



Expeditions – Yacht Racing

ARGOS: A SENSE OF ADVENTURE



ARGOS
COLLECTE LOCALISATION SATELLITES

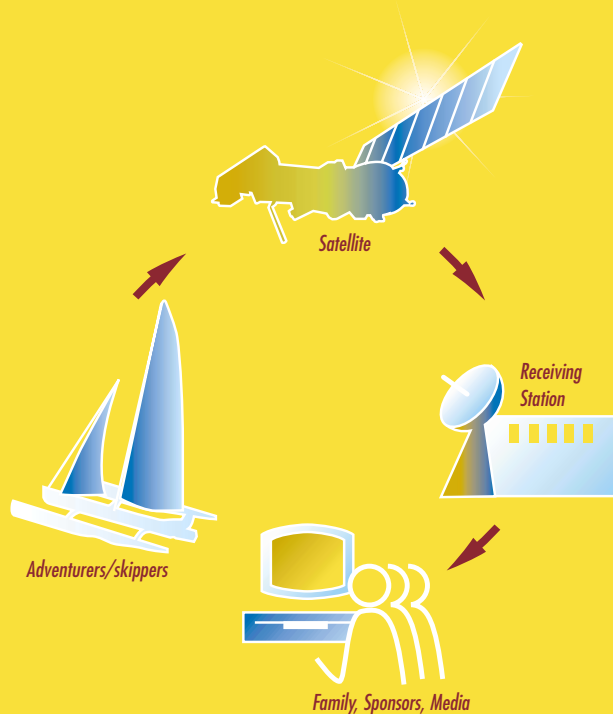
WITH THE

Argos SYSTEM

KEEP YOUR FAMILY
AND FRIENDS,
RACE ORGANIZERS,
AND THE PUBLIC ON SHORE
IN CONSTANT TOUCH
WITH YOUR PROGRESS

- Several thousand Argos transmitters have already accompanied skippers, rowers, windsurfers, and swimmers who have boldly crossed the world's oceans.

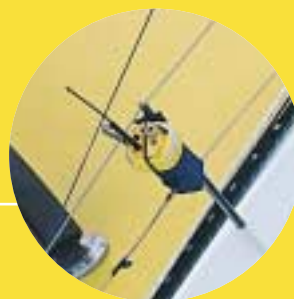
On land, hundreds of adventurers on foot, bicycle, skis or even on sleds have crossed the harshest climates carrying an Argos transmitter.



Argos is a worldwide satellite-based location and data collection system.

SERVICES ADAPTED
TO YOUR NEEDS

- **Transmitters:** CLS delivers and installs your transmitter, and a technician shows you how operate it.
- **Mapping software:** CLS supplies, installs, and trains you to use special mapping software that communicates with our Argos processing center so that you can display positions on screen.
- **Request for assistance messages monitored 24 hours a day, 7 days a week.**
- **Race service:** provides race placings, speed, and heading of competitors to keep the press and fans informed throughout the race.
- **Result distribution:** by e-mail, FTP, fax, or Internet.
- **Technical support:** from specialists who monitor races and expeditions all year round to give you the best possible service.



Yacht Races

- The Around Alone
- Vendée Globe
- La Route du Rhum
- The Osaka Cup
- Route du Café
- La Solitaire du Figaro
- Tour de Corse (Around Corsica)
- La Transquadrasolo...

Adventurers

- **Mike Horn**
Around the world along the equator on a trimaran, on foot, bicycle or in a canoe.
- **Victoria Murden**
First woman to row across the Atlantic Ocean.
- **Ola Skinnarmo and Göran Kropp**
Swedish expedition from the coast of Russia to the North Pole.
- **Laurence de la Ferrière**
Antarctic crossing in Adelie Land.
- **Arnaud Tortel et Rodolphe André**
Expedition to the geographic North Pole from the Russian coast.
- **And many more...**



SHARE YOUR

exploits



Argos TRANSMITTERS

ARE EASY TO USE,

LIGHT AND OPERATE UNATTENDED

- Locate an expedition or boat remotely.
- Send pre-coded messages to report on progress.
Each message is carefully defined before you depart.
- Gather valuable information about each boat: speed, heading, race placings and more.
- Send a request for assistance message to the race organizer.

On land: TAT 3

Pre-coded messages	16
Send requests for assistance	yes
Can float	no
Water resistance	water-resistant
Weight	1.3 kg
Dimensions	85 x 57 x 150 mm
Batteries	Lithium
Battery life	2-3 months
Operating temperature	-20°C to +50°C
Transmission power	1 Watt



Obtaining your results

(positions, messages...)

- You can access positions and data anywhere in the world via the usual communication networks (e-mail, fax, FTP...).
- A dedicated software application supplied by CLS lets you display data and track progress on a map on your PC.



The Route du Rhum yacht race in 1998



On water: MAR YX

Pre-coded messages	5
Send requests for assistance	yes
Can float	yes
Water resistance	waterproof
Weight	1.6 kg
Dimensions	
■ Diameter including float:	150 mm
■ Height with antenna deployed:	480 mm
Batteries	Lithium
Battery life	2-3 months
Operating temperature	-20°C
	to +50°C
Transmission power	2 Watts



Argos is a satellite-based system dedicated to studying and protecting the environment. It is not designed to ensure the integrity of property or the safety of personnel.

Your Argos contacts

AROUND THE WORLD

United States: NACLS

9200 Basil Court, Suite 306
Largo, MD 20774, United States
Tel. +1 301 341 1814 - Fax +1 301 341 2130
E-mail: info@nacls.com
Web: www.nacls.com

Australia: SIT

GPO Box 1289 K
150 Lonsdale Street
Melbourne, VIC 3001, Australia
Tel. +61 (0)3 9669 4650 - Fax +61 (0)3 9669 4675
E-mail: clsargos@bom.gov.au

Japan: Cubic-I

Takeuchi Bldg. 6F
8-1-14 Nishi-Gotanda
Shinagawa-ku
Tokyo 141, Japan
Tel. +81 (0)3 3779 5506 - Fax +81 (0)3 3779 5783
E-mail: argos@cubic-i.co.jp

Peru: CLS Perú

Trinidad Moran 639
Lince-Lima, Peru
Tel. +51 1 440 2717 - Fax +51 1 421 2433
E-mail: cvillaran@clsperu.com.pe

Chile: Cunlogan

Alte. Senoret 70
Valparaiso, Chili
Tel. +56 32 252 843 - Fax +56 32 257 294
E-mail: cbull@entelchile.net

Singapore: CLS Asia

Loyang Offshore Supply Base
Loyang Crescent
Block 3 Unit 4
SCPS Terrace, box 5172
Singapore 508988
Tel. +65 545 80 00 - Fax +65 545 00 93
E-mail: philcourr@aol.com

Korea: KL Trading

KL TRADING
Room N°312, Samho Bldg 236-10
Yongdap-Dong, Seongdong-Ku
Seoul, Korea
Tel. +82 2 2215 7134/5 - Fax +82 2 2215 7136
E-mail: klscKim@shinbiro.com

Distributor list available from CLS.

France: CLS

Parc Technologique du Canal
8-10, rue Hermès
31526 Ramonville Cedex, France
Tel. +33 (0)5 61 39 47 20 - Fax +33 (0)5 61 39 47 97
E-mail: info-argos@cls.fr
Web: www.cls.fr



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