

FIREFOX — SERENITY



Builder: Serenity

LOA: 64' 0" (19.51m)

Year Built: 2020

Beam: 31' 0" (9.45m)

Model: Catamaran

Price: PRICE ON APPLICATION

Location: United States

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **Firefox — Serenity** from **our catalogue**. Presently, at **Shestakov Yacht Sales Inc.**, we have a wide variety of yachts available on **our sale's list**. We also work in close contact with all the big **yacht manufacturers** from all over the world.

If you would like to buy a yacht **Firefox — Serenity** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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SPECIFICATIONS

Overview

Luxury & technology go hand-in-hand Whether you are heading to a spot you know well or exploring a new oasis, there is no better way to do it that in the peace and comfort of your Serenity 64...Luxury & technology go hand-in-hand.Serenity Yachts offers pure electric and hybrid yachts that harness the most natural source of energy - the sun - to give you the virtually endless range of sailboat with the space and comfort of a power catamaran.Solar-powered yachts are the future of boating and not just because they are better for the environment. The electric propulsion on the Serenity 64 saves fuel costs while also allowing you to cruise in unbeatable silence - no rumble of the engine, no smell from the diesel fumes - just you, the sea, and Serenity. General Interior Ceiling Height in Cabins, Bathrooms, & Corridors: 2.00 m Ceiling Height in Saloon/Kitchen: 2.25 m Large portlights and deck hatches in all cabins Furniture built of varnished and laminated real wood veneers with light weight honeycomb interior.Choice of veneers such as Wenge, Palisander, Oak, Mahogany, Aniegre and more.Choice of flooring in Mahogany, Teak or Amtico with Silorma insulated openings Walls and ceilings can be covered with lacquered, varnished veneer, fabric or vinyl leather optics Fabric standard: Lorica / Alcantara - several color choices available Lorica materials adapted to the marine environment:- Machine washable- UV resistant- Treated for water and stain resistance Marine grade thermal insulation of walls and ceilings Handrails in stainless steel, covered with vinyl-leather Soft closure cabin and bathroom doors constructed with light weight honeycomb and "anti-rattle" door locks Hull portlights in laminated security glass with stainless steel frame Curtains or blinds on all windows (several designs and colors available) Courtesy/emergency lights on all steps, narrow passages, and passage corners All cabins air-conditioned via Cruisair or Webasto chiller unit. (cap. 60,000 BTU / 50,000 BTU)

Basic Information

Category: Catamaran

Model Year: 2020

Year Built: 2020

Country: United States

Dimensions

LOA: 64' 0" (19.51m)

Beam: 31' 0" (9.45m)

Speed, Capacities and Weight

Displacement: 48000 Pounds

Water Capacity: 405 Gallons

Holding Tank: 211 Gallons

Fuel Capacity: 400 Gallons

Accommodations

Total Cabins: 4

Total Berths: 11

Total Heads: 5

Hull and Deck Information

Hull Material: Composite

Engine Information

Engines: 4

Manufacturer: Volvo Penta

Model: D3

Engine Type: Inboard

Fuel Type: Diesel

DETAILED INFORMATION

Overview

2020 Serenity 64 Solar Catamaran

The Serenity 64 is able to cruise endlessly at 6-7 knots while still providing power to all of your amenities on board. You get the unlimited range of a sailboat without sacrificing the ease, space, and comfort of a power catamaran.

Each Serenity is equipped with the latest technologies on every front. We offer a selection of the most up-to-date equipment in navigation, entertainment, and smart home technologies.

The Serenity 64 is the ideal yacht for chartering. Along with the immense savings on fuel and maintenance costs, our yachts feature plenty of entertaining space as well as four spacious cabins, each with its own entrance and head. The two forward cabins can be configured as crew cabins or, optionally, as family cabins with additional access from the adjoining suite.

Saloon

Panoramic saloon larger than 30 m2

-

Lockable sliding saloon door for access to cockpit

-

Weathertight forward door to front cockpit

-

Storage compartment under floor with hatch on hinges and jacks

-

All windows are laminated security glass

-

LED spotlights and indirect lights

-

Soft day lights in ceiling panels

Inside Helms-Position and Chart Table

Located in the front starboard of the saloon, facing forward

-

Helm station with steering, motor controls, displays and compass

-

Large instrument console for electronic equipment

-

Large office desk with storage (space for computer, printer, and monitor)

-

Multiple 110 V socket

Saloon Lounge Area

Located in the front portside of the saloon

-

L-shaped sofa with comfortable cushions

-

Varnished dining table (seats 8)

Pantry

Located on port-side facing backwards

-

U-shaped kitchen with stone worktop

-

Taps provide drinking water from a separate tank

-

Hot water circulation-system for immediate availability of hot water

-

110 V sockets on the worktop

-

Induction cooktop (4 plates)

-

Stainless steel air-extractor at the ceiling

-

Storage:

- 1 large cabinet with shelving (optional 12 place dishwasher) - Cabinet under sink

- Shelved storage with drawers under the cook top

Storage or Lounge Area

Located on the starboard aft corner of the saloon

-

Large cabinet for oven, microwave, grill and drawers

-

Lounge seat with storage below cushions

GENERAL SPECIFICATIONS

Model: Serenity 64

Construction: Carbon Fiber

Configuration: Serenity Solar Catamaran

BOA - 31ft

Max Draft - 3.6ft

Light Displacement - 24 Tons

Electric Propulsion - 2 x TEMA SPM132-12 - 18 kW

Diesel Propulsion - 2 x VOLVO PENTA D3-200i (4,000 RPM)

