

2013 IFMAR 1/8th IC Track

World Championship

Stage Report – Jul.2012



For 25 years 1/8th RC Circuit Racing has been an integral part of the sport in Japan, and during this time we have always enjoyed the support of the RC Racing community from all over the world.

Since the 2011 disaster we have been rebuilding not only our country but also our spirits and we believe hope is regained with the help of our friends from around the world who also love this sport.

Please join us for the 2013 IFMAR World Championships and help us reconstruct our lives as we are here again, like a rainbow is the eternal symbol of hope, and also a bridge to recovery.

October 5th to October 13th 2013

Chiba-pre. Japan



General Information

- Name 2013 IFMAR 1/8 IC Track World Championship
- Date 5~13.Oct.2013
- National Body JMRCA (Japan model radio-control car association)
Chairperson KAZUHIKO NAKANISHI nakanishi@sagamimicro.co.jp
- Track **Keitune Racing Speed-Way**
1100-51 Tuchiuhara Ichihara Chiba Japan Zip Code 290-0215
PHONE+81 436363600 e-mail info@keitune.co.jp WEB <http://www.keitune.co.jp/>

Official Web Site

http://www.jmrca.jp/2013_ic_track/index

E-Mail 2013wc@jmrca.jp

Japanese Federation

JMRCA (Japan model radio-control car association)

<http://www.jmrca.com/>

President: KAZUHIKO NAKANISHI
Address: 3-8-9 Iwamoto-cho Chiyoda-ku Tokyo 101-0032 Japan
Phone +81 358253202

Organizing committee

- Masanori Mitsuhashi/ Chairman
- Kazuhiko Nakanishi/ Project manager
- Toru Kijima / Venue manager (Track Owner)

Race organization

- Trevor Reid / Chief Director CEO FEMCA
- Kazuhiko Nakanishi / Race Director JMRC
- Charlie Siribodhi / Referee FEMCA
- Masami Hirosaka / Host Country's Referee
- Yasuhiro Simoya/ Timing/Secretary
- IFMAR Referee / TBA

Geography

Chiba prefecture sits in east-central Japan, situated opposite of Tokyo divided by *Edogawa*, or Edo River. Located within the 20km radius of the heart of Tokyo, Ichihara city has been developed as an academic suburb in Chiba. The city also serves as an urban transit hub, connecting central Tokyo to various regions of Chiba prefecture with major railroads such as Sobu line and Keiyo line (both run by Japan Railways, or JR), and Route 14, a major national road. The greener South mainly consists of farmland, homestead woodlands and traditional housings, and is a home to many academic establishments. The industrial North facing Tokyo Bay comprises a part of Keiyo Industrial Zone, embracing more contemporary housing developments.

As of April 1, 2012, Ichihara city has 368.20km² in its area and is home to 278,276 people (117,418 households). Ichihara is a sister city to Mobile, Alabama (USA) and has been actively promoting exchange activities.

Access

International Airport

The Narita International airport : <http://www.narita-airport.jp/en/index.html>

Tokyo International airport (Haneda) : <http://www.tokyo-airport-bldg.co.jp/en/>

< Bus (highway bus)& Train: See below >

- Narita International airport





Narita airport Walk (1 minute) → Narita Terminal 2 Bus (40 minute) → Kaihin Makuhari Station
 JR Keiyo-Line 4St(12 minute)→ Soga Station JR Utibo-Line Kimitu 3St(10 minute)→ Goi Station

Narita airport Walk (1 minute) → Narita Terminal 2 Keisei-line 1St (6 minute) → Keisei-Narita Station
 Walk (4 minute) Narita Station JR Narita-Line 7St (30 minute)→ Chiba Station
 JR Utibo-Line Kimitu 5St(40 minute)→ Goi Station

● Tokyo International airport (Haneda)

Haneda airport(Tokyo Monorail) Haneda Airport Terminal 2 1St(3minute) Terminal 1 Walk (8 minute) →
 Haneda Airport Terminal 1(Bus stop) Bus(50 minute) Goi Station

< Car >

● Narita International airport

Narita – HIGASHI-KANTO EXPWY – miyanogi junction – KEIYO ROAD – TATEYAMA EXPWY Ichihara interchange

● Tokyo International airport (Haneda)

Haneda - Metropolitan Expressway B – KAWASAKI ukishima junction – TOKYO WAN AQUA LINE EXPWY –
 Kisarazu junction –TATEYAMA EXPWY Ichihara interchange

