

## Appendix A. ARCHIVE RECORD

The POES archive record comprises 32 seconds of SEM-2 data together with all added orbital, quality, and ancillary data. It consists of a single record of 2544 bytes. Various data parameters occur in this string as 1-, 2-, or 4-byte integer entities. Depending on the parameter, once it is unpacked from the archive record, the entity is either left unaltered, is expanded using a lookup table, or is converted to physical units using an appropriate conversion factor. The result of the unpacking is the data arrays, both integer and non-integer (“float” in ‘C’, “real” in FORTRAN) that have been described above. The following table shows the characteristics and treatment of the parameters that result in the 32-second data set. Sample programs for unpacking the archive record are provided in Appendix D (‘C’ language) and Appendix E (FORTRAN).

The following table identifies each entity in the packed archive record and the corresponding parameter in each of the unpacked data arrays. The table uses FORTRAN indexing notation. In ‘C’ the indices would start with 0, and multi-dimensional arrays would have their dimensions reversed.

The decimal conversion factors listed in the right hand column are the multiplicative factors used to convert from the integer-type entity to a decimal value of a parameter in proper physical units. Conversion factors labeled “table” refer to the lookup table in Appendix B that is used to convert sensor responses telemetered from the POES satellite to “decompressed” sensor counts.

## The Archive Record as a Byte Array

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
0	4	<i>cSumFlag</i>	0 = good data 1 = checksum does not match, bad data 2 = checksum not available for comparison	N/A	none
4	4	<i>cSum</i>	0-255	N/A	none
8	2	<i>major</i>	0-7	N/A	none
10	1	<i>status( 1)</i>	0 or 1	N/A	none
11	1	<i>status( 2)</i>	0 or 1	N/A	none
12	1	<i>status( 3)</i>	0 or 1	N/A	none
13	1	<i>status( 4)</i>	0 or 1	N/A	none
14	1	<i>status( 5)</i>	0 to 3		
15	1	<i>status( 6)</i>	0 to 3		
16	1	<i>status( 7)</i>	0 to 7		
17	1	<i>status( 8)</i>	0 to 7		
18	1	<i>status( 9)</i>	0 or 1		
19	1	<i>status(10)</i>	0 or 1		
20	4	<i>analog( 1)</i>			0.0001
24	4	<i>analog( 2)</i>			0.0001
28	4	<i>analog( 3)</i>			0.0001
32	4	<i>analog( 4)</i>			0.0001
36	4	<i>analog( 5)</i>			0.0001
40	4	<i>analog( 6)</i>			0.0001
44	4	<i>analog( 7)</i>			0.0001
48	4	<i>analog( 8)</i>			0.0001
52	4	<i>analog( 9)</i>			0.0001
56	4	<i>analog(10)</i>			0.0001
60	4	<i>analog(11)</i>			0.0001
64	4	<i>analog(12)</i>			0.0001
68	4	<i>analog(13)</i>			0.0001
72	4	<i>analog(14)</i>			0.0001
76	4	<i>analog(15)</i>			0.0001
80	4	<i>analog(16)</i>			0.0001
84	4	<i>analog(17)</i>			0.0001
88	4	<i>ssLoc(1, 1), head( 2,1)</i>	+90.0 to -90.0	degrees	0.0001
92	4	<i>ssLoc(1, 2)</i>	+90.0 to -90.0	degrees	0.0001
96	4	<i>ssLoc(1, 3)</i>	+90.0 to -90.0	degrees	0.0001
100	4	<i>ssLoc(1, 4)</i>	+90.0 to -90.0	degrees	0.0001
104	4	<i>ssLoc(2, 1), head( 3,1)</i>	0.0 to 360.0	degrees	0.0001
108	4	<i>ssLoc(2, 2)</i>	0.0 to 360.0	degrees	0.0001
112	4	<i>ssLoc(2, 3)</i>	0.0 to 360.0	degrees	0.0001
116	4	<i>ssLoc(2, 4)</i>	0.0 to 360.0	degrees	0.0001
120	4	<i>ssLoc(1, 5), head( 2,2)</i>	+90.0 to -90.0	degrees	0.0001
124	4	<i>ssLoc(1, 6)</i>	+90.0 to -90.0	degrees	0.0001
128	4	<i>ssLoc(1, 7)</i>	+90.0 to -90.0	degrees	0.0001
132	4	<i>ssLoc(1, 8)</i>	+90.0 to -90.0	degrees	0.0001
136	4	<i>ssLoc(2, 5), head( 3,2)</i>	0.0 to 360.0	degrees	0.0001

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
140	4	<i>ssLoc</i> (2, 6)	0.0 to 360.0	degrees	0.0001
144	4	<i>ssLoc</i> (2, 7)	0.0 to 360.0	degrees	0.0001
148	4	<i>ssLoc</i> (2, 8)	0.0 to 360.0	degrees	0.0001
152	4	<i>ssLoc</i> (1, 9), <i>head</i> ( 2,3)	+90.0 to -90.0	degrees	0.0001
156	4	<i>ssLoc</i> (1,10)	+90.0 to -90.0	degrees	0.0001
160	4	<i>ssLoc</i> (1,11)	+90.0 to -90.0	degrees	0.0001
164	4	<i>ssLoc</i> (1,12)	+90.0 to -90.0	degrees	0.0001
168	4	<i>ssLoc</i> (2, 9), <i>head</i> ( 3,3)	0.0 to 360.0	degrees	0.0001
172	4	<i>ssLoc</i> (2,10)	0.0 to 360.0	degrees	0.0001
176	4	<i>ssLoc</i> (2,11)	0.0 to 360.0	degrees	0.0001
180	4	<i>ssLoc</i> (2,12)	0.0 to 360.0	degrees	0.0001
184	4	<i>ssLoc</i> (1,13), <i>head</i> ( 2,4)	+90.0 to -90.0	degrees	0.0001
188	4	<i>ssLoc</i> (1,14)	+90.0 to -90.0	degrees	0.0001
192	4	<i>ssLoc</i> (1,15)	+90.0 to -90.0	degrees	0.0001
196	4	<i>ssLoc</i> (1,16)	+90.0 to -90.0	degrees	0.0001
200	4	<i>ssLoc</i> (2,13), <i>head</i> ( 3,4)	0.0 to 360.0	degrees	0.0001
204	4	<i>ssLoc</i> (2,14)	0.0 to 360.0	degrees	0.0001
208	4	<i>ssLoc</i> (2,15)	0.0 to 360.0	degrees	0.0001
212	4	<i>ssLoc</i> (2,16)	0.0 to 360.0	degrees	0.0001
216	4	<i>ihd</i> (1,1)	NOAA-15 is 4	N/A	none
220	4	<i>ihd</i> (2,1)	1998 -	None	none
224	4	<i>ihd</i> (3,1)	1 to 366	Day No	none
228	4	<i>ihd</i> (4,1)	0 to 86400000	msec	none
232	4	<i>ihd</i> (5,1)		Km	none
236	4	<i>head</i> ( 1,1)	nominal 98.6	degrees	0.0001
240	4	<i>ihd</i> (6,1)	1 to 65535	N/A	none
244	2	<i>qual</i> ( 1)	*	N/A	none
246	2	<i>qual</i> ( 2)	*	N/A	none
248	2	<i>qual</i> ( 3)	*	N/A	none
250	2	<i>qual</i> ( 4)	*	N/A	none
252	2	<i>minor</i> ( 1)	0	N/A	none
254	2	<i>minor</i> ( 2)	020	N/A	none
256	2	<i>minor</i> ( 3)	040	N/A	none
258	2	<i>minor</i> ( 4)	060	N/A	none
260	40	<i>mdf</i> (1 to 40, 1)	0 or 1	N/A	none
300	40	<i>mdf</i> (1 to 40, 2)	0 or 1	N/A	none
340	40	<i>mdf</i> (1 to 40, 3)	0 or 1	N/A	none
380	40	<i>mdf</i> (1 to 40, 4)	0 or 1	N/A	none
420	4	<i>ihd</i> (1,2)	NOAA-15 is 4	N/A	none
424	4	<i>ihd</i> (2,2)	1998 -	None	none
428	4	<i>ihd</i> (3,2)	1 to 366	Day No	none
432	4	<i>ihd</i> (4,2)	0-86400000	msec	none
436	4	<i>ihd</i> (5,2)		Km	none
440	4	<i>head</i> ( 1,2)	nominal 98.6	degrees	0.0001
444	4	<i>ihd</i> (6,2)	1 to 65535	N/A	none
448	2	<i>qual</i> ( 5)	*	N/A	none
450	2	<i>qual</i> ( 6)	*	N/A	none
452	2	<i>qual</i> ( 7)	*	N/A	none
454	2	<i>qual</i> ( 8)	*	N/A	none
456	2	<i>minor</i> ( 5)	080	N/A	none

