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INTRODUCTION

1. General

This document is a compendium of available information on the fifteen off-shore platforms that were installed in upper Cook Inlet from 1964 to 1986. The report was prepared by Belmar Engineering for the Cook Inlet Regional Citizens Advisory Council (Cook Inlet RCAC) as Task 1 of a study to compile background information of the Cook Inlet platforms and to examine the structural integrity of a number of sample platforms. The location and the current operators of the platforms are shown on Figure 1.

2. Data Sources

The information, including design data, photographs, drawings, and maps were obtained from the operating companies and from Belmar files.

3. Report Organization

The platforms are listed in the report in the sequence in which they were constructed. Tables 1, 2, 3 and 4 list the platforms by, respectively, installation date, alphabetical by name, alphabetical by field name, and by operator.

4. Data Sheet Information

The information that is condensed on the data sheets includes general information regarding the design, fabrication, installation and operation of each platform. Environmental design criteria that were used for the design are listed. Summary information is included regarding any modifications that have been made to the topsides and whether or not the structure has been re-assessed. Also included is information regarding the corrosion protective systems and information regarding API RP 2A underwater inspections.

5. Glossary

A glossary of the terminology used in this compendium is included on page 5 of the introduction.

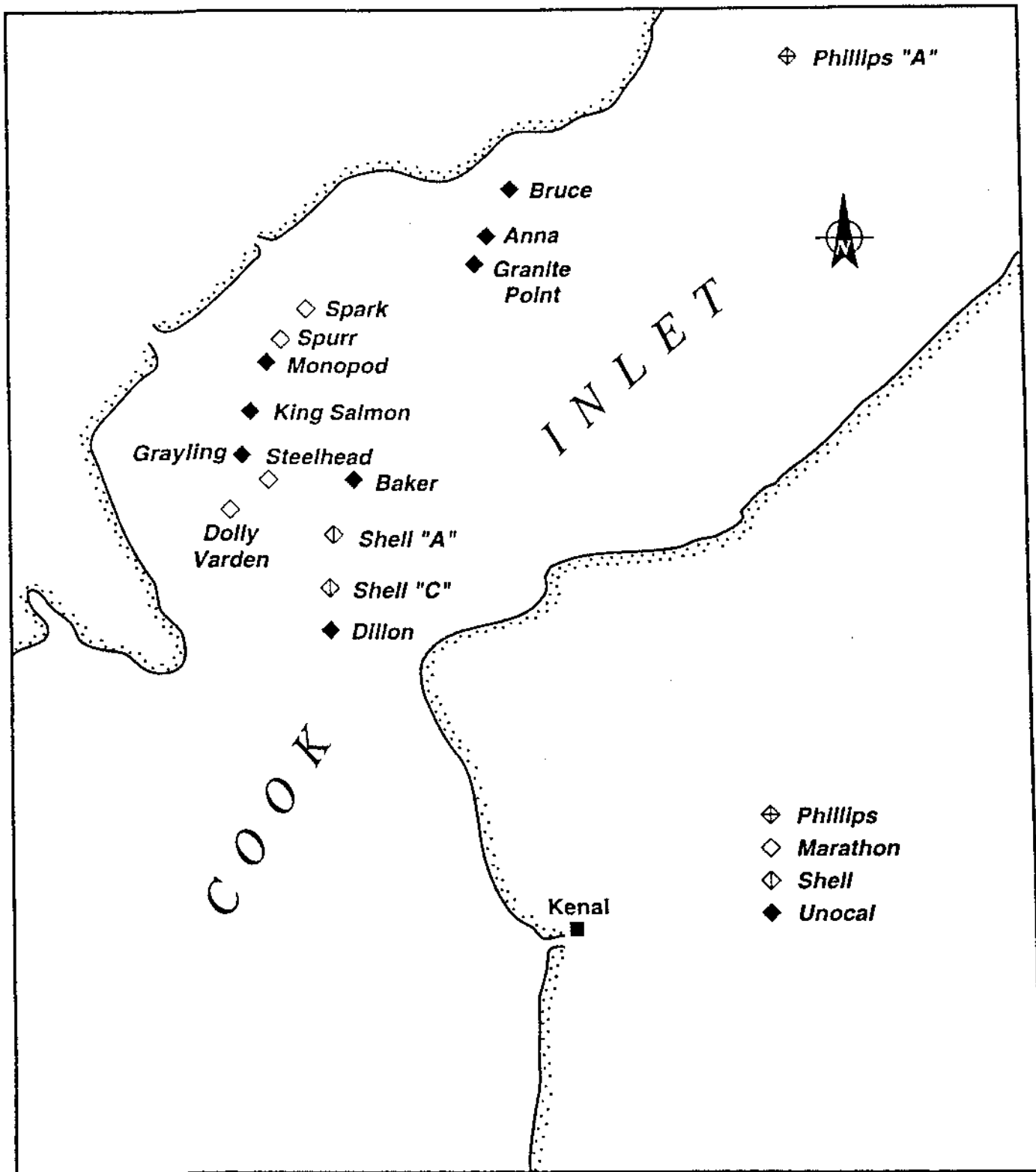


Figure 1. Cook Inlet platform location map

Table 1. Sequenced by platform installation date.

1.	Middle Ground Shoal	Platform A	1964
2.	Middle Ground Shoal	Platform Baker	1965
3.	Granite Point	Platform Granite Point	1966
4.	Trading Bay	Platform Monopod	1966
5.	Granite Point	Platform Anna	1966
6.	Granite Point	Platform Bruce	1966
7.	Middle Ground Shoal	Platform Dillon	1966
8.	Middle Ground Shoal	Platform C	1967
9.	McArthur River	Platform King Salmon	1967
10.	McArthur River	Platform Grayling	1967
11.	McArthur River	Platform Dolly Varden	1967
12.	North Cook Inlet	Platform Tyonek	1968
13.	Trading Bay	Platform Spurr	1968
14.	Trading Bay	Platform Spark	1968
15.	McArthur River	Platform Steelhead	1986

