

[1]

APPENDIX No. 3

AIRCRAFT WARNING SERVICE (See also HAWAIIAN DEFENSE PROJECTS; RECONNAISSANCE; and related titles.)

-An Army function.....	Kimmel 1743 Kimmel 1745 Short 367-368
-Attempt to expedite by Short.....	Davidson 4150 Fleming 1271 Fleming 1330-1331 Short 503 Wyman 3420 Wyman 3536 Wyman 3576
--Contra.....	Davidson 4142 Phillips 1246 Perliter 3713 Wyman 3574
-Considered most important project.....	Hannum 2064-2065 Kimmel 1768 McMorris 2880 Short 326 Stimson 4065
--Contra.....	Fleming 1330-1331 Powell 3911
-Construction by District Engineer.....	Phillips 1244 Short 500-501 Wyman 3572
-Continuous operation not reported to Navy.....	Bellinger 1638 Bloch 1503 Short 484
-Contract, Wyman arranged.....	Hayes 273
-Degree completed 7 December.....	Burton 883 Lockard 1030 Marston 3129 Rafter 787-789 Reybold 587-589 Reybold 624-625 Robins 709-710 Tillman 2149-2151 Wong 3680 Wyman 3438
[2]-Delays, causes of.....	Wyman 3440-3441 AFF-Wyman 3867 AFF-Wyman 3871 AAF-Wyman 3873 Bartlett 2510 Bergquist 1190 Bergquist 1218 Burton 884 Colton 678 DeLany 1716-1717 Fleming 1261-1262 Fleming 1268-1270 Fleming 1273-1274 Fleming 1275-1276 Hayes 270-271 Marston 3128 Marston 3130 Marston 3133

AIRCRAFT WARNING SERVICE—Continued

-Delays, causes of.....	Marston 3143 Phillips 1144 Powell 3886 Powell 3893 Powell 3901 Powell 3905 Reybold 571-573 Reybold 623 Robins 711 Robins 728 Schley 654 Short 497 Short 509 Tillman 2136-2137 Tillman 2151-2152 Wyman 3431-3432 Wyman 3440 Wyman 3573
--Arrival of equipment.....	Davidson 4127 Short 485
--Diversion of equipment.....	Colton 679 Colton 682-685
--Not by Washington.....	Fleming 1341 Powell 3892
---Contra.....	Hannum 2058-2059 Marston 3132 Marston 3135 Perlter 3703 Short 4433 Wyman 3436-3437 Wyman 3441-3443 Wyman 3519
[3] --Not contractors.....	Martin 1890 Phillips 1153 Wyman 3445
--Not lack of personnel.....	Davidson 4142 Fleming 1317-1318
---Contra.....	Elliott 1011 Marston 3130
--Personnel difficulties.....	Hunt 774 Kestly 3669 Perlter 3711 Wyman 3415-3417
-Difficulties of permanent erection and location.....	Bergquist 1194 Bergquist 1220 Fleming 1257 Fleming 1260-1261 Fleming 1266-1267 Marston 3155 Mollison 813 Powell 3887 Reybold 582 Reybold 605 Reybold 619 Short 297 Short 498 Tillman 2136
-Effort to get functioning.....	Bergquist 1192-1193 Bergquist 1195-1196 Bergquist 1198 Bergquist 1201 Bergquist 1204 Davidson 4133

AIRCRAFT WARNING SERVICE—Continued

-Effort to get functioning.....	DeLany 1716 Reybold 593 Reybold 603 Short 356 Stimson 4064 Stimson 4073 Taylor 1076 Tillman 2149 Wyman 3428 Wyman 3431 Wyman 3444
-Equipment present, except cables.....	Short 497-498 Short 511 Wyman 3439
[4] -Fixed, equipment delivered October 1941..	Fleming 1259
-Funds allotted.....	Short 464
-Haleakala Job Order 41.0.....	Rafter 782
-Higher command, not AWS-minded.....	Bellinger 1640 Bergquist 1193 Taylor 1084 Tindal 4498 Tindal 4500
--Highest priority.....	Short 505
--Contra.....	Tillman 2137-2138 Wyman 3427 Wyman 3428-3429 Wyman 3567
-Information Center.....	Davidson 4141
--In general.....	Bergquist 1191 Colton 685-689 DeLany 1716 Kimmel 1790-1791 Loekard 1025 Loekard 1026-1028 Martin 1824 McDonald 4156 Perliter 3714 Rudolph 1235 Taylor 1073-1075 Taylor 1077-1079 Taylor 1084 Taylor 1093 Tyler 1095-1098
--Communications with stations, not good.	Bergquist 1201
--Development of.....	Bergquist 1210-1214 Davidson 4127 McDonald 4153 Tindal 4491 Wyman 3433
--Functioning.....	Colton 693 McDonald 4158-4159 Powell 3900 Short 491 Tindal 4497
[5] --Naval liaison requested.....	Bergquist 1192-1193 Bergquist 1213-1214 Davidson 4131 Powell 3906 Short 493 Taylor 1089

AIRCRAFT WARNING SERVICE—Continued

-Interceptor Command.....	Bergquist 1186-1187 Bergquist 1205 Bergquist 1214 Bergquist 1216 Burgin 2603 Burgin 2604-2605 Burgin 2634 Hayes 273 Martin 1823 Phillips 1146 Powell 3910 Short 371 Short 381 Short 400 Short 489-490 Short 525 Tindal 4428
--Activated 17 December.....	Davidson 4136 Martin 1825 Powell 3907 Short 495
--Contra.....	Powell 3907
--Air Force cooperation.....	Burgin 2643 Short 495
--Jealousy, Signal and Air Corps.....	Bergquist 1217
--Navy should know from Lt. Burr.....	Burgin 2634-2635 Short 495
--"No definite organization".....	Short 495
-Job Order for Mt. Kaala Road.....	Kestly 3666 Rafter 781 Wyman 3554
-Job Orders, summary.....	Rafter 781-789
-Job Order 23.1.....	Reybold 570
-Kokee Job Orders 23.0, 23.1.....	Rafter 782
[6] -Missing equipment.....	Powell 3910 Short 509-511
-Mobile equipment, all arrived (Jul 41).....	Fleming 1260 Powell 3886 Short 499 Short 509-510
-Mobile stations used as soon as received.....	Davidson 4146 Lockard 1016 Mollison 814 Short 298
--Contra.....	Bergquist 1202 Powell 3886
-Navy assistance, Commander Taylor.....	Bergquist 1192 Davidson 4145 DeLany 1715 Kimmel 1785-1786 Phillips 1156 Powell 3907 Powell 3911 Short 484 Taylor 1072
-Navy assisted.....	Kimmel 1785
--Contra.....	Powell 3906 Powell 3909
-Navy liaison officer, Lt. Burr.....	Bergquist 1192-1193 Bloch 1503-A Burr 3067-3068 Donegan 1933-1934 Kimmel 1786-1788 Murray 3095 Phillips 1241-1242 Short 484

3276 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

AIRCRAFT WARNING SERVICE—Continued

-Navy notified of delay after 5 August.....	Short 507
-No trained control officers or operators.....	Bellinger 1638
	Bergquist 1192
	Bergquist 1197
	Colton 696
	Davidson 4126
	Davidson 4132
	Elliott 996
	Lockard 1016
	Phillips 1154
	Powell 3898
	Pye 1078
[1]	Short 487
	Short 508
	Taylor 1082
	Taylor 1088
	Taylor 1091
	Tindal 4498
-No training scheduled, 7 December.....	Short 311
-Not dependent on height.....	Fleming 1264
	Fleming 1319-1320
	Marston 3131
	Marston 3133
--Contra.....	Kimmel 1809-1810
	Layton 3065
	McMorris 2892-2893
	Powell 3891
	Tindal 4493
-Not increased after 27 November.....	Short 469-470
-Number of stations, changed.....	Short 495
-Only on Oahu.....	Davidson 4133
	Gerow 4273
	Hayes 270
-Only real Army reconnaissance.....	Kimmel 1764
	Kimmel 1809
	Martin 1823
	Pye 1067
	Short 469
	Short 4438
	Stimson 4070
-Operating 7 December.....	Bergquist 1212-1213
	Bergquist 1218
	Elliott 995
	Elliott 998-1000
	Kimmel 1791-1792
	Lockard 1015
	Lockard 1022-1023
	McDonald 4153
	Phillips 1152
	Powell 3899
	Reybold 625
	Short 453-455
	Tindal 4494
	Tyler 1098
[8] --Detected planes.....	Colton 694-695
	Davidson 4130-4131
	Elliott 1001-1006
	Lockard 1024
	Lockard 1026
	McDonald 4154
	McDonald 4162
	Powell 3903
	Short 439-440
	Taylor 1085

AIRCRAFT WARNING SERVICE—Continued

-Operating 7 December—Continued

--Detected planes—Continued

---Disputed.....

--Lt. Tyler on duty during attack.....

--Merely training.....

--Purpose, Anti-sabotage.....

-Operation before 7 December.....

--Contra.....

[9] -Operation, in general.....

-QM received for shipment in July.....

-Range, effective.....

--200 miles, permanent stations.....

--75 miles, for mobile stations.....

--130 miles.....

Mollison 815
 Mollison 826
 Bergquist 1199-1200
 Davidson 4145
 Lockard 1025
 McDonald 4154-4156
 McDonald 4157
 Short 312
 Short 518
 Tyler 1096
 Tyler 1099-1102
 Davidson 4130-4131
 Kimmel 1790
 Martin 1824
 Phillips 1152
 Phillips 1154
 Short 516
 Short 4442
 Davidson 4134
 Elliott 1008
 Colton 688
 Davidson 4128
 Davidson 4146
 Kimmel 1789-1790
 Lynch 2364
 McDonald 4160
 McDonald 4163
 Powell 3885
 Powell 3896
 Powell 3908
 Short 516
 Short 4443
 Stimson 4066-4067
 Tindal 4492
 West 3123
 Phillips 1143
 Bellinger 1639
 Bergquist 1187
 DeLany 1715
 Elliott 1006-1007
 Elliott 1009
 Elliott 1012-1014
 Lockard 1017-1021
 Lockard 1031-1032
 Marston 3151
 McDonald 4161
 Powell 3889
 Powell 3904
 Stimson 4068
 Tindal 4500
 West 3123
 Powell 3886
 Short 509-510
 Burgin 2660
 Layton 3065-3066
 Marston 3151
 Powell 3888
 Short 440
 Short 440
 Short 516
 Bergquist 1190

3278 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

AIRCRAFT WARNING SERVICE—Continued

-Range, effective—Continued	
--150-200 miles.....	Kimmel 1789 Kimmel 1791 Kimmel 1810 Powell 3889 Powell 3905 Burgin 2658 Fleming 1258
--120-140 miles.....	Short 368
-Refer to letter, S/N to S/W, 24 January.....	Davidson 4137
-Report, 24 November.....	Kimmel 1786 Bergquist 1187 Bergquist 1202-1203 Burgin 2644 Davidson 4127 Martin 1824 Phillips 1245-1249 Powell 3885 Powell 3908 Short 492 Short 516-518
[10]	Wyman 3436 Wyman 3572 Wyman 3577
-Stations contemplated.....	Bergquist 1187 Colton 672-677 Powell 3895 Powell 3915 Wyman 3436
-Tactical plan.....	Reybold 622-624
-Twenty-four hour use not required by situation.....	Short 508 Short 514 Short 4442
--Contra.....	Bergquist 1192-1193 Bergquist 1198 Bergquist 1204 Powell 3912-3913
-Use ordered by Short.....	Davidson 4129 Davidson 4133 Kimmel 1789-1790 McDonald 4161 Short 297
--4 to 7 A. M.....	Bergquist 1198-1199 Davidson 4150 Gerow 4274 Lockard 1031 Phillips 1154-1155 Powell 3910 Short 469-470 Short 514-515 Short 4442 Taylor 1085
-WD interest in.....	Hayes 257 Hayes 274
-Wyman not responsible for material. See also, WYMAN, COL. THEODORE.....	Short 488 Wyman 3419 Wyman 3428-3429

[11] ALERTS IN HAWAII (See also ALERT
NO. 1 and HAWAIIAN DEFENSE—SOP, 5 November and WAR DEPARTMENT.)

