

TABLE C—4—NIHOA ISLAND—Continued

Point	Latitude (N)	Longitude (W)
60	22°33'.28	162°38'.61
61	22°37'.47	162°41'.72
62	22°41'.93	162°44'.34
63	22°46'.63	162°46'.47
64	22°51'.48	162°48'.05
65	22°56'.46	162°49'.09
66	23°01'.50	162°49'.58
67	23°06'.58	162°49'.49
68	23°11'.61	162°48'.89
69	23°16'.57	162°47'.70
70	23°21'.36	162°45'.98
71	23°26'.02	162°43'.75
72	23°30'.40	162°41'.01
73	23°34'.51	162°37'.83
74	23°38'.26	162°34'.18
75	23°41'.69	162°30'.18
76	23°44'.72	162°25'.79
77	23°47'.36	162°21'.11
78	23°49'.55	162°16'.16
79	23°51'.24	162°10'.99
80	23°52'.44	162°05'.63
81	23°53'.14	162°00'.25
82	23°53'.36	161°54'.75
83	23°53'.09	161°49'.28
84	23°52'.82	161°47'.09
85	23°52'.39	161°44'.67

[73 FR 73599, Dec. 3, 2008]

APPENDIX D TO PART 404—BOUNDARY COORDINATES FOR PAPAĀNAUMOKUĀKEA MARINE NATIONAL MONUMENT SHIP REPORTING AREA

APPENDIX D—GEOGRAPHICAL COORDINATES

Ship Reporting Area

Papahānaumokuākea Marine National Monument

Reference chart: United States 540, 2008 edition; 19016, 2008 edition; 19019, 2008 edition; 19022, 2008 edition.

These charts are based on World Geodetic System 1984 Datum (WGS-84) and astronomic datum.

TABLE D—1—OUTER BOUNDARY

Point	Latitude (N)	Longitude (W)
1	29°25'.47	178°16'.97
2	28°43'.73	175°13'.84
3	27°00'.77	173°25'.78
4	26°44'.91	171°28'.07
5	26°24'.23	170°20'.59
6	25°56'.43	167°32'.10
7	24°50'.20	165°58'.69
8	24°05'.52	161°56'.86
9	24°05'.29	161°56'.62
10	24°04'.37	161°51'.53
11	24°03'.44	161°46'.45
12	24°02'.41	161°41'.39
13	24°01'.31	161°36'.35
14	23°59'.68	161°31'.55
15	23°57'.85	161°26'.85
16	23°55'.54	161°22'.31

TABLE D—1—OUTER BOUNDARY—Continued

Point	Latitude (N)	Longitude (W)
17	23°52'.96	161°17'.92
18	23°50'.12	161°13'.72
19	23°46'.94	161°10'.08
20	23°43'.49	161°06'.47
21	23°39'.71	161°03'.09
22	23°35'.72	161°00'.14
23	23°31'.59	160°57'.46
24	23°27'.32	160°55'.23
25	23°22'.74	160°53'.71
26	23°18'.29	160°52'.17
27	23°13'.57	160°51'.04
28	23°08'.68	160°50'.46
29	23°03'.70	160°50'.17
30	22°58'.67	160°50'.35
31	22°53'.84	160°51'.04
32	22°49'.11	160°52'.20
33	22°44'.46	160°53'.56
34	22°40'.03	160°55'.52
35	22°35'.73	160°57'.68
36	22°31'.54	161°00'.25
37	22°27'.57	161°03'.23
38	22°23'.76	161°06'.64
39	22°20'.24	161°10'.23
40	22°17'.02	161°14'.13
41	22°14'.04	161°18'.34
42	22°11'.35	161°22'.80
43	22°09'.19	161°27'.45
44	22°07'.29	161°32'.11
45	22°05'.87	161°36'.94
46	22°04'.62	161°41'.89
47	22°03'.94	161°47'.09
48	22°03'.41	161°52'.36
49	22°03'.41	161°57'.51
50	22°03'.82	162°02'.83
51	22°04'.49	162°08'.04
52	22°05'.43	162°13'.12
53	22°05'.97	162°16'.41
54	22°06'.29	162°16'.85
55	22°34'.57	164°47'.27
56	22°47'.60	166°38'.23
57	24°03'.82	168°27'.91
58	24°25'.76	170°45'.39
59	24°46'.54	171°53'.03
60	25°07'.60	174°28'.71
61	27°05'.82	176°35'.51
62	27°27'.32	178°38'.66
63	27°28'.93	178°43'.56
64	27°30'.64	178°48'.40
65	27°32'.74	178°52'.96
66	27°35'.06	178°57'.30
67	27°37'.89	179°01'.49
68	27°40'.90	179°05'.60
69	27°44'.17	179°09'.41
70	27°47'.74	179°12'.85
71	27°51'.45	179°16'.00
72	27°55'.32	179°18'.82
73	27°59'.33	179°21'.13
74	28°03'.49	179°23'.15
75	28°07'.82	179°24'.76
76	28°12'.31	179°26'.18
77	28°16'.95	179°27'.05
78	28°21'.61	179°27'.63
79	28°26'.18	179°27'.77
80	28°30'.87	179°27'.48
81	28°35'.61	179°26'.95
82	28°40'.09	179°25'.75
83	28°44'.46	179°24'.31
84	28°48'.70	179°22'.50
85	28°52'.81	179°20'.43
86	28°56'.71	179°17'.77
87	29°00'.58	179°14'.92
88	29°04'.18	179°11'.69

