



WELCOME TO COLDWAVE

ColdWave is the premier ultra-low temperature (ULT) service provider. We provide innovative equipment and handling solutions for super-frozen tuna and other cargo that require extremely cold temperatures.

ColdWave provides containerized ULT blast freezing services and ULT shipping services for sashimi grade tuna and other seafood. IF YOU NEED below -60C, WE'RE YOUR ANSWER!!

ColdWave's advanced, yet simple to use equipment and our team's vast know-how of the tuna industry are the main elements that assist our customers to maintain the freshness that comes straight from the sea – products we call SUPERFRESH.

ColdWave is the only company in the world that can manage the -62C (EP) cold-chain from the sea to the table.





ColdWave Logistics by CW Logistics Ltd:

- ***Established in September, 2004***
- ***The main office is locating in Nihonbashi, Tokyo Japan***
- ***Area of operation - Asia region***
- ***Main markets: China, Korea, Japan, Thailand, Singapore, Taiwan***
- ***Agent for ColdWave global operations including:***
 - ***Farmed tuna (Med, Australia, Mexico)***
 - ***Tuna longliner business (Atlantic, Pacific, & Indian Oceans)***



ColdWave's Contact & Organization

Company Name; CW Logistics Ltd. (As General Agent for ColdWave Systems LLC,)
Address: Nihonbashi Sunrise Building, 13-10, 2 Chome, Nihonbashi,
Chuo-ku, Tokyo 103-0027 Japan
Phone & Fax: +81-3-3273-4993 (Phone) +81-3-3273-4987 (Fax)

President: MITSUMASA Uchiyama E-mail: muchiyama@saneitk.co.jp

Global Marketing & Operations: (Europe, Australia and other)
FUMIYOSHI Yoshioka – Director
E-mail: yoshioka@coldwavesystems.com

Asia Pacific Marketing & Operations: (Asia.... China, Korea, Singapore, Thailand and other)
TOMO Kanzaki – Director
E-mail: kanzaki@coldwavesystems.com
Global Mobile: 86-139-6391-7235

Asia Pacific Marketing & Operations / China Region
JIN Long Yun – China Representative
E-Mail: jinlongyun@coldwavesystems.com
Phone: 86-532-8082052 Fax: 86-532-8082053 Global Mobile: 86-135-8322-1665

AGENTS

China Agent: Yingkou International Freight Co. (Please contact at our China rep office)

Singapore Agent: Lau Sun Lighterage Co.,
Contact: 65-6266-6918 & 0931 (Phone) 65-6268-3365 (Fax)

Singapore Agent: E-Log Supply Chain Pte., Ltd.
Contact: 65-6273-3155 (Phone) 65-6273-3552 (Fax)



ColdWave: Advanced Process

To serve seafood farmers, traders, distributors, and retailers, ColdWave utilizes its patented technology and proprietary methods to:

