

## BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

## NAVAREA IV

Messages in force 301200Z March 2000:

1999 series	2000 series	50(GEN)	71(GEN)	96(11)	100(GEN)
216(26)	13(11)	65(24,25)	77(GEN)	98(GEN)	101(11)
441(GEN)	49(GEN)	70(11)	94(GEN)	99(28)	102(GEN)

The summary of all NAVAREA IV messages in force as of 9 December 1999 is given in Section III of NM 52/99. Warnings issued during the subsequent quarter are issued in NM 13/00.

## NAVAREA IV WARNINGS issued from 231100Z to 301200Z March 2000.

92/00 and 93/00. CANCELED.

94/00(GEN).

1. NAVAREA IV MESSAGES IN FORCE 240800Z MAR 2000. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2000 SERIES: 65(24,25), 70(11), 71(GEN), 77(GEN), 86(11), 91(24), 92(GEN), 93(24).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 09 DEC 1999 IS GIVEN IN SEC III OF NM 52/99.
3. CANCEL NAVAREA IV 89/00.

(241005Z MAR 2000)

95/00. CANCELED.

96/00(11). GULF OF MEXICO.

1. DERELICT VESSEL PARTIALLY SUBMERGED IN 29-39N 083-26W.
2. CANCEL THIS MSG 31 MAR.

(241718Z MAR 2000)

97/00. CANCELED.

98/00(GEN). GPS SATELLITE SYSTEM.  
PRN 14 UNUSABLE.

(270117Z MAR 2000)

99/00(28). MEXICO. BAHIA DE CAMPECHE. NAVAL EXERCISES.

1. THE GOVERNMENT OF MEXICO HAS DECLARED THE FOLLOWING AREAS OF THEIR TERRITORIAL SEA CLOSED TO INNOCENT PASSAGE AS FOLLOWS:
  - A. 01 THRU 10 MAY, 01 THRU 10 JUN, 01 THRU 10 NOV AND 01 THRU 10 DEC IN AREA BETWEEN 23-00.0N 23-30.0N AND 097-32.5W 097-42.5W.
  - B. 27 THRU 31 MAR, 01 THRU 10 MAY, 01 THRU 10 JUN, 11 THRU 20 OCT, 01 THRU 20 NOV AND 01 THRU 20 DEC IN AREA BOUND BY 18-52.3N 095-05.8W, 18-40.2N 094-42.5W, 18-43.8N 095-10.2W, 18-32.2N 094-47.0W.
  - C. 27 MAR THRU 31 OCT IN AREA BETWEEN 22-10.0N 22-20.0N AND 091-16.0W 091-34.0W.
2. CANCEL NAVAREA IV 95/00.
3. CANCEL THIS MSG 21 DEC.

(271258Z MAR 2000)

100/00(GEN). GPS SATELLITE SYSTEM.

1. PRN 11 UNUSABLE 301200Z TO 302359Z MAR.
2. CANCEL THIS MSG 310059Z MAR.

(271341Z MAR 2000)

101/00(11). GULF OF MEXICO. MISSILES.

1. HAZARDOUS OPERATIONS 291500Z TO 291900Z MAR, ALTERNATE 301500Z TO 301900Z MAR IN AREA BOUND BY 30-02N 086-48W, 29-43N 085-30W, 29-33N 085-00W, 27-30N 085-00W, 27-30N 086-30W, 29-00N 087-11W.
2. CANCEL THIS MSG 302000Z MAR.

(280005Z MAR 2000)

102/00(GEN). GPS SATELLITE SYSTEM.

1. PRN 19 UNUSABLE 311115Z MAR TO 021115Z APR.
2. CANCEL THIS MSG 021215Z APR.

(300042Z MAR 2000)

## SECTION III

NM 16/00

## HYDROLANTS

Messages in force 301200Z March 2000:

1982 series	1249(51)	2000 series	700(37)	942(53)	1095(24)
1535(23)	1350(37)	13(54)	707(53)	954(37)	1096(24)
1994 series	1353(54)	19(54)	730(54)	963(54)	1099(23,29)
2191(53)	1368(54)	38(37)	747(53)	995(54)	1100(53)
1996 series	1369(54)	62(54)	748(53)	1000(35)	1104(24)
1960(54)	1370(54)	94(54)	761(24)	1024(37)	1105(35)
1998 series	1371(35)	109(24)	765(54)	1042(51)	1106(54)
435(35)	1641(54)	365(24)	772(54)	1045(53)	1107(52)
482(51)	1863(53)	378(35)	775(GEN)	1046(52)	1108(51)
1371(51)	2078(37)	417(GEN)	780(56)	1047(54)	1109(23)
2002(53)	2348(53)	418(GEN)	781(56)	1048(54)	1110(44)
1999 series	2350(37)	480(54)	805(53)	1049(54)	1111(GEN)
540(54)	2461(37)	493(54)	810(24)	1057(GEN)	1112(24)
567(54)	2635(54)	510(36)	812(GEN)	1070(51)	1113(24)
825(35)	2725(37)	512(51)	815(GEN)	1076(35,36)	1114(24)
858(35)	2772(57)	561(54)	820(24)	1078(GEN)	1115(24)
966(35)	2824(57)	564(53)	821(37)	1088(GEN)	1116(24)
1029(35)	2838(36)	651(43)	859(23)	1091(54)	1117(24)
1031(35)	2861(37)	666(57)	861(35)	1092(57)	1118(24)
1182(51)	2863(24)	690(54)	886(56)	1093(53)	1119(24)
1211(54)	2865(52,53)	699(24,25)	892(57)	1094(24)	1120(24)