Pt. 404, App. D

50 CFR Ch. IV (10–1–13 Edition)

TABLE D–1—OUTER BOUNDARY—Continued

Point	Latitude (N)	Longitude (W)
89	29°07'.62	179°08'.20
90	29°10'.86	179°04'.37
91	29°13'.76	179°00'.21
92	29°16'.24	178°55'.78
93	29°18'.51	178°51'.26
94	29°20'.45	178°46'.50
95	29°22'.26	178°41'.67
96	29°23'.52	178°36'.64
97	29°24'.53	178°31'.54
98	29°25'.16	178°26'.31
99	29°25'.42	178°20'.92
100	29°25'.29	178°16'.70

TABLE D–2—INNER BOUNDARY AROUND KURE ATOLL, MIDWAY ATOLL, AND PEARL AND HERMES ATOLL

Point	Latitude (N)	Longitude (W)
1	27°14'.76	176°29'.87
2	27°24'.95	177°33'.31
3	27°35'.87	178°29'.90
4	27°36'.64	178°33'.93
5	27°37'.53	178°37'.32
6	27°38'.60	178°40'.65
7	27°39'.85	178°43'.90
8	27°41'.28	178°47'.05
9	27°42'.89	178°50'.10
10	27°44'.66	178°53'.03
11	27°46'.59	178°55'.83
12	27°48'.67	178°58'.49
13	27°50'.89	179°01'.00
14	27°53'.22	179°03'.39
15	27°55'.69	179°05'.61
16	27°58'.29	179°07'.61
17	28°01'.01	179°09'.47
18	28°03'.81	179°11'.10
19	28°06'.71	179°12'.53
20	28°09'.67	179°13'.75
21	28°12'.70	179°14'.75
22	28°15'.78	179°15'.54
23	28°18'.91	179°16'.11
24	28°22'.04	179°16'.45
25	28°24'.72	179°16'.56
26	28°25'.20	179°16'.57
27	28°25'.81	179°16'.56
28	28°28'.35	179°16'.44
29	28°31'.49	179°16'.10
30	28°34'.61	179°15'.54
31	28°37'.69	179°14'.75
32	28°40'.71	179°13'.74
33	28°43'.68	179°12'.54
34	28°46'.58	179°11'.13
35	28°49'.39	179°09'.52
36	28°52'.11	179°07'.70
37	28°54'.72	179°05'.70
38	28°57'.21	179°03'.51
39	28°59'.58	179°01'.15
40	29°01'.81	178°58'.62
41	29°03'.90	178°55'.93
42	29°05'.83	178°53'.10
43	29°07'.60	178°50'.13
44	29°09'.21	178°47'.04
45	29°10'.64	178°43'.84
46	29°11'.89	178°40'.54
47	29°12'.95	178°37'.16
48	29°13'.82	178°33'.71
49	29°14'.50	178°30'.21
50	29°14'.99	178°26'.66
51	29°15'.28	178°23'.08
52	29°15'.36	178°19'.49