-In general.....	Brooks 982
	Brooks 989
	Burgin 2662-2663
	Farthing 841-842
	Farthing 845
	Gerow 4304
	Hain 3322
	Hayes 251-255
	Herrin 216
	Herrin 219
	McCarthy 1924
	Mollison 801-802
	Mollison 822
	Murray 3099
	Murray 3101
	Pratt 1968
	Pratt 1970-1972
	Pratt 1985
	Rudolph 1222
	Rudolph 1226
	Wells 2729-2930
	Wilson 925-930
-Alarmed public.....	Herron 225
	J. Midkiff 2840
--Contra.....	Capron 2025
	Dillingham 2772
	Dingeman 3195
	Murray 3096-3097
	Petrie 2720
	Throckmorton 1398
	Wells 2728
-Ammunition issued.....	Burgin 2609
	Dingeman 3195
	Hain 3318
	Herron 225
	Murray 3100
-By Army, no effect on Navy.....	Short 409
-Laxity alleged in late November.....	McKee 2424
-Morale, affected.....	Marshall 53
	McCarthy 1924
	Wilson 1366-1367
--Contra.....	Hain 3321-3322
	Murray 3101
	Short 435
-Never ordered by WD.....	Gerow 4238
	Short 408
[12] --Contra.....	Hain 3317
-No Army-Navy cooperation on.....	Hain 3319
	Herron 217
--Contra, when Navy "lost" Jap ships.....	Farthing 842
-Number of.....	Dingeman 3198
	Hain 3317
	Marshall 52
	J. Midkiff 2835
	Murray 3100
	Short 283

3280 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

[13] ALERT NO. 1. (See also HAWAIIAN
DEFENSE—SOP 5 Nov.; JAPANESE IN HAWAII;
JAPAN—Caution not to provoke; and related titles.)

-In general.....	Bloch 1497
	Bloch 1511
	Bloch 1530
	Brooks 990
	Davidson 4149
	DeLany 1709-1710
	Kogan 1677
	Mollison 818-821
	Murray 3085
	Murray 3089
	Murray 3092
	Phillips 1110
-Considered satisfactory.....	Fielder 2960
	Kimmel 1781
	Marshall 44
	Marshall 53
	Mollison 803-804
	Mollison 809
	Phillips 1112
	Phillips 1128
	Phillips 1131
	Phillips 1142
	Short 523
	Walsh 1384-1385
	Wilson 929
	Wilson 1350
	Wilson 1356
	Wilson 1362
-Decision by Short.....	Burgin 2623
	Coll 3173
	Donegan 1944
	Fielder 2960
	Martin 1827
	Mollison 793-794
	Pratt 1976-1977
	Short 282
	Short 520
	Throckmorton 1393
	Throckmorton 1403
	Truman 1450
	Walker 971
	White 1994
	Wilson 1357
--Navy not consulted.....	Dingeman 3194A
	Short 395
--Plan to "slide" to No. 3.....	Burgin 2617
[14] --Reasons for.....	Flood 2854
	Hayes 267
	Lawton 2681
	Martin 1830
	Martin 1835
	Martin 1847
	Martin 1855
	Phillips 1114
	Phillips 1117
	Phillips 1132
	Phillips 1134
	Phillips 1138
	Phillips 1148
	Short 286
	Short 297

ALERT NO. 1—Continued

-Decision by Short—Continued

--Reasons for-----

Short 304
 Short 307
 Short 434-435
 Short 437
 Short 431-432
 Short 446
 Short 450
 Short 461
 Short 470-471
 Short 479
 Short 483
 Short 520-521
 Short 527-528
 Throckmorton 1394
 Throckmorton 1398
 White 1996

-Differences from Alerts 2 and 3-----

Burgin 2614
 Burgin 2655
 Dillingham 2772
 Donegan 1952-1954
 J. Midkiff 2841
 Mollison 818-821
 Powell 3912-3913
 Tindal 4489
 Weddington 3015

-Not a mistake-----

Donegan 1956
 Martin 1831
 Martin 1833
 Martin 1836
 Martin 1856
 F. Midkiff 3819
 Murray 3090
 Phillips 1117-1118
 Phillips 1126

[15] --Contra-----

Allen 3113
 Allen 3119
 Bergquist 1205
 Burgin 2618
 Burgin 2621
 Burgin 2652
 Burgin 2655
 Farthing 839
 Fielder 2987
 Hayes 250
 Hayes 268
 Hayes 263
 Herron 226
 King 2700
 Martin 1827-1828
 Martin 1849
 Mollison 797
 Mollison 805-806
 Murray 3096
 Murray 3097
 Phillips 1127
 Phillips 1128
 Phillips 1148
 Phillips 1152
 Powell 3912-3913
 Pratt 1977
 Pye 1046-1048
 Rudolph 1221-1230

3282 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

ALERT NO. 1—Continued

-Not a mistake—Continued

--Contra-----

Rudolph 1226
 Rudolph 1229
 Rudolph 1239
 Short 4440
 Short 476
 Throckmorton 1395
 Throckmorton 1399
 Throckmorton 1402
 Wells 2731
 West 3121
 Wilson 926-928
 Wilson 1361
 Wilson 1363
 Wilson 1381

-Planes ready in 4 hours, under-----

Mollison 796-797
 Phillips 1127
 Short 459
 Short 515
 Tindal 4489

-“Sabotage-minded”-----

Allen 3119
 Burgin 2649
 Burr 3072
 Davidson 4134-4135
 Davidson 4143
 DeLany 1714
 Dingeman 3195
 Fielder 2997
 Flood 2849
 Kimmel 1776
 Locey 2797
 Martin 1829
 Martin 1845
 Moody 3199
 Poindexter 3161

-War Department never objected-----

Coll 3173
 Hill 2938
 Kimmel 1782
 Lawton 2693
 Martin 1833
 Murray 3099
 Short 437
 Short 453-455
 Short 471
 Short 533
 Stimson 4062
 McKee 81

-WPD not informed of-----

[17] ARMY MISSION IN HAWAII. (See also
 NAVY MISSION IN HAWAII; HAWAIIAN DE-
 FENSE; RECONNAISSANCE; and related titles.)

Bellinger 1581
 Burgin 2616
 Donegan 1960
 Gerow 4227
 Hain 3325
 Herron 207
 Kimmel 1744
 Lawton 2666
 Marshall 17
 Marshall 18
 Martin 1843
 McKee 64
 McKee 72
 Murray 3078-3079
 Phillips 1110
 Phillips 1149
 Short 352
 Wilson 1361

ARMY MISSION IN HAWAII—Continued

-Air fields defense..... Flood 2854
 McKee 71
 Hayes 249
 Herron 222
 McKee 85-87

-WPD not concerned with.....
 [18] ARMY-NAVY AGREEMENTS (See also
 ARMY-NAVY COOPERATION; ARMY-NAVY
 EXCHANGE OF INFORMATION; and related
 titles.)

-Joint Air Operations Agreement, 21 March..... Arnold 161-162
 Arnold 165
 Bellinger 1578-1579
 Bellinger 1587
 Bellinger 1607
 Bloch 1474
 Gerow 4233
 Gerow 4324
 Lawton 2670
 Martin 1817
 Martin 1822-1823
 Martin 1902
 Short 371-373
 Short 4436-4437
 Short 4441
 Throckmorton 1391

--No call for Army help 7 December..... Martin 1818

--Never fully complied with..... Lawton 2676
 Martin 1818

-Joint coastal Frontier Defense Plan..... Bellinger 1605
 Bloch 1473
 Bloch 1478-1479
 DeLany 1696-1697
 DeLany 1713
 DeLany 1720
 Donegan 1935
 Gerow 4318
 Hain 3325
 Hayes 245
 Kimmel 1736
 Kimmel 1738
 Kimmel 1744
 Kimmel 1746
 Kimmel 1748
 Lawton 2665-2666
 Marshall 26
 Martin 1817
 McKee 58
 McMorris 2891
 Short 365-366
 Short 382-383
 Short 387
 Throckmorton 1392
 Kimmel 1755-1756
 Kimmel 1759
 Gerow 4283
 Kimmel 1757-1759
 Short 4439

--Washington consent needed to put in effect.....

---Contra.....

[19] ARMY-NAVY COOPERATION (See also
 ARMY-NAVY AGREEMENTS; ARMY-NAVY
 EXCHANGE OF INFORMATION; and related
 titles.)

-In general..... Lawton 2695
 McKee 83
 Short 355
 Short 363
 Short 391-392

ARMY-NAVY COOPERATION—Continued

-Anti-aircraft defense not perfectly coordinated (See also HAWAIIAN DEFENSE—Anti-air- craft.)	Short 366 Short 393-394
-Army-Navy Maneuvers.....	Bellinger 1585 Davdison 4137 Dingeman 3192 Donegan 1939 Martin 1818-1819 Short 292
-Before Short.....	Herron 207-211
-Conferences between Short and Kimmel.....	Bloch 1510 Bloch 1513 DeLany 1698 DeLany 1702 Dillingham 2782 Hayes 259 Hayes 260-262 Herron 235 Hill 2942 Kimmel 1765 Kimmel 1766 Kimmel 1768 Kimmel 1769-1771 Kimmel 1780 Kimmel 1783 Lawton 2694-2695 Layton 3058 McMorris 2867 Mollison 790-794 Short 298 Short 301 Short 359-360 Short 394-395 Truman 1446 Truman 1446-1448 Truman 1451 Wells 2732
-Conference 27 November, Kingman, Martin, Mol- lison, Bloch	Bloch 1507 Bloch 1509
[20] -Conference 27 November, Martin, Short, Kimmel, Mollison	Martin 1825 McMorris 2872
-Confidence in Navy.....	Brooks 992 Moody 3200 Phillips 1132 Short 362-363 Short 406 McMorris 2887 Short 390 Short 409
--Not justified.....	Dingeman 3194 Fleming 1257
-Defense projects, liaison.....	Short 368 Phillips 1242
-Directed by letter, WD, 7 February.....	DeLany 1700
-Joint headquarters.....	Bloch 1482
-Joint headquarters construction.....	Kimmel 1783-1784
-Navy confidence in Army.....	Herron 212
-Navy jealous.....	Bloch 1481
-Navy never checked on.....	Phillips 1240
-No joint staff meetings.....	Herron 217
-Not on alerts.....	Throckmorton 1409- 1410
-Operations office liaison, complete.....	Lawton 2668
--Contra.....	

