

A large circular graphic on the left side of the slide. It features a teal-tinted image of Earth from space, with a diagonal line cutting through it. Below the Earth, there is an aerial view of a port with a large cargo ship and several colorful shipping containers. The entire circular graphic is surrounded by a ring of small, white, vertical tick marks, resembling a clock face or a radar display.

ESA Space Solutions support for Maritime Service Development

Grant Day

ESA Business Applications UK Regional Ambassador
- South West England & Wales

The largest space innovation network in the world

- The go-to place for great business involving space to improve everyday life.
- Supporting European start-ups and SMEs to develop businesses using space technology and data.
- Offering funding, business and technical support to help to generate successful business and create jobs.



ESA SPACE SOLUTIONS OFFERS



Zero-equity funding (from
€50k to €2M+ per activity)



A personalised ESA
consultant



Technical support and
commercial guidance



Tailored project
management support



Access to our international
network of ESA and partners



Access to our network
of investors

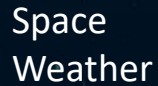
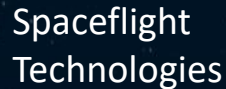
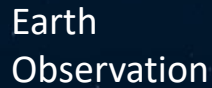


Credibility of the
ESA brand

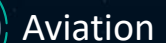
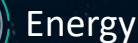
Project web pages:

business.esa.int/projects

... to serve Users & Market



5G (<https://artes.esa.int/esa-5g6g-hub>)





ABSeaD

Automatic Blue Carbon Satellite Detection

JUSTO^oNEARTH

Environmental data analysis

Insights into Posidonia Oceanica seagrass beds, empowering users with data on their health, coverage, and carbon sequestration potential

Seafood traceability

ABSeaD provides a seamless seafood traceability experience. Trace the journey of locally-sourced seafood through our cutting-edge software.