The summary of all HYDROLANTS in force as of 9 December 1999 is given in Section III of NM 52/99. Warnings issued during the subsequent quarter are issued in NM 13/00.

**HYDROLANT WARNINGS issued from 231100Z to 301200Z March 2000.**

1043/00 and 1044/00. CANCELED.

1045/00(53). SARDEGNA-WEST COAST.

1. SURVEY OPERATIONS 24 MAR THRU 22 APR BY  
M/V URANIA TOWING EQUIPMENT IN AREA BETWEEN  
40-00N 42-00N AND 006-00E 007-30E. WIDE BERTH REQUESTED.
  2. CANCEL THIS MSG 23 APR.
- BT  
NNNN

(231338Z MAR 2000)

1046/00(52). STRAIT OF SICILY.

- CHART 52180 (14TH ED).
1. CAP BON BUOY B 37-02.0N 011-06.3E UNLIT AND  
RACON OFF AIR.
  2. CANCEL HYDROLANT 1002/00(35), AID RESTORED.
  3. CANCEL HYDROLANT 728/00.

(231535Z MAR 2000)

1047/00(54). NORTHERN ADRIATIC SEA. ORDNANCE.

1. ORDNANCE CLEARING OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE IN AREA BETWEEN 45-25-45N 45-27-45N AND  
012-57-00E 013-04-00E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1030/00 AND 1031/00.

(231609Z MAR 2000)

1048/00(54). NORTHERN ADRIATIC SEA. ORDNANCE.

- ORDNANCE CLEARING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
IN AREA BETWEEN 44-34.0N 44-35.0N AND 013-35.5E 013-37.0E.  
WIDE BERTH REQUESTED.

(231629Z MAR 2000)

1049/00(54). NORTHERN ADRIATIC SEA. ORDNANCE.

- ORDNANCE CLEARING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
IN AREA BETWEEN 44-27N 44-28N AND 013-23E 013-30E.  
WIDE BERTH REQUESTED.

(231650Z MAR 2000)

1050/00 thru 1056/00. CANCELED.

1057/00(GEN).

1. HYDROLANT MESSAGES IN FORCE 240800Z MAR 2000. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2000 SERIES: 561(54), 564(53), 584(54), 651(43), 666(57), 699(24,25), 700(37), 707(53), 708(24), 747(53), 748(53), 761(24), 765(54), 775(GEN), 780(56), 781(56), 805(53), 810(24), 812(GEN), 815(GEN), 820(24), 821(37), 859(23), 861(35), 886(56), 892(57), 942(53), 945(24), 954(37), 987(54), 993(35), 994(53), 1000(35), 1003(23,29), 1007(24), 1008(24), 1009(24), 1016(24), 1024(37), 1032(24), 1034(24), 1036(24), 1037(24), 1038(24), 1040(24), 1041(55), 1042(51), 1043(54), 1044(GEN), 1045(53), 1046(52), 1047(54), 1048(54), 1049(54), 1050(35), 1051(56), 1052(23), 1053(24), 1054(24), 1055(24), 1056(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 09 DEC 1999 IS GIVEN IN SEC III OF NM 52/99.
3. CANCEL HYDROLANT 1053/97, 1147/98, 1692/98, 1256/99, 1265/99, 1393/99, 2582/99, 961/00, 1023/00.

(241244Z MAR 2000)

1058/00 thru 1069/00. CANCELED.

1070/00(51). AFRICA-WEST COAST.

- 11 METER S/V TERRY, WHITE HULL, TWO PERSONS ON BOARD, OVERDUE, REPORTED IN 24-23.2N 018-02.9W ON 15 MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC FORT DE FRANCE, TELEX: 912008, PHONE: 59 671 9292, FAX: 59 663 2450.

(250950Z MAR 2000)

1071/00 thru 1075/00. CANCELED.

1076/00(35,36). NORTH ATLANTIC. ORDNANCE.

1. BOMBING EXERCISES 27 MAR THRU 03 APR IN AREA BOUND BY 48-00N 013-40W, 47-00N 016-40W, 50-55N 019-30W, 51-45N 016-25W.
2. CANCEL THIS MSG 04 APR.

(261534Z MAR 2000)

1077/00. CANCELED.

1078/00(GEN). GPS SATELLITE SYSTEM.  
PRN 14 UNUSABLE.

(270127Z MAR 2000)

1079/00 thru 1087/00. CANCELED.