ARMY-NAVY COOPERATION—Continued

-Very good.....	Capron 2030 DeLany 1708 DeLany 1732 Hayes 244 Hayes 260 Herron 210 Kimmel 1739 Kimmel 1783 Kimmel 1811 Marshall 27 Taylor 3257
-- <i>Contra</i>	Burgin 2625 Martin 1904-1905 Pratt 1985

[21] ARMY-NAVY EXCHANGE OF INFORMATION (See also ARMY-NAVY AGREEMENTS; ARMY-NAVY COOPERATION; and related titles.)

-In general.....	Gerow 4265 Marshall 36 Phillips 1132
-Air Force knowledge of Jap concentrations.....	Arnold 184 Mollison 805
-Army, full disclosure to Navy.....	Bellinger 1636 Kimmel 1765-1766 Phillips 1241
--Navy liaison officers.....	Burr 3069 Murray 3095 Truman 1449
-Army measures after 27 November.....	DeLany 1698-1699 Short 399
-"Complete reciprocity".....	Bellinger 1636 Herron 221-222 Kimmel 1771-1772 Kimmel 1783-1784
-- <i>Contra</i>	Bloch 1502 Bloch 1519 Burgin 2616-2617 Martin 1907 Rocheftort 1649 Rocheftort 1657 Short 299 Short 358
-Confidence in the Navy.....	Mollison 796 Short 406 Short 410
-F. B. I.	Bicknell 1438-1439 Fielder 2945 Fielder 2956 Shivers 3203 Shivers 3219 Taylor 3252 Taylor 3253
-Fleet activities 27 November-7 December (See also NAVY—Naval Intelligence.)	DeLany 1701 DeLany 1704 Mollison 805 Rocheftort 1652-1655 Rocheftort 1661 Rocheftort 1665-1672 Short 451 Short 474-475

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ARMY-NAVY EXCHANGE OF INFORMATION—

Continued

-G-2-ONI (See also NAVY MISSION IN HAWAII—Naval Intelligence.	Allen 3111
	Bicknell 1438
	Dingeman 3193
	DeLany 1701
	Fielder 2945
	Fielder 3000
	Layton 3028-3029
	Layton 3063
	Short 474
--A-2-ONI (See also NAVY—Naval Intelligence, Activities Limited.)	Bellinger 1631
	Farthing 846
	Layton 3030
	Mollison 796
	Mollison 804
-Information re Jap ships.....	Bloch 1497-1499
	DeLany 1710
	Farthing 844-845
	Pye 1047-1058
	Short 291
	Short 407-408
	Short 452-455
-Navy, aircraft identification course.....	Rudolph 1236
-Navy information failed to reach field commanders.	Burgin 2616
	Burgin 2646
	Wilson 1352
-Navy, little confidence in Army.....	Herron 220
	Short 405
-Navy message 24 November not given Short.....	DeLany 1723
	Short 414
-Navy notified AWS delay.....	Bloch 1503
	Short 507
[23] -Navy not specific re reconnaissance	Fielder 2990
	Hayes 247
	Herron 218
	Lawton 2668
	Lawton 2672
	Short 377
	Short 379
	Short 384
-Navy, 3 December message re burning codes (See also NAVY.)	Lawton 2684
	Short 424
--5 December message, G-2.....	Rochefort 1657
-No information to Short re task force in Marshall Islands	Short 525
-Planes available, daily reports.....	Short 361
	Bellinger 1607
	Herron 222
	Kimmel 1765
-Procedure.....	Bloch 1500
	Burr 3069
	DeLany 1718
	Donegan 1933
	Gerow 4263
	Layton 3030
	Layton 3037
	Layton 3057
	Phillips 1248-1249
	Short 415
--None established.....	Burgin 2616
	Dingeman 3192
	Gerow 4323
	Lawton 2671-2672
	Phillips 1248

ARMY-NAVY EXCHANGE OF INFORMATION—

Continued

- Re Interceptor Command..... Short 495
- “War Warning” message, 27 November
 - Bellinger 1596
 - Bellinger 1638
 - Bellinger 1597
 - Bloch 1503C-1505
 - Burr 3070-3071
 - DeLany 1698
 - DeLany 1723
 - Gerow 4262
 - Gerow 4301
 - Kimmel 1775-1776
 - Kimmel 1779
 - Layton 3041-3042
 - Layton 3058-3059
 - Martin 1826
 - Martin 1838-1840
 - Martin 1906
 - McMorris 2886
 - Mollison 795
 - Murray 3087
 - Phillips 1115
 - Pye 1040-1041
 - Pye 1049
 - Pye 1067
 - Throckmorton 1393
 - Short 416
 - Short 469
 - Stimson 4074
 - Wilson 1349
 - White 1997

[24] -“War Warning” message, 27 November
(Continued)

[25] ATTACK ON PEARL HARBOR (See also
JAPAN—Attack a surprise; HAWAIIAN DE-
FENSE; JAPAN—Attacking force origin; and related
titles.)

- In general.....
 - Allen 3112
 - Allen 3114
 - Burgin 2610
 - Burgin 2633
 - Burgin 2656
 - Flood 2852
 - Kay 3931-3937
 - Locey 2797
 - McCarthy 1926-1928
 - F. Midkiff 2821
 - F. Midkiff 2828
 - Murray 3103
 - Powell 3897
 - Pye 1045
 - Tindal 4490
 - Weddington 3016
 - Weddington 3019
 - Burgin 2606
 - Brooks 987
 - Coll 3172
 - Murray 3083
 - Short 316-317
 - Weddington 3013
 - West 3121
 - Martin 1896
 - Weddington 3017-3018
- Action by ground troops, harbor troops, and
civilian elements.
 - Bloch 1494-1496
 - Capron 2027-2028
 - Cooper 2130-2133
 - Farthing 837
 - Farthing 848
 - Klatt 1460-1467
- Arrival of new B-17s.....
- Description by Bloch.....
- Description by Capron.....
- Description by Cooper.....
- Description by Farthing.....
- Description by Klatt.....

ATTACK ON PEARL HARBOR—Continued

-Description by Kogan.....	Kogan 1674-1676
-Description by Mollison.....	Mollison 828-831
-Description by Phillips.....	Phillips 1138
[26] -Description by Short (See also JAPAN- Attack a surprise.)	Pye 1045 Short 313-314 Short 456-457 Short 482 Short 536-538 Short 540
-Description by Walker.....	Walker 969-970
-Description by Welch.....	Welch 2010-2014
-Description by Wilson.....	Wilson 914-922
-Description of Jap planes by Martin.....	Martin 1911
-Enemy planes shot down.....	Flood 2853 Martin 1901 McMorris 2884 Short 317-318 Welch 2012
-Enemy planes, number used, 160-180.....	Kay 3938 Martin 1868 Short 318 Short 453-455
-Only 3 U. S. fliers got in air.....	Arnold 180 Mollison 800-801 Mollison 816 Weddington 3023
-Possibility of damaging Jap carriers.....	Kimmel 1800 Martin 1841 McMorris 2877 McMorris 2878 McMorris 2883 McMorris 2892 Pye 1068-1069
-Possibility of stopping planes.....	Burgin 2631 Burgin 2655 Burgin 2656 Fielder 2988 Kimmel 1800 Kimmel 1805 Mollison 829 Murray 3090 Welch 2013
[27] -Psychological blunder.....	Pye 1058-1060
-Result, if planes dispersed.....	Davidson 4144 Flood 2864 Herron 225 Martin 1837 Mollison 797 Mollison 807 Phillips 1118 Short 481 Weddington 3014-3015
-Result same if during 1940 alert.....	Herron 234 Short 476
-Salvage operations.....	Short 317
-Statistics on repair work after 7 December.....	Short 314-315
-Sunday best for.....	White 2001
-W. D. and N. D. knew precise hour of attack.....	Kimmel 1812 Short 4424 Kingman 555
[28] CANOL PROJECT (See also WYMAN, COL. THEODORE.)	Lewis 1164 Lewis 1178-1179 Lynch 2369 Record 4033-4035 Reybold 611

CANOL PROJECT—Continued

-Wyman, administration improper.....	Hannum 2069 Hunt 753 Wyman 3520
-Wyman, treatment of personnel.....	Hunt 752-753
-Wyman, wife as employee.....	Hunt 753
[29] G-2 KNOWLEDGE OF JAPAN (See also JAPAN; ATTACK ON PEARL HARBOR; ARMY- NAVY EXCHANGE OF INFORMATION; and related titles.)	
-In general.....	Coll 3182 Miles 92-93 Murray 3102 Richards 743-744 Stimson 4079-4080
-Aircraft carriers about 1 December.....	Miles 123-124
-Aircraft carriers on 27 October.....	Miles 111
-Attack force composition.....	Layton 3045 Miles 132
-Channeled through Chief of Staff.....	Miles 109
-Coordinated with ONI.....	Miles 116-117
-Dissemination procedure.....	Miles 124-126
-Embassy chief source.....	Miles 98
-Interpretation supplied.....	Miles 110-111
-Jaluit task force, no notice to HD (See also JAPAN-Jaluit Task Force).	Miles 129 Stimson 4072
-Jap papers burned, 5 December	
--Reported in staff meeting.....	Phillips 1242-1243
--Short didn't know.....	Short 525
-Limited.....	Layton 3031 Miles 99
-Limited personnel.....	Miles 94 Osmun 135-136
-Mandated Island knowledge.....	Osmun 137 Fielder 2944 Miles 102
-No situation estimate received.....	Miles 104-106 Miles 109
-Personnel untrained.....	Osmun 137
-Supplied to H. D.....	G-2 EST 3684 Miles 110 Osmun 141
[30] HAWAIIAN COASTAL FRONTIER DE- FENSE PLAN (See ARMY-NAVY AGREE- MENTS.)	
HAWAIIAN DEFENSE (See also AIRCRAFT WARNING SERVICE; ATTACK ON PEARL HARBOR; JAPAN; SHORT; MARSHALL; and related titles.)	
-Air Corps, infantry training.....	Davidson 4138-4139 Farthing 836 Marshall 29-32 Martin 1862-1865 Mollison 806 Short 479
-Aircraft, B-17, total U. S.....	Arnold 180 Farthing 834
-Air Defense Plan, 20 August.....	Hain 3344-3355 Martin 1893
--Sent to WD, 20 August.....	Short 412-414
-Antiaircraft.....	Bloch 1519 Bloch 1535 Burgin 2603 Burgin 2605 Burgin 2610 Burgin 2613 Burgin 2614

3290 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

HAWAIIAN DEFENSE—Continued

- Antiaircraft.....
 - Burgin 2615
 - Burgin 2626
 - Burgin 2632
 - Burgin 2635-2636
 - Davidson 4141
 - DeLany 1699
 - DeLany 1708
 - Farthing 834
 - Farthing 841
 - Hayes 266
 - Kimmel 1764
 - Kimmel 1768
 - Klatt 1455-1459
 - Marston 3127
 - Marston 3152
 - McMorris 2879
 - Midkiff, J. 2834
 - Short 366
 - West 3122
- Would have been ineffective.....
 - Burgin 2604
 - Burgin 2624
 - Short 456
- [31] -Ammunition supply, 7 December.....
 - Burgin 2604
 - Burgin 2605
 - Burgin 2608
 - Burgin 2613
 - Burgin 2633
 - Burgin 2638
 - Dillingham 2784
 - Murray 3075
 - Murray 3080
 - Murray 3082
 - Murray 3091
 - Short 313
 - Weddington 3026-3027
 - Wilson 1353-1354
- Army planes available (See also RECONNAIS-
SANCE—By Army—Insufficient planes).
 - Arnold 155
 - Arnold 175
 - Burgin 2662-2663
 - Davidson 4138
 - DeLany 1708
 - Martin 1859
 - Martin 1897-1898
 - Martin 1910
 - Short 314
 - Short 455
 - Weddington 3014
 - Weddington 3023
 - Welch 2009
 - Welch 2014
 - Martin 1860
 - Mollison 806
- Cannibalism.....
 - Arnold 184
 - Bloch 1519
 - Hayes 257
 - Martin 1873
 - Martin 1869-1887
 - Marston 3152
 - Murray 3081
 - Poindexter 3164
 - Short 369
- Hawaii 2d priority.....
 - Arnold 178
- Changes by Short.....
- CPX February 1941 proved air attack possible...
- Correspondence, Arnold and Martin.....
- Delay of equipment.....
- Second priority.....

