

Visiting the *JOIDES Resolution* in Portugal - an offer taken up by many

The offer to visit the *JOIDES Resolution* (*JR*) in Ponta Delgada, Los Azores, and Lisbon was well received, with a total of 858 visitors to the ship (*below*). To accommodate such a high number of visitors in just 4 days (2 in each port) the usual 1.5 hour long tour for *JR* visits had to be changed. Leslie Peart from the Consortium for Ocean Leadership (USA) came up with a new four-stop tour - **Catwalk/ Core Lab/ Cabin/ Bridge** - allowing the visitors to see the most essential sections of the *JR* in about 45-50 minutes. The new tour plan was tested during the Ponta Delgada port call and used again in Lisbon.

	Ponta Delgada	Lisbon	Total
High-school students and teachers	190	114	304
University students, researchers and professors	37	206	243
Scientists from State Labs and other institutes		102	102
General public and Ciência Viva outreach centres	20	58	78
Media	6	25	31
Government and funding agencies reps	9	91	100

Statistics on visitors to JR during Mediterranean Outflow Exp. port calls

When Helder Pereira, the Portuguese Education Officer sailing on Exp. 339, mentioned the possibility to visit the *JR* to his fellow teachers in the Azores, the response was so overwhelming that not all requests could be accommodated. In the end 175 students and 15 teachers from high schools in Ponta Delgada, Lagoa and Ribeira Grande (all on São Miguel island) came to visit the ship. Besides the four-stop tour there was another "first" during this port call when the high-school teachers themselves gave the tours, with a scientist, Helder Pereira or Leslie Peart, "shadowing" and being available to help if needed. To help prepare the teachers, Helder Pereira translated the tour guide into Portuguese and in the evening of November 17 all the teachers visited the *JR* to learn the tour route, to ask questions and to be treated to dinner onboard the *JR* sponsored by the Consortium for Ocean Leadership. The school tours were a great success as shown by the many smiling faces seen in the respective group pictures taken by each class in front of the *JR* with their tour guides! The second day of visits was aimed towards students, researchers and professors from the Azores University, especially from the Center for Volcanology (*photo 1*), the general public, and officials from the local government.

During the Lisbon port call the focus was more on visitors from universities and research institutes in Portugal and Spain (*table*). The visitors from Spain (total of 83) came mostly from the Geological and Mining Institute (IGME) and the universities of Vigo, Salamanca and Granada and their tours were led by the Spanish scientists who sailed on Exp. 339 and by Carlota Escutia, the current ESSAC Chair (*photo 2*). On the Portuguese side, the possibility to visit the *JR* was announced on the webpage of the Faculty of Science at the University Lisbon (FCUL). University groups came from Lisbon, Aveiro and Faro involving geology,



Photo 1: Students from the University of the Azores visiting the Catwalk with Gary Acton (photo courtesy of Eduardo Pinto).

oceanography and biology students. High-school groups from the Lisbon area and the Algarve also visited the ship. Most school students came from the high school in Loulé where Helder Pereira is teaching. One high-school group from Albufeira, who had been involved in a ship-to-shore conference during Exp. 339, was so eager to see the ship in port that they did not mind boarding a bus at 6:30 am to start their trip to Lisbon! Scientific outreach activities in Portugal are largely managed by the Ciência Viva centres (*see ECORD Newsletter #16*). Personnel from the centres in Lousal and Estremoz came to visit and the centre in Lisbon incorporated the visit to *JR* in its current programme enabling 24 visitors from the general public to see the ship.



Photo 2: Carlota Escutia on tour with students from the University of Salamanca (photo John Beck & IODP).

Despite the high number of visitors everything went smoothly and the visits were well received by all. This would not have been possible without the help of Sarah Saunders and Leslie Peart from the Consortium for Ocean Leadership and the Deep Earth Academy who provided outreach material for both port calls, the scientists willing to lead or to shadow the tours, and the TAMU and SIEM personnel of Exp. 339 and Exp. 340T who had to work around the tours. IODP Portugal and IODP Spain greatly appreciate your support!

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