Electric Cruising Speed - 5-6 knots

Top Speed (Diesel) - 16 knots

Solar Panels - SunPower® Panels - 240W/m²

A/C - 50,000 BTU - 10 Outlets

Diesel Tank - 1,200 L (336 L - Day Tank) - 317 L (88 gal - Day Tank)

Water Tank - 1,650 L - 435 gal

Gray Water - 2 x 800 L - 2 x 211 gal

Watermaker - MSK130 - 130 L/hr

Battery Bank - Samsung Lithium Batteries 100V/38kWh (4 pcs)

Cabins - 4 Cabins (En-Suite Bathrooms)

Crew - 1 Crew Cabin

Tender - Custom Electric Tender

Certification - CE - A

Construction

Lightweight composite design with structurally integrated furniture and tanks

-

Hull, superstructure, bulkheads, stringers and ring-frames are all constructed in Carbon-Epoxy composite with PVC structural foam for stiffness and weight reduction.

-

Osmosis-free hull achieved by using high quality epoxy resins

-

Bow, hull bottom, and stern are in solid laminate and reinforced for impact resistance. Watertight bulkheads, sealed floor sections, and collision compartments for maximum safety

-

Carbon tubing protects the hull portlights

-

Hull finished with poly-urethane in white or any light color with bilges painted white

-

Built as standard in accordance with CE regulations (other class requirements on request)

Propulsion

VOLVO PENTA D3-200i - 4 stroke 147 kW 4,000 rpm diesel engines with TEMA SYSTEM SPM132-12 (18 kW 1500 rpm) integrated for a top speed of up to 16 knots.

-
- 2 manually optimized bronze propellers (France Helices)
-
- Engine controls and control panels at helm station and flybridge
-
- Samsung Lithium Batteries 100V/38kWh (4 pcs)
-
- Generator and technical compartments sound protected
-
- LED-light in each technical compartment
-
- Approx. fuel: 1.200 lt. storage tank and 336 lt. day tank for range extender
-
- Equipment includes:
 - Filtration: pre-filter, water separator, and filter - Remote controlled fuel cut-out
 - Fuel filler and aeration
 - Electronic gauges on chart table

Steering Equipment

-
- 2 stainless steel rudder blades with rudder shaft (France Helices)
-
- Self-aligning upper and lower bearings (France Helices)
-
- VETUS Electro-hydraulic steering
-

Integrated Garmin Autopilot

Energy Production and Storage

High-efficiency SunPower® solar panels for household power and propulsion

-

MPPT Solar Charge Regulators

-

Lithium HE Batteries 24V service batteries

-

Charger group according to batteries' capacity

-

Inverter sufficient for all household appliances

-

Charge, consumption, and capacity controls for all electric circuits

Electrical Systems

Fuses and interrupters for 24 V DC and 110 V AC

-

All wiring done in marine specification tin-coated copper

-

All cables labeled, numbered, and mounted on DIN-rails

-

LED Lighting

-

Integrated Monitoring System outfitted with touchscreen controls for house and navigation lighting, battery levels, and fuel/water/black water levels.

-

Shorepower connection with fuse

-

Integrated Emergency Systems

Navigation & Entertainment

GARMIN EQUIPMENT

-

GPS MAP7416 Multifunction display on the cabin console (2 unit)

-

GPS MAP922 Multifunction display on the cabin console (2 units)

-

GHC20 Marine Autopilot Control Display

-

GMI20 Marine instrument display

-

G19 GPS system

-

AIS600 Class B Transceiver

-

VHF300i Communication system

-

Radar: 24" HD Digital Radome

-

KVH TracVision TV5 Satellite TV Antenna System

-

SONOS & SONANCE Entertainment System

-

CCTV camera system (6 positions)

Galley & Laundry Equipment

Samsung Refrigerator

-

Siemens Dishwasher

-

Siemens Freezer

-

Siemens Oven set with paddle box

-

Microwave oven, coffee machine, toaster (optional)

-

Siemens Washing Machine & Dryer

*Other makes and models available

Plumbing

Sanitary fittings: Grohe•

All marine grade hosing and pipes

•

Fresh water:

- 1.650 L fresh water tank (larger options available)

- Fresh water circuit with 2 water pumps for redundancy

- Potable water outlet in the galley - includes tank, water pump, tap,
and filter system

- Hot water circulation: 23 kW Webasto water heater - Additional hand shower on stern platform (H/C)

- Fresh water filler with error-proof inlet

•

Watermaker: IDROMAR MSK130 - 130 L/hr

•

Wastewater: 2 x 800 L wastewater tank (larger options available), automatic pump, and transom suction

•

Drainage circuit:

- Self-draining cockpit as per CE standards.

- Automatic electric sump pumps in each hull with manual override

and water level alarm

- Automatic electric sump pumps in engine compartments of each hull

-

All pumping systems in accordance with CE regulation

INTERIOR

Current Layout

Charter Suites: combined galley and saloon on main deck, 4 VIP cabins – each cabin with an en-suite bathroom (bathrooms include sink, electric toilet and separate shower), one skipper cabin and one separate skipper bathroom in the forepeaks

Additional Layouts

Master Suite: combined galley and saloon on main deck, extra large master cabin spanning a full hull, 2 VIP cabins – all cabins with en-suite bathrooms (bathrooms include sink, electric toilet and separate shower)

-

Dual Master: combined galley and saloon on main deck, 2 extra large cabins – one spanning the port hull and the other spanning the starboard hull, en-suite bathrooms for each cabin

-

Options:

- Large storage room in the starboard forepeak OR Additional crew cabin with bathroom

General Interior

Ceiling Height in Cabins, Bathrooms, & Corridors: 6.5'

Ceiling Height in Saloon/Kitchen: 7.3'

Large portlights and deck hatches in all cabins

Furniture built of varnished and laminated real wood veneers with light weight honeycomb interior.

