

# Planning Area Descriptions of the Alaska Region Outer Continental Shelf (OCS) as of April 2013<sup>1</sup>

## 1. Beaufort Sea (BFT) NAD 83

From the intersection of the SLA limit with the EEZ limit on OPD NR07-06 northeasterly along the EEZ limit through OPD's NR07-06, NR07-04, NR07-02, NS07-08, and NS08-07 to 72°56'48.846" N latitude, 137°34'18.337" W longitude (point 21 of the EEZ limit<sup>2</sup>) on OPD NS08-07; thence grid north along the Limit of Protraction line through OPD's NS08-07 and NS08-05 to the north boundary of OPD NS08-05; thence west along the north boundary of OPD's NS08-05, NS07-06, NS07-05, and NS06-06 to the corner of OPD's NS06-06, NS06-05, and NS06-03; thence north along the east boundary of OPD NS06-03 to the northeast corner of OPD NS06-03; thence west along the north boundary of OPD's NS06-03, NS05-04, and NS05-03 to the northwest corner of OPD NS05-03; thence south along the west boundary of OPD's NS05-03, NS05-05, NS05-07, and NR05-01 to the intersection with the SLA limit on OPD NR05-01; thence easterly along the SLA limit through OPD's NR05-01, NR05-03, NR05-04, NR06-03, NR06-04, NR07-03, NR07-05, and NR07-06 to the point of origin.

## 2. Chukchi Sea (CHU) NAD 83

From the intersection of the SLA limit with the east boundary of OPD NR04-02 north along the east boundary of OPD's NR04-02, NS04-08, NS04-06, and NS04-04 to the northeast corner of OPD NS04-04; thence west along the north boundary of OPD's NS04-04, NS04-03, NS03-04, NS03-03, and NS02-04 to the intersection of the north boundary of OPD NS02-04 with longitude 168°58'37" W (WGS 84<sup>3</sup>), the northern extension of the U.S.-Russia Provisional Maritime Boundary<sup>4</sup>; thence south along the northern extension of the U.S.-Russia Provisional Maritime Boundary through OPD's NS02-04, NS02-06, NS02-08, NR02-02, NR02-04, NR02-06, and NR02-08 to the intersection of the U.S.-Russia Provisional Maritime Boundary with Y=7,579,200 (UTM zone 2), OPD NR02-08; thence grid east through OPD's NR02-08 and

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<sup>1</sup>These descriptions delineate the limits of the OCS planning areas. They are for planning purposes only and should have no application or effect whatsoever as to the possible extent of present or future U.S. jurisdictional claims. Areas proposed for leasing consideration within each planning area are depicted in maps elsewhere in this document.

<sup>2</sup>As defined in 42 FR 12938, March 7, 1977, for Alaska.

<sup>3</sup>Coordinates defining the U.S.-Russia Provisional Maritime Boundary are based on the World Geodetic System of 1984 (WGS 84). The MMS considers WGS 84 equivalent to the North American Datum of 1983 (NAD 83) (57 FR 5168, February 12, 1992).

<sup>4</sup>The "Agreement Between the United States of America and the [former] Union of Soviet Socialist Republics on the Maritime Boundary" was signed June 1, 1990, by James W. Baker III for the U.S. and Eduard Shevardnadze for the U.S.S.R. The treaty was ratified by the U.S. Senate September 16, 1991; to date, it has not been ratified by the Russian Government. For convenience, this document is referred to as the "Agreement" in these planning area descriptions.

NR03-07 to the intersection with the SLA limit on OPD NR03-07; thence northeasterly along the SLA limit through OPD's NR03-07, NR03-08, NR03-06, NR03-04, NR04-03, NR04-04, and NR04-02 to the point of origin.

