

By: J. Davis of Harris

H.R. No. 1432

R E S O L U T I O N

1 WHEREAS, NASA's Johnson Space Center in Houston is the
2 American headquarters for the International Space Station, one of
3 the most impressive scientific and engineering achievements in
4 history; and

5 WHEREAS, A joint project of NASA, the Russian Federal Space
6 Agency, the European Space Agency, the Canadian Space Agency, and
7 the Japan Aerospace Exploration Agency, the ISS is the result of a
8 remarkable collaboration between 15 countries, sharing the most
9 advanced technologies in the world for the peaceful and productive
10 use of space, and thousands of Texas workers have contributed
11 greatly to this success; and

12 WHEREAS, The largest structure that humans have ever put into
13 space, the ISS is made up of pressurized modules held together by
14 external trusses and powered by a vast array of solar panels; the
15 station is the length of a football field, and the solar array has
16 the wingspan of a Boeing 777; orbiting the globe every 92 minutes at
17 an altitude of roughly 250 miles, the ISS is large enough to be seen
18 from the surface of the Earth by the naked eye; and

19 WHEREAS, Since November 2000, the ISS has been continuously
20 occupied by international teams of astronauts who, during that
21 time, have conducted thousands of experiments in a microgravity
22 environment, focusing on human health, space studies, engineering
23 development, materials testing, and global education; these
24 experiments are helping develop NASA's capabilities for such

1 long-duration, deep-space missions as a trip to Mars and back, and
2 are assisting businesses, other government agencies, and
3 university researchers develop knowledge and products that have and
4 will result in benefits to humanity for years to come; and

5 WHEREAS, With its many ongoing research projects and its
6 educational outreach touching the lives of people around the world,
7 the International Space Station is one of the global community's
8 most successful programs, helping to improve life on Earth even as
9 it inspires our species to reach for the stars; now, therefore, be
10 it

11 RESOLVED, That the House of Representatives of the 83rd Texas
12 Legislature hereby commend NASA for its achievements as part of the
13 International Space Station program and extend to the many Texans
14 who have given to it so much of their skill, effort, and passion
15 sincere best wishes for continued success in their important work;
16 and, be it further

17 RESOLVED, That an official copy of this resolution be
18 prepared for NASA as an expression of high regard by the Texas House
19 of Representatives.