Choice of veneers such as Wenge, Palisander, Oak, Mahogany, Aniegre and more.

Choice of flooring in Mahogany, Teak or Amtico with Silorma insulated openings

Walls and ceilings can be covered with lacquered, varnished veneer, fabric or vinyl leather optics

Fabric standard: Lorica / Alcantara – several color choices available

Lorica materials adapted to the marine environment:

- Machine washable - UV resistant
- Treated for water and stain resistance

Marine grade thermal insulation of walls and ceilings

Handrails in stainless steel, covered with vinyl-leather

Soft closure cabin and bathroom doors constructed with light weight honeycomb and “anti-rattle” door locks

Hull port-lights in laminated security glass with stainless steel frame

Curtains or blinds on all windows (several designs and colors available)

Courtesy/emergency lights on all steps, narrow passages, and passage corners

All cabins air-conditioned via Cruisair or Webasto chiller unit.

Master Cabin

In addition to the previously mentioned features:

-

Master cabin and bathroom span the full starboard hull

-

1 large double bed with side access with slatted base

-

Optional completely closed bed corner (3 m wide bed)

-

Desk/vanity with cabinets and 110 V plugs

-
- Walk-in closet with hanging space, desk, large mirror and shelving

-

Soft day lights in ceiling panels

*Available in Master Suite Version only

Corridors and Stairs

All steps made of carbon with real wood inserts and anti-slip surface

-

Stainless steel handrails covered with vinyl leather

-

Shelved storage

-

Additional storage compartments under the floor

-

LED courtesy lights

Heads

Description of components and features are identical for all bathrooms

-

En-suite Bathroom

-

Stone countertop

-

Sink / wash basin

-

Hot water circulation for immediate hot water

-

Cabinet under the sink

-

Mirror with cabinet

-

Non-slip composite flooring (teak flooring also available)

-

Electric toilet

-

Separate shower (H/C) with Plexiglas door, teak seat, hand and rain shower

-

Composite shower grating with drainage (teak slats available)

-

110 V socket

Master Bathroom

In addition to the above mentioned features:

-

Extra large bathroom in the owner hull

-

Large “king-size” shower

-

Optional Jacuzzi with air and waterjets

-

Large sink / wash basin

-

Toilet in separate room with sink and additional storage

-

Additional mirror

DECK

Transoms

-

Shower (H/C) in portside transom

-

Stainless steel handrails

-

Retractable swim ladder in transom with enclosed boxing and teak wood padding

-

Carbon Epoxy Reinforced Gangway

-

Custom built carbon fiber tender

-

Tender located on the hydraulic aft platform

-

110 V power outlet and shore power input

-

Freshwater outlet and shore water input

-

Courtesy/emergency lighting

Foredeck

2 deck hatches for access to forward storage compartments

-

1,700 W Lofrans™ electric windlass with gipsy (12 mm chain) and Lewmar™ capstan, remote control

-

Composite longitudinal compression beam and comfortable trampolines made of UV-resistant heavy duty mesh

Forepeaks

Access via 2 deck hatches

-

Railed teak steps

-

Storage shelves

-

LED Lighting

Deck Fittings

8 mooring bollards (2 stern, 4 mid-ship, 2 on bow)

-

2 pad eyes

-

Insert for stern bollards with optional capstan winch in floor compartment (also serves as a rope locker)

-

900 mm stanchions and stainless steel handrails

Flybridge

Access from stern seating via carbon stairway with stainless steel handrail

-

Hydraulic sunroof covered in high efficiency solar panels

-

The roof closes weatherproof and flush with the fixed part of the solar array

-

Retractable front windshield

-

Bench sofa with moveable backrest and storage below

-

Sofa transforms into large sunbed and 3 lounge-seats

-

Retractable weatherproof instrument panel

-

2nd helm station with steering, motor controls, and displays

-

LED point lights and courtesy lights

Exclusions

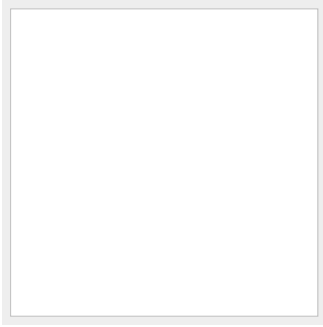
Owner's personal belongings.