### 3. Hope Basin (HOP) NAD 83

From the intersection of the SLA limit with Y=7,579,200 (UTM zone 3), OPD NR03-07, grid west through OPD's NR03-07 and NR02-08 to the intersection with Y=7,579,200 (UTM zone 2), OPD NR02-08, and longitude 168°58'37" W (WGS 84), the northern extension of the U.S.-Russia Provisional Maritime Boundary; thence south along the northern extension of the U.S.-Russia Provisional Maritime Boundary through OPD's NR02-08, NQ02-02, NQ02-04, and NQ02-06 to the intersection of the northern extension of the U.S.-Russia Provisional Maritime Boundary and Y=7,281,600 (UTM zone 2), OPD NQ02-06; thence grid east to the intersection with the SLA limit west of Fairway Rock; thence northerly and easterly along the SLA limit to the intersection with Y=7,281,600 (UTM zone 2), OPD NQ02-06; thence grid east to the intersection with the SLA limit on OPD NQ02-06; thence along the SLA limit through OPD's NQ02-06, NQ03-05, NQ03-03, NQ03-04, NQ04-03, NQ03-02, NQ03-01, and NR03-07 to the point of origin.

### 4. Norton Basin (NOR) NAD 83

From the intersection of the SLA limit with Y=7,281,600 (UTM zone 2), OPD NQ02-06, grid west to the intersection with the SLA limit east of Fairway Rock on OPD NQ02-06; thence southerly and westerly along the SLA limit to the intersection with Y=7,281,600 (UTM zone 2), OPD NQ02-06; thence grid west to the intersection with longitude 168°58'37" W (WGS 84), the northern extension of the U.S.-Russia Provisional Maritime Boundary; thence south along the northern extension of the U.S.-Russia Provisional Maritime Boundary to the U.S.-Russia Provisional Maritime Boundary initial point at latitude 65°30' N and longitude 168°58'37" W (WGS 84); thence southwestward along the U.S.-Russia Provisional Maritime Boundary as described in the Agreement through OPD's NQ02-06, NQ02-08, NQ02-07, NP02-01, and NP01-02 to the intersection with the south boundary of OPD NP01-02; thence east along the south boundary of OPD's NP01-02, NP02-01, and NP02-02 to the SLA limit west of St. Lawrence Island; thence along the SLA limit northwesterly, southeasterly, and southerly through OPD's NP02-02 and NP02-01 to the intersection with the south boundary of OPD NP02-02 east of St. Lawrence Island; thence east along the south boundary of OPD's NP02-02, NP03-01, and NP03-02 to the intersection with the SLA limit on OPD NP03-02; thence along the SLA limit through OPD's NP03-02, NP04-01, NQ04-07, NQ03-08, NQ03-07, NQ03-05, and NQ02-06 to the point of origin.

### 5. Navarin Basin (NAV) NAD 83

From the corner of OPD's NP01-04, NP02-03 (MAT), NP02-01 (NOR), and NP01-02 (NOR), west along the north boundary of OPD NP01-04 to the intersection with the U.S.-Russia Provisional Maritime Boundary as described in the Agreement; thence southwestward along the

U.S.-Russia Provisional Maritime Boundary through OPD's NP01-04, NP01-06, NP01-05, NP01-07, and NO01-01 to the intersection with the west boundary of OPD NO01-01; thence south along the west boundary of OPD's NO01-01 and NO01-03 to the corner of OPD's NO01-03, NO60-04 (ALB), NO60-06 (ALB), and NO01-05 (ALB); thence east along the south boundary of OPD's NO01-03 and NO01-04 to the corner of OPD's NO01-04, NO01-06 (ALB), NO02-05 (GEO), and NO02-03 (GEO); thence north along the east boundary of OPD's NO01-04, NO01-02, NP01-08, NP01-06 and NP01-04 to the point of origin.<sup>5</sup>

#### 6. St. Matthew-Hall (MAT) NAD 83

From the intersection of the SLA limit with the north boundary of OPD NP03-04 west along the north boundary of OPD's NP03-04, NP03-03, and NP02-04 to the intersection with the SLA limit east of St. Lawrence Island; thence southerly and westerly along the SLA limit to the intersection with the north boundary of OPD NP02-04 west of St. Lawrence Island; thence west along the north boundary of OPD's NP02-04 and NP02-03 to the corner of OPD's NP02-03, NP02-01 (NOR), NP01-02 (NOR), and NP01-04 (NAV); thence south along the west boundary of OPD's NP02-03, NP02-05, NP02-07, and NO02-01 to the corner of OPD's NO02-01, NO01-02 (NAV), NO01-04 (NAV), and NO02-03 (GEO); thence east along the south boundary of OPD's NO02-01, NO02-02, NO03-01, NO03-02, and NO04-01 to the intersection with the SLA limit on OPD NO04-01; thence northerly and westerly along the SLA limit through OPD's NO04-01, NO03-02, NP03-08, NP03-07, NP03-05, NP03-03, and NP03-04 to the point of origin.