1088/00(GEN). GPS SATELLITE SYSTEM.

1. PRN 11 UNUSABLE 301200Z TO 302359Z MAR.
2. CANCEL THIS MSG 310059Z MAR.

(271347Z MAR 2000)

1089/00 and 1090/00. CANCELED.

1091/00(54). IONIAN SEA.

1. OCEANOGRAPHIC OPERATIONS 28 MAR THRU 04 APR BY M/V ODIN FINDER ALONG TRACKLINE BETWEEN 36-42.0N 018-00.0E AND 36-41.1N 018-05.9E.
2. CANCEL THIS MSG 05 APR.

(271705Z MAR 2000)

1092/00(57). SOUTH ATLANTIC.

- MAN OVERBOARD FROM M/V TENEDOS VICINITY 16-01.56S 010-52.17E AT 250700Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(272129Z MAR 2000)

1093/00(53). GULF OF LION.

1. UNDERWATER CABLE OPERATIONS IN PROGRESS UNTIL 312359Z MAR BY CABLESHIP CASTOR II IN AREA BOUND BY 43-02.8N 005-51.6E, 43-03.4N 006-00.0E, 42-56.5N 006-00.0E, 42-56.5N 005-42.9E.
2. CANCEL THIS MSG 010059Z APR.

(280130Z MAR 2000)

## SECTION III

NM 16/00

- 1094/00(24). BRAZIL-EAST COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 MAR BY  
M/V GECO EAGLE TOWING EIGHT 7408 METER LONG CABLES  
IN AREA BETWEEN 21-23S 21-38S AND 038-35W 040-35W.  
FIVE MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 31 MAR.  
(280620Z MAR 2000)
- 1095/00(24). BRAZIL-SOUTH COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 MAR BY  
M/V GECO DIAMOND TOWING EIGHT 5556 METER LONG  
CABLES IN AREA BOUND BY 23-52S 041-28W,  
24-14S 041-18W, 24-59S 042-44W, 24-36S 042-54W.  
SIX MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 31 MAR.  
(280625Z MAR 2000)
- 1096/00(24). BRAZIL-SOUTH COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 MAR BY  
M/V NORTHERN ACCESS TOWING 8704 METER LONG  
CABLE IN AREA BOUND BY 26-30S 043-45W,  
26-20S 043-25W, 24-20S 044-50W, 24-25S 045-00W.  
FIVE MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 31 MAR.  
(280630Z MAR 2000)
- 1097/00 and 1098/00. CANCELED.
- 1099/00(23,29). SOUTH ATLANTIC. ICE.  
1. VERY LARGE ICEBERGS REPORTED ON 27 MAR:  
A. FOUR MILES BY 16 MILES IN 51-10S 034-39W.  
B. THREE MILES BY 14 MILES IN 60-54S 037-16W.  
C. 12 MILES BY 35 MILES IN 53-20S 037-38W.  
2. CANCEL THIS MSG 04 APR.  
(281436Z MAR 2000)
- 1100/00(53). SARDEGNA-SOUTH COAST. GUNNERY.  
1. GUNNERY EXERCISES 290600Z TO 292159Z MAR AND 050600Z TO  
052159Z APR IN AREA BOUND BY 38-57.0N 008-37.1E,  
38-56.0N 008-27.0E, 38-49.0N 008-26.0E, 38-43.5N 008-41.2E,  
38-46.2N 008-48.0E, 38-50.0N 008-48.0E, 38-55.2N 008-42.5E.  
2. CANCEL THIS MSG 052259Z APR.  
(281704Z MAR 2000)
- 1101/00 thru 1103/00. CANCELED.
- 1104/00(24). BRAZIL-SOUTH COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 MAR BY  
M/V POLAR SEARCH TOWING FOUR 6300 METER LONG  
CABLES IN AREA BOUND BY 25-51S 045-44W,  
25-43S 045-11W, 25-58S 045-12W, 26-06S 045-44W.  
FIVE MILE BERTH REQUESTED.  
2. CANCEL HYDROLANT 1102/00(54,56), FALSE ALERT.  
3. CANCEL THIS MSG 31 MAR.  
(290710Z MAR 2000)
- 1105/00(35). ENGLAND-NORTHEAST COAST.  
CHART 35060 (14TH ED).  
1. LONGSTONE LIGHT 55-39N 001-39W UNRELIABLE  
0800Z TO 1500Z DAILY 29 AND 30 MAR.  
2. CANCEL THIS MSG 301600Z MAR.  
(290820Z MAR 2000)
- 1106/00(54). AEGEAN SEA. MISSILES.  
1. HAZARDOUS OPERATIONS 0500Z TO SUNSET IN PROGRESS  
DAILY UNTIL 31 MAR IN AREA BOUND BY 35-36N 024-07E,  
36-18N 024-07E, 36-18N 024-47E, 35-34N 025-08E,  
35-31N 024-11E.  
2. CANCEL THIS MSG 01 APR.  
(291110Z MAR 2000)
- 1107/00(52). TUNISIA-NORTH COAST. GUNNERY.  
1. GUNNERY EXERCISES 30 MAR THRU 15 APR IN AREA BETWEEN  
37-19N 37-25N AND 009-39E 009-49E.  
2. CANCEL THIS MSG 16 APR.  
(291310Z MAR 2000)

