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	001								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #16

		WLS_NDF-mon_NDFM-Out							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	16								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00012000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		13	13	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #17

Sun\_ASM\_Diffuser\_Calibration\_1

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	17								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00030000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		1	1	1	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		4	4	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #18

Sun\_ASM\_Diffuser\_Calibration\_2

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	18								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00030000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		10	10	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #19

Sun\_ASM\_Diffuser\_Calibration\_3

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	19								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00030000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		11	11	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #20

Sun\_ASM\_Difuser\_Calibration\_4

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	20								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00030000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		12	12	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0



SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #21

Sun\_ASM\_Diffuser\_Calibration\_5

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	21							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	3							
Duration of Phase [msec]	00004000	00030000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type	0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
H/W constellation	1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier	13	13	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0

Scanner State Parameter #22

n\_ASM\_Diffuser\_Atmosphere (cut-Off filter)

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	22							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	3							
Duration of Phase [msec]	00004000	00032000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type	0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
H/W constellation	1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier	10	10	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	14	14	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0

Scanner State Parameter #23

Nadir

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	23							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	3							
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type	0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	1	0	0	0	0	0	0
H/W constellation	1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0

Scanner State Parameter #24

		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	24								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		1	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #25

		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	25								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #26

		Dark_Current_Cal_4							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	26								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00030000	00000840	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	14	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	14	0	0	0	0	0	0

Scanner State Parameter #27

Limb\_Mesosphere (Aurora)

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	27								
spare									
Relative Scan Profile 1 Factor	-006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00040500	00000840	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	23	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		5	5	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	23	0	0	0	0	0	0

Scanner State Parameter #28

Limb\_short

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	28								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0

Scanner State Parameter #29

Limb\_short

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	29								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0

Scanner State Parameter #30		Limb_short							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	30								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0

SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #31		Limb short							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	31								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]	00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000	
Phase Type	0	1	0	1	0	0	0	0	
Azimuth Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	1	1	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Azimuth Relative Scan Profile Identifier	3	3	0	0	0	0	0	0	
H/W constellation	3	3	3	3	3	0	0	0	
Azimuth Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Elevation Relative Scan Profile Identifier	1	1	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	

Scanner State Parameter #32		Limb short							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	32								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]	00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000	
Phase Type	0	1	0	1	0	0	0	0	
Azimuth Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	1	1	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Azimuth Relative Scan Profile Identifier	3	3	0	0	0	0	0	0	
H/W constellation	3	3	3	3	3	0	0	0	
Azimuth Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Elevation Relative Scan Profile Identifier	1	1	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	

Scanner State Parameter #33		Limb short							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	33								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]	00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000	
Phase Type	0	1	0	1	0	0	0	0	
Azimuth Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	1	1	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Azimuth Relative Scan Profile Identifier	3	3	0	0	0	0	0	0	
H/W constellation	3	3	3	3	3	0	0	0	
Azimuth Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Elevation Relative Scan Profile Identifier	1	1	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	

Scanner State Parameter #34

Limb\_short

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	34								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0

Scanner State Parameter #35

Limb\_short

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	35								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0

Scanner State Parameter #36

Limb\_short

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	36								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0

Scanner State Parameter #37

Limb\_short

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	37							
spare								
Relative Scan Profile 1 Factor	006							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	5							
Duration of Phase [msec]	00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type	0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile	1	1	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier	3	3	0	0	0	0	0	0
H/W constellation	3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier	2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier	1	1	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0

Scanner State Parameter #38

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Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	38							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	-113							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	3							
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type	0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
H/W constellation	1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier	5	5	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	1	0	0	0	0	0	0

Scanner State Parameter #39

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Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	39							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	3							
Duration of Phase [msec]	00004000	00012000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type	0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
H/W constellation	1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	12	12	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0

Scanner State Parameter #40		Limb_short							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	40								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	3	3	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	28	0	0	0	0	0	0



SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #41		Limb_short							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	41								
spare									
Relative Scan Profile 1 Factor	006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]	00001300	00048937	00000250	00001438	00000840	00000000	00000000	00000000	
Phase Type	0	1	0	1	0	0	0	0	
Azimuth Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	1	1	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Azimuth Relative Scan Profile Identifier	3	3	0	0	0	0	0	0	
H/W constellation	3	3	3	3	3	0	0	0	
Azimuth Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	3	3	3	3	0	0	0	0	
Elevation Relative Scan Profile Identifier	1	1	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	2	2	9	9	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	28	0	0	0	0	0	0	