#### 7. St. George Basin (GEO) NAD 83

From the intersection of the SLA limit with the east boundary of OPD NN03-03 north of Tigalda Island north along the east boundary of OPD NN03-03 to the intersection with the SLA limit west of Unimak Island; thence northerly along the SLA limit to the intersection with the east boundary of OPD NN03-03; thence north along the east boundary of OPD's NN03-03, NN03-01, NO03-07, NO03-05, and NO03-03 to the corner of OPD's NO03-03, NN03-04 (NAL), NO03-02 (MAT), and NO03-01 (MAT); thence west along the north boundary of OPD's NO03-03, NO02-04, and NO02-03 to the corner of OPD's NO02-03, NO02-01 (MAT), NO01-02 (NAV), and NO01-04 (NAV); thence south along the west boundary of OPD's NO02-03, NO02-05, and NO02-07 to the corner of OPD's NO02-07, NO01-08 (ALB), NN01-02 (BOW), and NN02-01 (BOW); thence east along the south boundary of OPD NO02-07 to the corner of OPD's NO02-07, NN02-01 (BOW), NN02-02, and NO02-08; thence south along the west boundary of OPD's NN02-02, NN02-04, NN02-06, and NN02-08 to the intersection with Y=5,822,400 (UTM zone 2), OPD NN02-08; thence grid east to the intersection with the SLA limit west of Yunaska Island; thence northeasterly along the SLA limit to the intersection with Y=5,836,800 (UTM zone 2), OPD NN02-08, northeast of Yunaska Island; thence grid east to the intersection with

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<sup>5</sup>Previous Navarin Basin planning area descriptions used the U.S.-Russia 1867 Convention Line for the western boundary. With the U.S. adoption of the U.S.-Russia Provisional Maritime Boundary, the boundary between the former Union of the Soviet Socialist Republics and the U.S. changed, eliminating OPD NP01-03 from the planning area.

X=543,200 (UTM zone 2), OPD NN02-08; thence grid north to the intersection with Y=5,841,600 (UTM zone 2), OPD NN02-08; thence grid east to the intersection with the SLA limit west of Herbert Island; thence northeasterly and southerly along the SLA limit through OPD's NN02-08 and NN02-06 to the intersection with Y=5,846,400 (UTM zone 2), OPD NN02-08, southeast of Chuginadak Island; thence grid east to the intersection of the SLA limit southwest of Samalga Island; thence northeasterly along the SLA limit through OPD's NN02-08, NN02-06, NN03-05, and NN03-03 to the point of origin.

#### 8. North Aleutian Basin (NAL) NAD 83

From the intersection of the west boundary of OPD NN03-04 with the SLA limit northwest of Cape Sarichef northeasterly and northwesterly along the SLA limit through OPD's NN03-04, NN03-02, NN04-01, NO04-07, NO04-08, NO04-06, NO04-04, NO04-03, NO04-01, and NO03-04 to the intersection with north boundary of OPD NO04-03 northeast of Cape Newenham; thence west along the north boundary of OPD's NO04-03 and NO03-04 to the corner of OPD's NO03-04, NO03-02 (MAT), NO03-01 (MAT), and NO03-03 (GEO); thence south along the west boundary of OPD's NO03-04, NO03-06, NO03-08, NN03-02, and NN03-04 to the point of origin.