- 1108/00(51). SPAIN-NORTHWEST COAST.  
 CHART 51100 (7TH ED).  
 RADIOBEACON AT CABO SILLEIRO LIGHT 42-06.2N 008-53.8W OFF AIR. (291520Z MAR 2000)
- 1109/00(23). SOUTH ATLANTIC.  
 1. MAN OVERBOARD VICINITY 47-25S 063-05W AT 202106Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT. ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.  
 2. CANCEL HYDROLANT 1090/00. (291540Z MAR 2000)
- 1110/00(44). BALTIC SEA.  
 CHART 44048 (11TH ED).  
 1. DANGEROUS WRECK MARKED BY BUOYS IN 56-17.67N 012-24.30E. THREE MILE BERTH REQUESTED.  
 2. CANCEL HYDROLANT 1103/00(35), AID RESTORED. (292254Z MAR 2000)
- 1111/00(GEN). GPS SATELLITE SYSTEM.  
 1. PRN 19 UNUSABLE 311115Z MAR TO 021115Z APR.  
 2. CANCEL THIS MSG 021215Z APR. (300048Z MAR 2000)
- 1112/00(24). BRAZIL-SOUTH COAST.  
 CHART 24160 (21ST ED).  
 1. RADIOBEACON AND DGPS STATION AT ILHA RASA LIGHT 23-03.8S 043-08.7W INOPERATIVE.  
 2. CANCEL HYDROLANT 1101/00(36). (300620Z MAR 2000)
- 1113/00(24). BRAZIL-NORTH COAST.  
 1. SEISMIC SURVEY 31 MAR THRU 02 APR BY M/V MEZEN TOWING 7408 METER LONG CABLE IN AREA BOUND BY 00-57S 044-59W, 01-42S 043-25W, 00-33N 043-17W, 00-27N 044-43W. FIVE MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 03 APR. (300740Z MAR 2000)
- 1114/00(24). BRAZIL-SOUTH COAST.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY M/V WESTERN KENDA TOWING 8000 METER LONG CABLE IN AREA BETWEEN 31-50S 33-30S AND 049-20W 050-40W. FIVE MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 02 APR. (300745Z MAR 2000)
- 1115/00(24). BRAZIL-NORTH COAST.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY M/V WESTERN MONARCH TOWING EIGHT 5556 METER LONG CABLES IN AREA BOUND BY 04-00N 049-07W, 04-05N 049-11W, 04-33N 048-40W, 04-36N 048-45W. FOUR MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 02 APR. (300750Z MAR 2000)
- 1116/00(24). BRAZIL-NORTH COAST.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY M/V WESTERN INLET TOWING 5556 METER LONG CABLE IN AREA BETWEEN 03-30N 05-00N AND 048-00W 050-00W. FOUR MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 02 APR. (300755Z MAR 2000)
- 1117/00(24). BRAZIL-EAST COAST.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY M/V WESTERN ATLAS TOWING 6000 METER LONG CABLE IN AREA BOUND BY 16-35S 038-30W, 17-15S 038-38W, 16-38S 038-12W, 17-22S 038-18W. FOUR MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 02 APR. (300805Z MAR 2000)

**SECTION III**

**NM 16/00**

1118/00(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY  
M/V RAMFORM VICTORY TOWING EIGHT 7038 METER  
LONG CABLES IN AREA BOUND BY 24-48S 044-51W,  
25-01S 044-14W, 25-46S 044-34W, 25-33S 045-11W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 02 APR.

(300810Z MAR 2000)

1119/00(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY  
M/V RAMFORM VANGUARD AND M/V FALCON EXPLORER  
TOWING TEN 4800 METER LONG CABLES IN AREA  
BOUND BY 23-55.1S 043-14.4W, 25-16.1S 042-38.1W,  
23-39.9S 042-34.6W, 25-01.2S 041-58.2W.  
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 02 APR.

(300815Z MAR 2000)

1120/00(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 APR BY  
M/V CGG HARMATTAN TOWING SIX 6000 METER LONG CABLES  
IN AREA BETWEEN 20-16S 20-22S AND 038-25W 039-30W.  
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 02 APR.

(300820Z MAR 2000)

## SECTION III

NM 16/00

## NAVAREA XII

Messages in force 301200Z March 2000:

1999 series	38(GEN)	73(GEN)	102(18)	107(21)	110(18)
325(16)	39(GEN)	92(16,17)	105(GEN)	108(GEN)	
2000 series	69(16,97)	100(GEN)	106(19)	109(GEN)	

The summary of all NAVAREA XII messages in force as of 9 December 1999 is given in Section III of NM 52/99. Warnings issued during the subsequent quarter are issued in NM 13/00.