Disclaimer

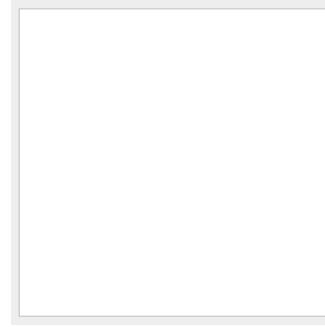
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PHOTOS

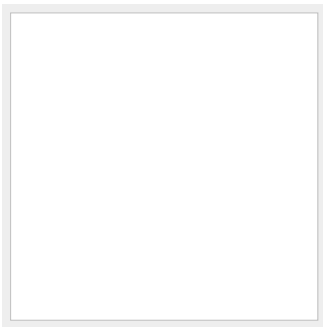
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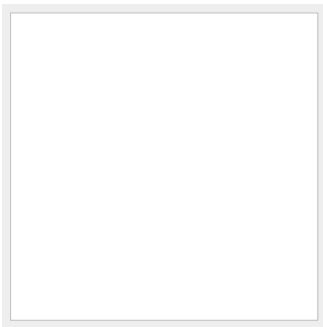
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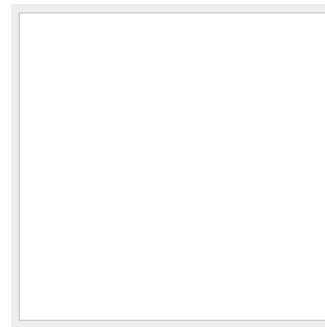
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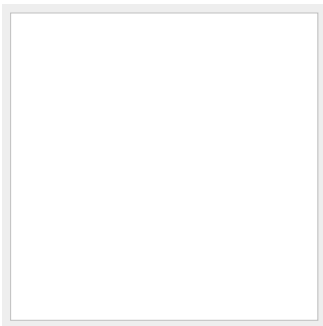
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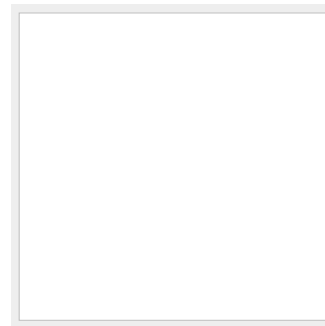
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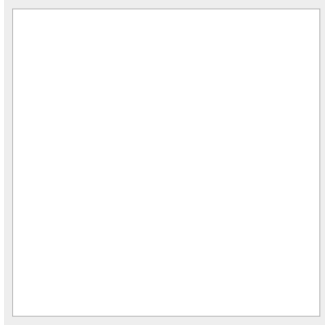
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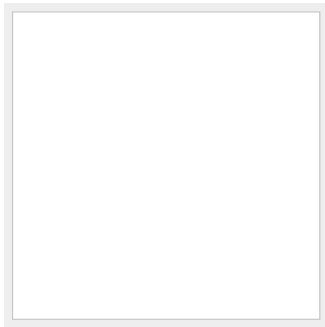
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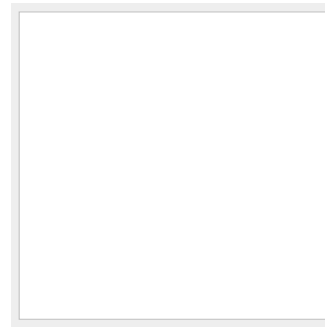
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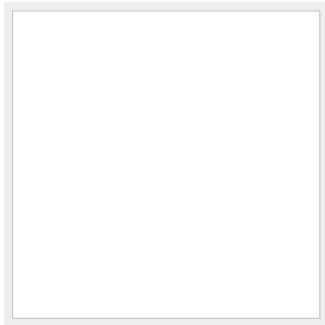
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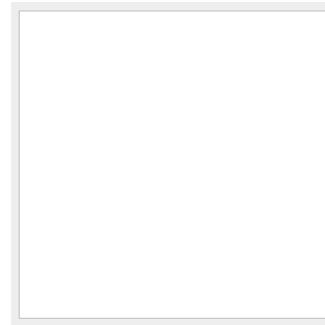
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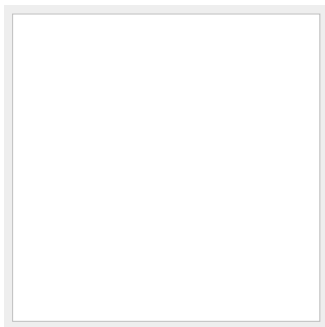
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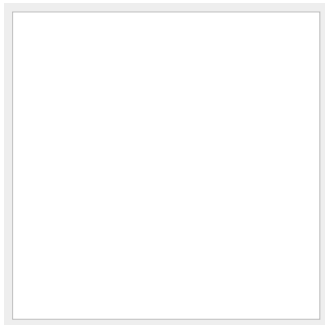
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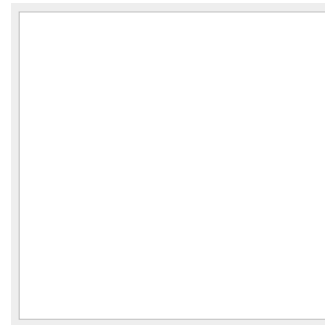
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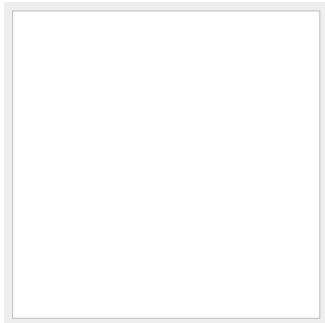