HAWAIIAN DEFENSE—Continued

- [32] -Difficulty protecting planes Fielder 2959
 Martin 1827-1829
 Short 290
 Short 457
 Short 477
 Short 480-481
 Weddington 3014-3015
- Equipment available Burgin 2605
 Burgin 2613
 Burgin 2631
 Kay 3940
 Lawton 2675
 Murray 3077
 Phillips 1149
 Short 354
 Short 478
 West 3121
- Earliest date prepared Marshall 8
- Estimate of situation, process Burgin 2662
 Fielder 2988
 Fielder 2996-2997
 Phillips 1121-1125
 Phillips 1127-1128
- -Violated Hain 3324-3339
- Field Order No. 1 Pratt 1970
 Throckmorton 1404-1407
- G-2 funds available Richards 731
 Richards 733
 Richards 738
 Richards 736
- Good (See also—Weakness of, infra, this title.)
 Martin 1874-1875
 McMorris 2884
 Midkiff, F. 2804
 Midkiff, F. 2818
 Midkiff, J. 2841
 Midkiff, J. 2843
 Walker 966
- Greatest danger, Jap population (See also JAPANESE IN HAWAII.)
 Phillips 1134
- [33] -Hawaii best prepared U. S. Base Arnold 179
 Arnold 183
 Marshall 14
 Marston 3128
 McKee 87
- -Contra DeLany 1730
- Fully prepared Capron 2016
 Short 389
- Herron, CG, 1937-1941 Herron 207-208
- International situation, limited knowledge Bicknell 1437-1438
 Fielder 2982
 Layton 3031
 Short 458
- Known to Japan Coll 3182
 Farthing 848
 Fielder 2970
 Fielder 2977
 Grew 4221
 Herron 233
 King 2706
 McMorris 2880
 McMorris 2882
 Mollison 831
 Shivers 3211
 Shivers 3214

3292 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

HAWAIIAN DEFENSE—Continued

-Local Joint Planning Committee.....	Phillips 1250 Short 396-397
-M-Day.....	Bloch 1479 Capron 2023 Coll 3183 DeLany 1713-1714 Donegan 1936 Kay 3941 Kay 3950 Kimmel 1758-1859 Midkiff, F. 2805 Wells 2726
-Navy fighter planes available.....	Bellinger 1622 Martin 1867
-Navy strong.....	Fielder 2989 Martin 1858
[34] -No air raid shelters before 7 December.....	Burgin 2603 Flood 2851 Locey 2791 McCarthy 1923 Burgin 2603 Farthing 833 Farthing 841 Howard 1916 Short 530 Short 4417
-No slit trenches dug before 7 December.....	Arnold 161 Arnold 185 Bellinger 1607 Bellinger 1609-1611 Bloch 1496 DeLany 1711-1713 Gerow 4318 Kimmel 1759-1760 Martin 1908-1909 McKee 82 Pye 1056 Rudolph 1222 Short 302 Short 372 Short 453
-No unity of command.....	Dillingham 2783 Marshall 27 Martin 1904-1905 Short 534
--Unity essential.....	Short 534 Kimmel 1806 Bloch 1519 Burgin 2636 Donegan 1937 Hain 3353 Marshall 23-24 Martin 1827-1828 Martin 1861 Short 354 Short 481 Short 4415 Throckmorton 1404 Walker 966 Weddington 3023 Short 389
--Unity of command after 17 December.....	Kimmel 1806 Bloch 1519 Burgin 2636 Donegan 1937 Hain 3353 Marshall 23-24 Martin 1827-1828 Martin 1861 Short 354 Short 481 Short 4415 Throckmorton 1404 Walker 966 Weddington 3023 Short 389
-Pearl Harbor considered torpedo-proof.....	Burgin 2626 Farthing 833-836 Fielder 2987 Hayes 258
-Personnel shortage.....	
-Plan, in case of surprise attack.....	
[35] - Plan, in general.....	

HAWAIIAN DEFENSE—Continued

-Report prepared by Bergquist.....	Bergquist 1209
	Bergquist 1219
-SOP 5 November (See also RAINBOW PLAN)..	Bergquist 1216
	Bloch 1503-A
	Brooks 977-978
	Brooks 979-980
	Brooks 984
	Burgin 2601
	Davidson 4139
	Donegan 1947
	Earle 3642
	Marshall 29
	Marshall 31
	Marshall 47
	Marshall 53
	Martin 1879
	Mollison 797
	Mollison 820
	Powell 3910
	Short 282
	Short 333
	Short 400
	Short 431
	Short 460
	Short 489
	Short 507
	Short 520
	Short 526
	Short 529
	Throckmorton 1398
	Walker 967-968
	Walsh 1383
	Wilson 913
	Wilson 1357
--Artillery, alternate missions.....	Murray 3078-3079
	Walker 966-967
--Criticized.....	Burgin 2639
	Davidson 4136
	Flood 2856-2857
	Gerow 4278
	Herron 226-229
	Lawton 2683
	Martin 1892
--Navy informed.....	Phillips 1242
--Planes alerted.....	Mollison 800
[56] --Preparation of.....	Phillips 1110
	Phillips 1146-1147
--Sent to War Department.....	Short 431
--Norec ord.....	Hain 3316
-Staff conferences weekly.....	Short 519
	Short 524
-Staff officers fully informed.....	Short 522
-Supervision by War Department.....	See also, infra—WD did
	not supervise HD
	closely
	Gerow 4278
	Gerow 4281
	Herron 222-223
	Hill 2938
	Hill 2939
	Gerow 4304

3294 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

HAWAIIAN DEFENSE—Continued

-Weakness of (see also—Good, supra, this title;
see also under JAPAN—S/N ltr to S/W 24 Jan.)--

[37]

--No preparation for air attack-----

-WD did not supervise HD closely-----

--Inspection by Marshall-----

[38] -WD "ideas," lack of confidence in
HAWAIIAN DEFENSE PROJECTS (See
also AIRCRAFT WARNING SERVICE; WYMAN,
COL. THEODORE; SHORT; and related titles.)

-In general-----

-Airfields, built without WD approval-----

Arnold 159
Bellinger 1607
Bergin 2638
Bergin 2640
Coll 3174
DeLany 1699
DeLany 1727
Dillingham 2778
Donegan 1938
Gerow 4364
Hill 2935
Hill 2936
Kay 3940
Kay 3942-3946
Kimmel 1765
Kimmel 1768
Lawton 2673
Marston 3128
Midkiff, F. 2829
Murray 3076
Murray 3090
Murray 3092
Poindexter 3158
Poindexter 3164
Short 463
Weddington 3026
Wilson 1357
Wilson 1358-1359
Wilson 1373
Bloch 1486
Bloch 1491
Burgin 2603
Burgin 2656
Burgin 2657
King 2707
Petrie 2710
Short 4444
Walker 968
Weddington 3013
Gerow 4254-4256
Gerow 4281-4282
Gerow 4285-4286
Gerow 4288
Gerow 4325
Gerow 4333
Hayes 249
Herron 222
Short 458
Short 4432
Short 4436-4437
Stimson 4074
Stimson 4085
Herron 223
Herron 239
Kingman 567
McKee 57-58
McKee 64
Fleming 1332
Fleming 1339
Memo 3927-3928
Short 324
Wyman 3455

HAWAIIAN DEFENSE PROJECTS—Continued

-Airfield delays-----	AAF-Wyman 3881-3883 Martin 1889 Weddington 3020-3021 Wyman 3511
-Airfield protection, WD denied-----	Martin 1848 Short 323
-Airfields progress as of 7 December (See also— Ferrying routes, infra, this title.)	Flood 2861 Hannum 2049 Hannum 2066 Lynch 2365-2366
-Ammunition storage magazines-----	Schley 663
-Assistance requested by Short-----	Schley 656 Short 326-327
--Not from Chief of Engineers-----	Schley 656
-Considered unnecessary-----	Dillingham 2785
-Construction spurt after 7 December-----	AAF-Wyman 3874 Benson 3737 Bragdon 3845 Short 536 Wyman 3435
-Contract, District Engineer can abrogate-----	Nurse 4008 Nurse 4010 Reybold 629 Bragdon 3842-3843 Burton 878 Butterfield 4116-4117 Chun 3259 Clark 3627 Claterbos 4097, 4099 Combs 2431 Combs 2450 Connolly 2190 Connolly 2195 Gesler 948 Gesler 957 Gesler 958-960 Grafe 2290 Grafe 2295-2299 Hannum 2032-2036 Hunt 764 Kingman 544 Kingman 559 Kingman 567 Martin 2330-2331 Reybold 631-632 Robins 701 Robins 703-704 Robins 722 Robins 725 Rohl 2242-2250 Schley 637 Schley 640-645 Shirley 2356-2359 Wyman 3378 Wyman 3392 Wyman 3488 Wyman 3495
-Contract, 20 December 1940-----	Burton 882 Connolly 2161-2166 Connolly 2170-2171 Gesler 932 Gesler 952 Gesler 961-963 Hannum 2054-2055 Parker 3797

[39]

3296 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

HAWAIIAN DEFENSE PROJECTS—Continued

-Contract, 20 December 1940.....	Rafter 780 Reybold 582-583 Robins 698 Robins 713 Robins 722 Robinson 3807 Robinson 3815 Rohl 2277-2280 Schley 639 Schley 655 Shirley 2355 Woolley 3765-3767 Wyman 3482 Wyman 3489
[40] --Inefficiency of contractors.....	Clarke 3629 Hunt 751 Hunt 761 King 2531-2533 Sisson 3269 Sisson 3275 Sisson 3280 Wyman 3423 Benson 3734 Hunt 747 Hunt 751 Sisson 3281
--"Profit" plus fixed fee.....	Marston 3148 Lynch 2371-2372 Reybold 600 Reybold 606 Wyman 3575 Lumsden 3246
-Contractors, no complaints against.....	Wyman 3581-3582 Bragdon 3834-3835 Gesler 951 Kingman 560 Lorence 1682-1687 Lorence 1693 Lumsden 3247 Reybold 576 Reybold 579-581 Reybold 599-600 Reybold 602 Robins 700 Robins 705 Robins 713 Robins 715 Row 2093 Schley 646-650 Schley 657 Schley 664 Schley 667 Wyman 3397 Wyman 3579
--Contra.....	AFF Wyman 3868 AFF Wyman 3855 Reybold 577-578 Schley 650 Wyman 3507
-Contractors, responsibility for checking.....	Reybold 578-579 Clarke 3626 Kingman 557-558 Sisson 3269-3270 Sisson 3279 Sisson 3280 Woolley 3768 Wyman 3549
--Espionage Act.....	
--Letter, TAG, 12 December.....	
[41] -Contractors sent "scrub" team.....	