TABLE D–2—INNER BOUNDARY AROUND KURE ATOLL, MIDWAY ATOLL, AND PEARL AND HERMES ATOLL—Continued

Point	Latitude (N)	Longitude (W)
53	29°15'.25	178°15'.90
54	29°14'.94	178°12'.32
55	29°14'.43	178°08'.78
56	29°03'.47	177°12'.07
57	29°02'.55	177°07'.29
58	28°38'.96	175°35'.47
59	28°38'.67	175°34'.35
60	28°34'.91	175°19'.74
61	28°26'.24	175°10'.65
62	28°24'.61	175°08'.95
63	28°24'.53	175°09'.04
64	28°20'.09	175°04'.91
65	28°16'.05	175°01'.92
66	28°11'.78	174°59'.33
67	28°07'.29	174°57'.23
68	28°02'.63	174°55'.68
69	27°57'.84	174°54'.62
70	27°53'.01	174°54'.05
71	27°48'.12	174°54'.05
72	27°43'.28	174°54'.62
73	27°38'.48	174°55'.71
74	27°33'.81	174°57'.32
75	27°29'.30	174°59'.43
76	27°25'.00	175°02'.03
77	27°20'.93	175°05'.07
78	27°17'.18	175°08'.59
79	27°13'.73	175°12'.47
80	27°10'.59	175°16'.67
81	27°07'.88	175°21'.25
82	27°05'.57	175°26'.09
83	27°03'.66	175°31'.15
84	27°02'.22	175°36'.40
85	27°01'.29	175°41'.78
86	27°00'.73	175°47'.22
87	27°00'.68	175°52'.74
88	27°01'.09	175°58'.16
89	27°01'.99	176°03'.53
90	27°03'.34	176°08'.81
91	27°05'.12	176°13'.91
92	27°07'.37	176°18'.79
93	27°09'.98	176°23'.40
94	27°13'.02	176°27'.74
95	27°13'.77	176°28'.70

TABLE D–3—INNER BOUNDARY AROUND LISIANSKI ISLAND, LAYSAN ISLAND, MARO REEF, AND RAITA BANK

Point	Latitude (N)	Longitude (W)
1	26°50'.89	173°30'.79
2	26°36'.00	171°37'.70
3	26°35'.49	171°33'.84
4	26°35'.10	171°30'.84
5	26°34'.07	171°27'.50
6	26°33'.35	171°25'.16
7	26°14'.26	170°23'.04
8	26°08'.69	169°48'.96
9	26°08'.36	169°49'.03
10	26°07'.62	169°45'.83
11	26°06'.03	169°40'.57
12	26°03'.97	169°35'.64
13	26°01'.51	169°30'.91
14	25°58'.65	169°26'.45
15	25°55'.32	169°22'.34
16	25°51'.67	169°18'.60
17	25°47'.78	169°15'.19
18	25°43'.54	169°12'.34

TABLE D-3—INNER BOUNDARY AROUND LISIANSKI ISLAND, LAYSAN ISLAND, MARO REEF, AND RAITA BANK—Continued

Point	Latitude (N)	Longitude (W)
19	25°39'.05	169°09'.93
20	25°34'.37	169°08'.08
21	25°29'.54	169°06'.76
22	25°24'.61	169°05'.93
23	25°19'.63	169°05'.64
24	25°14'.65	169°05'.93
25	25°09'.69	169°06'.66
26	25°04'.85	169°08'.02
27	25°00'.17	169°09'.96
28	24°55'.66	169°12'.35
29	24°51'.35	169°15'.14
30	24°47'.37	169°18'.48
31	24°43'.69	169°22'.22
32	24°40'.34	169°26'.31
33	24°37'.42	169°30'.78
34	24°35'.00	169°35'.64
35	24°33'.02	169°40'.66
36	24°31'.34	169°45'.88
37	24°30'.31	169°51'.08
38	24°29'.68	169°56'.53
39	24°29'.56	170°01'.81
40	24°29'.61	170°04'.57
41	24°35'.77	170°44'.39
42	24°36'.29	170°47'.58
43	24°37'.18	170°50'.37
44	24°37'.76	170°52'.17
45	24°56'.23	171°50'.19
46	25°16'.61	174°24'.84
47	25°29'.56	174°38'.45
48	25°33'.28	174°42'.03
49	25°37'.33	174°45'.20
50	25°41'.68	174°47'.84
51	25°46'.23	174°50'.05
52	25°50'.93	174°51'.77
53	25°55'.80	174°52'.91
54	26°00'.71	174°53'.47
55	26°05'.67	174°53'.61
56	26°10'.59	174°53'.07
57	26°15'.46	174°52'.08
58	26°20'.20	174°50'.57
59	26°24'.75	174°48'.44
60	26°29'.15	174°45'.94
61	26°33'.26	174°42'.96
62	26°37'.11	174°39'.49
63	26°40'.60	174°35'.63
64	26°43'.75	174°31'.43
65	26°46'.49	174°26'.87
66	26°48'.90	174°22'.09
67	26°50'.79	174°17'.03
68	26°52'.20	174°11'.79
69	26°53'.21	174°06'.43
70	26°53'.74	174°00'.98
71	26°53'.74	173°55'.48
72	26°53'.29	173°50'.02
73	26°52'.56	173°44'.58
74	26°51'.85	173°39'.14
75	26°51'.13	173°33'.69
76	26°50'.75	173°30'.87