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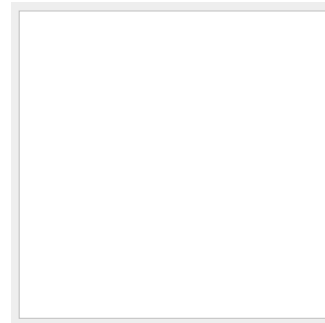
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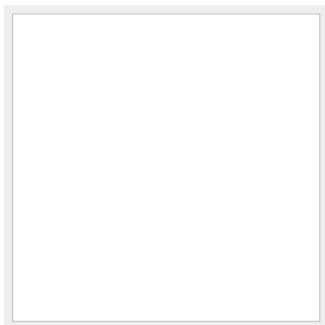
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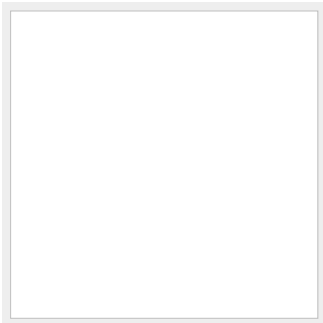
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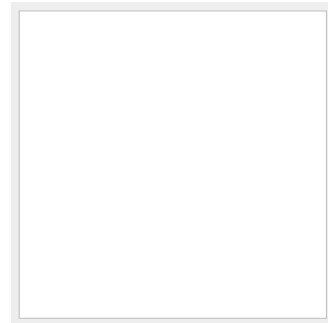
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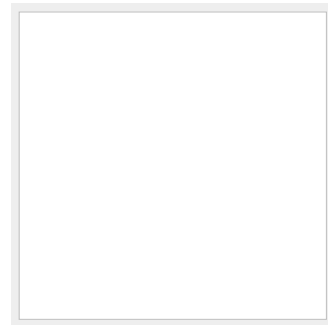
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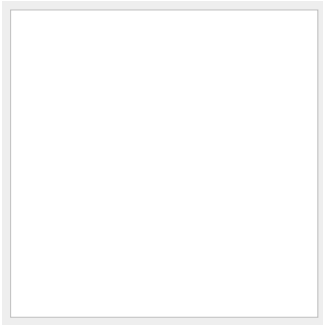
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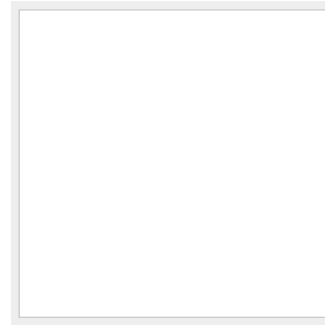
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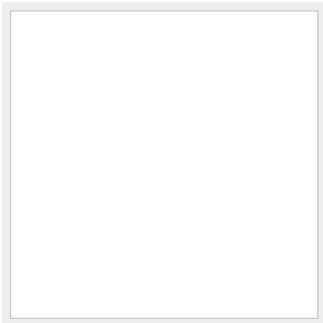
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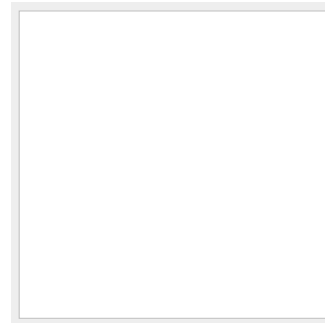
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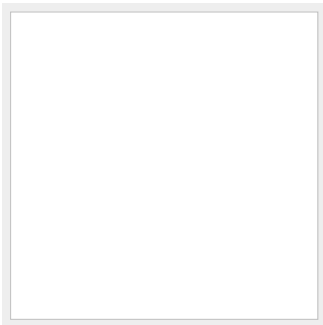
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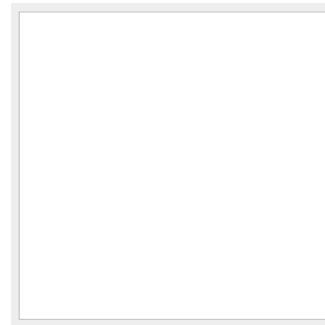
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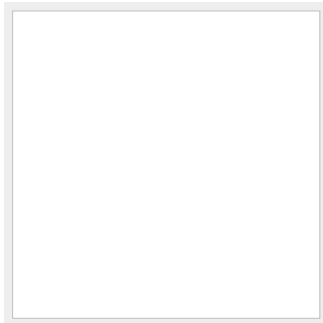
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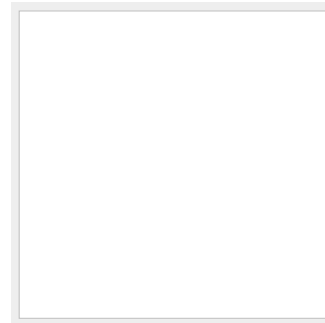
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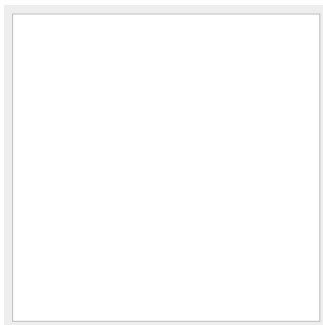
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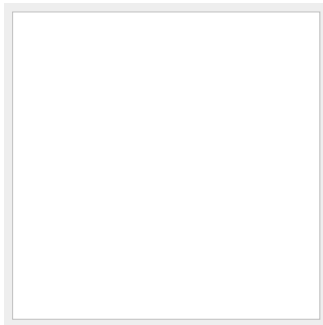