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
458	2	<i>minor</i> ( 6)	100	N/A	none
460	2	<i>minor</i> ( 7)	120	N/A	none
462	2	<i>minor</i> ( 8)	140	N/A	none
464	40	<i>mdf</i> (1 to 40, 5)	0 or 1	N/A	none
504	40	<i>mdf</i> (1 to 40, 6)	0 or 1	N/A	none
544	40	<i>mdf</i> (1 to 40, 7)	0 or 1	N/A	none
584	40	<i>mdf</i> (1 to 40, 8)	0 or 1	N/A	none
624	4	<i>ihd</i> (1,3)	NOAA-15 is 4	N/A	none
628	4	<i>ihd</i> (2,3)	1998 -	None	none
632	4	<i>ihd</i> (3,3)	1 to 366	Day No	none
636	4	<i>ihd</i> (4,3)	0-86400000	msec	none
640	4	<i>ihd</i> (5,3)		Km	none
644	4	<i>head</i> ( 1,3)	nominal 98.6	degrees	0.0001
648	4	<i>ihd</i> (6,3)	1 to 65535	N/A	none
652	2	<i>qual</i> ( 9)	*	N/A	none
654	2	<i>qual</i> (10)	*	N/A	none
656	2	<i>qual</i> (11)	*	N/A	none
658	2	<i>qual</i> (12)	*	N/A	none
660	2	<i>minor</i> ( 9)	160	N/A	none
662	2	<i>minor</i> (10)	180	N/A	none
664	2	<i>minor</i> (11)	200	N/A	none
666	2	<i>minor</i> (12)	220	N/A	none
668	40	<i>mdf</i> (1 to 40, 9)	0 or 1	N/A	none
708	40	<i>mdf</i> (1 to 40,10)	0 or 1	N/A	none
748	40	<i>mdf</i> (1 to 40,11)	0 or 1	N/A	none
788	40	<i>mdf</i> (1 to 40,12)	0 or 1	N/A	none
828	4	<i>ihd</i> (1,4)	NOAA-15 is 4	N/A	none
832	4	<i>ihd</i> (2,4)	1998 -	None	none
836	4	<i>ihd</i> (3,4)	1 to 366	Day No	none
840	4	<i>ihd</i> (4,4)	0-86400000	msec	none
844	4	<i>ihd</i> (5,4)		Km	none
848	4	<i>head</i> ( 1,4)	nominal 98.6	degrees	0.0001
852	4	<i>ihd</i> (6,4)	1 to 65535	N/A	none
856	2	<i>qual</i> (13)	*	N/A	none
858	2	<i>qual</i> (14)	*	N/A	none
860	2	<i>qual</i> (15)	*	N/A	none
862	2	<i>qual</i> (16)	*	N/A	none
864	2	<i>minor</i> (13)	240	N/A	none
866	2	<i>minor</i> (14)	260	N/A	none
868	2	<i>minor</i> (15)	280	N/A	none
870	2	<i>minor</i> (16)	300	N/A	none
872	40	<i>mdf</i> (1 to 40,13)	0 or 1	N/A	none
912	40	<i>mdf</i> (1 to 40,14)	0 or 1	N/A	none
952	40	<i>mdf</i> (1 to 40,15)	0 or 1	N/A	none
992	40	<i>mdf</i> (1 to 40,16)	0 or 1	N/A	none
1032	1	<i>mep0</i> (1, 1)	0 to 255	counts	table
1033	1	<i>mep0</i> (2, 1)	0 to 255	counts	table
1034	1	<i>mep0</i> (3, 1)	0 to 255	counts	table
1035	1	<i>mep0</i> (4, 1)	0 to 255	counts	table
1036	1	<i>mep0</i> (5, 1)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1037	1	<i>mep0</i> (6, 1)	0 to 255	counts	table
1038	1	<i>mep0</i> (7, 1)	0 to 255	counts	table
1039	1	<i>mep0</i> (8, 1)	0 to 255	counts	table
1040	1	<i>mep0</i> (9, 1)	0 to 255	counts	table
1041	1	<i>mep0</i> (1, 2)	0 to 255	counts	table
1042	1	<i>mep0</i> (2, 2)	0 to 255	counts	table
1043	1	<i>mep0</i> (3, 2)	0 to 255	counts	table
1044	1	<i>mep0</i> (4, 2)	0 to 255	counts	table
1045	1	<i>mep0</i> (5, 2)	0 to 255	counts	table
1046	1	<i>mep0</i> (6, 2)	0 to 255	counts	table
1047	1	<i>mep0</i> (7, 2)	0 to 255	counts	table
1048	1	<i>mep0</i> (8, 2)	0 to 255	counts	table
1049	1	<i>mep0</i> (9, 2)	0 to 255	counts	table
1050	1	<i>mep0</i> (1, 3)	0 to 255	counts	table
1051	1	<i>mep0</i> (2, 3)	0 to 255	counts	table
1052	1	<i>mep0</i> (3, 3)	0 to 255	counts	table
1053	1	<i>mep0</i> (4, 3)	0 to 255	counts	table
1054	1	<i>mep0</i> (5, 3)	0 to 255	counts	table
1055	1	<i>mep0</i> (6, 3)	0 to 255	counts	table
1056	1	<i>mep0</i> (7, 3)	0 to 255	counts	table
1057	1	<i>mep0</i> (8, 3)	0 to 255	counts	table
1058	1	<i>mep0</i> (9, 3)	0 to 255	counts	table
1059	1	<i>mep0</i> (1, 4)	0 to 255	counts	table
1060	1	<i>mep0</i> (2, 4)	0 to 255	counts	table
1061	1	<i>mep0</i> (3, 4)	0 to 255	counts	table
1062	1	<i>mep0</i> (4, 4)	0 to 255	counts	table
1063	1	<i>mep0</i> (5, 4)	0 to 255	counts	table
1064	1	<i>mep0</i> (6, 4)	0 to 255	counts	table
1065	1	<i>mep0</i> (7, 4)	0 to 255	counts	table
1066	1	<i>mep0</i> (8, 4)	0 to 255	counts	table
1067	1	<i>mep0</i> (9, 4)	0 to 255	counts	table
1068	1	<i>mep90</i> (1, 1)	0 to 255	counts	table
1069	1	<i>mep90</i> (2, 1)	0 to 255	counts	table
1070	1	<i>mep90</i> (3, 1)	0 to 255	counts	table
1071	1	<i>mep90</i> (4, 1)	0 to 255	counts	table
1072	1	<i>mep90</i> (5, 1)	0 to 255	counts	table
1073	1	<i>mep90</i> (6, 1)	0 to 255	counts	table
1074	1	<i>mep90</i> (7, 1)	0 to 255	counts	table
1075	1	<i>mep90</i> (8, 1)	0 to 255	counts	table
1076	1	<i>mep90</i> (9, 1)	0 to 255	counts	table
1077	1	<i>mep90</i> (1, 2)	0 to 255	counts	table
1078	1	<i>mep90</i> (2, 2)	0 to 255	counts	table
1079	1	<i>mep90</i> (3, 2)	0 to 255	counts	table
1080	1	<i>mep90</i> (4, 2)	0 to 255	counts	table
1081	1	<i>mep90</i> (5, 2)	0 to 255	counts	table
1082	1	<i>mep90</i> (6, 2)	0 to 255	counts	table
1083	1	<i>mep90</i> (7, 2)	0 to 255	counts	table
1084	1	<i>mep90</i> (8, 2)	0 to 255	counts	table
1085	1	<i>mep90</i> (9, 2)	0 to 255	counts	table
1086	1	<i>mep90</i> (1, 3)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1087	1	<i>mep90(2, 3)</i>	0 to 255	counts	table
1088	1	<i>mep90(3, 3)</i>	0 to 255	counts	table
1089	1	<i>mep90(4, 3)</i>	0 to 255	counts	table
1090	1	<i>mep90(5, 3)</i>	0 to 255	counts	table
1091	1	<i>mep90(6, 3)</i>	0 to 255	counts	table
1092	1	<i>mep90(7, 3)</i>	0 to 255	counts	table
1093	1	<i>mep90(8, 3)</i>	0 to 255	counts	table
1094	1	<i>mep90(9, 3)</i>	0 to 255	counts	table
1095	1	<i>mep90(1, 4)</i>	0 to 255	counts	table
1096	1	<i>mep90(2, 4)</i>	0 to 255	counts	table
1097	1	<i>mep90(3, 4)</i>	0 to 255	counts	table
1098	1	<i>mep90(4, 4)</i>	0 to 255	counts	table
1099	1	<i>mep90(5, 4)</i>	0 to 255	counts	table
1100	1	<i>mep90(6, 4)</i>	0 to 255	counts	table
1101	1	<i>mep90(7, 4)</i>	0 to 255	counts	table
1102	1	<i>mep90(8, 4)</i>	0 to 255	counts	table
1103	1	<i>mep90(9, 4)</i>	0 to 255	counts	table
1104	1	<i>mepOmni(1, 1)</i>	0 to 255	counts	table
1105	1	<i>mepOmni(2, 1)</i>	0 to 255	counts	table
1106	1	<i>mepOmni(3, 1)</i>	0 to 255	counts	table
1107	1	ignore entry			
1108	1	<i>mepOmni(1, 2)</i>	0 to 255	counts	table
1109	1	<i>mepOmni(2, 2)</i>	0 to 255	counts	table
1110	1	ignore entry			
1111	1	<i>mepOmni(4, 2)</i>	0 to 255	counts	table
1112	1	<i>mepOmni(1, 3)</i>	0 to 255	counts	table
1113	1	<i>mepOmni(2, 3)</i>	0 to 255	counts	table
1114	1	<i>mepOmni(3, 3)</i>	0 to 255	counts	table
1115	1	ignore entry			
1116	1	<i>mepOmni(1, 4)</i>	0 to 255	counts	table
1117	1	<i>mepOmni(2, 4)</i>	0 to 255	counts	table
1118	1	ignore entry			
1119	1	<i>mepOmni(4, 4)</i>	0 to 255	counts	table
1120	1	<i>ted0(1, 1)</i>	0 to 255	counts	table
1121	1	<i>ted0(2, 1)</i>	0 to 255	counts	table
1122	1	<i>ted0(3, 1)</i>	0 to 255	counts	table
1123	1	<i>ted0(4, 1)</i>	0 to 255	counts	table
1124	1	<i>ted0(1, 2)</i>	0 to 255	counts	table
1125	1	<i>ted0(2, 2)</i>	0 to 255	counts	table
1126	1	<i>ted0(3, 2)</i>	0 to 255	counts	table
1127	1	<i>ted0(4, 2)</i>	0 to 255	counts	table
1128	1	<i>ted0(1, 3)</i>	0 to 255	counts	table
1129	1	<i>ted0(2, 3)</i>	0 to 255	counts	table
1130	1	<i>ted0(3, 3)</i>	0 to 255	counts	table
1131	1	<i>ted0(4, 3)</i>	0 to 255	counts	table
1132	1	<i>ted0(1, 4)</i>	0 to 255	counts	table
1133	1	<i>ted0(2, 4)</i>	0 to 255	counts	table
1134	1	<i>ted0(3, 4)</i>	0 to 255	counts	table
1135	1	<i>ted0(4, 4)</i>	0 to 255	counts	table
1136	1	<i>ted0(5, 1)</i>	0 to 15	N/A	none