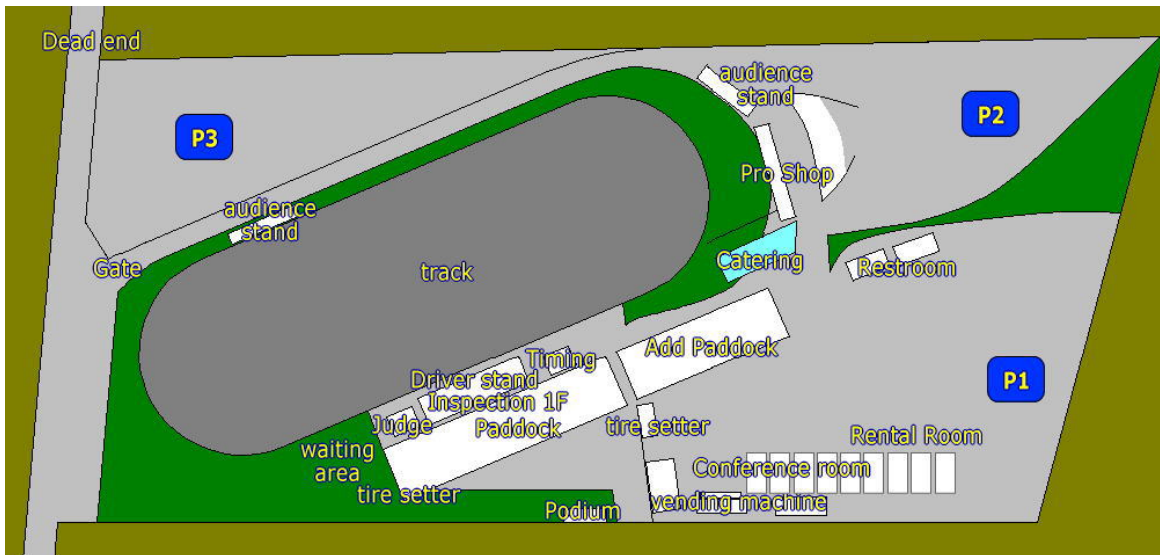
E140°13' 45" N 35°43' 07" (JDG) as a destination

Call “110,” if you meet with a traffic accident by any chance. “110” is the emergency police phone calling number in Japan.

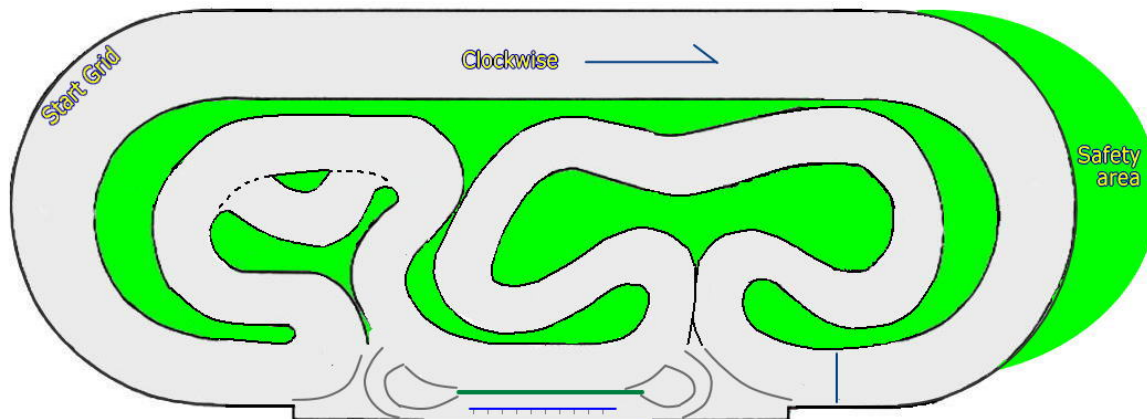


The emphasis at the Keitune track is fair and equal racing for all drivers by providing unsurpassed traction; the use of tire additives has long been a discussion point and as yet no valid testing method or way of controlling additives it has been put into place. The track is regularly treated with traction compound to ensure all drivers experience the best and fairest possible racing conditions. With the naturally high traction surface the use of additional tire treatments additives becomes senseless and of no advantage. Considering "fairness" as our supreme goal, we believe the track will provide its own answer as many drivers who have experienced the Keitune racing experience already know.

