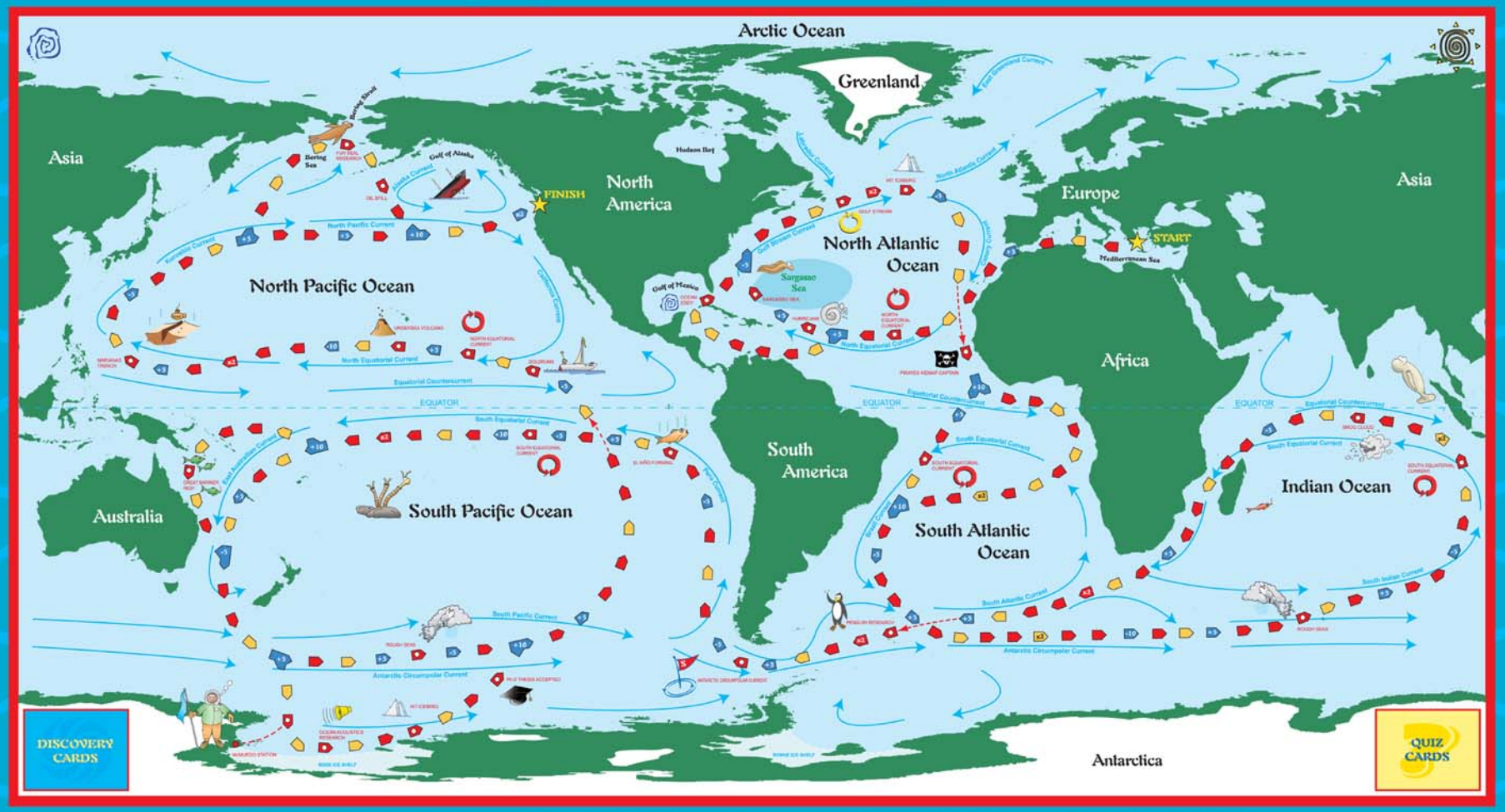
A Jason 1 oceanic adventure

Voyage on the high seas



= Pick up a discovery card

= Look up event or encounter on the gameboard

= Pick up a quiz card

= Earn or lose double the points shown on card

= Earn or lose the number of points shown

= Choose your path

DOLDRUMS: You have encountered the doldrums, where the currents cancel each other out, so the current does not help you make headway. Lose one turn.