## NAVAREA XII WARNINGS issued from 231100Z to 301200Z March 2000.

98/00 and 99/00. CANCELED.

100/00(GEN).

- NAVAREA XII MESSAGES IN FORCE 240800Z MAR 2000. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2000 SERIES: 60(19), 69(16,97), 73(GEN), 89(18), 92(16,17), 93(18,83), 94(21), 95(18), 97(18), 98(GEN), 99(18).
- THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 09 DEC 1999 IS GIVEN IN SEC III OF NM 52/99.
- CANCEL NAVAREA XII 88/00.

(241010Z MAR 2000)

101/00. CANCELED.

102/00(18). NORTH PACIFIC.

CHART 18007 (30TH ED).  
OCEANOGRAPHIC BUOY ESTABLISHED IN 42-54.18N 130-54.63W.

(250045Z MAR 2000)

103/00 and 104/00. CANCELED.

105/00(GEN). GPS SATELLITE SYSTEM.

PRN 14 UNUSABLE.

(270134Z MAR 2000)

106/00(19). HAWAII. MISSILES.

- INTERMITTENT MISSILE FIRING OPERATIONS, 0001Z TO 2400Z DAILY, MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE BETWEEN 1600Z AND 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS AN AREA BOUND BY:
  - 22-00.0N 159-51.0W
  - 22-00.0N 160-00.0W THENCE CCW 3 MILES FROM NIIHAU/LEHUA TO
  - 22-02.7N 160-09.1W
  - 22-03.0N 160-21.0W
  - 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
  - 22-02.4N 159-47.3W (BARKING SANDS TACAN)
  - 22-45.0N 161-25.0W
  - 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
  - 22-02.4N 159-47.3W (BARKING SANDS TACAN)
  - 23-57.0N 160-41.0W
  - 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
  - 22-02.4N 159-47.3W (BARKING SANDS TACAN)
  - 25-47.0N 158-15.0W
  - 23-54.0N 158-15.0W
  - 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
  - 21-58.1N 159-20.5W (LIHUE VORTAC)
  - 22-13.0N 159-42.0W THENCE CCW 3 MILES AND PARALLEL TO THE SHORELINE OF KAUAI
  - 22-00.0N 159-51.0W
- VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182KHZ AM, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH COAST GUARD HONOLULU.
- VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSELS SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
- CANCEL NAVAREA XII 60/00.

(270910Z MAR 2000)

107/00(21). MEXICO-WEST COAST. NAVAL EXERCISES.

1. THE GOVERNMENT OF MEXICO HAS DECLARED THE FOLLOWING AREAS OF THEIR TERRITORIAL SEA CLOSED TO INNOCENT PASSAGE AS FOLLOWS:
  - A. 16 THRU 18 MAY, 20 THRU 22 JUN, 18 THRU 20 JUL, 22 THRU 24 AUG, 19 THRU 21 SEP, 17 THRU 19 OCT AND 14 THRU 16 NOV IN AREA BETWEEN 28-40.0N 28-46.0N AND 118-12.0W 118-22.0W.
  - B. 09 THRU 11 AND 23 THRU 25 MAY, 04 THRU 06 AND 25 THRU 27 JUL, 19 THRU 21 SEP, 03 THRU 05 AND 24 THRU 26 OCT, AND 07 THRU 09 NOV IN AREA BOUND BY 28-10.0N 111-48.5W, 28-16.0N 111-39.5W, 28-08.0N 111-32.5W, 28-02.0N 111-42.0W.
  - C. 27 THRU 31 MAR, 07 THRU 09 APR, 28 APR THRU 30 SEP, 06 THRU 09 OCT, 01 THRU 03, 14, 15 AND 24 THRU 26 NOV, 01 THRU 04 AND 06 THRU 08 DEC IN AREA BETWEEN 21-04.0N 21-14.0N AND 106-09.0W 106-23.0W.
  - D. 14 APR, 17 THRU 19 MAY, 13 THRU 15 JUN, 19 THRU 21 JUL, 15 THRU 22 AUG AND 04 THRU 12 SEP IN AREA BOUND BY 15-46.2N 093-40.0W, 15-40.2N 093-32.0W, 15-41.5N 093-43.5W, 15-35.5N 093-35.7W.
2. CANCEL NAVAREA XII 101/00.
3. CANCEL THIS MSG 09 DEC.

(271320Z MAR 2000)

108/00(GEN). GPS SATELLITE SYSTEM.

1. PRN 11 UNUSABLE 301200Z TO 302359Z MAR.
2. CANCEL THIS MSG 310059Z MAR.

(271349Z MAR 2000)

109/00(GEN). GPS SATELLITE SYSTEM.

1. PRN 19 UNUSABLE 311115Z MAR TO 021115Z APR.
2. CANCEL THIS MSG 021215Z APR.

(300051Z MAR 2000)

110/00(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS TAKE PLACE 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE BETWEEN 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 

A. 34-02N 119-04W.	M. THENCE 3 NAUTICAL MILES FROM
B. 33-52N 119-06W.	AND PARALLEL TO THE SHORELINE TO:
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-37N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREAS DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE IN THE VICINITY OF POINT MUGU OR CROSS THE AREA TO THE SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 97/00.