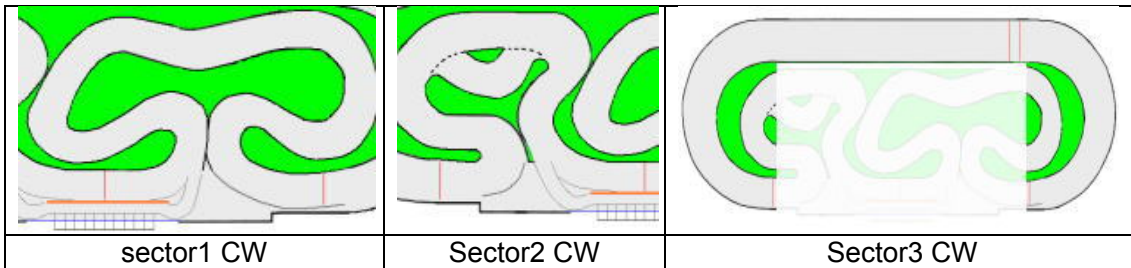
Site Layout



Track Layout



Keitune has hosted many Local and National Championships events for all classes from EP 1/12 to GP 1/5 scale due to its multiple layout adaptability including oval. Every year many drivers from all around Japan as well as some internationals come to enjoy the high level competition and the Keitune experience.



Details Track

- >Length: 317m, divided into 3 sectors each with individual timing, You can monitor both your lap time and sector time.
- >Sector 1 is 113m long, sector 2 is 71m long and sector 3 is 113m.
- >Sector1 has 2 right turns 4 left turns and 1 chicane (CW direction).
- >Sector 2 has 1 right turn 1 left turn and 1 right hairpin turn (at CW direction).
- >Sector 3 has 2 large high speed cambered turns and long straight way for high speed.
- >Direction is selectable to CW (clockwise) or CCW (counterclockwise)
- >Track width maximum 7m minimum 4.5m
- >Track surface is black asphalt with rubber for high grip and regularly maintained with traction compound to ensure fair and fast racing for all.

FACILITY

Our optical cable high-speed internet has been recently upgraded, further enhancing our venues facilities.



Driver Stand



Judge Room



H=3.5M



Tx rack



Sub conference space back S



Timing Room



Deck for Judge



North Gate for Entry



South Gate for down



Drivers mechanics Waiting Space



Inspection room under DS



Paddock



AC100V Each Table



Tire & Air Blower 1



Tire & Air Blower 2



Safety Area for run over



Safety net



Rest room



Catering



Sink



Rent box room Space



Add Paddock Space



Parking 1



Parking 2



Parking 3

<Space for parking lot>

Photo1 Photo2 Photo3 On-site total parking space: 200 cars.

In addition to the on-site parking for competitor's we will ensure temporary off-site parking is available also for visitors. There will also be transport from the off-site parking to the track to the..

About pit area & Paddock

Pit lane is 1m in width with a chicane for pit in / pit out
Pit garage are wooden block accommodating 10 teams.
Pick up space is 1.25m by 1m next to pit lane.
Each garage has a table for Engine starter box.
Monitors are located in the pit area for Race score.
Mechanics can contact drivers by dedicated microphone.



Pit lane

About Driver Stand

Constructed from Steel with up and down stairs each side and covered.
6 speakers system to ensure all drivers can hear instructions from race control
Intermediate floor (Left side) has a small Referee room with microphones and monitors for the judges.
W12.50m × D2.00m × H3.50m



Control tower

About Paddock area

Space is 31m by 7m with covered steeled roof.
Tables for 80 drivers. 60cm x 120cm for each drivers. If over 80 drivers, we have additional space.
Tire Truing 12VDC & 100V.AC power supply
2 Air Compressor for cleaning cars (4 spaces)



Paddock

About timing room

This room is for race control and timing officials only
The room houses multiple decoder's, computers, printers and copiers as well as the sound mixing equipment.
This is the central hub for all race control and lap counting for the event.