Table 2. Alphabetical by platform name.

A	Middle Ground Shoal	1
Anna	Granite Point	5
Baker	Middle Ground Shoal	2
Bruce	Granite Point	6
C	Middle Ground Shoal	8
Dillon	Middle Ground Shoal	7
Dolly Varden	McArthur River	11
Granite Point	Granite Point	3
Grayling	McArthur River	10
King Salmon	McArthur River	9
Monopod	Trading Bay	4
Spark	Trading Bay	14
Spurr	Trading Bay	13
Steelhead	McArthur River	15
Tyonek	North Cook Inlet	12

Table 3. Alphabetical by field name.

Granite Point.....	Platform Anna	5
Granite Point.....	Platform Bruce.....	6
Granite Point.....	Platform Granite Point	3
McArthur River	Platform Dolly Varden.....	11
McArthur River	Platform Grayling.....	10
McArthur River	Platform King Salmon	9
McArthur River	Platform Steelhead.....	15
Middle Ground Shoal.....	Platform A	1
Middle Ground Shoal.....	Platform Baker.....	2
Middle Ground Shoal.....	Platform C	8
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North Cook Inlet.....	Platform Tyonek.....	12
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Table 4. Sorted by operator.

Marathon.....	McArthur River.....	Dolly Varden.....	11
Marathon.....	McArthur River.....	Steelhead.....	15
Marathon.....	Trading Bay	Spark.....	14
Marathon.....	Trading Bay	Spurr.....	13
Phillips.....	North Cook Inlet.....	Tyonek.....	12
Shell.....	Middle Ground Shoal.....	Platform A.....	1
Shell.....	Middle Ground Shoal.....	Platform C.....	8
Unocal.....	Granite Point.....	Anna	5
Unocal.....	Granite Point.....	Bruce.....	6
Unocal.....	Granite Point.....	Granite Point.....	3
Unocal.....	McArthur River.....	Grayling.....	10
Unocal.....	McArthur River.....	King Salmon	9
Unocal.....	Middle Ground Shoal.....	Baker.....	2
Unocal.....	Middle Ground Shoal.....	Dillon.....	7
Unocal.....	Trading Bay	Monopod	4

GLOSSARY

AISC.....	American Institute of Steel Construction
API.....	American Petroleum Institute
API RP 2A.....	Recommended Practice for Planning, Designing and Constructing Fixed Offshore Platforms
Cantilever.....	Platform deck extension buttressed by a support frame
fps.....	Feet per second
kips.....	Kilopounds, i.e., one thousand pounds
ksi.....	Kips per square inch
MLLW.....	Mean Low Low Water
psi.....	Pounds per square inch
Seismic ground motion.....	Horizontal ground acceleration due to an earth- quake
Shadow effect.....	Front legs take the brunt of the ice load.
UBC.....	Uniform Building Code