EL NIÑO FORMING: Jason-1 satellite pictures show a large mass of warm water piling up in the Pacific near Peru in South America. You stop to evaluate how this condition is affecting the fish population. Lose one turn, but gain 15 Discovery Points.

FUR SEALS: frolic in the Bering Strait. Stop to count their population and radio tag several for tracking. Earn 10 Discovery Points.

GREAT BARRIER REEF: You discover a new species of fish to add to the approximately 3,000 species already known to live in the Great Barrier Reef. Earn 10 Discovery Points.

GULF STREAM CURRENT: In the North Atlantic, this major current circulates in a clockwise direction between North America and Europe. Catch the current and move ahead 5 steps.

HIT ICEBERG: You encounter a rogue iceberg and it slightly damages your ship. Go back 5 steps and lose your next turn.

HURRICANE (Atlantic): The GOES satellite shows a powerful hurricane forming. Go back 10 spaces to stay out of its path.

MARIANAS TRENCH: You have anchored right over the deepest part of the oceans (35,798 ft/10,294 m deep). You stop to explore it using the mini-submarine you have on your vessel. Lose one turn, but gain 15 Discovery Points.

McMURDO STATION: You stop at McMurdo Research Station in Antarctica to pick up a meteorologist (weather scientist) who has just returned from a mission at the South Pole. Earn 10 Discovery Points.

NORTH EQUATORIAL CURRENT: North of the equator, this major current circulates in a clockwise direction in both the Pacific and Atlantic Oceans. Catch the current and move ahead 5 steps.

OCEAN ACOUSTICS RESEARCH: Using sonar devices on your ship, you study thickness, roughness, and other properties of nearby sea ice. Earn 10 Discovery Points.

OCEAN EDDY (Gulf of Mexico): Cooler, nutrient-rich water trapped inside a strong circular current of warmer water attracts many species of marine life. You gather data on many species. Earn 5 Discovery Points.

OIL SPILL (Alaska): Oil tanker has run aground and its cargo is leaking all over the shoreline. You and your crew stop to help scrub the sea lions clean and relocate them. Lose one turn.

PENGUIN RESEARCH: Since penguins are the best bird swimmers, your crew takes an afternoon off to enjoy and place bets on the penguin races. Earn 2 Discovery Points and lose one turn.

Ph.D THESIS ACCEPTED: Your Ph.D. thesis on global climate change is accepted by your university. Earn 20 Discovery Points.

PIRATES!: Pirates kidnap your captain, demanding a ransom from your University sponsor. Lose one turn and give back 10 Discovery Points (if you have them).

ROUGH SEAS: A brewing storm is creating rough and choppy seas, causing half the crew to feel a bit sick. Lose 10 Discovery Points.

SARGASSO SEA: You encounter a calm area at the center of a swirl of ocean currents. It is a great place to study ocean animals, but you can get tangled up in the abundant floating seaweed. Lose one turn.

SNOW CLOUD: In the Indian Ocean, you make observations to find out whether plankton growth has decreased in the shadow of one of the largest clouds of atmospheric pollution ever found. Earn 15 Discovery Points.

SOUTH EQUATORIAL CURRENT: South of the equator, this major current circulates in a counterclockwise direction in both the Pacific and Atlantic Oceans. Catch the current and move ahead 5 steps.

UNDERSEA VOLCANO: With your advanced listening technologies, you discover that a long-dormant undersea volcano is about to erupt again. Earn 5 Discovery Points.

ANTARCTIC CIRCUMPOLAR CURRENT: This major current flows in an easterly direction around Antarctica. You are going against this current, so go back 3 steps.

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