HAWAIIAN DEFENSE PROJECTS—Continued

-Contractor, social contact with Army officers.....	Claterbos 4103 Reybold 597-598 Wyman 3360 Wyman 3365 Wyman 3383 Wyman 3398
-Delays, reasons for.....	Anderson 2482 Anderson 2486-2487 Anderson 2489-2490 Ballard 2577 Bartlett 2494-2499 Bartlett 2511-2515 Bragdon 3837-3839 Bragdon 3845 Capron 2023 Fleming 1337 Hannum 2061-2064 Hunt 770-771 King 2527-2529 King 2539-2543 King 2547-2554 King 2556 King 2564-2565 Lumsden 3228-3229 Lumsden 3236 Lynch 2368 Marston 3138 Marston 3141 Marston 3146 Marston 3149 Moody 3186 Perlter 3700 Perlter 3709 Perlter 2718 Robinson 3621 Rohl 2280 Row 2123-2124 Row 2126-2129 Schley 651 Short 326-327 Short 512-513 Sisson 3271 Weddington 3024-3025 Wickiser 2458-2565 Wickiser 2471-2472
[42].....	Wyman 3460 Wyman 3500 Wyman 3568 Wyman 3571
--Fixed-fee contract not cause.....	Hunt 769 Perlter 3706 Wickiser 2469
--Lack of money.....	Haines 3651-3660 Lynch 2366-2367
--Not intentional.....	Lynch 2371 McKee 2422 Willman 2152 Wyman 3425
--Contra.....	Bartlett 2496-2498
--Priorities.....	Bragdon 3847-3848 Colton 678 Colton 681 Fleming 1336 Hunt 772 Marston 3135 Marston 3136

3298 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

HAWAIIAN DEFENSE PROJECTS—Continued

-Delays, reasons for—Continued

Priorities.....	Marston 3152 Powell 3901 Reybold 616 Schley 652 Short 328 Short 504-505 Sisson 3285 Wyman 3426-3428
--Shipping delays.....	Wyman 3566 Capron 2017 McKee 2420 Perliiter 3711 Reybold 632 White 1992 Wyman 3426 Wyman 3499 Wyman 3559
Wyman 3426	Hannum 2080
-- <i>Contra</i>	Reybold 628
--Weather conditions.....	Combs 2443
--Wyman.....	Short 506
[43] -Deputy Chief of Staff big help.....	Gesler 950 Robins 715
-Discussion with aliens.....	Schley 658-659 Bragdon 3835 Fleming 1255 Lumsden 3230 Schley 661-662 Short 500 Short 503 Robinson 3589 Wyman 3387 Wyman 3569
-District Engineer responsibility.....	Short 329
--Engineers, funds used.....	Bragdon 3834 Reybold 592 Wyman 3516
-Engineers, chain of command.....	Dillingham 2753 Kestly 3667 McKee 2419 Nurse 3999 Nurse 4006 Parker 3779-3783 Parker 3788-3789 Robinson 3807-3808 Robinson 3616 Wyman 3431 Wyman 3544
-Equipment available in Hawaii.....	Schley 663 Short 502
-Extensions granted.....	Fielder 3004 Robins 726 Short 331 Wyman 3404 Wyman 3408 Wyman 3463 Wyman 3474 Wyman 3545
-Ferrying routes.....	Capron 2050 McKee 2415-2417 McKee 2421 Wyman 3391 Wyman 3493
-Flat contract basis possible.....	

HAWAIIAN DEFENSE PROJECTS—Continued

[44] -Hawaiian Contractors	AFF-Wyman 3866 Clarke 3625 Connolly 2180 Connolly 2181-2185 Connolly 2191 Dillingham 2751-2752 Dillingham 2757-2758 Fleming 1304 King 2536-2540 Lumsden 3237 Lumsden 3239 Lumsden 3243 McKee 2403-2407 Wyman 3388 Wyman 3494 Wyman 3501
--Difficulties dealing with	Fleming 1340 King 2557-2558 King 2561-2565 Lorence 1694 Wyman 3499 Wyman 3513-3514 Wyman 3557
--Not cause of delay	Fleming 1340 Wong 3671 Wyman 3543-3544 Wyman 3425
-Inspection, none from Washington	Fleming 1314
-Job Order 2.1	Rafter 781
-Navy liaison on	Fleming 1257
-Navy projects	Hunt 773
-Open to all contractors, claimed Wyman	Clarke 3626 Hunt 762
--Contra	Benson 3722-3723 Claterbos 4098 McKee 2418 Schley 642 Wyman 3481
-Progress reports to Short	Marston 3150 Short 502 Wyman 3577
[45] -Progress unsatisfactory	Clarke 3628 Gesler 942 Gesler 955 Kestly 3668 Kestly 3670 Robins 728 Robinson 3590 Robinson 3602 Short 505 Sisson 3267 Weddington 3018 Weddington 3023 Wyman 3557 Wyman 3570 Wyman 3473 Wyman 3490-3492 Wyman 3518
-Short, attempt to expedite	Fleming 1330-13333 Hayes 269 Marston 3150 Short 324

HAWAIIAN DEFENSE PROJECTS—Continued

- Underground gasoline tanks..... AFF-Wyman 3881
 Burton 884
 Fleming 1342
 Hayes 270
 Hannum 2063
 Lynch 2366-2367
 Marston 3135
 Marston 3140
 Marston 3141
 Marston 3149
 J. Midkiff 2844
 Mollison 816
 Perliter 3699
 Perliter 3703
 Perliter 3708
 Rafter 779
 Rafter 784
 Reybold 591
 Schley 654
 Weddington 3018
 Weddington 3024
 Wyman 3449-3454
 Wyman 3551
 Wyman 3455
 Wyman 3458
 Wyman 3459
- [46] HOFFMAN, ROBERT (See also WYMAN,
 COL. THEODORE; HAWAIIAN DEFENSE PROJ-
 ECTS; and related titles.)
- Allegations answered..... Ferguson 4401
 AFF Wyman 3877
- Knowledge of Wyman..... Butterfield 4123
 Lewis 1170-1174
 Lewis 1179
 Lumsden 3247
 Row 2117-2118
- Reliability of..... Lynch 2368
 Lynch 2373-2374
 Row 2119-2122
- [47] INFORMATION CENTER (See AWS.)
 INTERCEPTOR COMMAND (See AWS.)
 JAPAN (See also ATTACK ON PEARL HARBOR;
 G-2 KNOWLEDGE OF JAPAN; and related titles.)
- Air force considered good..... Kimmel 1805-1807
 Martin 1903
- Attack a surprise..... Arnold 185
 Bergquist 1203
 Bloch 1518
 Bryden 908
 DeLany 1724
 Dillingham 2771
 Dillingham 2774
 Donegan 1941
 Fielder 2960
 Fielder 2989
 Hayes 268
 Kimmel 1771
 Lawton 2677
 Marshall 9
 Martin 1827
 Martin 1830
 Martin 1837
 McMorris 2870
 Midkiff, F. 2808
 Midkiff, F. 2824

JAPAN—Continued

- Attack a surprise..... Pye 1069-1070
 Rudolph 1233-1234
 Short 462
 Short 288
 Short 536
 Short 538
 Walker 970
 Walsh 1386
 Wilson 922
 Wilson 1355
 Wilson 1360
- Contra..... Stimson 4072
- To Secretary Knox..... Pye 1070
 Short 4417
- Attacking force origin..... Bellinger 1631
 DeLany 1701
 Ferguson 4392
 Kimmel 1796-1797
 Layton 3033-3036
 Layton 3043-3052
 McMorris 2874
 McMorris 2875
 McMorris 2889
 Miles 123
 Miles 129
 O'Dell 4514
 Rochefort 1656
- Attack, joint U. S.-British-Dutch action in event
 of..... Gerow 4316-4317
 Layton 3060
 Stimson 4081
 Short 449
 Marshall 10-12
- Burning papers..... Bloch 1513
 Murray 3087
 Rochefort 1657
 Shivers 3203
- Staff announcement..... Bicknell 1413-1418
 Fielder 2986
 Phillips 1242-1243
- Caution not to provoke..... Bellinger 1596
 Bloch 1503-B
 Capron 2021
 Coll 3179
 Coll 3180
 Fielder 2996
 Gerow 4326
 Grew 4200
 Hill 2937
 Kimmel 1756
 Marshall 54
 Poindexter 3163
 Short 279
 Short 293-294
 Short 421
 Short 428
 Short 449
 Short 472
 Wilson 920
 Wilson 1347
- Commission of first overt act by..... Burgin 2642
 Capron 2021-2022
 DeLany 1723
 Gerow 4247
 Gerow 4253

[48]

3302 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

JAPAN—Continued

Commission of first overt act by.....	Gerow 4318 Hull 4474 McMorris 2869 Mollison 792 Phillips 1111 Phillips 1150 Short 280-281 Marshall 37
[49] -Crisis with.....	Arnold 151 Arnold 156 Arnold 172 Bellinger 1597 Bergquist 1204 Brooks 979-981 Davidson 4143 Dillingham 2771 Dillingham 2784 Donegan 1940 Gerow 4266 Gerow 4294-4296 Gerow 4326 Grew 4199 Grew 4210 Grew 4215 Grew 4222 G-2 Est. 3684 G-2 Est. 3689 Hayes 248 Hayes 256 Locey 2798 Lockard 1033 Marshall 7-8 Marshall 9-13 J. Midkiff 2843 Martin 1853 Mollison 792 Phillips 1111 Pratt 1984 Rudolph 1226 Rudolph 1232 Stimson 4045 Stimson 4049-4050 Throckmorton 1394 Walsh 1386 Welch 2019 White 1993 Wilson 919-923 Wilson 1347 Wilson 1363 Wilson 1369
--Known to Short.....	Fleming 1330-1331 Short 4414
--Newspapers.....	Allen 3106 Allen 3110 Bellinger 1641-1642 Brooks 983 Burgin 2623 Coll 3168 Coll 3175 Fielder 2975 Fielder 2990 Kogan 1674 Murray 3097 Robson 4364 Short 467 Stimson 4059 Throckmorton 1399
[50] --Newspapers.....	

