



CONCEPT BROCHURE

Ironmark XG-1 Concept Brochure

The concept semi-submersible in full, including its maturity stated honestly and the five things that would stop it. The unit has not been built.

DOCUMENT REF	AM-PUB-IRM-2026-02
REVISION	Rev 2
ISSUED	1 September 2026
PAGES	3
CLASSIFICATION	Unclassified — approved for public release
PUBLISHER	Ameristar Oil, LLC — Midland, Texas

CONTENTS

Ironmark XG-1 Concept Brochure

The concept semi-submersible in full, including its maturity stated honestly and the five things that would stop it. The unit has not been built.

- 01 What Ironmark XG-1 is
- 02 What is real today
- 03 What would need to happen before it is real
- 04 Honest status

01 What Ironmark XG-1 is

Ironmark XG-1 is a concept design for a next-generation moored semi-submersible built around a fully automated drill floor: robotic pipe handling, a sealed and climate-controlled driller's cabin, and a remote-monitoring architecture shared with the Rig Manager fleet dashboard. It is a concept. No shipyard contract has been signed and no steel has been cut.

02 What is real today

- A Twin Desk simulator that reproduces the driller's cabin control layout and the pre-spud arming sequence for training purposes.
- A completed naval-architecture concept package and a rough-order-of-magnitude cost estimate.
- Ongoing technical discussions with two automated-equipment vendors named in the confidential appendix (not published).

03 What would need to happen before it is real

- A signed long-term contract or letter of intent sufficient to finance a newbuild.
- A shipyard slot and a fixed-price EPC contract.
- Class society approval of the automated pipe-handling system.
- Crew qualification and a proving programme for the automated drill floor before it drills a customer well.
- Regulatory acceptance in the basin where the unit would first operate.

04 Honest status

Ameristar publishes this brochure because customers ask about Ironmark and deserve a straight answer: it is a well-developed concept, not a rig you can charter. The Twin Desk simulator distributed from this website is a training and demonstration tool only — it does not connect to or control any physical drilling equipment, real or concept.