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1137	1	<i>ted0</i> (6, 1)	0 to 15	N/A	table
1138	1	<i>ted0</i> (7, 1)	0 to 255	counts	table
1139	1	<i>ted0</i> (8, 1)	0 to 255	counts	table
1140	1	<i>ted0</i> (5, 2)	0 to 15	N/A	table
1141	1	<i>ted0</i> (6, 2)	0 to 15	N/A	table
1142	1	<i>ted0</i> (7, 2)	0 to 255	counts	table
1143	1	<i>ted0</i> (8, 2)	0 to 255	counts	table
1144	1	<i>ted0</i> (5, 3)	0 to 15	N/A	table
1145	1	<i>ted0</i> (6, 3)	0 to 15	N/A	table
1146	1	<i>ted0</i> (7, 3)	0 to 255	counts	table
1147	1	<i>ted0</i> (8, 3)	0 to 255	counts	table
1148	1	<i>ted0</i> (5, 4)	0 to 15	N/A	none
1149	1	<i>ted0</i> (6, 4)	0 to 15	N/A	none
1150	1	<i>ted0</i> (7, 4)	0 to 255	counts	table
1151	1	<i>ted0</i> (8, 4)	0 to 255	counts	table
1152	1	<i>ted30</i> (1, 1)	0 to 255	counts	table
1153	1	<i>ted30</i> (2, 1)	0 to 255	counts	table
1154	1	<i>ted30</i> (3, 1)	0 to 255	counts	table
1155	1	<i>ted30</i> (4, 1)	0 to 255	counts	table
1156	1	<i>ted30</i> (1, 2)	0 to 255	counts	table
1157	1	<i>ted30</i> (2, 2)	0 to 255	counts	table
1158	1	<i>ted30</i> (3, 2)	0 to 255	counts	table
1159	1	<i>ted30</i> (4, 2)	0 to 255	counts	table
1160	1	<i>ted30</i> (1, 3)	0 to 255	counts	table
1161	1	<i>ted30</i> (2, 3)	0 to 255	counts	table
1162	1	<i>ted30</i> (3, 3)	0 to 255	counts	table
1163	1	<i>ted30</i> (4, 3)	0 to 255	counts	table
1164	1	<i>ted30</i> (1, 4)	0 to 255	counts	table
1165	1	<i>ted30</i> (2, 4)	0 to 255	counts	table
1166	1	<i>ted30</i> (3, 4)	0 to 255	counts	table
1167	1	<i>ted30</i> (4, 4)	0 to 255	counts	table
1168	1	<i>ted30</i> (5, 1)	0 to 15	N/A	none
1169	1	<i>ted30</i> (6, 1)	0 to 15	N/A	none
1170	1	<i>ted30</i> (7, 1)	0 to 255	counts	table
1171	1	<i>ted30</i> (8, 1)	0 to 255	counts	table
1172	1	<i>ted30</i> (5, 2)	0 to 15	N/A	none
1173	1	<i>ted30</i> (6, 2)	0 to 15	N/A	none
1174	1	<i>ted30</i> (7, 2)	0 to 255	counts	table
1175	1	<i>ted30</i> (8, 2)	0 to 255	counts	table
1176	1	<i>ted30</i> (5, 3)	0 to 15	N/A	none
1177	1	<i>ted30</i> (6, 3)	0 to 15	N/A	none
1178	1	<i>ted30</i> (7, 3)	0 to 255	counts	table
1179	1	<i>ted30</i> (8, 3)	0 to 255	counts	table
1180	1	<i>ted30</i> (5, 4)	0 to 15	N/A	none
1181	1	<i>ted30</i> (6, 4)	0 to 15	N/A	none
1182	1	<i>ted30</i> (7, 4)	0 to 255	counts	table
1183	1	<i>ted30</i> (8, 4)	0 to 255	counts	table
1184	1	<i>mep0</i> (1, 5)	0 to 255	counts	table
1185	1	<i>mep0</i> (2, 5)	0 to 255	counts	table
1186	1	<i>mep0</i> (3, 5)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1187	1	<i>mep0</i> (4, 5)	0 to 255	counts	table
1188	1	<i>mep0</i> (5, 5)	0 to 255	counts	table
1189	1	<i>mep0</i> (6, 5)	0 to 255	counts	table
1190	1	<i>mep0</i> (7, 5)	0 to 255	counts	table
1191	1	<i>mep0</i> (8, 5)	0 to 255	counts	table
1192	1	<i>mep0</i> (9, 5)	0 to 255	counts	table
1193	1	<i>mep0</i> (1, 6)	0 to 255	counts	table
1194	1	<i>mep0</i> (2, 6)	0 to 255	counts	table
1195	1	<i>mep0</i> (3, 6)	0 to 255	counts	table
1196	1	<i>mep0</i> (4, 6)	0 to 255	counts	table
1197	1	<i>mep0</i> (5, 6)	0 to 255	counts	table
1198	1	<i>mep0</i> (6, 6)	0 to 255	counts	table
1199	1	<i>mep0</i> (7, 6)	0 to 255	counts	table
1200	1	<i>mep0</i> (8, 6)	0 to 255	counts	table
1201	1	<i>mep0</i> (9, 6)	0 to 255	counts	table
1202	1	<i>mep0</i> (1, 7)	0 to 255	counts	table
1203	1	<i>mep0</i> (2, 7)	0 to 255	counts	table
1204	1	<i>mep0</i> (3, 7)	0 to 255	counts	table
1205	1	<i>mep0</i> (4, 7)	0 to 255	counts	table
1206	1	<i>mep0</i> (5, 7)	0 to 255	counts	table
1207	1	<i>mep0</i> (6, 7)	0 to 255	counts	table
1208	1	<i>mep0</i> (7, 7)	0 to 255	counts	table
1209	1	<i>mep0</i> (8, 7)	0 to 255	counts	table
1210	1	<i>mep0</i> (9, 7)	0 to 255	counts	table
1211	1	<i>mep0</i> (1, 8)	0 to 255	counts	table
1212	1	<i>mep0</i> (2, 8)	0 to 255	counts	table
1213	1	<i>mep0</i> (3, 8)	0 to 255	counts	table
1214	1	<i>mep0</i> (4, 8)	0 to 255	counts	table
1215	1	<i>mep0</i> (5, 8)	0 to 255	counts	table
1216	1	<i>mep0</i> (6, 8)	0 to 255	counts	table
1217	1	<i>mep0</i> (7, 8)	0 to 255	counts	table
1218	1	<i>mep0</i> (8, 8)	0 to 255	counts	table
1219	1	<i>mep0</i> (9, 8)	0 to 255	counts	table
1220	1	<i>mep90</i> (1, 5)	0 to 255	counts	table
1221	1	<i>mep90</i> (2, 5)	0 to 255	counts	table
1222	1	<i>mep90</i> (3, 5)	0 to 255	counts	table
1223	1	<i>mep90</i> (4, 5)	0 to 255	counts	table
1224	1	<i>mep90</i> (5, 5)	0 to 255	counts	table
1225	1	<i>mep90</i> (6, 5)	0 to 255	counts	table
1226	1	<i>mep90</i> (7, 5)	0 to 255	counts	table
1227	1	<i>mep90</i> (8, 5)	0 to 255	counts	table
1228	1	<i>mep90</i> (9, 5)	0 to 255	counts	table
1229	1	<i>mep90</i> (1, 6)	0 to 255	counts	table
1230	1	<i>mep90</i> (2, 6)	0 to 255	counts	table
1231	1	<i>mep90</i> (3, 6)	0 to 255	counts	table
1232	1	<i>mep90</i> (4, 6)	0 to 255	counts	table
1233	1	<i>mep90</i> (5, 6)	0 to 255	counts	table
1234	1	<i>mep90</i> (6, 6)	0 to 255	counts	table
1235	1	<i>mep90</i> (7, 6)	0 to 255	counts	table
1236	1	<i>mep90</i> (8, 6)	0 to 255	counts	table



Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1237	1	<i>mep90</i> (9, 6)	0 to 255	counts	table
1238	1	<i>mep90</i> (1, 7)	0 to 255	counts	table
1239	1	<i>mep90</i> (2, 7)	0 to 255	counts	table
1240	1	<i>mep90</i> (3, 7)	0 to 255	counts	table
1241	1	<i>mep90</i> (4, 7)	0 to 255	counts	table
1242	1	<i>mep90</i> (5, 7)	0 to 255	counts	table
1243	1	<i>mep90</i> (6, 7)	0 to 255	counts	table
1244	1	<i>mep90</i> (7, 7)	0 to 255	counts	table
1245	1	<i>mep90</i> (8, 7)	0 to 255	counts	table
1246	1	<i>mep90</i> (9, 7)	0 to 255	counts	table
1247	1	<i>mep90</i> (1, 8)	0 to 255	counts	table
1248	1	<i>mep90</i> (2, 8)	0 to 255	counts	table
1249	1	<i>mep90</i> (3, 8)	0 to 255	counts	table
1250	1	<i>mep90</i> (4, 8)	0 to 255	counts	table
1251	1	<i>mep90</i> (5, 8)	0 to 255	counts	table
1252	1	<i>mep90</i> (6, 8)	0 to 255	counts	table
1253	1	<i>mep90</i> (7, 8)	0 to 255	counts	table
1254	1	<i>mep90</i> (8, 8)	0 to 255	counts	table
1255	1	<i>mep90</i> (9, 8)	0 to 255	counts	table
1256	1	<i>mepOmni</i> (1, 5)	0 to 255	counts	table
1257	1	<i>mepOmni</i> (2, 5)	0 to 255	counts	table
1258	1	<i>mepOmni</i> (3, 5)	0 to 255	counts	table
1259	1	ignore entry			
1260	1	<i>mepOmni</i> (1, 6)	0 to 255	counts	table
1261	1	<i>mepOmni</i> (2, 6)	0 to 255	counts	table
1262	1	ignore entry			
1263	1	<i>mepOmni</i> (4, 6)	0 to 255	counts	table
1264	1	<i>mepOmni</i> (1, 7)	0 to 255	counts	table
1265	1	<i>mepOmni</i> (2, 7)	0 to 255	counts	table
1266	1	<i>mepOmni</i> (3, 7)	0 to 255	counts	table
1267	1	ignore entry			
1268	1	<i>mepOmni</i> (1, 8)	0 to 255	counts	table
1269	1	<i>mepOmni</i> (2, 8)	0 to 255	counts	table
1270	1	ignore entry			
1271	1	<i>mepOmni</i> (4, 8)	0 to 255	counts	table
1272	1	<i>ted0</i> (1, 5)	0 to 255	counts	table
1273	1	<i>ted0</i> (2, 5)	0 to 255	counts	table
1274	1	<i>ted0</i> (3, 5)	0 to 255	counts	table
1275	1	<i>ted0</i> (4, 5)	0 to 255	counts	table
1276	1	<i>ted0</i> (1, 6)	0 to 255	counts	table
1277	1	<i>ted0</i> (2, 6)	0 to 255	counts	table
1278	1	<i>ted0</i> (3, 6)	0 to 255	counts	table
1279	1	<i>ted0</i> (4, 6)	0 to 255	counts	table
1280	1	<i>ted0</i> (1, 7)	0 to 255	counts	table
1281	1	<i>ted0</i> (2, 7)	0 to 255	counts	table
1282	1	<i>ted0</i> (3, 7)	0 to 255	counts	table
1283	1	<i>ted0</i> (4, 7)	0 to 255	counts	table
1284	1	<i>ted0</i> (1, 8)	0 to 255	counts	table
1285	1	<i>ted0</i> (2, 8)	0 to 255	counts	table
1286	1	<i>ted0</i> (3, 8)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1287	1	<i>ted0</i> (4, 8)	0 to 255	counts	table
1288	1	<i>ted0</i> (5, 5)	0 to 15	N/A	none
1289	1	<i>ted0</i> (6, 5)	0 to 15	N/A	none
1290	1	<i>ted0</i> (7, 5)	0 to 255	counts	table
1291	1	<i>ted0</i> (8, 5)	0 to 255	counts	table
1292	1	<i>ted0</i> (5, 6)	0 to 15	N/A	none
1293	1	<i>ted0</i> (6, 6)	0 to 15	N/A	none
1294	1	<i>ted0</i> (7, 6)	0 to 255	counts	table
1295	1	<i>ted0</i> (8, 6)	0 to 255	counts	table
1296	1	<i>ted0</i> (5, 7)	0 to 15	N/A	none
1297	1	<i>ted0</i> (6, 7)	0 to 15	N/A	none
1298	1	<i>ted0</i> (7, 7)	0 to 255	counts	table
1299	1	<i>ted0</i> (8, 7)	0 to 255	counts	table
1300	1	<i>ted0</i> (5, 8)	0 to 15	N/A	none
1301	1	<i>ted0</i> (6, 8)	0 to 15	N/A	none
1302	1	<i>ted0</i> (7, 8)	0 to 255	counts	table
1303	1	<i>ted0</i> (8, 8)	0 to 255	counts	table
1304	1	<i>ted30</i> (1, 5)	0 to 255	counts	table
1305	1	<i>ted30</i> (2, 5)	0 to 255	counts	table
1306	1	<i>ted30</i> (3, 5)	0 to 255	counts	table
1307	1	<i>ted30</i> (4, 5)	0 to 255	counts	table
1308	1	<i>ted30</i> (1, 6)	0 to 255	counts	table
1309	1	<i>ted30</i> (2, 6)	0 to 255	counts	table
1310	1	<i>ted30</i> (3, 6)	0 to 255	counts	table
1311	1	<i>ted30</i> (4, 6)	0 to 255	counts	table
1312	1	<i>ted30</i> (1, 7)	0 to 255	counts	table
1313	1	<i>ted30</i> (2, 7)	0 to 255	counts	table
1314	1	<i>ted30</i> (3, 7)	0 to 255	counts	table
1315	1	<i>ted30</i> (4, 7)	0 to 255	counts	table
1316	1	<i>ted30</i> (1, 8)	0 to 255	counts	table
1317	1	<i>ted30</i> (2, 8)	0 to 255	counts	table
1318	1	<i>ted30</i> (3, 8)	0 to 255	counts	table
1319	1	<i>ted30</i> (4, 8)	0 to 255	counts	table
1320	1	<i>ted30</i> (5, 5)	0 to 15	N/A	none
1321	1	<i>ted30</i> (6, 5)	0 to 15	N/A	none
1322	1	<i>ted30</i> (7, 5)	0 to 255	counts	table
1323	1	<i>ted30</i> (8, 5)	0 to 255	counts	table
1324	1	<i>ted30</i> (5, 6)	0 to 15	N/A	none
1325	1	<i>ted30</i> (6, 6)	0 to 15	N/A	none
1326	1	<i>ted30</i> (7, 6)	0 to 255	counts	table
1327	1	<i>ted30</i> (8, 6)	0 to 255	counts	table
1328	1	<i>ted30</i> (5, 7)	0 to 15	N/A	none
1329	1	<i>ted30</i> (6, 7)	0 to 15	N/A	none
1330	1	<i>ted30</i> (7, 7)	0 to 255	counts	table
1331	1	<i>ted30</i> (8, 7)	0 to 255	counts	table
1332	1	<i>ted30</i> (5, 8)	0 to 15	N/A	none
1333	1	<i>ted30</i> (6, 8)	0 to 15	N/A	none
1334	1	<i>ted30</i> (7, 8)	0 to 255	counts	table
1335	1	<i>ted30</i> (8, 8)	0 to 255	counts	table
1336	1	<i>mep0</i> (1, 9)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1337	1	<i>mep0</i> (2, 9)	0 to 255	counts	table
1338	1	<i>mep0</i> (3, 9)	0 to 255	counts	table
1339	1	<i>mep0</i> (4, 9)	0 to 255	counts	table
1340	1	<i>mep0</i> (5, 9)	0 to 255	counts	table
1341	1	<i>mep0</i> (6, 9)	0 to 255	counts	table
1342	1	<i>mep0</i> (7, 9)	0 to 255	counts	table
1343	1	<i>mep0</i> (8, 9)	0 to 255	counts	table
1344	1	<i>mep0</i> (9, 9)	0 to 255	counts	table
1345	1	<i>mep0</i> (1,10)	0 to 255	counts	table
1346	1	<i>mep0</i> (2,10)	0 to 255	counts	table
1347	1	<i>mep0</i> (3,10)	0 to 255	counts	table
1348	1	<i>mep0</i> (4,10)	0 to 255	counts	table
1349	1	<i>mep0</i> (5,10)	0 to 255	counts	table
1350	1	<i>mep0</i> (6,10)	0 to 255	counts	table
1351	1	<i>mep0</i> (7,10)	0 to 255	counts	table
1352	1	<i>mep0</i> (8,10)	0 to 255	counts	table
1353	1	<i>mep0</i> (9,10)	0 to 255	counts	table
1354	1	<i>mep0</i> (1,11)	0 to 255	counts	table
1355	1	<i>mep0</i> (2,11)	0 to 255	counts	table
1356	1	<i>mep0</i> (3,11)	0 to 255	counts	table
1357	1	<i>mep0</i> (4,11)	0 to 255	counts	table
1358	1	<i>mep0</i> (5,11)	0 to 255	counts	table
1359	1	<i>mep0</i> (6,11)	0 to 255	counts	table
1360	1	<i>mep0</i> (7,11)	0 to 255	counts	table
1361	1	<i>mep0</i> (8,11)	0 to 255	counts	table
1362	1	<i>mep0</i> (9,11)	0 to 255	counts	table
1363	1	<i>mep0</i> (1,12)	0 to 255	counts	table
1364	1	<i>mep0</i> (2,12)	0 to 255	counts	table
1365	1	<i>mep0</i> (3,12)	0 to 255	counts	table
1366	1	<i>mep0</i> (4,12)	0 to 255	counts	table
1367	1	<i>mep0</i> (5,12)	0 to 255	counts	table
1368	1	<i>mep0</i> (6,12)	0 to 255	counts	table
1369	1	<i>mep0</i> (7,12)	0 to 255	counts	table
1370	1	<i>mep0</i> (8,12)	0 to 255	counts	table
1371	1	<i>mep0</i> (9,12)	0 to 255	counts	table
1372	1	<i>mep90</i> (1, 9)	0 to 255	counts	table
1373	1	<i>mep90</i> (2, 9)	0 to 255	counts	table
1374	1	<i>mep90</i> (3, 9)	0 to 255	counts	table
1375	1	<i>mep90</i> (4, 9)	0 to 255	counts	table
1376	1	<i>mep90</i> (5, 9)	0 to 255	counts	table
1377	1	<i>mep90</i> (6, 9)	0 to 255	counts	table
1378	1	<i>mep90</i> (7, 9)	0 to 255	counts	table
1379	1	<i>mep90</i> (8, 9)	0 to 255	counts	table
1380	1	<i>mep90</i> (9, 9)	0 to 255	counts	table
1381	1	<i>mep90</i> (1,10)	0 to 255	counts	table
1382	1	<i>mep90</i> (2,10)	0 to 255	counts	table
1383	1	<i>mep90</i> (3,10)	0 to 255	counts	table
1384	1	<i>mep90</i> (4,10)	0 to 255	counts	table
1385	1	<i>mep90</i> (5,10)	0 to 255	counts	table
1386	1	<i>mep90</i> (6,10)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1387	1	<i>mep90(7,10)</i>	0 to 255	counts	table
1388	1	<i>mep90(8,10)</i>	0 to 255	counts	table
1389	1	<i>mep90(9,10)</i>	0 to 255	counts	table
1390	1	<i>mep90(1,11)</i>	0 to 255	counts	table
1391	1	<i>mep90(2,11)</i>	0 to 255	counts	table
1392	1	<i>mep90(3,11)</i>	0 to 255	counts	table
1393	1	<i>mep90(4,11)</i>	0 to 255	counts	table
1394	1	<i>mep90(5,11)</i>	0 to 255	counts	table
1395	1	<i>mep90(6,11)</i>	0 to 255	counts	table
1396	1	<i>mep90(7,11)</i>	0 to 255	counts	table
1397	1	<i>mep90(8,11)</i>	0 to 255	counts	table
1398	1	<i>mep90(9,11)</i>	0 to 255	counts	table
1399	1	<i>mep90(1,12)</i>	0 to 255	counts	table
1400	1	<i>mep90(2,12)</i>	0 to 255	counts	table
1401	1	<i>mep90(3,12)</i>	0 to 255	counts	table
1402	1	<i>mep90(4,12)</i>	0 to 255	counts	table
1403	1	<i>mep90(5,12)</i>	0 to 255	counts	table
1404	1	<i>mep90(6,12)</i>	0 to 255	counts	table
1405	1	<i>mep90(7,12)</i>	0 to 255	counts	table
1406	1	<i>mep90(8,12)</i>	0 to 255	counts	table
1407	1	<i>mep90(9,12)</i>	0 to 255	counts	table
1408	1	<i>mepOmni(1, 9)</i>	0 to 255	counts	table
1409	1	<i>mepOmni(2, 9)</i>	0 to 255	counts	table
1410	1	<i>mepOmni(3, 9)</i>	0 to 255	counts	table
1411	1	ignore entry			
1412	1	<i>mepOmni(1,10)</i>	0 to 255	counts	table
1413	1	<i>mepOmni(2,10)</i>	0 to 255	counts	table
1414	1	ignore entry			
1415	1	<i>mepOmni(4,10)</i>	0 to 255	counts	table
1416	1	<i>mepOmni(1,11)</i>	0 to 255	counts	table
1417	1	<i>mepOmni(2,11)</i>	0 to 255	counts	table
1418	1	<i>mepOmni(3,11)</i>	0 to 255	counts	table
1419	1	ignore entry			
1420	1	<i>mepOmni(1,12)</i>	0 to 255	counts	table
1421	1	<i>mepOmni(2,12)</i>	0 to 255	counts	table
1422	1	ignore entry			
1423	1	<i>mepOmni(4,12)</i>	0 to 255	counts	table
1424	1	<i>ted0(1, 9)</i>	0 to 255	counts	table
1425	1	<i>ted0(2, 9)</i>	0 to 255	counts	table
1426	1	<i>ted0(3, 9)</i>	0 to 255	counts	table
1427	1	<i>ted0(4, 9)</i>	0 to 255	counts	table
1428	1	<i>ted0(1,10)</i>	0 to 255	counts	table
1429	1	<i>ted0(2,10)</i>	0 to 255	counts	table
1430	1	<i>ted0(3,10)</i>	0 to 255	counts	table
1431	1	<i>ted0(4,10)</i>	0 to 255	counts	table
1432	1	<i>ted0(1,11)</i>	0 to 255	counts	table
1433	1	<i>ted0(2,11)</i>	0 to 255	counts	table
1434	1	<i>ted0(3,11)</i>	0 to 255	counts	table
1435	1	<i>ted0(4,11)</i>	0 to 255	counts	table
1436	1	<i>ted0(1,12)</i>	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1437	1	<i>ted0</i> (2,12)	0 to 255	counts	table
1438	1	<i>ted0</i> (3,12)	0 to 255	counts	table
1439	1	<i>ted0</i> (4,12)	0 to 255	counts	table
1440	1	<i>ted0</i> (5, 9)	0 to 15	N/A	none
1441	1	<i>ted0</i> (6, 9)	0 to 15	N/A	none
1442	1	<i>ted0</i> (7, 9)	0 to 255	counts	table
1443	1	<i>ted0</i> (8, 9)	0 to 255	counts	table
1444	1	<i>ted0</i> (5,10)	0 to 15	N/A	none
1445	1	<i>ted0</i> (6,10)	0 to 15	N/A	none
1446	1	<i>ted0</i> (7,10)	0 to 255	counts	table
1447	1	<i>ted0</i> (8,10)	0 to 255	counts	table
1448	1	<i>ted0</i> (5,11)	0 to 15	N/A	none
1449	1	<i>ted0</i> (6,11)	0 to 15	N/A	none
1450	1	<i>ted0</i> (7,11)	0 to 255	counts	table
1451	1	<i>ted0</i> (8,11)	0 to 255	counts	table
1452	1	<i>ted0</i> (5,12)	0 to 15	N/A	none
1453	1	<i>ted0</i> (6,12)	0 to 15	N/A	none
1454	1	<i>ted0</i> (7,12)	0 to 255	counts	table
1455	1	<i>ted0</i> (8,12)	0 to 255	counts	table
1456	1	<i>ted30</i> (1, 9)	0 to 255	counts	table
1457	1	<i>ted30</i> (2, 9)	0 to 255	counts	table
1458	1	<i>ted30</i> (3, 9)	0 to 255	counts	table
1459	1	<i>ted30</i> (4, 9)	0 to 255	counts	table
1460	1	<i>ted30</i> (1,10)	0 to 255	counts	table
1461	1	<i>ted30</i> (2,10)	0 to 255	counts	table
1462	1	<i>ted30</i> (3,10)	0 to 255	counts	table
1463	1	<i>ted30</i> (4,10)	0 to 255	counts	table
1464	1	<i>ted30</i> (1,11)	0 to 255	counts	table
1465	1	<i>ted30</i> (2,11)	0 to 255	counts	table
1466	1	<i>ted30</i> (3,11)	0 to 255	counts	table
1467	1	<i>ted30</i> (4,11)	0 to 255	counts	table
1468	1	<i>ted30</i> (1,12)	0 to 255	counts	table
1469	1	<i>ted30</i> (2,12)	0 to 255	counts	table
1470	1	<i>ted30</i> (3,12)	0 to 255	counts	table
1471	1	<i>ted30</i> (4,12)	0 to 255	counts	table
1472	1	<i>ted30</i> (5, 9)	0 to 15	N/A	none
1473	1	<i>ted30</i> (6, 9)	0 to 15	N/A	none
1474	1	<i>ted30</i> (7, 9)	0 to 255	counts	table
1475	1	<i>ted30</i> (8, 9)	0 to 255	counts	table
1476	1	<i>ted30</i> (5,10)	0 to 15	N/A	none
1477	1	<i>ted30</i> (6,10)	0 to 15	N/A	none
1478	1	<i>ted30</i> (7,10)	0 to 255	counts	table
1479	1	<i>ted30</i> (8,10)	0 to 255	counts	table
1480	1	<i>ted30</i> (5,11)	0 to 15	N/A	none
1481	1	<i>ted30</i> (6,11)	0 to 15	N/A	none
1482	1	<i>ted30</i> (7,11)	0 to 255	counts	table
1483	1	<i>ted30</i> (8,11)	0 to 255	counts	table
1484	1	<i>ted30</i> (5,12)	0 to 15	N/A	none
1485	1	<i>ted30</i> (6,12)	0 to 15	N/A	none
1486	1	<i>ted30</i> (7,12)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1487	1	<i>ted30</i> (8,12)	0 to 255	counts	table
1488	1	<i>mep0</i> (1,13)	0 to 255	counts	table
1489	1	<i>mep0</i> (2,13)	0 to 255	counts	table
1490	1	<i>mep0</i> (3,13)	0 to 255	counts	table
1491	1	<i>mep0</i> (4,13)	0 to 255	counts	table
1492	1	<i>mep0</i> (5,13)	0 to 255	counts	table
1493	1	<i>mep0</i> (6,13)	0 to 255	counts	table
1494	1	<i>mep0</i> (7,13)	0 to 255	counts	table
1495	1	<i>mep0</i> (8,13)	0 to 255	counts	table
1496	1	<i>mep0</i> (9,13)	0 to 255	counts	table
1497	1	<i>mep0</i> (1,14)	0 to 255	counts	table
1498	1	<i>mep0</i> (2,14)	0 to 255	counts	table
1499	1	<i>mep0</i> (3,14)	0 to 255	counts	table
1500	1	<i>mep0</i> (4,14)	0 to 255	counts	table
1501	1	<i>mep0</i> (5,14)	0 to 255	counts	table
1502	1	<i>mep0</i> (6,14)	0 to 255	counts	table
1503	1	<i>mep0</i> (7,14)	0 to 255	counts	table
1504	1	<i>mep0</i> (8,14)	0 to 255	counts	table
1505	1	<i>mep0</i> (9,14)	0 to 255	counts	table
1506	1	<i>mep0</i> (1,15)	0 to 255	counts	table
1507	1	<i>mep0</i> (2,15)	0 to 255	counts	table
1508	1	<i>mep0</i> (3,15)	0 to 255	counts	table
1509	1	<i>mep0</i> (4,15)	0 to 255	counts	table
1510	1	<i>mep0</i> (5,15)	0 to 255	counts	table
1511	1	<i>mep0</i> (6,15)	0 to 255	counts	table
1512	1	<i>mep0</i> (7,15)	0 to 255	counts	table
1513	1	<i>mep0</i> (8,15)	0 to 255	counts	table
1514	1	<i>mep0</i> (9,15)	0 to 255	counts	table
1515	1	<i>mep0</i> (1,16)	0 to 255	counts	table
1516	1	<i>mep0</i> (2,16)	0 to 255	counts	table
1517	1	<i>mep0</i> (3,16)	0 to 255	counts	table
1518	1	<i>mep0</i> (4,16)	0 to 255	counts	table
1519	1	<i>mep0</i> (5,16)	0 to 255	counts	table
1520	1	<i>mep0</i> (6,16)	0 to 255	counts	table
1521	1	<i>mep0</i> (7,16)	0 to 255	counts	table
1522	1	<i>mep0</i> (8,16)	0 to 255	counts	table
1523	1	<i>mep0</i> (9,16)	0 to 255	counts	table
1524	1	<i>mep90</i> (1,13)	0 to 255	counts	table
1525	1	<i>mep90</i> (2,13)	0 to 255	counts	table
1526	1	<i>mep90</i> (3,13)	0 to 255	counts	table
1527	1	<i>mep90</i> (4,13)	0 to 255	counts	table
1528	1	<i>mep90</i> (5,13)	0 to 255	counts	table
1529	1	<i>mep90</i> (6,13)	0 to 255	counts	table
1530	1	<i>mep90</i> (7,13)	0 to 255	counts	table
1531	1	<i>mep90</i> (8,13)	0 to 255	counts	table
1532	1	<i>mep90</i> (9,13)	0 to 255	counts	table
1533	1	<i>mep90</i> (1,14)	0 to 255	counts	table
1534	1	<i>mep90</i> (2,14)	0 to 255	counts	table
1535	1	<i>mep90</i> (3,14)	0 to 255	counts	table
1536	1	<i>mep90</i> (4,14)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1537	1	<i>mep90(5,14)</i>	0 to 255	counts	table
1538	1	<i>mep90(6,14)</i>	0 to 255	counts	table
1539	1	<i>mep90(7,14)</i>	0 to 255	counts	table
1540	1	<i>mep90(8,14)</i>	0 to 255	counts	table
1541	1	<i>mep90(9,14)</i>	0 to 255	counts	table
1542	1	<i>mep90(1,15)</i>	0 to 255	counts	table
1543	1	<i>mep90(2,15)</i>	0 to 255	counts	table
1544	1	<i>mep90(3,15)</i>	0 to 255	counts	table
1545	1	<i>mep90(4,15)</i>	0 to 255	counts	table
1546	1	<i>mep90(5,15)</i>	0 to 255	counts	table
1547	1	<i>mep90(6,15)</i>	0 to 255	counts	table
1548	1	<i>mep90(7,15)</i>	0 to 255	counts	table
1549	1	<i>mep90(8,15)</i>	0 to 255	counts	table
1550	1	<i>mep90(9,15)</i>	0 to 255	counts	table
1551	1	<i>mep90(1,16)</i>	0 to 255	counts	table
1552	1	<i>mep90(2,16)</i>	0 to 255	counts	table
1553	1	<i>mep90(3,16)</i>	0 to 255	counts	table
1554	1	<i>mep90(4,16)</i>	0 to 255	counts	table
1555	1	<i>mep90(5,16)</i>	0 to 255	counts	table
1556	1	<i>mep90(6,16)</i>	0 to 255	counts	table
1557	1	<i>mep90(7,16)</i>	0 to 255	counts	table
1558	1	<i>mep90(8,16)</i>	0 to 255	counts	table
1559	1	<i>mep90(9,16)</i>	0 to 255	counts	table
1560	1	<i>mepOmni(1,13)</i>	0 to 255	counts	table
1561	1	<i>mepOmni(2,13)</i>	0 to 255	counts	table
1562	1	<i>mepOmni(3,13)</i>	0 to 255	counts	table
1563	1	ignore entry			
1564	1	<i>mepOmni(1,14)</i>	0 to 255	counts	table
1565	1	<i>mepOmni(2,14)</i>	0 to 255	counts	table
1566	1	ignore entry			
1567	1	<i>mepOmni(4,14)</i>	0 to 255	counts	table
1568	1	<i>mepOmni(1,15)</i>	0 to 255	counts	table
1569	1	<i>mepOmni(2,15)</i>	0 to 255	counts	table
1570	1	<i>mepOmni(3,15)</i>	0 to 255	counts	table
1571	1	ignore entry			
1572	1	<i>mepOmni(1,16)</i>	0 to 255	counts	table
1573	1	<i>mepOmni(2,16)</i>	0 to 255	counts	table
1574	1	ignore entry			
1575	1	<i>mepOmni(4,16)</i>	0 to 255	counts	table
1576	1	<i>ted0(1,13)</i>	0 to 255	counts	table
1577	1	<i>ted0(2,13)</i>	0 to 255	counts	table
1578	1	<i>ted0(3,13)</i>	0 to 255	counts	table
1579	1	<i>ted0(4,13)</i>	0 to 255	counts	table
1580	1	<i>ted0(1,14)</i>	0 to 255	counts	table
1581	1	<i>ted0(2,14)</i>	0 to 255	counts	table
1582	1	<i>ted0(3,14)</i>	0 to 255	counts	table
1583	1	<i>ted0(4,14)</i>	0 to 255	counts	table
1584	1	<i>ted0(1,15)</i>	0 to 255	counts	table
1585	1	<i>ted0(2,15)</i>	0 to 255	counts	table
1586	1	<i>ted0(3,15)</i>	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1587	1	<i>ted0</i> (4,15)	0 to 255	counts	table
1588	1	<i>ted0</i> (1,16)	0 to 255	counts	table
1589	1	<i>ted0</i> (2,16)	0 to 255	counts	table
1590	1	<i>ted0</i> (3,16)	0 to 255	counts	table
1591	1	<i>ted0</i> (4,16)	0 to 255	counts	table
1592	1	<i>ted0</i> (5,13)	0 to 15	N/A	none
1593	1	<i>ted0</i> (6,13)	0 to 15	N/A	none
1594	1	<i>ted0</i> (7,13)	0 to 255	counts	table
1595	1	<i>ted0</i> (8,13)	0 to 255	counts	table
1596	1	<i>ted0</i> (5,14)	0 to 15	N/A	none
1597	1	<i>ted0</i> (6,14)	0 to 15	N/A	none
1598	1	<i>ted0</i> (7,14)	0 to 255	counts	table
1599	1	<i>ted0</i> (8,14)	0 to 255	counts	table
1600	1	<i>ted0</i> (5,15)	0 to 15	N/A	none
1601	1	<i>ted0</i> (6,15)	0 to 15	N/A	none
1602	1	<i>ted0</i> (7,15)	0 to 255	counts	table
1603	1	<i>ted0</i> (8,15)	0 to 255	counts	table
1604	1	<i>ted0</i> (5,16)	0 to 15	N/A	none
1605	1	<i>ted0</i> (6,16)	0 to 15	N/A	none
1606	1	<i>ted0</i> (7,16)	0 to 255	counts	table
1607	1	<i>ted0</i> (8,16)	0 to 255	counts	table
1608	1	<i>ted30</i> (1,13)	0 to 255	counts	table
1609	1	<i>ted30</i> (2,13)	0 to 255	counts	table
1610	1	<i>ted30</i> (3,13)	0 to 255	counts	table
1611	1	<i>ted30</i> (4,13)	0 to 255	counts	table
1612	1	<i>ted30</i> (1,14)	0 to 255	counts	table
1613	1	<i>ted30</i> (2,14)	0 to 255	counts	table
1614	1	<i>ted30</i> (3,14)	0 to 255	counts	table
1615	1	<i>ted30</i> (4,14)	0 to 255	counts	table
1616	1	<i>ted30</i> (1,15)	0 to 255	counts	table
1617	1	<i>ted30</i> (2,15)	0 to 255	counts	table
1618	1	<i>ted30</i> (3,15)	0 to 255	counts	table
1619	1	<i>ted30</i> (4,15)	0 to 255	counts	table
1620	1	<i>ted30</i> (1,16)	0 to 255	counts	table
1621	1	<i>ted30</i> (2,16)	0 to 255	counts	table
1622	1	<i>ted30</i> (3,16)	0 to 255	counts	table
1623	1	<i>ted30</i> (4,16)	0 to 255	counts	table
1624	1	<i>ted30</i> (5,13)	0 to 15	N/A	none
1625	1	<i>ted30</i> (6,13)	0 to 15	N/A	none
1626	1	<i>ted30</i> (7,13)	0 to 255	counts	table
1627	1	<i>ted30</i> (8,13)	0 to 255	counts	table
1628	1	<i>ted30</i> (5,14)	0 to 15	N/A	none
1629	1	<i>ted30</i> (6,14)	0 to 15	N/A	none
1630	1	<i>ted30</i> (7,14)	0 to 255	counts	table
1631	1	<i>ted30</i> (8,14)	0 to 255	counts	table
1632	1	<i>ted30</i> (5,15)	0 to 15	N/A	none
1633	1	<i>ted30</i> (6,15)	0 to 15	N/A	none
1634	1	<i>ted30</i> (7,15)	0 to 255	counts	table
1635	1	<i>ted30</i> (8,15)	0 to 255	counts	table
1636	1	<i>ted30</i> (5,16)	0 to 15	N/A	none



Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1637	1	<i>ted30(6,16)</i>	0 to 15	N/A	none
1638	1	<i>ted30(7,16)</i>	0 to 255	counts	table
1639	1	<i>ted30(8,16)</i>	0 to 255	counts	table
1640	4	<i>head( 4,1)</i>		nT	0.0001
1644	4	<i>head( 5,1)</i>		nT	0.0001
1648	4	<i>head( 6,1)</i>		nT	0.0001
1652	4	<i>head( 7,1)</i>		nT	0.0001
1656	4	<i>head( 8,1)</i>	0.0 to 180.0	degrees	0.0001
1660	4	<i>head( 9,1)</i>	0.0 to 180.0	degrees	0.0001
1664	4	<i>head(10,1)</i>	0.0 to 180.0	degrees	0.0001
1668	4	<i>head(11,1)</i>	0.0 to 180.0	degrees	0.0001
1672	4	<i>head(12,1)</i>		nT	0.0001
1676	4	<i>head(13,1)</i>		nT	0.0001
1680	4	<i>head(14,1)</i>		nT	0.0001
1684	4	<i>head(15,1)</i>		nT	0.0001
1688	4	<i>head(16,1)</i>	0.0 to 180.0	degrees	0.0001
1692	4	<i>head(17,1)</i>	0.0 to 180.0	degrees	0.0001
1696	4	<i>head(18,1)</i>	0.0 to 180.0	degrees	0.0001
1700	4	<i>head(19,1)</i>	0.0 to 180.0	degrees	0.0001
1704	4	<i>head(20,1)</i>	+90.0 to -90.0	degrees	0.0001
1708	4	<i>head(21,1)</i>	0.0 to 360.0	degrees	0.0001
1712	4	<i>head(22,1)</i>	+90.0 to -90.0	degrees	0.0001
1716	4	<i>head(23,1)</i>	0.0 to 360.0	degrees	0.0001
1720	4	<i>head(24,1)</i>	0.0 to 20.00	N/A	0.0001
1724	4	<i>head(25,1)</i>	+90.0 to -90.0	degrees	0.0001
1728	4	<i>head(26,1)</i>	0.0 to 360.0	degrees	0.0001
1732	4	<i>head(27,1)</i>	0.0 to 360.0	degrees	0.0001
1736	4	<i>head( 4,2)</i>		nT	0.0001
1740	4	<i>head( 5,2)</i>		nT	0.0001
1744	4	<i>head( 6,2)</i>		nT	0.0001
1748	4	<i>head( 7,2)</i>		nT	0.0001
1752	4	<i>head( 8,2)</i>	0.0 to 180.0	degrees	0.0001
1756	4	<i>head( 9,2)</i>	0.0 to 180.0	degrees	0.0001
1760	4	<i>head(10,2)</i>	0.0 to 180.0	degrees	0.0001
1764	4	<i>head(11,2)</i>	0.0 to 180.0	degrees	0.0001
1768	4	<i>head(12,2)</i>		nT	0.0001
1772	4	<i>head(13,2)</i>		nT	0.0001
1776	4	<i>head(14,2)</i>		nT	0.0001
1780	4	<i>head(15,2)</i>		nT	0.0001
1784	4	<i>head(16,2)</i>	0.0 to 180.0	degrees	0.0001
1788	4	<i>head(17,2)</i>	0.0 to 180.0	degrees	0.0001
1792	4	<i>head(18,2)</i>	0.0 to 180.0	degrees	0.0001
1796	4	<i>head(19,2)</i>	0.0 to 180.0	degrees	0.0001
1800	4	<i>head(20,2)</i>	+90.0 to -90.0	degrees	0.0001
1804	4	<i>head(21,2)</i>	0.0 to 360.0	degrees	0.0001
1808	4	<i>head(22,2)</i>	+90.0 to -90.0	degrees	0.0001
1812	4	<i>head(23,2)</i>	0.0 to 360.0	degrees	0.0001
1816	4	<i>head(24,2)</i>	0.0 to 20.00	N/A	0.0001
1820	4	<i>head(25,2)</i>	+90.0 to -90.0	degrees	0.0001
1824	4	<i>head(26,2)</i>	0.0 to 360.0	degrees	0.0001