JAPAN—Continued

-Crisis with—Continued

--Newspapers-----

White 1994

Wilson 1371

Wilson 1373

Wilson 1379

-Juliut Task Force-----

Bellinger 1631

DeLany 1701

DeLany 1724

Farthing 844

Short 4400

Fielder 3000

Herron 230

Kimmel 1769

Kimmel 1796-1797

Kimmel 1774

Layton 3032-3033

McMorris 2871

McMorris 2885

Miles 111

Miles 123

Miles 129

Rochefort 1654-1656

Rochefort 1660

Stimson 4053-4072

Stimson 4086-4087

-Japanese submarine in harbor-----

Coll 3178

Earle 3643

Fielder 2979

Fielder 2984

Layton 3037-3039

Layton 3053

Shivers 3210

Shivers 3212

Shivers 3215

Shivers 3216

Shivers 3224

Short 310

Short 536-537

-G-2 alert for disloyalty-----

Martin 1854

-Mandated Islands closed to U. S.-----

Bloch 1503

Bloch 1528-1529

DeLany 1702

Hull 4469-4474

Kimmel 1808

[51]

Layton 3054-3055

Miles 102

Miles 104

Pye 1064

R-4466

-Mandated Islands photographic mission—November 1941.

Arnold 152

Gerow 4259

Kimmel 1808

Miles 112

Stimson 4053

Stimson 4086-4087

Truman 1446

-Messages intercepted-----

Bicknell 1422

Bicknell 1427

Fielder 2967-2971

Fielder 3007

Robsion 4363

--Phone call, Dr. Mori to Tokyo-----

Bicknell 1417-1420

Exhibit 21

Fielder 2960

Klatt 1468

Shivers 3204-3207

---Short informed of-----

Bicknell 1420

Fielder 2993-2995

3304 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

JAPAN—Continued

- Naval concentrations----- DeLany 1724
 Ferguson 4398
 Graves 4348
 Kimmel 1769-1770
 Layton 3039-3040
 Layton 3061
 Miles 111
 Miles 123
 Miles 129
 Miles 132
 O'Dell 4505
 Rochefort 1652-1654
 Rochefort 1660-1666
 Short 451-452
 Stimson 4053
 Stimson 4080
 Stimson 4072
- Navy strength----- Martin 1858A
 Martin 1903
- No declaration of war expected (See exhibit
 "Joint Air Operations Agreement".)
 [52] DeLany 1714
 DeLany 1724
 Kay 3951
 McMorris 2869
 Short 457
 Stimson 4051
 White 2006
 Wilson 922
- Contra*----- Herron 237
- Not considered strong enough for attack----- Fielder 2989
 McMorris 2880
 White 1998
 Wilson 1365
- Probable attack on Russia----- Fielder 2974
 G-2 Est. 3685-3686
 G-2 Est. 3694
 Gerow 4230
 Short 279
 Gerow 4264
- Probability of attack by----- Allen 3108
 Arnold 154
 Arnold 157
 Arnold 166
 Arnold 175
 Arnold 181
 Bellinger 1590-1591
 Bloch 1486
 Bloch 1503-B
 Bloch 1517
 Brooks 979-981
 Bryden 908
 Burgin 2599
 Burgin 2614
 Burgin 2638
 Burgin 2647
 Burgin 2650
 Burgin 2656
 Coll 3166
 Davidson 4150
 DeLany 1724
 Dillingham 2780-2781
 Dillingham 2785
 Donegan 1962-1963
 Elliott 1004
 Farthing 841
 Fielder 2983

JAPAN—Continued

-Probability of attack by-----

[53]

G-2 Est. 3688
 Grew 4213
 Gerow 4229
 Gerow 4250-4252
 Gerow 4305
 Gerow 4332
 Graves 4348
 Hayes 259
 Herron 214
 Herron 230-231
 Herron 239
 Kay 3950
 Kimmel 1756-1757
 Kimmel 1771
 Kimmel 1773-1774
 Kimmel 1776
 Kimmel 1777-1778
 Kimmel 1781
 Kimmel 1792
 King 2700
 Layton 3064-3065
 Lockard 1033
 Marshall 7
 Marshall 9
 Marshall 50
 Martin 1899
 McMorris 2872
 McMorris 2885
 McMorris 2887
 Midkiff, P. 2804-2805
 Midkiff, P. 2827
 Midkiff, J. 2837
 Miles 103
 Miles 105
 Miles 106-107
 Miles 118
 Mollison 792
 Mollison 794
 Mollison 803
 Petrie 2712
 Petrie 2719
 Phillips 1111
 Phillips 1115
 Phillips 1117
 Phillips 1128-1129
 Phillips 1132
 Phillips 1135
 Phillips 1150
 Phillips 1158-1159
 Poindexter 3160
 Poindexter 3157
 Poindexter 3159
 Powell 3891
 Rochefort 1652-1654
 Rudolph 1221
 Rudolph 1233-1234
 Short 284-285
 Short 356-358
 Short 418
 Short 427
 Short 429-430
 Short 432
 Short 469
 Short 485-486
 Short 531-532

[54]

3306 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

JAPAN—Continued

-Probability of attack by.....	Short 4417 Short 4433 Short 4440 Stimson 4051 Stimson 4082 Taylor 1076 Walker 970 White 1998 White 2011 White 2007 Wilson 1355 Wilson 1361
--Air attack probable.....	Bergquist 1203-1204 DeLany 1727-1728 Hayes 268 Hill 2935 King 2701 Marshall 17 Martin 1837 Midkiff, F. 2824 Miles 103 Miles 105 Murray 3083 Murray 3091 Stimson 4066 Stimson 4072 O'Dell 4513
--Australian intelligence report.....	Donegan 1961
--Discussed often.....	Ferguson 4396 Grew 4203 Kimmel 1778 Short 451 Kimmel 1779 Martin 1823 McMorris 2890-2891 Short 4444 Welch 2009
--Grew memo.....	Short 389
--Nothing done to avoid surprise attack.....	Bicknell 1413-1418 Kimmel 1778 Short 451 Arnold 182 Bellinger 1579 Martin 1823 Martin 1830 Short 4441 Ferguson 4389-4391 Kogan 1677 DeLany 1726 Donegan 1938 Hayes 259 Kimmel 1767 Kimmel 1803-1804 McMorris 2879 Short 368 Short 369 Short 461-462 Stimson 4064 Stimson 4066 Short 368-369
--Plan, in case of surprise.....	Kimmel 1757 Kimmel 1802 Layton 3041 McMorris 2870 Pye 1040-1043
--Predicted by G-2.....	
--Predicted by Grew, 27 January 1941.....	
[55] --Predicted in Joint Air Operations Agreement.....	
--Rumors.....	
--S/N ltr, 24 January.....	
--Copy to Short.....	
--Submarine danger.....	

JAPAN—Continued

-Probability of attack by—Continued

--Surprise invasion impossible.....

Marshall 17
Midkiff, F. 2825

Wilson 1351

Wilson 1354

Fielder 2974

Walsh 1387

-Ships ceased use of ports 2 months before.....

Ferguson 4396

Gerow 4320

Gerow 4330

Grew 4207-4208

Grew 4215

Hull 4479-4480

Kimmel 1812

Short 4427

Stimson 4079

-Ultimatum, 26 November.....

[56] -War considered imminent.....

Coll 3168

Fielder 2986

Fielder 2988

Ferguson 4388

Gerow 4229

Gerow 4237

Gerow 4329

Graves 4348

G-2 Est. 3684

Hull 4483

Kay 3940

Martin 1854

McMorris 2868

McMorris 2886

Midkiff J. 2836

Murray 3091

O'Dell 4514

Short 467-468

Short 531

Short 4413

Short 4418

Short 4427

Stimson 4050

Stimson 4053

Stimson 4061

-- Contra.....

Davidson 4143-4144

Davidson 4150-4151

Donegan 1938

Layton 3062

Midkiff F. 2807

Petrie 2714

[57] JAPANESE IN HAWAII (See also ALERT
NO. 1; JAPAN—caution not to provoke;
and related titles.)

Midkiff F. 2810

Midkiff F. 2813

Petrie 2718

Wells 2736

Wells 2742

White 2004-2005

-Alien registration.....

Fielder 2991

Short 401-405

Taylor 3254

-Espionage.....

Fielder 2966

Fielder 2978

Fielder 2986

Fielder 3008

Kay 3941

King 2706

McMorris 2884

Pratt 1973

Shivers 3206-3207

Shivers 3209

3308 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

JAPANESE IN HAWAII—Continued

-Espionage-----	Shivers 3218 Shivers 3223 Short 4420 Taylor 3151 Wells 2739
--None before 7 December-----	Pratt 1974-1976
-G-2, Alert for disloyalty-----	Fielder 2952 Fielder 2980 Martin 1854
-Jamming radios, 7 December-----	Fielder 3006-3007 Martin 1911-1912 Powell 3901 Allen 3118
-Loyalty expected-----	Dillingham 2769 Dillingham 2770 Dillingham 2775 Fielder 2948 Hayes 262 Herron 224 Meurlott 3921 Pratt 1987 Wells 2733 Wells 2735 Wilson 1364
[58] --Contra-----	Farthing 838 Hayes 255 Hill 2940 King 2702 Locey 2793-2794 Martin 1829 Midkiff F. 2809 Moody 3200 Pratt 1973 Pratt 1981-1983 Wells 2741 White 1990 White 1999-2000
-“Most Probable Danger”-----	Dingeman 3196 Fielder 2949 Fielder 2953 Fielder 2957 Martin 1834 Martin 1836-1837 McMorris 2890 Midkiff F. 2812 Phillips 1134
-Not arrogant, merely uneasy-----	Short 433 Short 457
-Number of-----	Burgin 2647 Fielder 2947 King 2704 Lawton 2687 Marshall 50 Meurlott 3920 Petrie 2715 Petrie 2717 Phillips 1111 Phillips 1133 Poindexter 3162 Short 289 Wells 2727

JAPANESE IN HAWAII—Continued

-Sabotage by, none before 7 December-----	Anderson 2488 Dillingham 2771 Herron 225 Kay 3941 Lynch 2371 Martin 1829, 1832 Wells 2740 91 White 19
--Contra-----	Wilson 926
[59] -Sabotage by, not expected-----	Herron 225 Hill 2937 Meurlott 3922 Midkiff F. 2826 Midkiff J. 2839 Petrie 2750
--Contra-----	Burgin 2611 Burgin 2648 Fielder 2952 Fielder 2956 Fielder 2958 Fielder 2962-2964 Fielder 3009 Flood 2855 Hain 3315 Hain 3340 Hain 3342 Kay 3949 Lawton 2682 Lawton 2684 Lawton 2688 Locey 2796 Marshall 50 Martin 1830 Martin 1900 McMorris 2870 Mollison 809 Poindexter 3159 Poindexter 3161 Poindexter 3162 Pratt 1974 Seanlon 4166 Seanlon 4181 Short 289 Short 527 Welch 2009 White 1996
[60] KIMMEL	
-CINCPAC, 1 February '1941 (See also ARMY-NAVY COOPERATION,- Conferences Short and Kimmel.)	Kimmel 1735
-Duties-----	Kimmel 1736-1738 Kimmel 1739-1745 Kimmel 1747 Kimmel 1789 Bicknell 1422-1423 Fielder 2964 Pratt 1973 Shivers 3206-3207 Shivers 3218
KUHN, OTTO-----	

3310 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

LOCAL JOINT PLANNING COMMITTEE (See HAWAIIAN DEFENSE.)