TABLE D-4—INNER BOUNDARY AROUND GARDNER PINNACLES, FRENCH FRIGATE SHOALS, AND NECKER ISLAND

Point	Latitude (N)	Longitude (W)
1	25°49'.64	167°52'.66
2	25°49'.70	167°52'.65
3	25°48'.99	167°48'.35

TABLE D-4—INNER BOUNDARY AROUND GARDNER PINNACLES, FRENCH FRIGATE SHOALS, AND NECKER ISLAND—Continued

Point	Latitude (N)	Longitude (W)
4	25°47'.09	167°36'.72
5	25°39'.84	167°26'.48
6	25°35'.10	167°19'.79
7	25°10'.43	166°45'.00
8	24°40'.91	166°03'.36
9	24°35'.64	165°34'.99
10	24°23'.78	164°31'.12
11	24°23'.59	164°31'.14
12	24°23'.31	164°29'.74
13	24°21'.85	164°24'.52
14	24°20'.10	164°19'.39
15	24°17'.75	164°14'.56
16	24°14'.99	164°09'.97
17	24°11'.86	164°05'.69
18	24°08'.30	164°01'.80
19	24°04'.48	163°58'.23
20	24°00'.27	163°55'.22
21	23°55'.85	163°52'.59
22	23°51'.17	163°50'.56
23	23°46'.33	163°48'.98
24	23°41'.37	163°47'.99
25	23°36'.34	163°47'.56
26	23°31'.27	163°47'.60
27	23°26'.27	163°48'.28
28	23°21'.34	163°49'.50
29	23°16'.53	163°51'.14
30	23°11'.96	163°53'.47
31	23°07'.54	163°56'.15
32	23°03'.46	163°59'.38
33	22°59'.65	164°03'.01
34	22°56'.27	164°07'.10
35	22°53'.22	164°11'.49
36	22°50'.60	164°16'.18
37	22°48'.48	164°21'.16
38	22°46'.73	164°26'.28
39	22°45'.49	164°31'.60
40	22°44'.83	164°37'.03
41	22°44'.65	164°42'.51
42	22°44'.92	164°47'.99
43	22°45'.11	164°49'.52
44	22°45'.39	164°51'.48
45	22°45'.17	164°51'.53
46	22°50'.26	165°34'.99
47	22°55'.50	166°19'.63
48	22°55'.93	166°23'.32
49	22°57'.41	166°36'.00
50	23°03'.75	166°45'.00
51	23°05'.48	166°47'.45
52	24°12'.70	168°22'.86
53	24°12'.88	168°22'.78
54	24°16'.05	168°27'.28
55	24°19'.15	168°31'.66
56	24°22'.27	168°35'.95
57	24°25'.71	168°39'.94
58	24°29'.51	168°43'.55
59	24°33'.67	168°46'.63
60	24°38'.06	168°49'.29
61	24°42'.68	168°51'.46
62	24°47'.45	168°53'.12
63	24°52'.34	168°54'.28
64	24°57'.32	168°54'.82
65	25°02'.32	168°54'.95
66	25°07'.30	168°54'.43
67	25°12'.19	168°53'.32
68	25°16'.99	168°51'.76
69	25°21'.57	168°49'.60
70	25°25'.94	168°46'.93
71	25°30'.09	168°43'.86
72	25°33'.89	168°40'.42
73	25°37'.37	168°36'.52

Pt. 404, App. E

50 CFR Ch. IV (10–1–13 Edition)

TABLE D–4—INNER BOUNDARY AROUND GARDNER PINNACLES, FRENCH FRIGATE SHOALS, AND NECKER ISLAND—Continued

Point	Latitude (N)	Longitude (W)
74	25°40'.49	168°32'.24
75	25°43'.24	168°27'.68
76	25°45'.57	168°22'.82
77	25°47'.43	168°17'.76
78	25°48'.79	168°12'.47
79	25°49'.72	168°07'.09
80	25°50'.11	168°01'.62
81	25°50'.18	168°00'.09