(300930Z MAR 2000)

## SECTION III

NM 16/00

## HYDROPACS

Messages in force 301200Z March 2000:

1990 series	835(93)	2000 series	326(97)	419(74)	490(GEN)
1218(62)	1043(63)	96(94)	327(22)	421(63)	492(97)
1997 series	1069(93)	144(73)	333(19)	427(19)	493(GEN)
901(62)	1077(93)	152(29)	338(62)	441(93)	495(63)
915(22)	1079(74)	162(74)	341(63)	444(81)	496(63)
1998 series	1092(71)	182(63)	342(93)	448(83)	497(23,29)
418(62)	1123(63)	211(63)	351(74)	452(63)	498(71)
1999 series	1145(62)	216(GEN)	354(71,93)	462(97)	499(74)
86(81)	1155(82)	217(GEN)	359(16,97)	469(76)	502(62)
454(81)	1189(71)	229(62)	360(62)	475(95)	503(81)
494(71)	1234(22)	236(71)	372(74)	478(GEN)	504(GEN)
539(74)	1336(76)	242(76)	377(63)	481(GEN)	505(81)
637(93)	1339(63)	252(71)	378(GEN)	483(71)	506(81,97)
712(73)	1393(71)	276(22)	379(GEN)	486(62)	507(63)
739(83)	1427(71)	286(74)	397(62,63)	487(74)	
806(76)	1441(71)	325(97)	406(71)	488(97)	

The summary of all HYDROPACS in force as of 9 December 1999 is given in Section III of NM 52/99. Warnings issued during the subsequent quarter are issued in NM 13/00.

## HYDROPAC WARNINGS issued from 231100Z to 301200Z March 2000.

479/00 and 480/00. CANCELED.

481/00(GEN).

1. HYDROPAC MESSAGES IN FORCE 240800Z MAR 2000. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2000 SERIES: 252(71), 276(22), 286(74), 316(75), 325(97), 326(97), 327(22), 333(19), 338(62), 341(63), 342(93), 351(74), 354(71,93), 359(16,97), 360(62), 372(74), 377(63), 378(GEN), 379(GEN), 397(62,63), 406(71), 419(74), 421(63), 427(19), 441(93), 444(81), 448(83), 452(63), 460(73,74), 462(97), 469(76), 470(23,29), 472(97), 475(95), 476(75), 478(GEN), 479(GEN).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 09 DEC 1999 IS GIVEN IN SEC III OF NM 52/99.
3. CANCEL HYDROPAC 224/00, 240/00, 457/00, 480/00.

(241020Z MAR 2000)

482/00. CANCELED.

483/00(71). INDIAN OCEAN.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY 06-04.5N 091-52.5E AT 241329Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT. ASSIST IF POSSIBLE. REPORTS RCC AUSTRALIA, TELEX: 7162025, PHONE: 612 6230 6811.

(241738Z MAR 2000)

484/00 and 485/00. CANCELED.

486/00(62). PERSIAN GULF.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUN BY M/V BEULAH CHOUET, M/V CARLSON TIDE, M/V DICKERSON TIDE AND M/V OWEN TIDE IN AREA BETWEEN 24-25N 24-37N AND 052-20E 052-32E.
2. CANCEL THIS MSG 01 JUL.

(250327Z MAR 2000)

487/00(74). AUSTRALIA-NORTH COAST.

1. DERELICT 8.5 METER M/V ON FIRE AND ADRIFT VICINITY 16-16S 145-38E AT 250715Z MAR.
2. CANCEL THIS MSG 01 APR.

(250905Z MAR 2000)

488/00(97). NORTH PACIFIC.

FISHING VESSEL UNREPORTED VICINITY 29-15N 143-37E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MSA JAPAN.

(260510Z MAR 2000)

489/00. CANCELED.