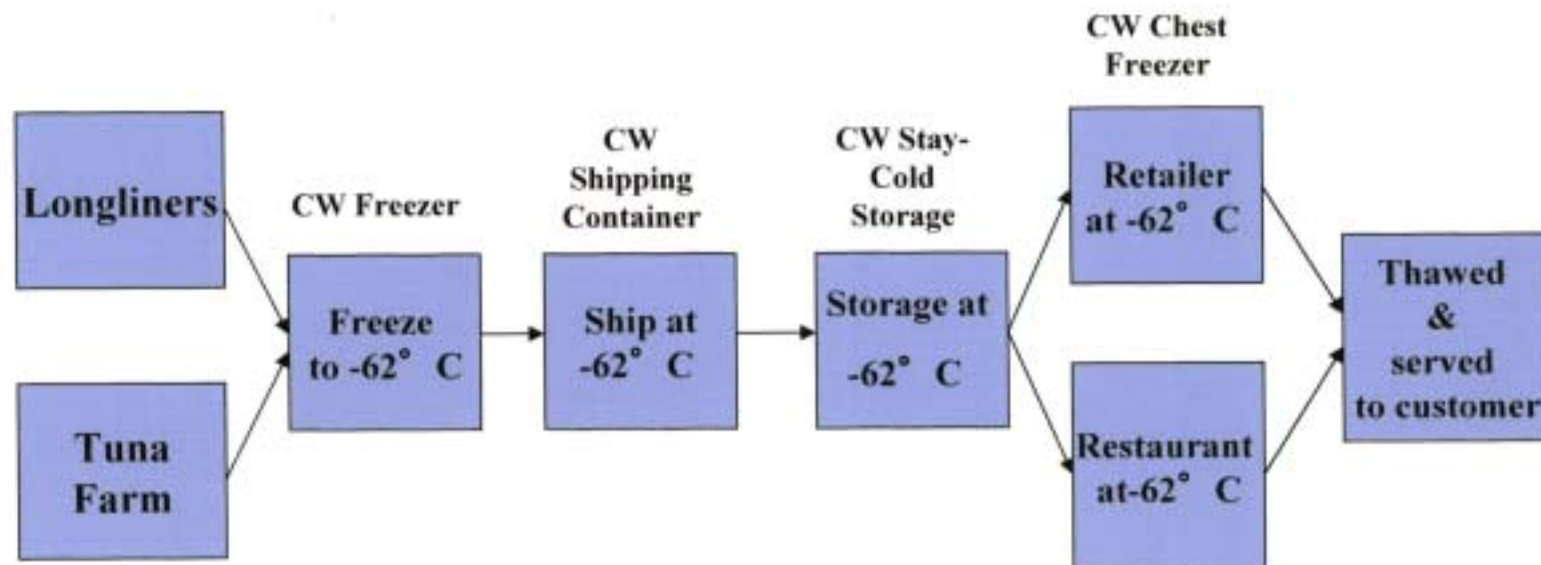
- 1) Freeze**
- 2) Ship**
- 3) Store**

The *CW Process* helps our customers provide high quality -62° C (EP) frozen seafood from the source to the end-user surpassing the temperature and quality standards accepted by the Japanese sushi industry.



ColdWave Supply Chain

ColdWave's "Cold Chain" provides the end-user with highest quality -62°C frozen seafood.



During the last 5 years CW's services have been accepted in more than 20 countries around the world. [ColdWave Logistics](#) in Japan serves as the commercial center that will expand the ColdWave Process into new countries and onto new products.