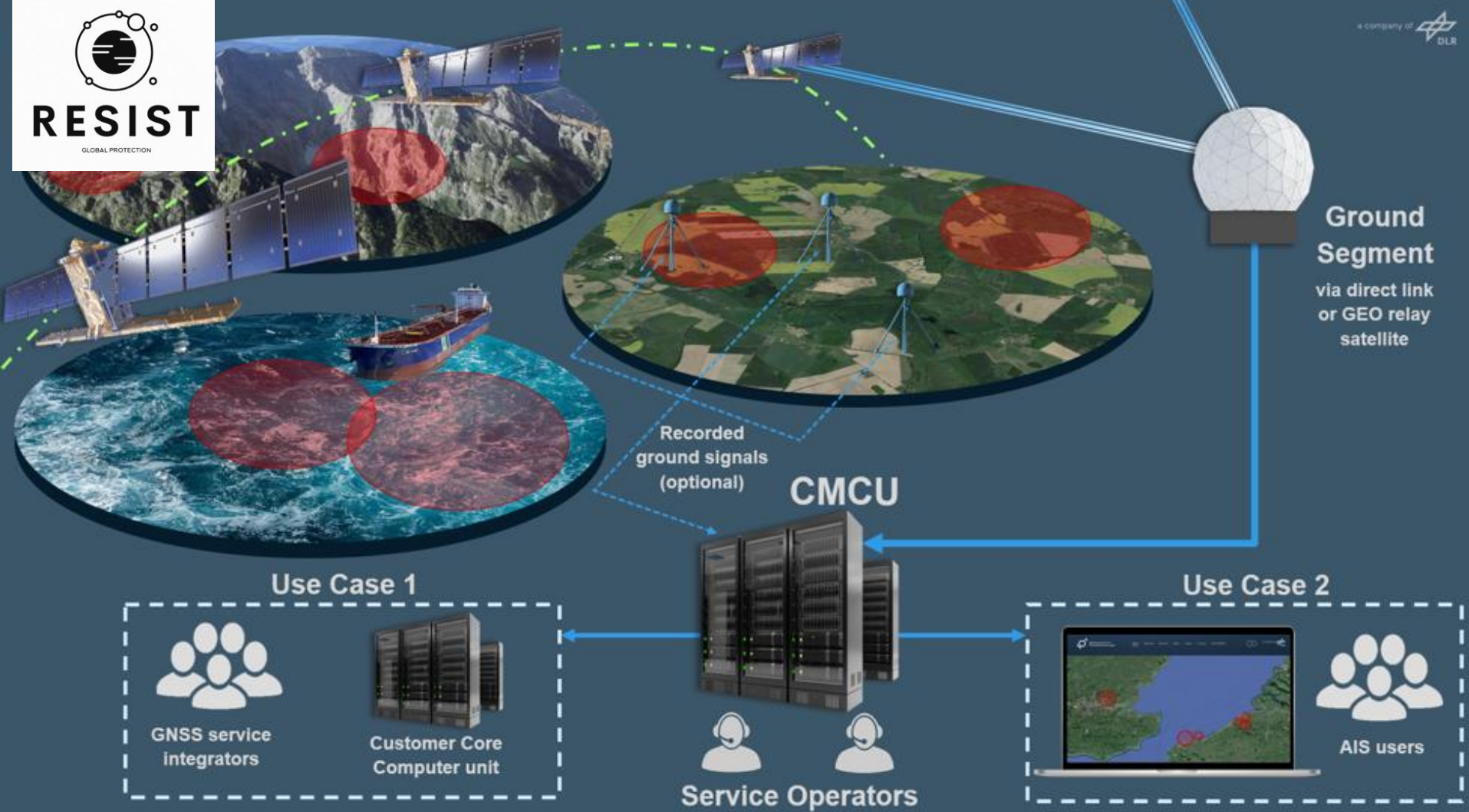




RESIST

GLOBAL PROTECTION

a company of
DLR





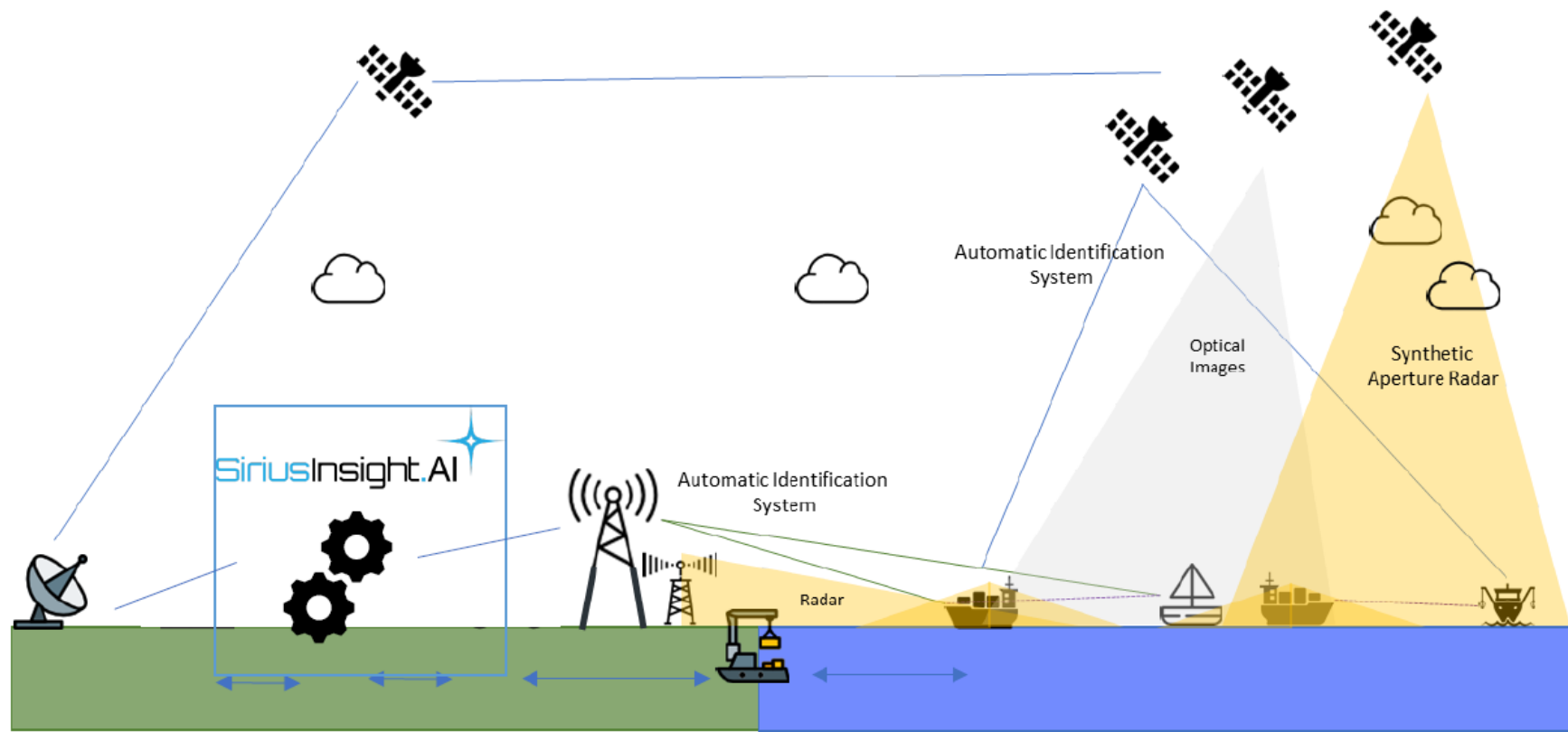
SiriusInsight is for those who want to understand what is happening in the maritime domain. An operator is able to identify, classify and understand contacts of interest in real-time, with applications in a wide range of commercial and non-commercial industries including shipping.