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
1828	4	<i>head</i> (27,2)	0.0 to 360.0	degrees	0.0001
1832	4	<i>head</i> ( 4,3)		nT	0.0001
1836	4	<i>head</i> ( 5,3)		nT	0.0001
1840	4	<i>head</i> ( 6,3)		nT	0.0001
1844	4	<i>head</i> ( 7,3)		nT	0.0001
1848	4	<i>head</i> ( 8,3)	0.0 to 180.0	degrees	0.0001
1852	4	<i>head</i> ( 9,3)	0.0 to 180.0	degrees	0.0001
1856	4	<i>head</i> (10,3)	0.0 to 180.0	degrees	0.0001
1860	4	<i>head</i> (11,3)	0.0 to 180.0	degrees	0.0001
1864	4	<i>head</i> (12,3)		nT	0.0001
1868	4	<i>head</i> (13,3)		nT	0.0001
1872	4	<i>head</i> (14,3)		nT	0.0001
1876	4	<i>head</i> (15,3)		nT	0.0001
1880	4	<i>head</i> (16,3)	0.0 to 180.0	degrees	0.0001
1884	4	<i>head</i> (17,3)	0.0 to 180.0	degrees	0.0001
1888	4	<i>head</i> (18,3)	0.0 to 180.0	degrees	0.0001
1892	4	<i>head</i> (19,3)	0.0 to 180.0	degrees	0.0001
1896	4	<i>head</i> (20,3)	+90.0 to -90.0	degrees	0.0001
1900	4	<i>head</i> (21,3)	0.0 to 360.0	degrees	0.0001
1904	4	<i>head</i> (22,3)	+90.0 to -90.0	degrees	0.0001
1908	4	<i>head</i> (23,3)	0.0 to 360.0	degrees	0.0001
1912	4	<i>head</i> (24,3)	0.0 to 20.00	N/A	0.0001
1916	4	<i>head</i> (25,3)	+90.0 to -90.0	degrees	0.0001
1920	4	<i>head</i> (26,3)	0.0 to 360.0	degrees	0.0001
1924	4	<i>head</i> (27,3)	0.0 to 360.0	degrees	0.0001
1928	4	<i>head</i> ( 4,4)		nT	0.0001
1932	4	<i>head</i> ( 5,4)		nT	0.0001
1936	4	<i>head</i> ( 6,4)		nT	0.0001
1940	4	<i>head</i> ( 7,4)		nT	0.0001
1944	4	<i>head</i> ( 8,4)	0.0 to 180.0	degrees	0.0001
1948	4	<i>head</i> ( 9,4)	0.0 to 180.0	degrees	0.0001
1952	4	<i>head</i> (10,4)	0.0 to 180.0	degrees	0.0001
1956	4	<i>head</i> (11,4)	0.0 to 180.0	degrees	0.0001
1960	4	<i>head</i> (12,4)		nT	0.0001
1964	4	<i>head</i> (13,4)		nT	0.0001
1968	4	<i>head</i> (14,4)		nT	0.0001
1972	4	<i>head</i> (15,4)		nT	0.0001
1976	4	<i>head</i> (16,4)	0.0 to 180.0	degrees	0.0001
1980	4	<i>head</i> (17,4)	0.0 to 180.0	degrees	0.0001
1984	4	<i>head</i> (18,4)	0.0 to 180.0	degrees	0.0001
1988	4	<i>head</i> (19,4)	0.0 to 180.0	degrees	0.0001
1992	4	<i>head</i> (20,4)	+90.0 to -90.0	degrees	0.0001
1996	4	<i>head</i> (21,4)	0.0 to 360.0	degrees	0.0001
2000	4	<i>head</i> (22,4)	+90.0 to -90.0	degrees	0.0001
2004	4	<i>head</i> (23,4)	0.0 to 360.0	degrees	0.0001
2008	4	<i>head</i> (24,4)	0.0 to 20.00	N/A	0.0001
2012	4	<i>head</i> (25,4)	+90.0 to -90.0	degrees	0.0001
2016	4	<i>head</i> (26,4)	0.0 to 360.0	degrees	0.0001
2020	4	<i>head</i> (27,4)	0.0 to 360.0	degrees	0.0001
2024	1	<i>ted0s</i> (1,1)	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
2025	1	<i>ted0s(2,1)</i>	0 to 255	counts	table
2026	1	<i>ted0s(3,1)</i>	0 to 255	counts	table
2027	1	<i>ted0s(4,1)</i>	0 to 255	counts	table
2028	1	<i>ted0s(5,1)</i>	0 to 255	counts	table
2029	1	<i>ted0s(6,1)</i>	0 to 255	counts	table
2030	1	<i>ted0s(7,1)</i>	0 to 255	counts	table
2031	1	<i>ted0s(8,1)</i>	0 to 255	counts	table
2032	1	<i>ted0s(1,2)</i>	0 to 255	counts	table
2033	1	<i>ted0s(2,2)</i>	0 to 255	counts	table
2034	1	<i>ted0s(3,2)</i>	0 to 255	counts	table
2035	1	<i>ted0s(4,2)</i>	0 to 255	counts	table
2036	1	<i>ted0s(5,2)</i>	0 to 255	counts	table
2037	1	<i>ted0s(6,2)</i>	0 to 255	counts	table
2038	1	<i>ted0s(7,2)</i>	0 to 255	counts	table
2039	1	<i>ted0s(8,2)</i>	0 to 255	counts	table
2040	1	<i>ted0s(1,3)</i>	0 to 255	counts	table
2041	1	<i>ted0s(2,3)</i>	0 to 255	counts	table
2042	1	<i>ted0s(3,3)</i>	0 to 255	counts	table
2043	1	<i>ted0s(4,3)</i>	0 to 255	counts	table
2044	1	<i>ted0s(5,3)</i>	0 to 255	counts	table
2045	1	<i>ted0s(6,3)</i>	0 to 255	counts	table
2046	1	<i>ted0s(7,3)</i>	0 to 255	counts	table
2047	1	<i>ted0s(8,3)</i>	0 to 255	counts	table
2048	1	<i>ted0s(1,4)</i>	0 to 255	counts	table
2049	1	<i>ted0s(2,4)</i>	0 to 255	counts	table
2050	1	<i>ted0s(3,4)</i>	0 to 255	counts	table
2051	1	<i>ted0s(4,4)</i>	0 to 255	counts	table
2052	1	ignore entry			
2053	1	ignore entry			
2054	1	ignore entry			
2055	1	ignore entry			
2056	1	<i>tedback(1,1)</i>	0 to 255	counts	table
2057	1	<i>tedback(1,2)</i>	0 to 255	counts	table
2058	1	<i>tedback(1,3)</i>	0 to 255	counts	table
2059	1	<i>tedback(1,4)</i>	0 to 255	counts	table
2060	1	<i>ted30s(1,1)</i>	0 to 255	counts	table
2061	1	<i>ted30s(2,1)</i>	0 to 255	counts	table
2062	1	<i>ted30s(3,1)</i>	0 to 255	counts	table
2063	1	<i>ted30s(4,1)</i>	0 to 255	counts	table
2064	1	<i>ted30s(5,1)</i>	0 to 255	counts	table
2065	1	<i>ted30s(6,1)</i>	0 to 255	counts	table
2066	1	<i>ted30s(7,1)</i>	0 to 255	counts	table
2067	1	<i>ted30s(8,1)</i>	0 to 255	counts	table
2068	1	<i>ted30s(1,2)</i>	0 to 255	counts	table
2069	1	<i>ted30s(2,2)</i>	0 to 255	counts	table
2070	1	<i>ted30s(3,2)</i>	0 to 255	counts	table
2071	1	<i>ted30s(4,2)</i>	0 to 255	counts	table
2072	1	<i>ted30s(5,2)</i>	0 to 255	counts	table
2073	1	<i>ted30s(6,2)</i>	0 to 255	counts	table
2074	1	<i>ted30s(7,2)</i>	0 to 255	counts	table