Timing room

About Internet environment

Wireless LAN can be used anywhere in the site



1998 1/10 EP Car racing Japan National Championship
 1999 1/10 EP Car racing Japan National Championship
 2000 1/12 EP Car racing Japan National Championship
 2001 1/10 EP Car racing Japan National Championship
 2003 1/10 GP Car racing Japan National Championship
 2004 1/10 GP Car touring Japan National Championship
 2005 1/8 GP Car racing Japan National Championship

2007 1/10 GP Car touring Japan National Championship
 2008 1/8 GP Car racing Japan National Championship
 2009 1/8 GP Car racing Japan National Championship
 2010 1/8 GP Car racing Japan National Championship
 2011 1/10 GP Car touring Japan National Championship
 2012 1/8 GP Car racing Japan National Championship
 2013

Event Schedule

Day of the week	Date	Event
Saturday	05	Registration Frequency Controlled Practice
Sunday	06	Registration Frequency Controlled Practice
Monday	07	Control heat Practice and Opening Ceremony
Tuesday	08	Qualifying
Wednesday	09	Qualifying
Thursday	10	Qualifying
Friday	11	Lower Christmas Tree Finals
Saturday	12	Higher Christmas Tee Finals
Sunday	13	Spare Day

Schedule is according to IFMAR's regulation but October in Japan, sunset is around 17:30 PM. When we get all entry we will adjust time schedule.

<Opening ceremony>

Maybe do not need ritual but, in compliance with the provisions of the IFMAR, we will do the opening ceremony on Oct. 7 at 18:30 PM. Place is at KRS track but, we would like to have ahead of time to get better photo if IFMAR approved. After 18:30 PM is not bright enough. Admission of international drivers with National anthem, placard. raising of the national flag of each country, Greetings from Mr. Dallas Mathiesen, Mr. Sander de Graaf.

<Closing session>

Awards ceremony at fairgrounds at the official hotel on Oct.12 at 18:30 PM.



Rules

Race will follow 2013 IFMAR Rules

http://www.ifmar.org/pages/rule_page_new_2012.html

<Extracts>

2.14 TRANSMITTERS (Approved Frequencies)

- ① All radio-controlling devices shall only use the frequencies permitted in this country.
- ② Use of 2.4GHz frequency band is permitted (Devices approved by the Japan Radio Control Safety Association only).
- ③ SPECTRUM、RADIO POST is Not allowed

As we informed before, we should observe Japanese radio law which is provided by Japanese Ministry of Internal Affairs and Communications when we use any kinds of radio equipment.

This Japanese radio law is not for protective trade for Japanese products, but for preventing interference and disturbance of wireless communications and for effective use of electric wave as a rare and a limited resource.

As you may know, we can use 27MHz and 40MHz band for radio control car in Japan. 27MHz band has 12 channels and 40MHz band has 8 channels. So, we can use 20 channels in narrow band for radio control car in Japan. Same as Japan, all other countries may have same kind of regulation for radio use. As proof, we can see a frequency band list is on a report (result) of R/C car championship tournament.

As for 2.4GHz band, it is not exclusive band for hobby R/C use. 2.4GHz band is categorized in ISM (Industry, Science and Medical) band and many other devices such as microwave oven, medical equipment, amateur radio communication and WiFi for PC are using this frequency band. Thus, to avoid unnecessary interference and illegal use of radio wave in Japan, any radio products should obey Japanese technical standard and regulation.

Same as narrow band, each country may have unique regulation for 2.4GHz band use. Thus, we should follow regulations, rules and a law of each country when we export our products to foreign countries and vice versa. We should take TELEC approval, technical standard for radio products in Japan, when we import any radio products from oversea countries.

Easily assume, interference is occurred when we enjoy (use) hobby R/C products because it uses "Radio Control". Therefore, to avoid unnecessary troubles, every radio products suppliers can realize that they cannot sell any radio equipment without TELEC approval and we can prompt users to do not use a radio product without TELEC approval in Japan if we announce that any radio should obey Japanese radio technical standard and TELEC approval.

Frequency permitted in Japan (27 & 40 MHz) shall be used and each driver should have spare frequency (27 & 40 MHz module switch type is most adequate). (Cannot participate without band switching capability.)

Domestic Code	
26 . 975 MHz	01
26 . 995 MHz	02
27 . 025 MHz	03
27 . 045 MHz	04
27 . 075 MHz	05
27 . 095 MHz	06
27 . 125 MHz	07
27 . 145 MHz	08
27 . 175 MHz	09
27 . 195 MHz	10
27 . 225 MHz	11
27 . 255 MHz	12

Domestic Code	
40 . 610 MHz	61
40 . 630 MHz	63
40 . 650 MHz	65
40 . 670 MHz	67
40 . 690 MHz	69
40 . 710 MHz	71
40 . 730 MHz	73
40 . 750 MHz	75

4.6 LAP COUNTING TRANSPONDERS

Each participant is responsible for attaching the lap counting transponder to their car.