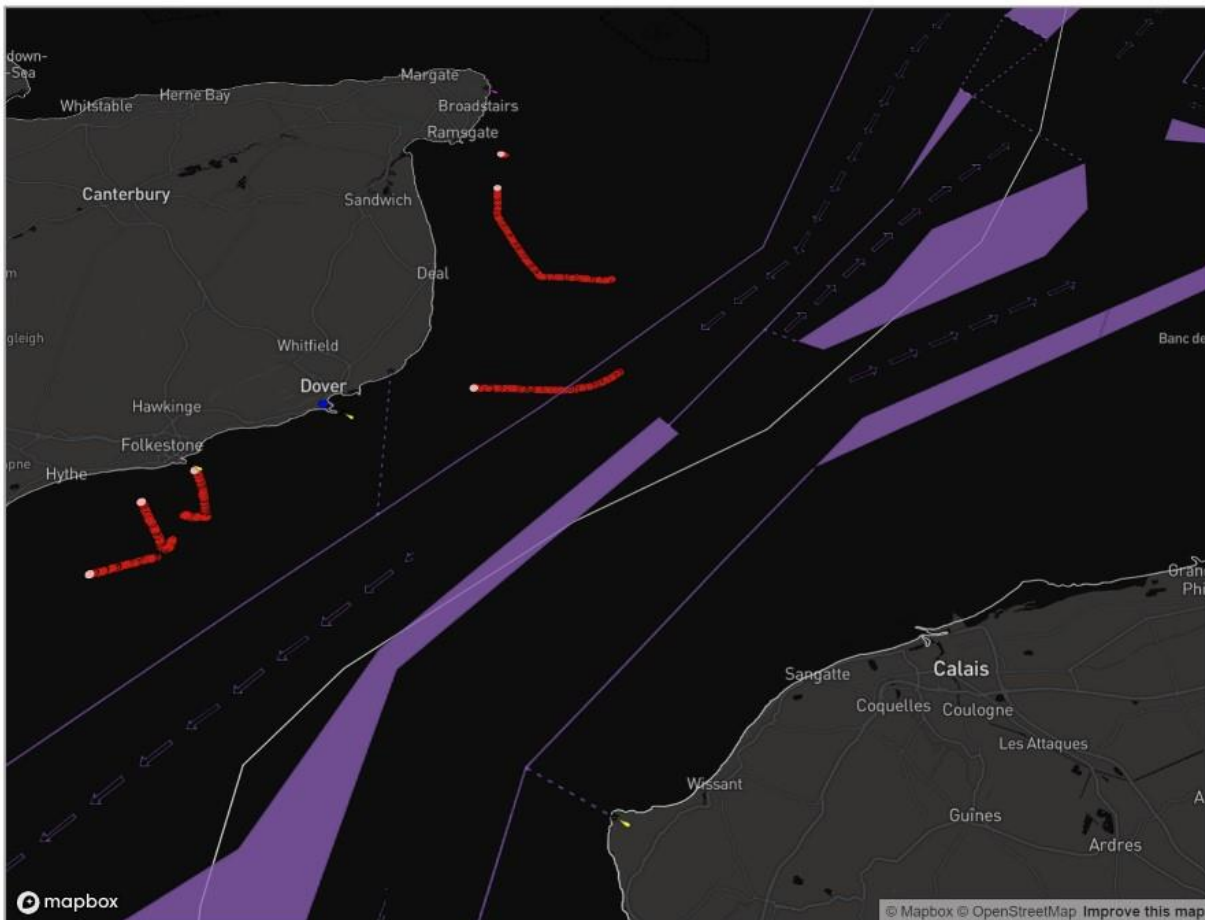


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European Space Agency





Show alerts for previous: 24 hours

ID	Time Seen	Speed	Course
5045540	10:42 Z	5.0 kts	316°
5044771	09:56 Z	7.0 kts	325°
5044304	09:40 Z	11.8 kts	357°
5043288	08:17 Z	10.1 kts	323°
5041541	05:44 Z	7.9 kts	250°
5040083	03:52 Z	6.8 kts	260°



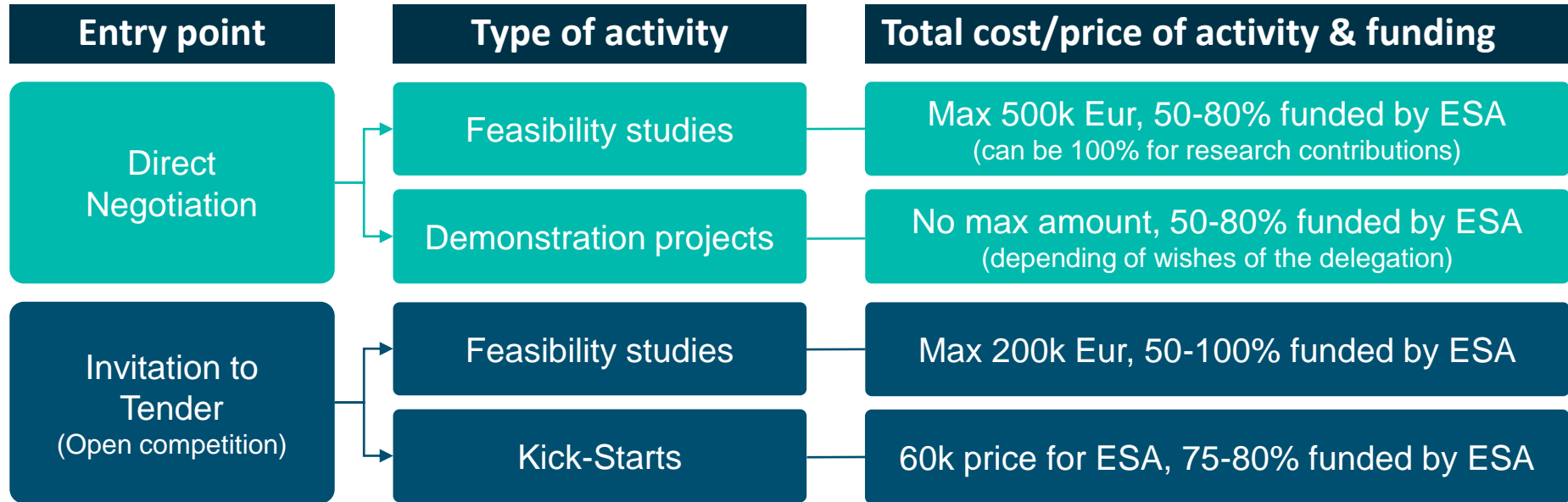
How to apply?