Scanner State Parameter #42		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	42								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #43		Nadir							
Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	
STATE ID	43								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]	00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000	
Phase Type	0	1	0	0	0	0	0	0	
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Filtering	0	0	0	0	0	0	0	0	
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0	
H/W constellation	1	1	1	0	0	0	0	0	
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0	
spare									
Elevation Centering of Relative Scan Profile	1	1	0	0	0	0	0	0	
Elevation Filtering	0	0	0	0	0	0	0	0	
EI. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0	
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0	
Elevation Relative Scan Profile Identifier	2	2	0	0	0	0	0	0	
spare									
Elevation Basic Scan Profile Identifier	1	1	0	0	0	0	0	0	
Elevation Number of Repetition of Rel. Scan	0	12	0	0	0	0	0	0	

Scanner State Parameter #44

		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	44								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		1	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #45

		Nadir							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	45								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00065000	00000720	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		2	2	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	12	0	0	0	0	0	0

Scanner State Parameter #46

		Dark_Current_Cal_1							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	46								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00010000	00000840	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	4	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	4	0	0	0	0	0	0

Scanner State Parameter #47

		SO&C_Scan/Point							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	47								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	002								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	7								
Duration of Phase [msec]		00001300	00032000	00004000	00028000	00001000	00001000	00000780	00000000
Phase Type		0	1	1	1	1	1	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	4	6	6	6	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	5	5	5	0	0
H/W constellation		3	3	3	3	3	3	3	0
Azimuth Basic Scan Profile Identifier		3	3	3	3	3	3	0	0
Azimuth Number of Repetition of Rel. Scan		0	15	1	13	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		1	1	1	1	0	0	0	0
Elevation Correction of nominal Scan Profile		2	2	8	8	4	6	0	0
Elevation Relative Scan Profile Identifier		4	4	4	4	5	5	0	0
spare									
Elevation Basic Scan Profile Identifier		14	14	3	3	3	3	0	0
Elevation Number of Repetition of Rel. Scan		0	15	1	13	0	0	0	0

Scanner State Parameter #48

		WLS_NDF-mon_NDFM-In							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	48								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00012000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		13	13	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #49

		SO&C_Scan_long_duration							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	49								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	002								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00032000	00004000	00094000	00000780	00000000	00000000	00000000
Phase Type		0	1	1	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	4	6	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	5	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		3	3	3	3	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	15	1	46	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		1	1	1	1	0	0	0	0
Elevation Correction of nominal Scan Profile		2	2	8	8	0	0	0	0
Elevation Relative Scan Profile Identifier		4	4	4	4	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		14	14	3	3	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	15	1	46	0	0	0	0

Scanner State Parameter #50

SO&C Scanning\_fast\_sweep

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	50								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	016								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00003000	00000780	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		3	3	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	1	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		6	6	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		3	3	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	1	0	0	0	0	0	0

SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #51		SO&C Pointing							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	51								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	002								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	6								
Duration of Phase [msec]		00001300	00036000	00012000	00000500	00015500	00000780	00000000	00000000
Phase Type		0	1	1	1	1	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	4	6	6	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	5	5	0	0	0
H/W constellation		3	3	3	3	3	3	0	0
Azimuth Basic Scan Profile Identifier		3	3	3	3	3	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	17	5	0	7	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
EI. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		2	2	8	4	6	0	0	0
Elevation Relative Scan Profile Identifier		4	4	5	5	5	0	0	0
spare									
Elevation Basic Scan Profile Identifier		14	14	3	3	3	0	0	0
Elevation Number of Repetition of Rel. Scan		0	17	5	0	7	0	0	0

Scanner State Parameter #52		Sun_ESM Diffuser Calibration_ND_O							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	52								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00030000	00003460	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		4	4	4	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		6	6	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	14	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
EI. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		6	6	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #53		Sub_Solar_Cal Pointing							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	53								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001750	00007000	00006000	00009000	00001730	00000000	00000000	00000000
Phase Type		0	1	1	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	1	1	1	1	0	0	0
H/W constellation		1	1	1	1	1	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	1	1	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
EI. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		8	8	4	9	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	5	5	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		4	4	4	4	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	3	2	4	0	0	0	0