During qualifying, any car starting without a lap counting transponder will not be counted.

If a lap counting transponder fails or falls off during the heats, the vehicle will be timed and counted manually, if possible. (AMENDED JANUARY 2011)

Measurement software uses the spark2. About the spark2, development from the beginning, we have been a suggestion and advice to Mylaps. We know everything about the software. And also we have been using for many years for Japan Nationals. We are planning the RC scoring or SlyFox to backup during the race, we use time management software which developed by JMRC and spark2 at the same time. Video billboard shows and we can hear that track open, Start, elapsed time, timeup. 1.5 loops for timing line are already buried.

2. About 20 pcs of Mylaps monitor screens for referee, stand and the venue so they can see the race results.

3. Video monitor on timing line and starting grid for surveillance, see jump start etc.

5.23 Fuel

It will be under investigation and waiting for decision of IFMAR AGM 2012 Argentina

Administration and Distribution of Controlled Fuel

○ Administration of Fuel

All fuels in their necessary quantities will be brought in at the venue in 4L production cans as sold in market (and not of unique quality specifically formulated for the event) prior to the event, which will be administered by the organizer.

All fuels then will be repackaged into a total of 60 smaller bottles, and grouped into 10 bottles each to be handed out for pit crews, for drivers of the immediately following heat and for refills.

○ Distribution of Fuel

Drivers are given their own choice of fuels. Fuel bottles will be handed out to pit crews upon entering the pit area (where one-way traffic is enforced) and will be collected by the organizer after the race for refilling.

In case of fuel supply shortage, additional fuels may be brought in in the same administration manner as described in the previous section above under IFMAR's supervision.

- Cosmo & Trend Service Co,ltd
COSMO Racing Star 25
ZIP 140-8614
2-5-8 HIGASHISHINAGAWA SHINAGAWA
TOKYO JAPAN
TEL +81-3-5462-2800 FAX +81-3-5462-2802
<http://www.cosmo-trade.com/>



- Sinonaga Kasei Co,ltd
Sinonaga Fenrir Racing 25
ZIP 530-0038
6-8 KOBACHO KITAKU OSAKA CITY OSAKA
JAPAN
TEL +81-6-6356-1421 FAX +81-6-6356-1425
<http://www.nasa-rc.com/>



- Technique Japan
KLOTZ Competition 25
ZIP 272-0827
5-16-12 KONODAI ICHIKAWA CITY CHIBA
JAPAN
TEL +81-47-320-8055 FAX +81-47-320-8058
<http://www.technic-japan.com/>



- Maxima Fuel & Engine
MAXIMA Tarmac 25%
ZIP 10330
11th floor.Orakarn Bldg, Chidlom Rd,
PATumwan Bangkok Thailand
TEL +66-84-656-1645
<http://www.maximafuel.com/>



IFMAR APPROVALS MUFFLERS

http://www.ifmar.org/pdf/mufflers/Microsoft%20Word%20-%20MUFFLER8_2011.pdf

IFMAR APPROVALS BODIES

<http://www.ifmar.org/pdf/bodies/IFMAR2011bodylist%20scale%20typo%20fixes.pdf>

Timing

We use a dual measurement system with SPARC2 by MYLAPS/ And also introduced software that manages the tournament schedule. This allows the precise event operation can be. In addition, the sector can be measured, and measured the speed trap.

Pre-World Championship Race (Warm up Race)

Pre-World Championship Race (Warm up Race)	
Name	2013 1/8 IC Track Warm up Race
Date	20 to 26 May 2013
National Body	Japan model radio-control car association
Host club	JMRCA
Track	Keitune Racing Speed-Way
Official Web Site	http://www.jmrca/2013_ic_track/pre/top.htm
mail	wra@jmrca.jp

○ Event Schedule

20~22 May	Free Practice (8:00AM)
23 May Thu	Free Practice & Registration (8:00AM)
24 May Fri	Qualification (8:00AM)
25 May Sat	Qualification (8:00AM)
26 May Sun	Finals (8:00AM)

○ Entry for the participants from Overseas

The Deadline of Entry is 30April, 2013. By the due date, you need to send the filled Entry form via Web, or E-mail. (You can download the entry form via the internet.)