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Funding schemes BASS



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business.esa.int

- Scroll down to the part “Featured Opportunities” to see all activities currently open or in preparation



Blue Capital Kick Start

OPPORTUNITY Call for Proposals (Competitive)

ACTIVITY Kick-start Activity

OPENING DATE 06-05-2024

CLOSING DATE 14-06-2024

Topics of relevance

- Coastal and Marine Ecosystem Monitoring
- Sustainable Aquaculture and Fisheries
- Blue Finance

Value of space

Satellite Earth Observation (SatEO) imagery can be used to map changes in the marine ecosystems and protected areas, allowing the collection of information on geographical and environmental parameters relevant for investment and governing decisions, knowledge sharing and awareness raising.

Global Navigation Satellite Systems (GNSS) can be used to track fishing boats with the help of the AIS data and anti-spoofing technologies and have the potential to avoid activities like illegal fishing and encroachment on marine protected areas.

Satellite Communications (satcom) can ensure connectivity to remote locations not served by terrestrial connections, offshore aquaculture farms, marine protected areas etc and serve as a tool for continuous and cost-effective monitoring and data gathering.



Commercial Applications of Space-Enabled Robotics



SPACE SOLUTIONS

OPPORTUNITY	Call for Proposals (Non-Competitive)
ACTIVITY	Feasibility Study, Demonstration Project
OPENING DATE	07-03-2024

5. Maritime: Opening September 2024

Maritime: Autonomous surveys and mapping, maintenance of sea-based infrastructure and vessels, port operations automation and security, aquaculture farming, coastal monitoring

'Robotics' is here defined to include physical robots, autonomous drones, machines and vehicles, and precursory solutions or those that enable these (e.g. perception and navigation systems for autonomous vehicle services, connectivity solutions to enable tele-operated robotics



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European Space Agency

Maritime Decarbonisation Call



Digitalisation
and operations optimisation



Port decarbonisation



Decarbonisation through maritime
autonomy



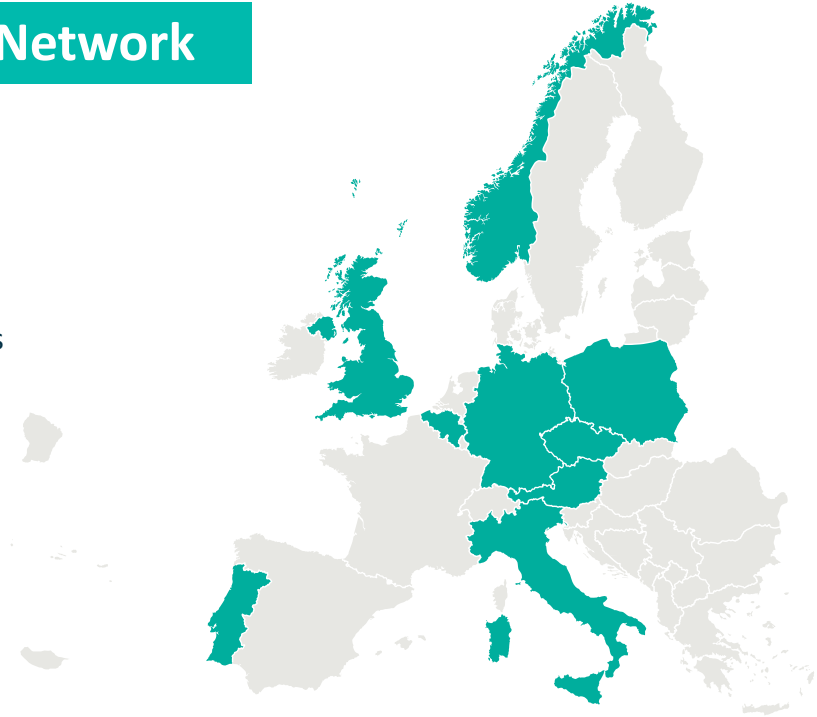
Green Fuels
(well to wake)





A tool at your disposal – the Ambassador Network

- Ambassadors are present in 9 countries
- They are your local interface for your ESA Space Solutions questions
- They can advise you on:
 - Preparation of the Activity Pitch Questionnaire
 - Give you an overview of ESA Space Solutions funding opportunities



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Come speak to us
on Stand R200