[61] MARSHALL, GENERAL GEORGE C. (See also AIRCRAFT WARNING SERVICE; ALERT NO. 1; JAPAN,-Attack a surprise; JAPAN,-Probability of Attack; and related titles.)	Bryden 905 Marshall 40 Gerow 4335
-Authority to sign "Marshall"-----	Marshall 36 Stimson 4061 Gerow 4243
-Away on 27 November-----	
-Chief of Staff	
--Initials on document-----	Bryden 904 Marshall 39
-Communications with Short (See also SHORT,-Msgs, WD and TAG.)	
--All in WD files-----	Marshall 19
--Ltr 5 March-----	Marshall 19-20
--Ltr 15 March-----	Marshall 21-25
--Ltr 14 April-----	Marshall 26-27
--Ltr 5 May-----	Marshall 27-28
--Message 7 December (See also SHORT,-Msg WD, 7 Dec.)	
---Washington Signal Office handling-----	French 187-206
--Message re AWS "eyes alone" May 1941-----	Fleming 1271
--Personal letters-----	Marshall 20
--Letters, not "specific directives"-----	Marshall 33
--Ltr 7 February-----	Marshall 13 Short 354
--Ltr 19 February-----	Short 321-323
--Letter received 29 May-----	Marshall 28
--Letter 10 October-----	Marshall 29
--Letter, 14 October-----	Marshall 31-32
[62] --Letter 28 October-----	Marshall 30
--Message, WD, 27 November (See also under SHORT, -Msg, WD, 27 Nov.)	Bryden 900-905 Scanlon 4183 Short 417
---Participation in-----	Bryden 903 Marshall 40-42 Stimson 4069
-Reply to 27 November message-----	Gerow 4280 Gerow 4289-4291 Gerow 4287-4288 Marshall 38 Short 286-287 Short 380 Short 419-420 Short 4432 Short 4438 Stimson 4061-4062 Stimson 4084
MARTIAL LAW-----	Dillingham 2777 Taylor 3254
-Delared 8 December-----	Fielder 2946 Short 318-320

- [63] NAVY (See also ARMY-NAVY AGREEMENTS; ARMY-NAVY COOPERATION; ARMY-NAVY EXCHANGE OF INFORMATION; KIMMEL; NAVY MISSION IN HAWAII; RECONNAISSANCE; and related titles.)
- Agreements with Army (See ARMY-NAVY AGREEMENTS.)
 - Base Defense Air Force----- Bellinger 1576-1585
Bellinger 1589
Bellinger 1590-1591
Bellinger 1593-1596
Bellinger 1603-1604
Bellinger 1625-1628
Bellinger 1640
Bloch 1476
Bloch 1521-1523
 - CINCPAC not restricted on Fleet use----- McMorris 2881
 - Condition No. 1----- Bloch 1497
Bloch 1530
Pye 1066-1067
 - Daily reports by----- Bellinger 1607
Herron 222
Kimmel 1765
Bloch 1512
DeLany 1725
 - Defensive deployments, not Navy term-----
--Contra, used by Adm. DeLany-----
 - Joint Coastal Frontier Defense Plan (See ARMY-NAVY AGREEMENTS.)
 - Ltr, S/N to S/W, 24 January 1941. (See under JAPAN.)
 - Ltr, January 25, Richardson to S/N (See under JAPAN, -Probability of attack by.) Kimmel 1802-1803
 - Ltr, 14 October, 2-CL-41----- Bloch 1480
Kimmel 1747
Kimmel 1749-1750
 - Message 16 October, new Jap cabinet * (See also SHORT, -Msg WD 16 October.) Bellinger 1596
Bloch 1503-A
DeLany 1723
Gerow 4230-4231
Gerow 4264
Hain 3305
Short 279
Short 344
Short 412
- [64]
- Message 27 November (See ARMY-NAVY EXCHANGE OF INFORMATION, -War Warning Message 27 Nov.)
 - Message, ONI, 1 December, Jap carriers----- Kimmel 1769
 - Messages, 3, 4 and 6 December (See also under ARMY-NAVY EXCHANGE OF INFORMATION.) Bloch 1513-1514
 - Messages to CINCPAC----- McKee 80
Fielder 2966
DeLany 1701-1703
Layton 3061
Layton 3063
Rocheftort 1651
Rocheftort 1655-1660
Rocheftort 1664
Shivers 3214
 - Naval Intelligence (See also ARMY-NAVY EXCHANGE OF INFORMATION, -G-2-ONI.) Fielder 3000
Layton 3031-3032
Layton 3051
McMorris 2885
Rocheftort 1650-1652
Rocheftort 1655-1656
Rocheftort 1658-1664
 - Activities limited (See also JAPAN, -Fleet Movements; ARMY-NAVY EXCHANGE OF INFORMATION, -G-2-ONI.)

3312 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

NAVY—Continued

-Naval plane program, 1940-----	Bellinger 1581 Bloch 1536
[65] -Navy message 24 November-----	Bellinger 1597 Bloch 1503-B and -C DeLany 1723 Fielder 2996 Gerow 4258 Herron 238-240 McKee 80 Short 414
-Navy message 6 December re Jap papers-----	Bloch 1513-1515 Herron 235-240
[66] NAVY MISSION IN HAWAII-----	McKee 64 McKee 72 McMorris 2885 McKee 70
-Hawaiian Defense SOP-----	Bloch 1470-1473
-Kimmel and Bloch, relations between-----	McKee 60
ORANGE PLAN—obsolete	Bloch 1474
RAINBOW PLAN (See also HAWAIIAN DE- FENSE--SOP 5 November.)	Bloch 1479-1480 Bloch 1512 Gerow 4325 McKee 58-59 McKee 61-63 McKee 67-68 McKee 76 McKee 84 Mollison 792 O'Dell 4512 Phillips 1158 Short 280-281
[67] RECONNAISSANCE (See also AIRCRAFT WARNING SERVICE; ALERTS IN HA- WAI; ALERT NO. 1; HAWAIIAN DE- FENSE; NAVY; SHORT; and related titles.)	
-Army never asked Navy-----	Phillips 1241
-By Army-----	Burgin 2600 Hain 3331 Hayes 246 Kimmel 1744-1745 Kimmel 1809 Marshall 47 Marshall 48-49 Martin 1817 Martin 1844 Mollison 812 Pye 1054 Pye 1067 Short 280-281 Short 367-368 Short 374 Short 375-376 Short 469 Short 486
--Incidental to training-----	Herron 213-214 Martin 1821 Martin 1842 Martin 1851-1852 Rudolph 1224 Short 486
--Insignificant-----	Burgin 2599 Herron 212 Herron 233 Lawton 2666 Lawton 2674 Mollison 823

RECONNAISSANCE—Continued

By Army—Continued

--Insufficient planes (See also HAWAIIAN DEFENSE, -Planes available)	Davidson 4138 DeLany 1705 Hain 3334 Martin 1873 Martin 1874-1875 Martin 1875-1877 Short 281 Short 324 Short 377-378 Short 383-385 Stimson 4068-4069 Martin 1851
---Contra	Martin 1851
[68] --Not ordered by Short	Gerow 4274 Phillips 1141 Short 4436-4437 Stimson 4063 Wilson 1349
--Ordered by War Department	Gerow 4250-4252 Gerow 4271 Gerow 4275 Martin 1842 Phillips 1111 Stimson 4063 Gerow 4272 Kimmel 1761 Martin 1894 Mollison 812
--Planes available	Short 473
--Sunday, day off	McKee 88-89 Lawton 2667 Short 374
-By Army, where Navy failed, duty of Short	Kimmel 1805 Kimmel 1738-1743
---Contra	Bellinger 1602-1063 Bellinger 1608 Bellinger 1623-1625 Bellinger 1634 Bloch 1484 Bloch 1487 Bloch 1524 Bloch 1525-1527 Bloch 1532-1534 Burgin 2650 DeLany 1704-1707 DeLany 1721 Gerow 4323 Hayes 245 Herron 211 Herron 218 Herron 220 Kimmel 1738 Kimmel 1741 Kimmel 1743 Kimmel 1745 Kimmel 1753-1754 Lawton 2667 Marshall 47 Martin 1817 Miles 124 Mollison 810-811 Mollison 818-820 Mollison 825-826 Pye 1038-1040 Pye 1054-1055
-Distant by Army, GHQ AC, duty	
-Distant by Navy	

3314 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

RECONNAISSANCE—Continued

-Distant by Navy-----	Pye 1062 Pye 1067 Rudolph 1232 Rudolph 1233-1234 Short 281-282 Short 373 Short 378-379 Short 380 Short 383 Short 393-394 Stimson 4071 White 2005 Wilson 1352
--Complaints by Martin-----	Martin 1846-1847
--G-3 never asked Navy-----	Donegan 1951 Lawton 2674
--Lack of confidence in-----	Lawton 2678 Martin 1856 Midkiff F. 2831 Rudolph 1232
--Navy never requested Army planes for-----	Short 303
--Navy patrols-----	Bellinger 1599-1600 Bloch 1483-1484 Bloch 1524-1525 Burgin 2645 DeLany 1725 Hayes 247 Kimmel 1763 Martin 1820-1821 Midkiff F. 2807 Short 357-360
--Patrols best reconnaissance-----	Short 384
--Reconnaissance merely incidental-----	Kimmel 1773 Lawton 2673 Lawton 2677 McMorris 2885 Bellinger 1598
[70] --Navy, planes available-----	Bellinger 1602-1603 Bellinger 1612-1619 Kimmel 1761 Kimmel 1794-1795 Kimmel 1810-1811 Lawton 2676 Short 456
--Insufficient-----	Bloch 1493-1494 DeLany 1705 Herron 221 Kimmel 1738-1739 Kimmel 1751-1752 Kimmel 1763 Kimmel 1806 Martin 1873 Mollison 824 Moody 3199 Short 375
--None, 7 December-----	Bellinger 1630-1631
--Not cover vs. air raids-----	Lawton 2673 Lawton 2677 Martin 1822
--Route used unknown-----	Burgin 2600 Burgin 2672 Martin 1822 Martin 1856-1857 Mollison 811 Short 375 Short 475 Lawton 2672