#### 9. Shumagin (SHU) NAD 83

From the intersection of the north boundary of OPD NO04-08 with the SLA limit southwesterly along the SLA limit through OPD's NO04-08, NN04-02, NN04-01, NN04-03, NN03-02, and NN03-04 to the intersection of the west boundary of OPD NN03-04; thence south along the west boundary of OPD NN03-04 to the intersection with the SLA limit north of Tigalda Island; thence northeasterly and southwesterly along the SLA limit to the intersection with the west boundary of OPD NN03-04; thence south along the west boundary of OPD's NN03-04, NN03-06, NN03-08, NM03-02, and NM03-04 to the corner of OPD's NM03-04, NM03-03 (ALA), and NM03-05 (ALA); thence east along the south boundary of OPD's NM03-04 and NM04-03 to southeast corner of OPD NM04-03; thence north along the east boundary of OPD NM04-03 to the corner of OPD's NM04-03, NM04-02, and NM04-01; thence east along the south boundary of OPD NM04-02 to the southeast corner of OPD NM04-02; thence north along the east boundary of OPD's NM04-02, NN04-08, NN04-06, NN04-04, NN04-02, and NO04-08 to the corner of OPD's NO04-08, NO05-07 (KOD), NO05-05 (COK), and NO04-06 (COK); thence west along the north boundary of OPD NO04-08 to the point of origin.

#### 10. Cook Inlet (COK) NAD 83

From the intersection of the south boundary of OPD NO05-05 with the SLA limit west of Kodiak Island, northeasterly along the SLA limit on the east side of Shelikof Strait through OPD's NO05-05, NO05-03, and NO05-04 to the intersection with X=533,600 (UTM zone 5), OPD NO05-04; thence grid north to the intersection with the SLA limit on OPD NO05-04 southwest of Ushagat Island; thence northerly and southerly along the SLA limit through OPD's NO05-04 and NO05-02 to the intersection with X=562,400 (UTM zone 5), OPD NO05-04; thence grid north through

OPD's NO05-04 and NO05-02 to the intersection with the SLA limit on OPD NO05-02 southwest of the Chugach Islands; thence northerly along the SLA limit on the east side of Cook Inlet to the intersection with the SLA limit on the west side of Cook Inlet on OPD NP05-08; thence southerly along the SLA limit on the west side of Cook Inlet and Shelikof Strait through OPD's NP05-08, NO05-02, NO05-01, NO05-03, NO05-05, and NO04-06 to the intersection of the south boundary of OPD NO04-06; thence east along the south boundary of OPD's NO04-06 and NO05-05 to the point of origin.

#### 11. Kodiak (KOD) NAD 83

From the intersection of the north boundary of OPD NO05-04 with X=562,400 (UTM zone 5), OPD NO05-04, grid south to the intersection with the SLA limit northeast of East Amatuli Island on OPD NO05-04; thence southerly along the SLA limit to the intersection with X=533,600 (UTM zone 5), OPD NO05-04; thence grid south to the intersection with the SLA limit northeast of Latax Rocks on OPD NO05-04; thence southerly, westerly, and northerly along the SLA limit through OPD's NO05-04, NO05-06, NO05-05, and NO05-07 to the intersection with the north boundary of OPD NO05-07 west of Kodiak Island; thence west along the north boundary of OPD NO05-07 to the corner of OPD's NO05-07, NO05-05 (COK), NO04-06 (COK), and NO04-08 (SHU); thence south along the west boundary of OPD's NO05-07, NN05-01, NN05-03, NN05-05, and NN05-07 to the corner of OPD's NN05-07, NN04-08 (SHU), and NM04-02 (SHU); thence east along the south boundary of OPD's NN05-07 and NN05-08 to the southeast corner of OPD NN05-08; thence north along the east boundary of OPD NN05-08 to the corner of OPD's NN05-08, NN05-06, and NN06-05; thence east along the south boundary of OPD NN06-05 to the southeast corner of NN06-05; thence north along the east boundary of OPD's NN06-05, NN06-03, NN06-01, NO06-07, and NO06-05 to the corner of OPD's NO06-05, NO06-06 (GOA), NO06-04 (GOA), and NO06-03; thence west along the north boundary of OPD NO06-05 to the intersection with X=442,400 (UTM zone 6), OPD NO06-03; thence grid north to the intersection with the north boundary of OPD NO06-03; thence west along the north boundary of OPD's NO06-03 and NO05-04 to the point of origin.