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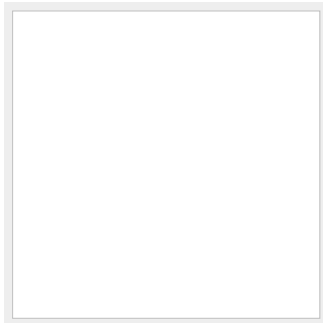
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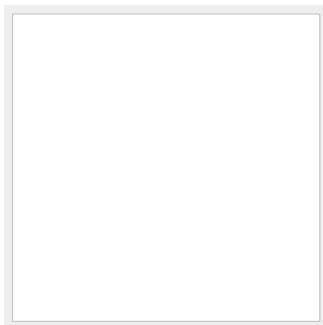
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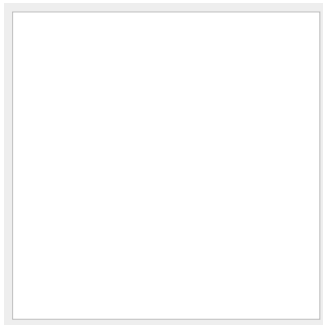
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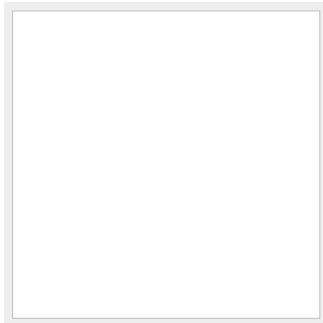
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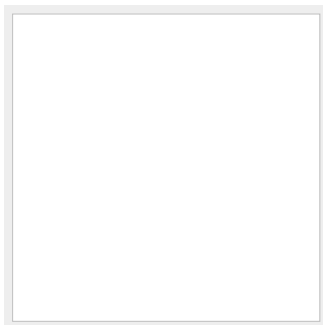
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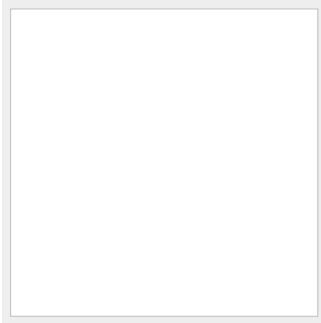
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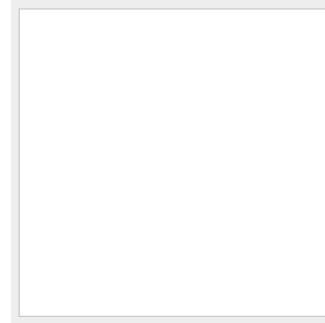
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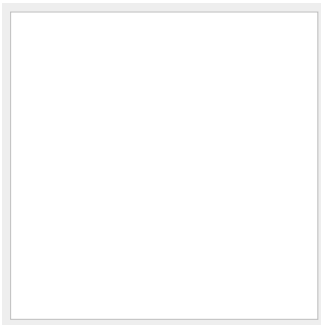
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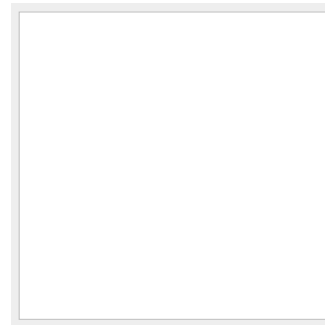
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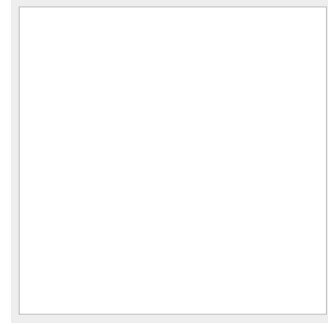
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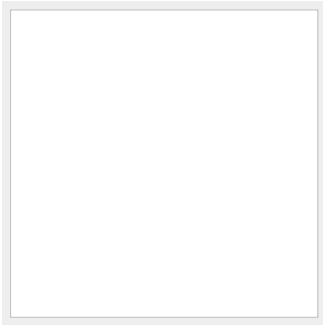
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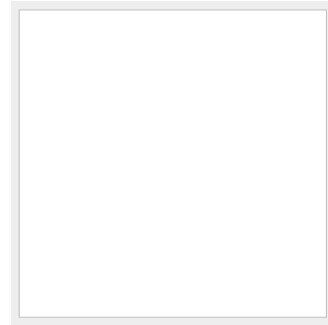
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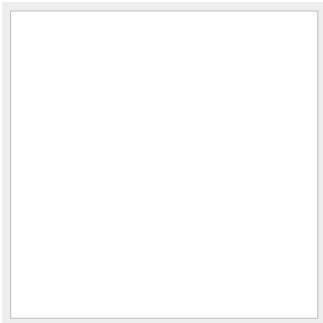
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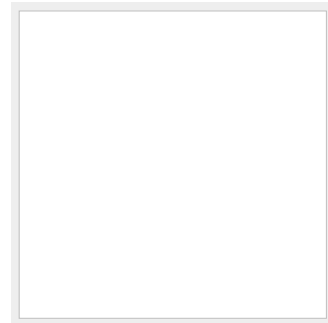
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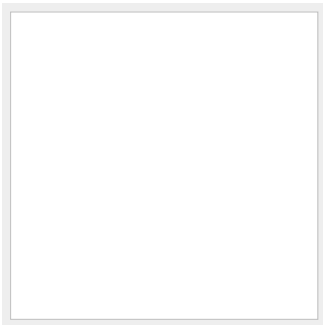