RECONNAISSANCE—Continued

-Distant by Navy—Continued	
--Short not informed as to.....	Short 359-360 Short 375-376 Short 475
-- <i>Contra</i>	Bloch 1489-1490 Martin 1847 Short 4438 Kimmel 1772
--Short's reliance on.....	Burgin 2600 Donegan 1950 Fielder 2989-2990 Moody 3199 Short 356-360 White 2001
-- <i>Contra</i>	Short 375
[71] --Sunday, day off.....	Brooks 993 Mollison 811
--Task forces, all Short knew about.....	Short 384 Short 4438
-Distant considered unnecessary.....	Lawton 2674 Short 4439
-Joint Air Operations Agreement (See also ARMY-NAVY AGREEMENTS).	Bellinger 1582 Gerow 4321 Short 387-389
-Letter, Herron to Marshall, 15 October 1940, re Navy.	Herron 214
-None 7 December.....	Short 453-455 Short 472-473
-Not discussed by Short and Kimmel 27 November conference.	Mollison 793
-Not well coordinated.....	Arnold 186 Midkiff F. 2831 Miles 107
-Recommended by WPD.....	Burton 854
[72] ROHL, HANS WILHELM (See also WY- MAN, COL. THEODORE).	Fleming 1287-1288 Fleming 1291 Fleming 1297 Hayes 272 Kingman 561-562 Lorence 1679-1682 Marshall 51 Schley 647 Schley 656 Short 513 Robins 700
-Did not delay defense work.....	Bicknell 1435 Rohl 2275
-- <i>Contra</i>	Combs 2446-2447 King 2533-2534 Pine 2392
-False rumor of death.....	Reybold 611
-Furnished equipment for Canal Project.....	Robins 719 Burton 885
-Hawaiian Contractors, dominant figure in.....	Lewis 1182-1184 Robinson 3591 Woolley 3771-3772 Wyman 3527
-Investigation of.....	Bicknell 1430 Fielder 3000
-Knew nothing about AWS.....	Rohl 2268
-Plack, Werner, friendship with.....	Combs 2429 Flannery 2516-2522 Lewis 1167-1168 Lewis 1175-1177 Pine 2387-2390 Wyman 3583

3316 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

ROHL, HANS WILHELM—Continued

- Reliability of-----
- [73]
- Alleged drinking-----
- Questionable-----
- Rohl and Wyman (See under WYMAN.)
- Rohl citizenship-----
- [74]
- Combs 2448
 Connolly 2185-2186
 Fleming 1326
 Gesler 944
 Horne 2507
 Reybold 577
 Revbold 607
 Robins 704
 Robins 714
 Row 2152
 Stilphen 1557-1558
 Stilphen 1561
 Wyman 3511
 Wyman 3527
 Wyman 3561
 Anstey 4023
 Bicknell 1433-1434
 Burton 869-870
 Clarke 3635
 Claterbos 4101
 Fielder 3002
 Fleming 1296
 Harrington 3959
 Harrington 3964
 Harrington 3970
 Hunt 767
 King 2526
 King 2544
 King 2555
 Marston 3145
 Mourlott 3925
 Pine 2393-2394
 Robinson 3592
 Schlesinger 3288-3289
 Schlesinger 3297
 Short, A. T. 3648
 Wyman 3532
 Zucca 2595
 Bartlett 2500-2508
 Combs 2442
 Combs 2446
 Combs 2449
 Dillingham 2760-2761
 F. B. I. 4028-4030
 Hunt 749
 Hunt 771
 King 2525-2528
 Lewis 1184
 Pine 3992
 Pratt 1979
 Robinson 3594
 Barber 3972-3974
 Barber 3983
 Bicknell 1433
 Butterfield 4104-4115
 Butterfield 4119
 Burton 855-860
 Burton 879
 Carmichael 4017-4018
 Claterbos 4098
 Combs 2428
 Combs 2439-2442

ROHL, HANS WILHELM—Continued

-Rohl, citizenship-----

Combs 2453
 Connolly 2160
 Connolly 2167-2171
 Connolly 2176
 Connolly 2179
 Connolly 2181
 Connolly 2188
 Connolly 2192-2193
 Dillon 4187
 Furbush 4339-4345
 Gesler 934-941
 Gesler 953-954
 Gesler 955
 Grafe 2305-2306
 Grafe 2310
 Grafe 2312
 Grafe 2315-2316
 Grafe 2320
 Hannum 2036
 Hannum 2054
 Horne 2202-2204
 Hunt 767
 Kingman 545-553
 Kingman 560-566
 Lewis 1169-1170
 Lewis 1181
 Lorence 1682
 Lorence 1688-1691
 Martin 2325-2330
 Martin 2335-2336
 Martin 2340
 Martin 2343
 Martin 2345-2346
 Martin 2347-2350
 Pine 2377-2381
 Pine 3992
 Pine 3996
 Reybold 576
 Robins 702-703
 Robins 706-708
 Robins 724
 Rohl 2225-2226
 Rohl 2235
 Rohl 2240
 Rohl 2263
 Rohl 2273-2274
 Row 2107-2108
 Row 2111-2113
 Shoemaker 4367-4383
 Stilphen 1542-1555
 Stilphen 1561-1568
 Stilphen 1572-1574
 Wyman 3503-3507
 Wyman 3533
 Wyman 3552
 Wyman 3560
 Wyman 3579
 AFF-Wyman 3853
 AFF-Wyman 3860-
 3866
 AFF-Wyman 3878

3318 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

[76] SHORT (See AIRCRAFT WARNING SERVICE; ARMY-NAVY AGREEMENTS, CO-OPERATION, and EXCHANGE OF INFORMATION; ATTACK ON PEARL HARBOR; HAWAIIAN DEFENSE PROJECTS; JAPAN; KIMMEL; MARSHALL; and related titles and subtitles.)

- Caution not to alarm public----- Allen 3100
- Burgin 2609
- Burgin 2621
- Burgin 2627-2628
- Burgin 2629-2630
- Burgin 2642
- Burgin 2647
- Burgin 2653
- Dingeman 3195-3196
- Gerow 4276
- Gerow 4321
- Kimmel 1756
- Lawton 2681
- Phillips 1111
- Scanlon 4169
- Short 427-428
- Short 532-533
- Throckmorton 1394
- Throckmorton 1396-1397
- Wilson 1370
- Wilson 1375

--Contra-----

- Prior maneuvers did not alarm (See also ALERTS IN HAWAII, -Alarmed Public.)
- Chief of Staff, Col. Phillips, criticized----- Poindexter 3156
- Burgin 2651
- Throckmorton 1398
- Burgin 2625
- Burgin 2626
- Donagan 1946
- Hayes 265
- Pratt 1978
- Throckmorton 1408-1409

-Communications with Marshall (See MARSHALL, -Communications with Short.)

- [77] -Conferences with subordinates----- Burgin 2624
- Burgin 2662
- Burgin 2663
- Hayes 264
- Murray 3084
- Murray 3087
- Murray 3097
- Rudolph 1227-1228
- Coll 3178

- Considered guilty----- Dillingham 2784
- Gerow 4274
- Herron 238

- Considered O. K.----- Dillingham 2746-2747
- Gerow 4327
- Hill 2937
- Locey 2789
- Locey 2802
- Midkiff F. 2804
- Midkiff F. 2830
- Midkiff J. 2842
- Midkiff J. 2846
- Poindexter 3154

-Criticized (See also ALERT NO. 1, -Not a mistake, -Contra.)

- Allen 3113
- Allen 3119
- Burgin 2607
- Burgin 2613
- Dillingham 2780

SHORT—Continued

- Differences with Kimmel (See also ARMY-NAVY COOPERATION) DeLaney 1732
- Question of joint command..... Kimmel 1760
- Short 302
- Contra* (See also ARMY-NAVY CO-OPERATION, -Conferences, Short and Kimmel). Kimmel 1777
- District engineer not under..... Short 500
- [78] -Failed to order reconnaissance, 27 November Gerow 4274
- Phillips 1141
- Short 378
- Short 4436-4437
- Stimson 4063
- Wilson 1349
- McKee 75
- Herron fully informed, 5-7 February..... Herron 223-224
- Knew of Wyman-Lyman feud..... Bloch 1509
- Fleming 1281-1282
- Fleming 1322
- Letter from Arnold about air routes..... Short 332
- Letter, 15 March 1941, air attack vulnerability... Marshall 21
- Letter to War Department, 10 June..... Short 369
- Letter to Kimmel, 5 August re AWS..... Short 485
- Letter, civilians, to President, 22 December, complimenting Short Midkiff F. 2803-2805
- Short 342-343
- Wells 2723
- Letter from Governor, 23 December, complimenting work Short 338-341
- Messages, WD changes military situation..... McKee 76
- Message, no WD, that war inevitable..... Short 449
- Ultimatum, 26 November..... Kimmel 1812
- Short 451
- Message to AG, 10 June..... Short 326
- Short 488
- Short 503
- Short 512
- Short 327
- Message from AG, 26 June..... Marshall 33-35
- Message, TAG, 7 July..... Stimson 4055
- [79] -Messages from WD, none from July-16 Short 448
- October
- Message, WD, 16 October (See also NAVY, Bloch 1503-A
- Message, 16 Oct. new Jap cabinet) Hain 3305
- Short 279
- Short 344
- Short 447
- Stimson 4055
- Message, WD to, No. 266, 18 October..... Short 412-413
- Same message, 20 October..... Hain 3307
- Gerow 4257
- Gerow 4264
- Stimson 4055
- Message, WD, 27 November..... Arnold 154
- Arnold 169
- Burgin 2620
- DeLaney 1698
- Dingeman 3197
- Donegan 1942-1943
- Gerow 4233
- Gerow 4268-4272
- Fielder 2996
- Hain 3307
- Hain 3309
- Hayes 267
- King 2703
- Lawton 2678

3320 CONGRESSIONAL INVESTIGATION PEARL HARBOR ATTACK

SHORT—Continued

Message, WD, 27 November.....	Lawton 2680
	Lawton 2690
	Layton 3041
	Marshall 35-40
	Martin 1826
	Martin 1835
	Martin 1842
	Miles 115
	Mollison 792
	Murray 3086
	Murray 3094
	Murray 3095
	Phillips 1111
	Pratt 1975-1976
	Pye 1048
	Scanlon 4183
	Short 280-282
	Short 286
	Short 447
	Stimson 4056
	Stimson 4083
	Throckmorton 1390
	Welch 2021
	White 1994-1995
	Wilson 1347-1348
	Bloch 1508
--Bloch not informed of.....	Gerow 4250-4253
--Interpretation.....	Gerow 4256
	Gerow 4277
	Gerow 4284
	Gerow 4293
	Gerow 4300
	Gerow 4321
	Gerow 4328
	Marshall 43
	Short 4436-4437
	Stimson 4071-4076
	Throckmorton 1402
	Wilson 1376-1378
	Gerow 4303
	Miles 118
	Phillips 1121
--Miles objections to Arnold about.....	Short 416
--Staff sections notified of.....	Short 469
-Message, Navy 27 November (See also ARMY	Burr 3070
NAVY EXCHANGE OF INFORMATION,	Kimmel 1779
-War Warning Message.)	Layton 3058
	Arnold 173
	Fielder 2962
	Fielder 2998
	Gerow 4237
	Gerow 4260
	Gerow 4298
	Hain 3315
	Lawton 2679
	Marshall 35
	Miles 116-117
	Phillips 1128
	Phillips 1131
	Phillips 1142
	Scanlon 4182
	Stimson 4083
--Informed of.....	
-Message, G-2 WD, to G-2 HD, 27 November....	

[80]

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[81] -Message, TAG, No. 482, 28 November....	Arnold 170-171 Arnold 174-177 Bryden 907 Hain 3310 Marshall 41 Miles 117 Scanlon 4164-4165 Scanlon 4168 Scanlon 4174-4178 Short 293-294 Stimson 4083
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