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
2075	1	<i>ted30s</i> (8,2)	0 to 255	counts	table
2076	1	<i>ted30s</i> (1,3)	0 to 255	counts	table
2077	1	<i>ted30s</i> (2,3)	0 to 255	counts	table
2078	1	<i>ted30s</i> (3,3)	0 to 255	counts	table
2079	1	<i>ted30s</i> (4,3)	0 to 255	counts	table
2080	1	<i>ted30s</i> (5,3)	0 to 255	counts	table
2081	1	<i>ted30s</i> (6,3)	0 to 255	counts	table
2082	1	<i>ted30s</i> (7,3)	0 to 255	counts	table
2083	1	<i>ted30s</i> (8,3)	0 to 255	counts	table
2084	1	<i>ted30s</i> (1,4)	0 to 255	counts	table
2085	1	<i>ted30s</i> (2,4)	0 to 255	counts	table
2086	1	<i>ted30s</i> (3,4)	0 to 255	counts	table
2087	1	<i>ted30s</i> (4,4)	0 to 255	counts	table
2088	1	ignore entry			
2089	1	ignore entry			
2090	1	ignore entry			
2091	1	ignore entry			
2092	1	<i>tedback</i> (2,1)	0 to 255	counts	table
2093	1	<i>tedback</i> (2,2)	0 to 255	counts	table
2094	1	<i>tedback</i> (2,3)	0 to 255	counts	table
2095	1	<i>tedback</i> (2,4)	0 to 255	counts	table
2096	4	<i>tedfx</i> (1, 1)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2100	4	<i>tedfx</i> (1, 2)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2104	4	<i>tedfx</i> (1, 3)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2108	4	<i>tedfx</i> (1, 4)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2112	4	<i>tedfx</i> (2, 1)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2116	4	<i>tedfx</i> (2, 2)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2120	4	<i>tedfx</i> (2, 3)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2124	4	<i>tedfx</i> (2, 4)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2128	4	<i>tedfx</i> (3, 1)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2132	4	<i>tedfx</i> (3, 2)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2136	4	<i>tedfx</i> (3, 3)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2140	4	<i>tedfx</i> (3, 4)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2144	4	<i>tedfx</i> (4, 1)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2148	4	<i>tedfx</i> (4, 2)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2152	4	<i>tedfx</i> (4, 3)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2156	4	<i>tedfx</i> (4, 4)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2160	4	<i>tedfx</i> (5, 1)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2164	4	<i>tedfx</i> (5, 2)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2168	4	<i>tedfx</i> (5, 3)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2172	4	<i>tedfx</i> (5, 4)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2176	4	<i>tedfx</i> (6, 1)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2180	4	<i>tedfx</i> (6, 2)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2184	4	<i>tedfx</i> (6, 3)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2188	4	<i>tedfx</i> (6, 4)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2192	4	<i>tedfx</i> (7, 1)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2196	4	<i>tedfx</i> (7, 2)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2200	4	<i>tedfx</i> (7, 3)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2204	4	<i>tedfx</i> (7, 4)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2208	4	<i>tedfx</i> (1, 5)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
2212	4	<i>tedfx</i> (1, 6)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2216	4	<i>tedfx</i> (1, 7)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2220	4	<i>tedfx</i> (1, 8)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2224	4	<i>tedfx</i> (2, 5)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2228	4	<i>tedfx</i> (2, 6)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2322	4	<i>tedfx</i> (2, 7)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2236	4	<i>tedfx</i> (2, 8)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2240	4	<i>tedfx</i> (3, 5)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2244	4	<i>tedfx</i> (3, 6)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2248	4	<i>tedfx</i> (3, 7)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2252	4	<i>tedfx</i> (3, 8)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2256	4	<i>tedfx</i> (4, 5)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2260	4	<i>tedfx</i> (4, 6)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2264	4	<i>tedfx</i> (4, 7)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2268	4	<i>tedfx</i> (4, 8)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2272	4	<i>tedfx</i> (5, 5)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2276	4	<i>tedfx</i> (5, 6)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2280	4	<i>tedfx</i> (5, 7)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2284	4	<i>tedfx</i> (5, 8)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2288	4	<i>tedfx</i> (6, 5)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2292	4	<i>tedfx</i> (6, 6)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2296	4	<i>tedfx</i> (6, 7)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2300	4	<i>tedfx</i> (6, 8)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2304	4	<i>tedfx</i> (7, 5)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2308	4	<i>tedfx</i> (7, 6)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2312	4	<i>tedfx</i> (7, 7)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2316	4	<i>tedfx</i> (7, 8)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2320	4	<i>tedfx</i> (1, 9)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2324	4	<i>tedfx</i> (1,10)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2328	4	<i>tedfx</i> (1,11)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2332	4	<i>tedfx</i> (1,12)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2336	4	<i>tedfx</i> (2, 9)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2340	4	<i>tedfx</i> (2,10)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2344	4	<i>tedfx</i> (2,11)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2348	4	<i>tedfx</i> (2,12)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2352	4	<i>tedfx</i> (3, 9)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2356	4	<i>tedfx</i> (3,10)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2360	4	<i>tedfx</i> (3,11)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2364	4	<i>tedfx</i> (3,12)	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2368	4	<i>tedfx</i> (4, 9)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2372	4	<i>tedfx</i> (4,10)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2376	4	<i>tedfx</i> (4,11)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2380	4	<i>tedfx</i> (4,12)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2384	4	<i>tedfx</i> (5, 9)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2388	4	<i>tedfx</i> (5,10)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2392	4	<i>tedfx</i> (5,11)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2396	4	<i>tedfx</i> (5,12)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2400	4	<i>tedfx</i> (6, 9)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2404	4	<i>tedfx</i> (6,10)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2408	4	<i>tedfx</i> (6,11)	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001