Scanner State Parameter #54

		Moon_Cal_Scan							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	54								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	002								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	4								
Duration of Phase [msec]		00001300	00002000	00010000	00001020	00000000	00000000	00000000	00000000
Phase Type		0	1	1	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		5	5	7	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	0	0	0	0	0
H/W constellation		3	3	3	3	0	0	0	0
Azimuth Basic Scan Profile Identifier		5	5	5	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	4	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	1	0	0	0	0	0
Elevation Correction of nominal Scan Profile		5	5	9	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	4	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		3	3	3	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	4	0	0	0	0	0

Scanner State Parameter #55

		Limb_Mesosphere_Thermosphere							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	55								
spare									
Relative Scan Profile 1 Factor	-006								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	004								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00050625	00000250	00001438	00000840	00000000	00000000	00000000
Phase Type		0	1	0	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		1	1	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		2	2	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		3	3	0	0	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		2	2	9	9	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	29	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		2	2	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		1	1	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		5	5	3	3	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	29	0	0	0	0	0	0

Scanner State Parameter #56

		MO&C_Point							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	56								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	5								
Duration of Phase [msec]		00001300	00016000	00002000	00022000	00001020	00000000	00000000	00000000
Phase Type		0	1	1	1	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	5	7	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	5	0	0	0	0
H/W constellation		3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier		5	5	5	5	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	7	0	10	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		8	8	5	7	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	5	5	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		14	3	3	3	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	7	0	10	0	0	0	0

Scanner State Parameter #57

MO&amp;C Poin\_long\_duration

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	57							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	5							
Duration of Phase [msec]	00001300	00016000	00002000	00110000	00001020	00000000	00000000	00000000
Phase Type	0	1	1	1	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	8	8	5	7	0	0	0	0
Azimuth Relative Scan Profile Identifier	5	5	5	5	0	0	0	0
H/W constellation	3	3	3	3	3	0	0	0
Azimuth Basic Scan Profile Identifier	5	5	5	5	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	7	0	54	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	8	8	5	7	0	0	0	0
Elevation Relative Scan Profile Identifier	5	5	5	5	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	14	3	3	3	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	7	0	54	0	0	0	0

Scanner State Parameter #58

Sub\_Solar\_Cal\_Point/Scan

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	58							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	002							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	6							
Duration of Phase [msec]	00001750	00007000	00002000	00004000	00009000	00001730	00000000	00000000
Phase Type	0	1	1	1	1	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
H/W constellation	1	1	1	1	1	1	0	0
Azimuth Basic Scan Profile Identifier	1	1	1	1	1	1	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan	0	0	0	1	0	0	0	0
Elevation Correction of nominal Scan Profile	8	8	4	9	9	0	0	0
Elevation Relative Scan Profile Identifier	5	5	5	4	5	0	0	0
spare								
Elevation Basic Scan Profile Identifier	4	4	4	4	4	0	0	0
Elevation Number of Repetition of Rel. Scan	0	3	0	1	4	0	0	0

Scanner State Parameter #59

Spectral\_Lamp\_Calibration

Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	59							
spare								
Relative Scan Profile 1 Factor	000							
Relative Scan Profile 2 Factor	000							
Relative Scan Profile 3 Factor	000							
Relative Scan Profile 4 Factor	000							
Relative Scan Profile 5 Factor	000							
Relative Scan Profile 6 Factor	000							
Number of Scan Phases	3							
Duration of Phase [msec]	00001300	00012000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type	0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Azimuth Filtering	0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
H/W constellation	1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier	1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0
spare								
Elevation Centering of Relative Scan Profile	0	0	0	0	0	0	0	0
Elevation Filtering	0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan	0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile	0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier	0	0	0	0	0	0	0	0
spare								
Elevation Basic Scan Profile Identifier	10	10	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan	0	0	0	0	0	0	0	0

Scanner State Parameter #60

Sub\_Solar\_Cal\_Scan

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	60								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	016								
Number of Scan Phases	3								
Duration of Phase [msec]		00001750	00022000	00001730	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		6	6	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		4	4	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	10	0	0	0	0	0	0