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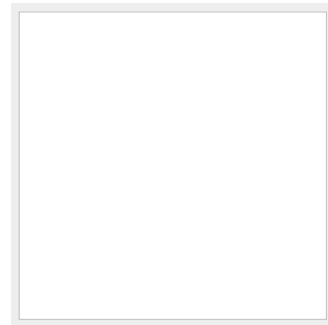
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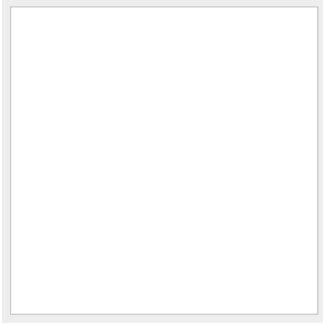
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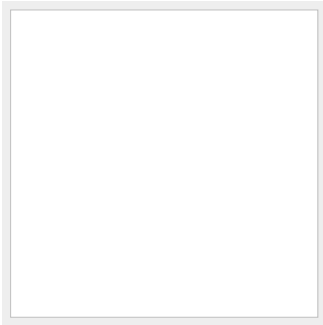
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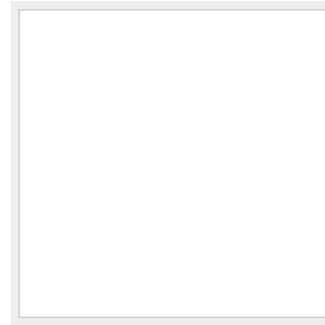
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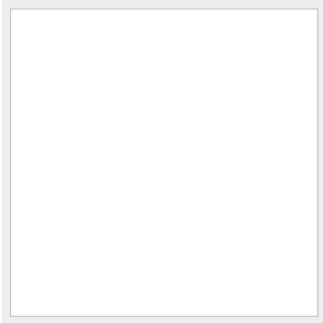
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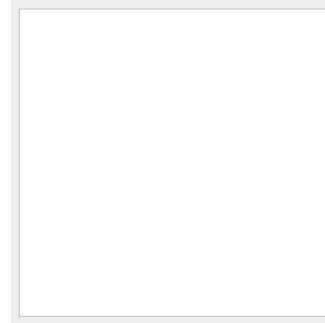
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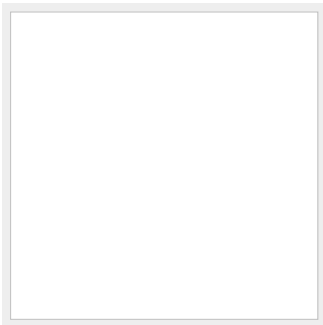
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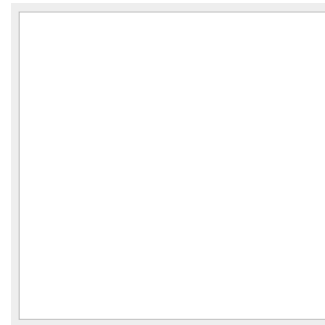
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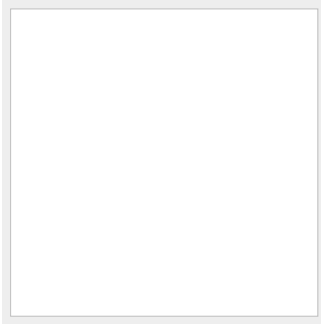
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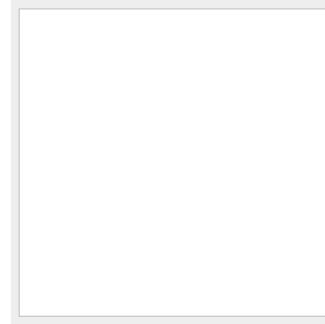
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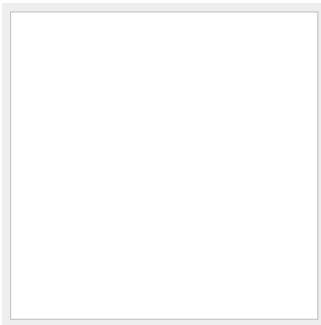
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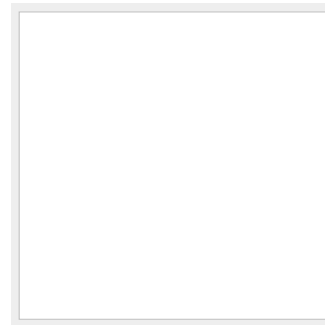
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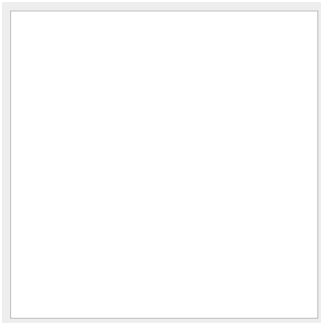
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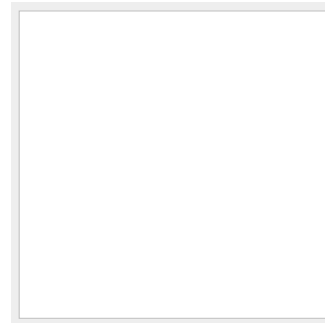
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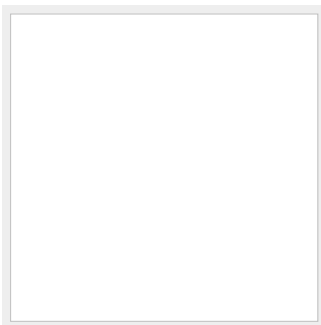
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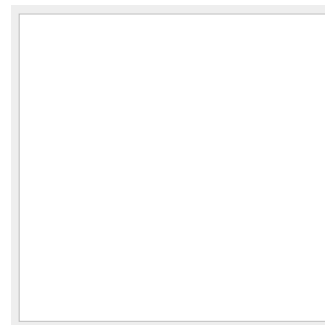