You will be able to recognize/confirm your entry through the homepage.

The organizer will collect your entrance fees at the Race Track on MAy.23,2013.

An entrance fee : \15,000JPY (Includes Control Fuel)

Rule

The Pre-Worlds Warm Up Race will follow IFMAR 1/8 IC Track Rules.

Hotel information

There are many international type Hotels. Goi -town, Makuhari-town and Narita-town are nearby towns.

Official Hotel



GOI GRAND HOTEL

Address 5584-1 Goi Ichihara-shi Chiba
TEL +81-436-23-1211 / FAX +81-436-23-1217
WEB <http://www.goigrand-hotel.jp/>
MAIL info@goigrand-hotel.jp



Goi Grand Hotel will be our principle hotel catering for a variety of our racers and officials needs for this IFMAR WC event

Pick up service from Airport to Hotel can be arranged.

During WC, Special breakfast & dinner for those who stay in the hotel, Meals will be prepare in the event hall at the hotel. The prize giving banquet party will be held in the same hotel

A special hotel room rates will be offered



ICHIHARA MARINE HOTEL

Address 2-22-8 Goi chuonishi Ichihara-shi Chiba
TEL +81-436-21-5119 / FAX +81-436-21-5011
WEB <http://www.marinehotel.jp/>
MAIL mail@marinehotel.jp

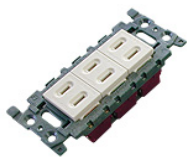


Electricity

Electricity supplies in the meeting place are 100V - AC (50Hz)



Supply of electricity at pit benches is for chargers and light usage at 3 amperes per outlet only. Higher rated power outlets are identified and classified by color.



Power outlets are available in the pit tables and tents as required.

CATERING

We will prepare your delicious meals!!



Unit house

We are a factory specializing in providing your team cabins to suit your requirements.

This hut has several plans by size and air-conditioning.

We will publish more planes on the website providing more information as required.



- UH Series (UH57H)
L:5,810×W:2,320×H:2,395 13.27㎡
- UH Series (UH75H)
L:7,610×W:2,320×H:2,395 17.27㎡

Doctor

There are many hospitals and doctor's offices in the town. In the event of ambulance being required the KOFUDAI fire office is only about 10-15 min away. In case of high emergency, we are also prepared as THE DOCTOR HELLI is available in the case of any emergency medical situation.



Shopping

UNIQRO COSTOCO IKEA SOGO JUSCO ITOYORKADO etc. within one hour



MITSUI OUTLET PARK 木更津

<http://www.31op.com/kisarazu/index.html>

R/C Stores

FUTABA RC CAR PRO SHOP

Address : 1-13-32Natsumi Funabashi-shi Chiba 273-0865 JAPAN

Close: Monday

Tue–Sat: 12:00 to 21:00

Sun, National Holiday: 10:00 to 20:30

<http://www.pro-s-futaba.co.jp/home/>



SAGAMI☆DO

Address : 3-6-7 youkodai Cyuo-ku Sagamihara-si Kanagawa 252-0226 Japan

Close: The second, third Tuesday

Open: 10:00~20:00

1F 042-754-8317(玩具部) 2F 042-756-3477(ホビ一部) FAX 042-754-5211

<http://sagamido.jp/>



Recreation and sightseeing

Sensō-ji



Sensō-ji (金龍山浅草寺 *Kinryū-zan Sensō-ji*) is an ancient Buddhist temple located in [Asakusa](#),

[Taitō, Tokyo](#). It is Tokyo's oldest temple, and one of its most significant. Formerly associated with the [Tendai sect](#), it became independent after [World War II](#). Adjacent to the temple is a [Shinto shrine](#), the [Asakusa Shrine](#)

Tsukiji fish market



Tsukiji as seen from [Shiodome](#)

The **Tokyo Metropolitan Central Wholesale Market** (東京都中央卸売市場 *Tōkyō-to Chūō Oroshiuri*

Shijō?), commonly known as the **Tsukiji Market** (築地市場 *Tsukiji shijō?*), is the biggest [wholesale fish](#)

and [seafood](#) market in the world and also one of the largest wholesale food markets of any kind. The market is located in [Tsukiji](#) in central [Tokyo](#), and is a major attraction for foreign visitors.