SCANNER STATE PARAMETERS Table (Engineering Units)

Scanner State Parameter #61		White Lamp Calibration							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	61								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00012000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		12	12	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #62		Sun_ESM Diffuser Calibration ND 1							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	62								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00030000	00003460	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		4	4	4	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		6	6	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	14	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		6	6	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #63		Dark Current Cal 2							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	63								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00030000	00000840	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	14	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	14	0	0	0	0	0	0

Scanner State Parameter #64

Sun\_Nadir/Elev\_Mir\_Cal\_Scan

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	64								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	4								
Duration of Phase [msec]		00001300	00000500	00003500	00001110	00000000	00000000	00000000	00000000
Phase Type		0	1	1	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		4	4	6	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	0	0	0	0	0
H/W constellation		5	5	5	5	0	0	0	0
Azimuth Basic Scan Profile Identifier		8	8	8	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	1	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		4	4	6	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	5	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		8	8	8	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	1	0	0	0	0	0

Scanner State Parameter #65

ADC/Cal\_Scan/Maintenance

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	65								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	4								
Duration of Phase [msec]		00001300	00010000	00010000	00000780	00000000	00000000	00000000	00000000
Phase Type		0	0	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		3	3	3	3	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	7	1	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		12	7	12	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #66

Sun\_Nadir/Elev\_Mir\_Cal\_Scan

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	66								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	001								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	4								
Duration of Phase [msec]		00001300	00001000	00010000	00001110	00000000	00000000	00000000	00000000
Phase Type		0	1	1	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		4	4	6	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	5	0	0	0	0	0
H/W constellation		5	5	5	5	0	0	0	0
Azimuth Basic Scan Profile Identifier		8	8	8	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	4	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	1	0	0	0	0	0
Elevation Correction of nominal Scan Profile		4	4	9	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	4	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		8	8	8	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	4	0	0	0	0	0

Scanner State Parameter #67

Dark\_Current\_Cal\_3

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	67								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00080000	00000840	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		3	3	3	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		3	3	3	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	39	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		3	3	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		9	9	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	39	0	0	0	0	0	0

Scanner State Parameter #68

Sun\_Nadir/Elev\_Mir\_Cal\_fast\_sweep

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	68								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	008								
Number of Scan Phases	3								
Duration of Phase [msec]		00001300	00003000	00001110	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		5	5	0	0	0	0	0	0
H/W constellation		5	5	5	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		8	8	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	1	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		1	1	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		8	8	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		6	6	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		8	8	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	1	0	0	0	0	0	0

Scanner State Parameter #69

Spectral\_Lamp\_Cal\_Diffusor

	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	69								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00080000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		11	11	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0

Scanner State Parameter #70		White_Lamp_Cal_Diffusor							
	Common Param.	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
STATE ID	70								
spare									
Relative Scan Profile 1 Factor	000								
Relative Scan Profile 2 Factor	000								
Relative Scan Profile 3 Factor	000								
Relative Scan Profile 4 Factor	000								
Relative Scan Profile 5 Factor	000								
Relative Scan Profile 6 Factor	000								
Number of Scan Phases	3								
Duration of Phase [msec]		00004000	00080000	00004000	00000000	00000000	00000000	00000000	00000000
Phase Type		0	1	0	0	0	0	0	0
Azimuth Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Azimuth Filtering		0	0	0	0	0	0	0	0
Az. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Azimuth Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Azimuth Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
H/W constellation		1	1	1	0	0	0	0	0
Azimuth Basic Scan Profile Identifier		1	1	0	0	0	0	0	0
Azimuth Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0
spare									
Elevation Centering of Relative Scan Profile		0	0	0	0	0	0	0	0
Elevation Filtering		0	0	0	0	0	0	0	0
El. Inverse Rel. Scan Profile for Even Scan		0	0	0	0	0	0	0	0
Elevation Correction of nominal Scan Profile		0	0	0	0	0	0	0	0
Elevation Relative Scan Profile Identifier		0	0	0	0	0	0	0	0
spare									
Elevation Basic Scan Profile Identifier		11	11	0	0	0	0	0	0
Elevation Number of Repetition of Rel. Scan		0	0	0	0	0	0	0	0