TABLE D–5—INNER BOUNDARY AROUND NIHOA ISLAND

Point	Latitude (N)	Longitude (W)
1	23°52'.82	161°44'.54
2	23°52'.10	161°41'.20
3	23°51'.18	161°37'.92
4	23°50'.08	161°34'.71
5	23°48'.79	161°31'.58
6	23°47'.33	161°28'.55
7	23°45'.69	161°25'.62
8	23°43'.88	161°22'.81
9	23°41'.92	161°20'.13
10	23°39'.80	161°17'.60
11	23°37'.54	161°15'.21
12	23°35'.14	161°12'.99
13	23°32'.62	161°10'.93
14	23°29'.99	161°09'.05
15	23°27'.25	161°07'.35
16	23°24'.42	161°05'.85
17	23°21'.51	161°04'.54
18	23°18'.52	161°03'.43
19	23°15'.48	161°02'.53
20	23°12'.39	161°01'.84
21	23°09'.27	161°01'.35
22	23°06'.13	161°01'.09
23	23°02'.97	161°01'.03
24	22°59'.82	161°01'.19
25	22°56'.69	161°01'.57
26	22°53'.58	161°02'.15
27	22°50'.51	161°02'.95
28	22°47'.50	161°03'.95
29	22°44'.55	161°05'.15
30	22°41'.67	161°06'.54
31	22°38'.88	161°08'.13
32	22°36'.19	161°09'.90
33	22°33'.61	161°11'.85
34	22°31'.14	161°13'.97
35	22°28'.81	161°16'.25
36	22°26'.61	161°18'.69
37	22°24'.56	161°21'.26
38	22°22'.66	161°23'.97
39	22°20'.92	161°26'.80
40	22°19'.35	161°29'.74
41	22°17'.95	161°32'.78
42	22°16'.73	161°35'.90
43	22°15'.70	161°39'.10
44	22°14'.85	161°42'.37
45	22°14'.20	161°45'.68
46	22°13'.73	161°49'.03
47	22°13'.47	161°52'.41
48	22°13'.40	161°55'.80
49	22°13'.53	161°59'.18
50	22°13'.85	162°02'.55

TABLE D–5—INNER BOUNDARY AROUND NIHOA ISLAND—Continued

Point	Latitude (N)	Longitude (W)
51	22°14'.31	162°05'.45
52	22°14'.37	162°05'.89
53	22°14'.59	162°06'.88
54	22°15'.87	162°12'.18
55	22°17'.70	162°17'.31
56	22°19'.97	162°22'.20
57	22°22'.73	162°26'.84
58	22°25'.88	162°31'.15
59	22°29'.41	162°35'.09
60	22°33'.28	162°38'.61
61	22°37'.47	162°41'.72
62	22°41'.93	162°44'.34
63	22°46'.63	162°46'.47
64	22°51'.48	162°48'.05
65	22°56'.46	162°49'.09
66	23°01'.50	162°49'.58
67	23°06'.58	162°49'.49
68	23°11'.61	162°48'.89
69	23°16'.57	162°47'.70
70	23°21'.36	162°45'.98
71	23°26'.02	162°43'.75
72	23°30'.40	162°41'.01
73	23°34'.51	162°37'.83
74	23°38'.26	162°34'.18
75	23°41'.69	162°30'.18
76	23°44'.72	162°25'.79
77	23°47'.36	162°21'.11
78	23°49'.55	162°16'.16
79	23°51'.24	162°10'.99
80	23°52'.44	162°05'.63
81	23°53'.14	162°00'.25
82	23°53'.36	161°54'.75
83	23°53'.09	161°49'.28
84	23°52'.82	161°47'.09
85	23°52'.39	161°44'.67

[73 FR 73601, Dec. 3, 2008]

APPENDIX E TO PART 404—CONTENT AND SYNTAX FOR PAPAHAŌNAUMOKUĀKEA SHIP REPORTING SYSTEM

Immediately upon crossing the reporting area boundary, notification should be sent as a direct e-mail to nwhi.notifications@noaa.gov in the prescribed format and data syntax shown. Use of batch message routing services which may delay receipt of a report should not be used. Failure to follow the exact format (e.g., extra information, extraneous characters, or double spacing) may cause the automated computer system to reject your report.

NOTE Report transmission costs via INMARSAT-C will be assumed by NOAA.

E.1 ENTRY NOTIFICATION FORMAT

Immediately upon entering the Reporting Area, vessels required to participate must provide the following information.