- 490/00(GEN). GPS SATELLITE SYSTEM.  
PRN 14 UNUSABLE. (270138Z MAR 2000)
- 491/00. CANCELED.
- 492/00(97). NORTH PACIFIC.  
1. UNDERWATER OPERATIONS SUNRISE TO SUNSET DAILY  
01 THRU 04 APR BY M/V KAIKO AND M/V KAIREI  
WITHIN FIVE MILES OF 29-20N 142-50E.  
2. CANCEL THIS MSG 05 APR. (271050Z MAR 2000)
- 493/00(GEN). GPS SATELLITE SYSTEM.  
1. PRN 11 UNUSABLE 301200Z TO 302359Z MAR.  
2. CANCEL THIS MSG 310059Z MAR. (271350Z MAR 2000)
- 494/00. CANCELED.
- 495/00(63). BAY OF BENGAL. NICOBAR ISLANDS.  
CHART 63390 (1ST ED).  
1. KATCHALL ISLAND WEST BAY LIGHT 07-55.6N 093-19.5E UNLIT.  
2. CANCEL HYDROPAC 316/00(75), OPERATIONS COMPLETED. (280920Z MAR 2000)
- 496/00(63). INDIA-EAST COAST.  
CHART 63260 (5TH ED).  
1. RADIOBEACON AT NAGAPPATTINAM LIGHT 10-45.9N 079-51.1E  
OFF AIR 310030Z TO 311230Z MAR.  
2. CANCEL THIS MSG 311330Z MAR. (281110Z MAR 2000)
- 497/00(23,29). SOUTH ATLANTIC. ICE  
1. VERY LARGE ICEBERGS REPORTED ON 27 MAR:  
A. FOUR MILES BY 16 MILES IN 51-10S 034-39W.  
B. THREE MILES BY 14 MILES IN 60-54S 037-16W.  
C. 12 MILES BY 35 MILES IN 53-20S 037-38W.  
2. CANCEL THIS MSG 04 APR. (281440Z MAR 2000)
- 498/00(71). BORNEO-WEST COAST.  
CHART 71470 (2ND ED).  
13 METER SHOAL REPORTED IN 00-38.21S 108-14.70E. (281855Z MAR 2000)
- 499/00(74). AUSTRALIA-NORTHEAST COAST.  
CHART 74273 (5TH ED).  
CAPE FLATTERY DGPS STATION INOPERATIVE. (290030Z MAR 2000)
- 500/00 and 501/00. CANCELED.
- 502/00(62). PERSIAN GULF. NAVAL CONTROL OF SHIPPING  
EXERCISE.  
1. TO: OPERATORS OF U.S. FLAG AND EFFECTIVE U.S. CONTROL VESSELS.  
2. U.S. AND ALLIED NAVAL CONTROL OF SHIPPING (NCS) AUTHORITIES WILL  
CONDUCT A NAVAL CONTROL OF SHIPPING EXERCISE IN THE ARABIAN GULF  
04 THRU 11 APR.  
3. THIS EXERCISE WILL EMPLOY REGIONAL NAVAL CONTROL OF SHIPPING  
PROCEDURES.  
4. EXERCISE PERSONNEL WILL BE OPERATING FROM BAHRAIN, KUWAIT, AND THE  
UNITED ARAB EMIRATES AND MAY CONTACT YOUR VESSELS BY RADIO TO  
VERIFY VESSEL DATA, REQUEST PERMISSION TO VISIT YOUR AGENTS OR  
BRIEF MASTERS, AND VERIFY THAT REQUIRED NCS PUBLICATIONS ARE ON  
BOARD. THE INTENTION IS TO INCREASE NAVAL/COMMERCIAL SHIPPING  
COOPERATION.  
5. MERCHANT SHIP PARTICIPATION IN THIS EXERCISE IS ON A VOLUNTARY  
BASIS AND IS NOT TO INTERFERE WITH SHIP MOVEMENTS OR PORT  
OPERATIONS. SHIPS THAT PARTICIPATE WILL NOT BE DELAYED OR DIVERTED  
FROM THEIR NORMAL COMMERCIAL COMMITMENTS. ALTHOUGH NAVAL BRIEFING  
PARTIES ARE ACTING IN THE LINE OF DUTY IN AN OFFICIAL CAPACITY,  
BOARDING WILL BE AT THE DISCRETION OF THE MASTER, PARTICULARLY IN  
REGARD TO SAFETY.  
6. OPERATORS WHO WILL HAVE VESSELS IN THE EXERCISE AREA AND DO NOT  
WANT THEIR VESSELS TO PARTICIPATE IN THIS EXERCISE ARE REQUESTED  
TO ADVISE MARAD OF SUCH VESSEL NAMES BY 31 MAR.  
7. THIS ADVISORY IS CANCELED UPON CONCLUSION OF THE EXERCISE.  
8. VESSEL OPERATORS ARE REQUESTED TO PROMPTLY FORWARD THIS ADVISORY

TO THEIR VESSELS IN THE AFFECTED AREA. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) WEEKLY NOTICE TO MARINERS AND NAVINFONET. PLEASE ADVISE MASTERS OF THE IMPORTANCE OF NCS EXERCISES TO NATIONAL SECURITY AND REQUEST THEIR COOPERATION.

9. DURING THE EXERCISE PERIOD, QUESTIONS CAN BE REFERRED TO THE NAVAL CONTROL OF SHIPPING HEADQUARTERS TO BE ESTABLISHED IN BAHRAIN PHONE: 973-743-956 OR 973-743-957. ASK FOR THE WATCH COMMANDER.
10. FOR FURTHER INFORMATION REGARDING MARAD ADVISORIES, CONTACT MR. PETER PETRELIS, MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, 400 SEVENTH STREET S.W., WASHINGTON D.C. 20590, PHONE: 202-366-5735, FAX: 202-366-5921.
11. CANCEL THIS MSG 12 APR.

(291649Z MAR 2000)

503/00(81). GUAM.

AUTOALARM DISTRESS SIGNAL RECEIVED ON 2182 KHZ AT 292033Z MAR. VESSELS WITHIN 250 MILES OF GUAM REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM.