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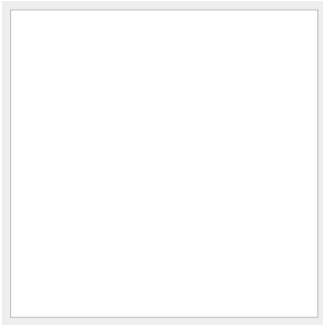
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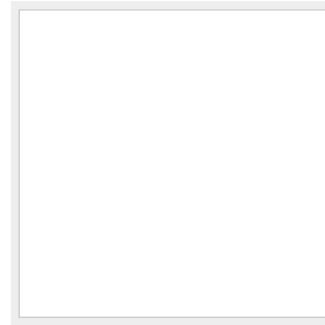
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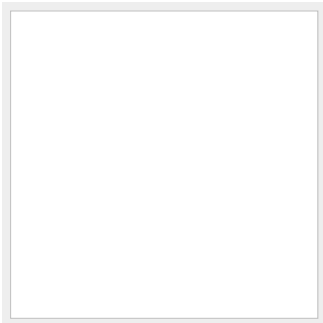
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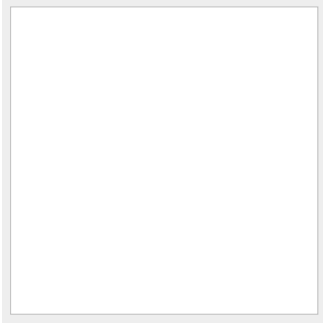
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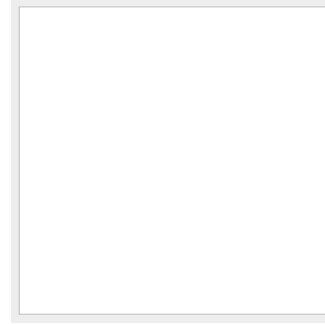
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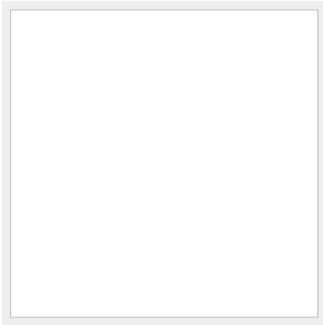
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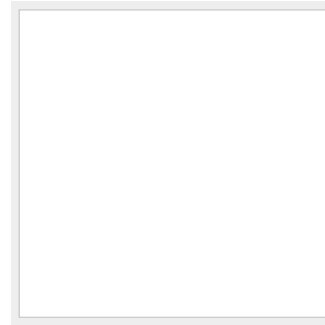
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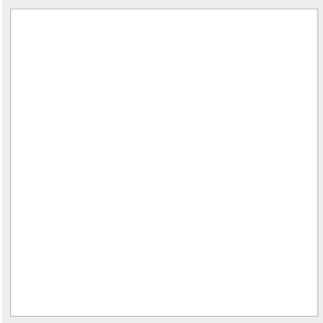
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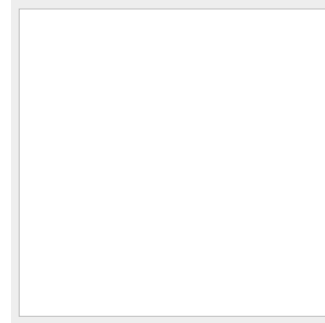
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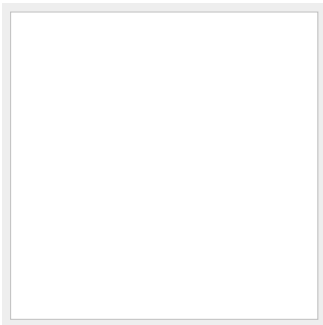
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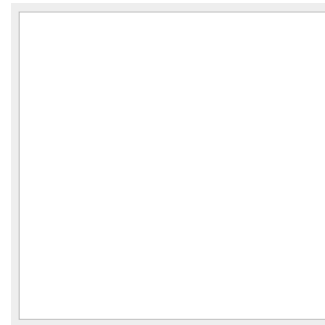
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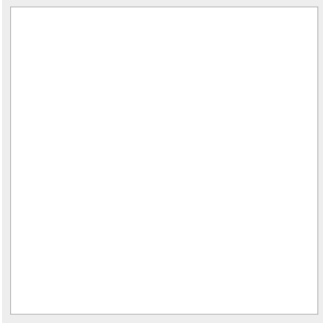
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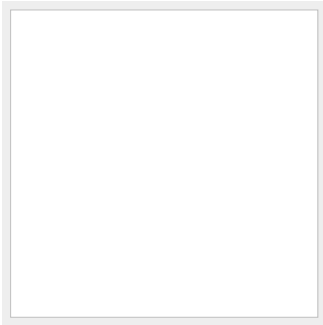
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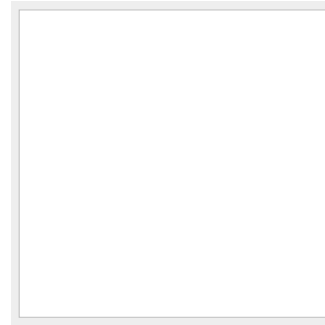
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