Packed		Unpacked Parameter	Range	Units	Conversion Factor
Byte Number	Len				
2412	4	<i>tedfx(6,12)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2416	4	<i>tedfx(7, 9)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2420	4	<i>tedfx(7,10)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2424	4	<i>tedfx(7,11)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2428	4	<i>tedfx(7,12)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2432	4	<i>tedfx(1,13)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2436	4	<i>tedfx(1,14)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2440	4	<i>tedfx(1,15)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2444	4	<i>tedfx(1,16)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2448	4	<i>tedfx(2,13)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2452	4	<i>tedfx(2,14)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2456	4	<i>tedfx(2,15)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2460	4	<i>tedfx(2,16)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2464	4	<i>tedfx(3,13)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2468	4	<i>tedfx(3,14)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2472	4	<i>tedfx(3,15)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2476	4	<i>tedfx(3,16)</i>	0.0 to ~ 20.	mW m <sup>-2</sup>	0.0001
2480	4	<i>tedfx(4,13)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2484	4	<i>tedfx(4,14)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2488	4	<i>tedfx(4,15)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2492	4	<i>tedfx(4,16)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2496	4	<i>tedfx(5,13)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2500	4	<i>tedfx(5,14)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2504	4	<i>tedfx(5,15)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2508	4	<i>tedfx(5,16)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2512	4	<i>tedfx(6,13)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2516	4	<i>tedfx(6,14)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2520	4	<i>tedfx(6,15)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2524	4	<i>tedfx(6,16)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2528	4	<i>tedfx(7,13)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2532	4	<i>tedfx(7,14)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2536	4	<i>tedfx(7,15)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
2540	4	<i>tedfx(7,16)</i>	0.0 to ~ 300.	mW m <sup>-2</sup>	0.0001
<b>2544</b>		<b>TOTAL</b>			

\* 0 = no errors  
| 0x80 = missing value  
| 0x10 lower channels have higher values than higher channels  
| 0x20 = ted band is > maximum intensity  
| 0x40 = sensor response energy flux integral