(300015Z MAR 2000)

504/00(GEN). GPS SATELLITE SYSTEM.

1. PRN 19 UNUSABLE 311115Z MAR TO 021115Z APR.
2. CANCEL THIS MSG 021215Z APR.

(300055Z MAR 2000)

505/00(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ VICINITY 16-31.4N 131-33.8E AT 300809Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM.

(300920Z MAR 2000)

506/00(81,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY 21-58N 135-44E AT 300843Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MSA JAPAN.

(301020Z MAR 2000)

507/00(63). INDIA-EAST COAST.

CHART 63250 (5TH ED).  
RACON AT PANDIYAN TIVU LIGHT 08-47.1N 078-11.9E INOPERATIVE.

(301110Z MAR 2000)

### MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in force MARAD ADVISORIES may be received by accessing the National Imagery and Mapping Agency NAVINFONET system, or by referring to Section I (paragraph 52) of Notice to Mariners 1/00 for those in force as of 31 December 1998 or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 30 March 2000: 97-3, 98-1, 98-2, 98-5, 98-6, 99-3, 00-1 and 00-2.

MARAD ADVISORY NO. 00-2 (271900Z MAR 2000)

SUBJECT: NAVAL CONTROL OF SHIPPING EXERCISE IN THE ARABIAN GULF  
TO: OPERATORS OF U.S. FLAG AND EFFECTIVE U.S. CONTROL VESSELS

1. U.S. AND ALLIED NAVAL CONTROL OF SHIPPING (NCS) AUTHORITIES WILL CONDUCT A NAVAL CONTROL OF SHIPPING EXERCISE IN THE ARABIAN GULF FROM APRIL 4-11, 2000.

2. THIS EXERCISE WILL EMPLOY REGIONAL NAVAL CONTROL OF SHIPPING PROCEDURES.

3. EXERCISE PERSONNEL WILL BE OPERATING FROM BAHRAIN, KUWAIT, AND THE UNITED ARAB EMIRATES AND MAY CONTACT YOUR VESSELS BY RADIO TO VERIFY VESSEL DATA, REQUEST PERMISSION TO VISIT YOUR AGENTS OR BRIEF MASTERS, AND VERIFY THAT REQUIRED NCS PUBLICATIONS ARE ON BOARD. THE INTENTION IS TO INCREASE NAVAL/COMMERCIAL SHIPPING COOPERATION.

4. MERCHANT SHIP PARTICIPATION IN THIS EXERCISE IS ON A VOLUNTARY BASIS AND IS NOT TO INTERFERE WITH SHIP MOVEMENTS OR PORT OPERATIONS. SHIPS THAT PARTICIPATE WILL NOT BE DELAYED OR DIVERTED FROM THEIR NORMAL COMMERCIAL COMMITMENTS. ALTHOUGH NAVAL BRIEFING PARTIES ARE ACTING IN THE LINE OF DUTY IN AN OFFICIAL CAPACITY, BOARDING WILL BE AT THE DISCRETION OF THE MASTER, PARTICULARLY IN REGARD TO SAFETY.

5. OPERATORS WHO WILL HAVE VESSELS IN THE EXERCISE AREA AND DO NOT WANT THEIR VESSELS TO PARTICIPATE IN THIS EXERCISE ARE REQUESTED TO ADVISE MARAD OF SUCH VESSEL NAMES BY MARCH 31, 2000.

6. THIS ADVISORY IS CANCELED UPON CONCLUSION OF THE EXERCISE.

7. VESSEL OPERATORS ARE REQUESTED TO PROMPTLY FORWARD THIS ADVISORY TO THEIR VESSELS IN THE AFFECTED AREA. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE NATIONAL IMAGERY AND MAPPING AGENCY (NIMA) WEEKLY NOTICE TO MARINERS AND NAVINFONET. PLEASE ADVISE MASTERS OF THE IMPORTANCE OF NCS EXERCISES TO NATIONAL SECURITY AND REQUEST THEIR COOPERATION.

8. DURING THE EXERCISE PERIOD, QUESTIONS CAN BE REFERRED TO THE NAVAL CONTROL OF SHIPPING HEADQUARTERS TO BE ESTABLISHED IN BAHRAIN ON 973-743-956 OR 973-743-957. ASK FOR THE WATCH COMMANDER.

9. FOR FURTHER INFORMATION REGARDING MARAD ADVISORIES, CONTACT MR. PETER PETRELIS, MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, 400 SEVENTH STREET S.W., WASHINGTON D.C. 20590, TELEPHONE 202-366-5735, FACSIMILE 202-366-5921.

### SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of SPECIAL WARNINGS may be obtained by accessing NAVINFONET or referring to Section I (paragraph 8) of Notice to Mariners 1/00.

SPECIAL WARNINGS in force 30 March 2000: 1, 29, 71, 77, 81, 82, 89, 92, 95, 100, 102, 103, 104, 105, 107, 108, 109, 110 and 111.