ColdWave Freezing



Harvest



Process



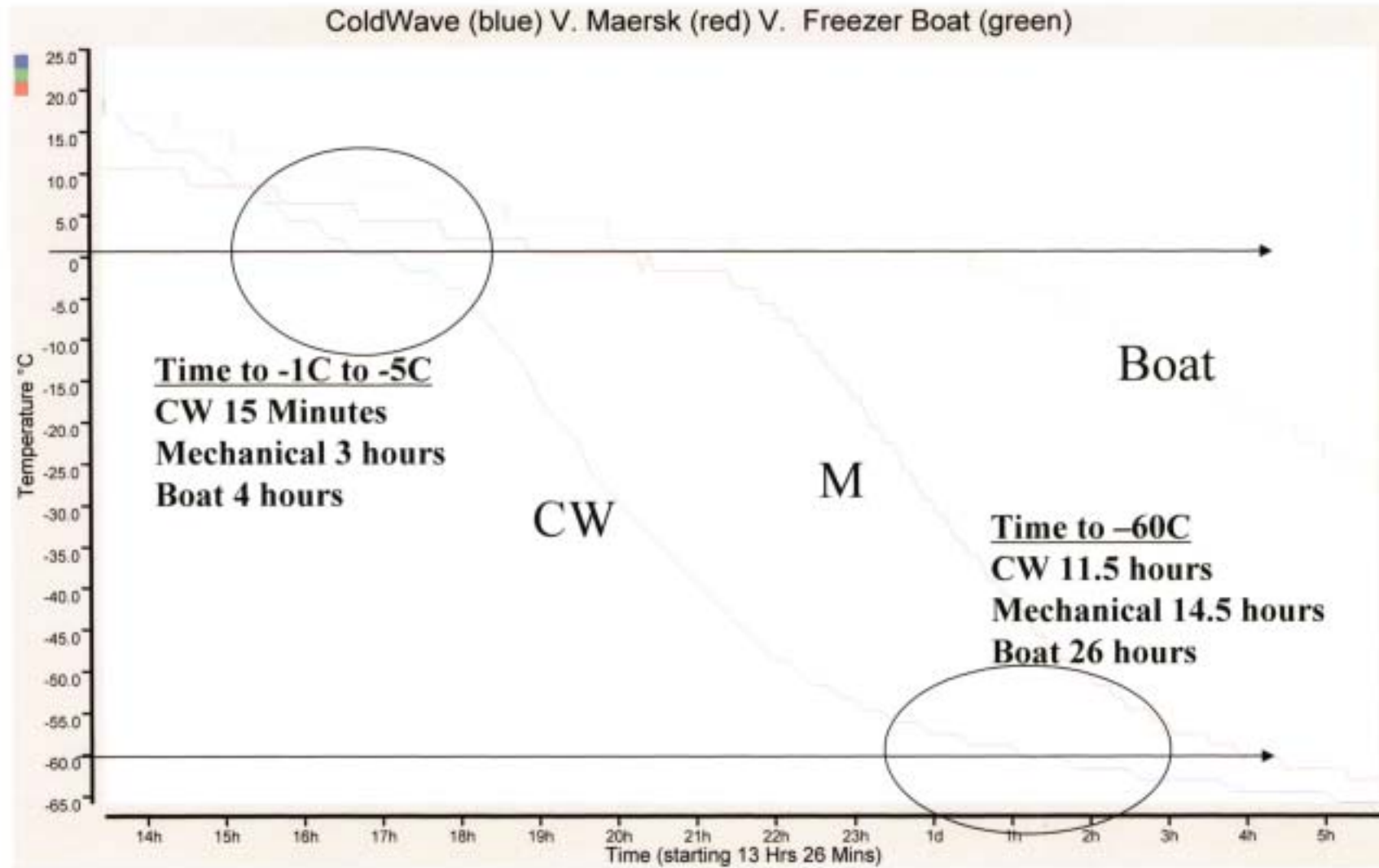
Freeze

Within hours of catch, tuna is processed and put into ColdWave's -62°C blast freezer.

Fish is frozen, preserving cell structure, maintaining color, texture, and taste.



Freeze Speed Affects Quality





ColdWave Freezer



Freezer Production

- Freezers designed and manufactured specifically for tuna
- ColdWave deploys 10 freezers worldwide

ColdWave Shipping



Loading



In Transit



Unloading

Once frozen, CW offers an economical & effective shipping solution that maintains product at -62° C throughout the transit.

- Shippable to any worldwide location
- -62° C is maintained for up to 60 days with no human handling
- ISO certified shipping container
- Non-mechanical; ships as “dry” container
- Inland transit via truck or train



Shipping: Quality and Production



Shipping Container Production

- Containers designed for EP tuna
- Containers built to ColdWave's specifications
- ColdWave currently operates 210 super-insulated containers



ColdWave 'Stay-Cold' Storage



ColdWave ISO containers can store up to 25 MT of product at -62° C

- Low installation cost
- Utilizes dry ice
- No mechanical breakdown
- Portable storage system can be installed virtually anywhere



Airfreight Comparison

- Fresh by Airfreight
 - Delays cause spoilage
 - Lack of temperature control
 - Inconsistent quality of fresh tuna
- EP Frozen (-62°C)
 - No spoilage
 - Easy delivery by boat, train, truck
 - EP freezing & shipping cost is 60-65% of the airfreight delivery cost





Other Key Facts

- EP is the next evolution in food delivery technology: Developments in food science & technology, combined with improved refrigeration and the use of microwave ovens, are creating a fast-growing industry.
- World markets learning food quality issues from Japan: Consumption of *sashimi* and *sushi* is increasing in Asian countries, the United States, and Europe.
- Tuna is number one EP product and growing:
 - Estimates put the 1999 tuna catch at close to 4 million tons
 - Japan imports 400,000 to 500,000 tons of ULT tuna annually
- Supply sources are vast: The high demand seafood items in USA and Europe come from farms of ULT Long-liners:
 - Farms: Salmon, Tuna, Yellowtail, Shrimp
 - ULT Boats: Tuna, Swordfish, Mahi-Mahi



ColdWave Systems LLC:

- ***Established in 1999***
- ***Based in Gloucester, Massachusetts, USA***
- ***Operating globally in more than 20 countries***
- ***Patented freezing and shipping equipment & methods***
- ***Current CW fleet:***
 - 10 Blast Freezing containers***
 - 210 Shipping containers***





ColdWave Systems LLC, Organization and Contact

Managing Director:

B. Eric Graham

Phone: +1 (978) 282.8210 Fax: +1 (978) 282.8215

E-mail: egraham@coldwavesystems.com

Chief Operating Officer:

Daisuke "DAI" Kawauchi

E-mail: kawauchi@coldwavesystems.com

Chief Financial Officer:

Robert Davis

E-mail: rdavis@coldwavesystems.com

Head Operation Technician:

Brenton Cliff

Phone: +61 (0) 408.837.263

E-mail: kbcliff@coldwavesystems.com

Americas Operations:

Jeff Vannart

E-mail: jvannart@coldwavesystems.com

Australia Operations:

Darryl Evans – World Link International

Phone: +61 (08) 8353.2033 Fax: +61 (08) 8235.0105

E-mail: devans@worldlinkau.com