#### 12. Gulf of Alaska (GOA) NAD 83

From the intersection of the SLA limit with X=562,400 (UTM zone 5), OPD NO05-02, grid south through OPD NO05-02 to the south boundary of NO05-02; thence east along the south boundary of OPD's NO05-02 and NO06-01 to X=442,400 (UTM zone 6), OPD NO06-01; thence grid south along X=442,400 (UTM zone 6) through OPD NO06-03 to the south boundary of OPD NO06-03; thence east along the south boundary of OPD NO06-03 to the corner of OPD's NO06-03, NO06-05 (KOD), NO06-06 and NO06-04; thence south along the west boundary of OPD's NO06-06, NO06-08, and NN06-02 to the corner of OPD's NN06-02, NN06-01 (KOD), and NN06-03 (KOD); thence east along the south boundary of OPD's NN06-02 and NN07-01 to the corner of OPD's NN07-01, NN07-04, and NN07-02; thence south along the west boundary of OPD's NN07-04 and NN07-06 to the intersection with the Limit of Protraction line, OPD NN07-06; thence northeasterly through OPD NN07-06 along the Limit of Protraction line to the intersection with the EEZ limit at 53°28'25.365" N latitude, 138°45'25.474" W longitude (point

88 of the EEZ limit<sup>6</sup>), OPD NN07-06; thence northeasterly along the EEZ limit through OPD's NN07-06, NN08-05, NN08-03, NN08-04 and NN09-03 to the intersection with the SLA limit between EEZ limit Points 138 and 139; thence northerly along the SLA limit through OPD's NN09-03, NN09-01, NN08-04, NN08-02, NO08-08, NO08-07, NO08-05, NO08-03, NO07-04, NO07-02, NO07-01, NP07-07, NO06-02, NP06-08, NP06-07, NO06-01, and NO05-02 to the point of origin, including those SLA enclaves and submerged OCS lands within the waters of the Alexander Archipelago<sup>7</sup>.

### 13. Aleutian Basin (ALB) NAD 83

From corner of OPD's NO01-06, NO02-05 (GEO), NO02-03 (GEO), and NO01-04 (NAV) west along the north boundary of OPD's NO01-06 and NO01-05 to the corner of OPD's NO01-05, NO01-03 (NAV), NO60-04, and NO60-06; thence north along the east boundary of OPD's NO60-04 and NO60-02 to the intersection with the U.S.-Russia Provisional Maritime Boundary as described in the Agreement; thence southwesterly along the U.S.-Russia Provisional Maritime Boundary through OPD's NO60-02, NO60-04, NO60-03, NO60-05, NO60-07, and NO59-08 to the intersection with the south boundary of OPD NO59-08; thence east along the south boundary of OPD's NO59-08, NO60-07, NO60-08, NO01-07, and NO01-08 to the corner of OPD's OPD NO01-08, NN01-02 (BOW), NN02-01 (BOW), and NO02-07 (GEO); thence north along the east boundary of OPD's NO01-08 and NO01-06 to the point of origin.

### 14. Bowers Basin (BOW) NAD 83

From the corner of OPD's NN02-01, NN02-02 (GEO), NO02-08 (GEO), and NO02-07 (GEO) west along the north boundary of OPD's NN02-01, NN01-02, NN01-01, NN60-02, NN60-01, and NN59-02 to the intersection with the U.S.-Russia Provisional Maritime Boundary as described in the Agreement; thence southwesterly along the U.S.-Russia Provisional Maritime Boundary through OPD's NN59-02, NN59-04, and NN59-03 to the intersection with the south boundary of OPD NN59-03; thence east along the south boundary of OPD's NN59-03 and NN59-04 to the corner of OPD's NN59-04, NN59-06 (ALA), NN60-05, and NN60-03; thence south along the west boundary of OPD NN60-05 to the corner of OPD's NN60-05, NN59-06 (ALA), NN59-08 (ALA), NN60-07 (ALA); thence east along the south boundary of OPD's NN60-05, NN60-06, NN01-05, NN01-06, and NN02-05 to the corner of OPD's NN02-05, NN02-07 (ALA), NN02-08 (GEO), and NN02-06 (GEO); thence north along the east boundary of OPD's NN02-05, NN02-03, and NN02-01 to the point of origin.

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<sup>6</sup>NAD 27 coordinates as defined in 60 FR 43825, August 23, 1995, for Alaska, and transformed to NAD 83 using NADCON version 2.10.

<sup>7</sup>These enclaves and portions of the submerged OCS lands may be subject to resolution of U.S. Supreme Court case No. 128 Original.

## 15. Aleutian Arc (ALA) NAD 83

From the intersection of the east boundary of OPD NN03-03 with the SLA limit south of Tigalda Island southwesterly along the SLA limit through OPD's NN03-03, NN03-05, NN02-06, and NN02-08 to the intersection with Y=5,846,400 (UTM zone 2), OPD NN02-08, southwest of Samalga Island; thence grid west to the intersection with the SLA limit; thence southwesterly along the SLA limit to the intersection with Y=5,841,600 (UTM zone 2), OPD NN02-08, southwest of Herbert Island; thence grid west to the intersection with X=543,200 (UTM zone 2), OPD NN02-08; thence grid south to the intersection with Y=5,836,800 (UTM zone 2), OPD NN02-08; thence grid west to the intersection with the SLA limit; thence southwesterly along the SLA limit to the intersection with Y=5,822,400 (UTM zone 2), OPD NN02-08, west of Yunaska Island; thence grid west through OPD NN02-08 to the intersection with the east boundary of OPD NN02-07; thence north along the east boundary of OPD NN02-07 to the corner of OPD's NN02-07, NN02-08 (GEO), NN02-06 (GEO), and NN02-05 (BOW); thence west along the north boundary of OPD's NN02-07, NN01-08, NN01-07, NN60-08, and NN60-07 to the corner of OPD's NN60-07, NN60-05 (BOW), NN59-06, and NN59-08; thence north along the east boundary of OPD NN59-06 to the corner of OPD's NN59-06, NN60-05 (BOW), NN60-03 (BOW), and NN59-04 (BOW); thence west along the north boundary of OPD's NN59-06 and NN59-05 to the intersection with the U.S.-Russia Provisional Maritime Boundary as described in the Agreement; thence southwesterly along the U.S.-Russia Provisional Maritime Boundary through OPD's NN59-05, NN59-07, NM59-01, NM58-02, and NM58-04 to U.S.-Russia Provisional Maritime Boundary Point No. 87 on OPD NM58-04 as described in the Agreement as latitude 50°58'39" N and longitude 167°00'00" W (WGS 84); thence south along the Limit of Protraction line through OPD NM58-04 to the intersection with the south boundary of OPD NM58-04; thence east along the south boundary of OPD NM58-04 to the corner of OPD's NM58-04, NM59-03, and NM59-05; thence south along the west boundary of OPD NM59-05 to the southwest corner of OPD NM59-05; thence east along the south boundary of OPD's NM59-05 and NM59-06 to the corner of OPD's NM59-06, NM60-05, and NM60-07; thence south along the west boundary of OPD NM60-07 to the southwest corner of OPD NM60-07; thence east along the south boundary of OPD's NM60-07 and NM60-08 to the intersection with the west boundary of OPD NL60-03; thence south along the west boundary of OPD NL60-03 to the southwest corner of OPD NL60-03; thence east along the south boundary of OPD's NL60-03, NL01-01 and NL01-02 to the southeast corner of OPD NL01-02; thence north along the east boundary of OPD NL01-02 to the intersection with the south boundary OPD NM01-08; thence east along the south boundary of OPD's NM01-08, NM02-07, and NM02-08 to the southeast corner of OPD NM02-08; thence north along the east boundary of OPD NM02-08 to the corner of OPD's NM02-08, NM02-06, and NM03-05; thence east along the south boundary of OPD NM03-05 to the southeast corner of OPD NM03-05; thence north along the east boundary of OPD's NM03-05, NM03-03, NM03-01, NN03-07, NN03-05 and NN03-03 to the point of origin.