## GT: segnalazioni dal GAME <br> DBG: segnalazioni scritte da programma

Sphere 1, 0.0 s, GT: Playing game without Debris Hit Penalty.
Sphere 2, 0.0s, GT: Playing game without Debris Hit Penalty.
Sphere $1,0.0 \mathrm{~s}, \mathrm{GT}$ : Debris initialization sent.
Sphere 1, 0.0s, DBG: $\mathrm{i}=0$ radius $=0.030$ posDebris $=-0.371+0.544+0.000$
Sphere 1, 0.0 s, DBG: $\mathrm{i}=1$ radius $=0.030$ posDebris $=-0.264+0.470+0.000$
Sphere $1,0.0 \mathrm{~s}$, DBG: $\mathrm{i}=2$ radius $=0.030$ posDebris $=+0.057+0.510+0.000$
Sphere 1, 0.0s, DBG: $i=3$ radius $=0.030$ posDebris $=+0.455+0.518+0.000$
Sphere 1, 0.0 s, DBG: $\mathrm{i}=4$ radius $=0.045$ posDebris $=-0.523+0.329+0.000$
Sphere 1, 0.0 s, DBG: $i=5$ radius $=0.045$ posDebris $=-0.108+0.275+0.000$
Sphere 1, 0.0s, DBG: $\mathrm{i}=6$ radius $=0.045$ posDebris $=+0.166+0.301+0.000$
Sphere $1,0.0$ s, DBG: $i=7$ radius $=0.045$ posDebris $=+0.553+0.312+0.000$
Sphere 1, 0.0 s, DBG: $i=8$ radius $=0.090$ posDebris $=-0.294+0.102+0.000$
Sphere 1, 0.0s, DBG: $\mathrm{i}=9$ radius $=0.090$ posDebris $=-0.007+0.092+0.000$
Sphere 1, 0.0s, DBG: i= 10 radius $=0.090$ posDebris $=+0.384+0.092+0.000$
Sphere 1, 0.0s, DBG: dist= 0.902 pos= +0.000 +0.750 -0.001 v-k-R=N N N fuel-sco-heal= $1.000+0.000100$ Sphere 1, 1.0s, DBG: dist= 0.895 pos $=-0.001+0.743-0.001$ v-k-R=N N N fuel-sco-heal= $0.993+0.000100$ Sphere 1, 2.0s, DBG: dist $=0.879$ pos $=+0.001+0.727+0.001 v-k-R=N ~ N ~ N$ fuel-sco-heal $=0.987+0.000100$ Sphere 1, 3.0s, DBG: dist= 0.856 pos $=-0.001+0.704+0.002 v-k-R=N ~ N ~ N ~ f u e l-s c o-h e a l=~ 0.980+0.000100$ Sphere 1, 4.0s, DBG: dist= 0.822 pos $=+0.002+0.671-0.001$ v-k-R=N N N fuel-sco-heal= $0.973+0.000100$

## Sphere 1, 5.0s, GT: DEBRIS HIT PENALTY! 0 thruster damage sustained!

Sphere 1, 5.0s, DBG: dist= 0.781 pos $=+0.000+0.630-0.000 v-k-R=N ~ N ~ N ~ f u e l-s c o-h e a l=~ 0.967+0.000100$ Sphere 1, 6.0s, DBG: dist= 0.731 pos $=+0.000+0.579-0.000 v-k-R=N ~ N ~ N ~ f u e l-s c o-h e a l=~ 0.960+0.000100$ Sphere 1, 7.0s, DBG: dist= 0.674 pos $=+0.000+0.522+0.001 v-k-R=N ~ N ~ N$ fuel-sco-heal $=0.954+0.000100$ Sphere 1, 8.0s, DBG: dist= 0.613 pos $=-0.001+0.462-0.000 \quad v-k-R=N N N$ fuel-sco-heal $=0.952+0.000100$ Sphere 1, 9.0s, DBG: dist= 0.553 pos= +0.000 +0.401 -0.000 v-k-R=N N N fuel-sco-heal= $0.952+0.000100$

## Sphere 1, 10.0s, GT: DEBRIS HIT PENALTY! 0 thruster damage sustained!

Sphere 1, 10.0s, DBG: dist= 0.492 pos $=+0.000+0.341-0.001$ v-k-R=N N N fuel-sco-heal= $0.950+0.000100$

## Sphere 1, 11.0s, GT: DEBRIS HIT PENALTY! 0 thruster damage sustained!

Sphere 1, 11.0s, DBG: dist= 0.438 pos $=+0.003+0.286-0.001$ v-k-R=N N N fuel-sco-heal= $0.947+0.000100$ Sphere 1, 12.0s, DBG: dist= 0.387 pos $=+0.003+0.236-0.002 v-k-R=N ~ N ~ N$ fuel-sco-heal $=0.944+0.000100$ Sphere 1, 13.0s, DBG: dist= 0.343 pos $=+0.003+0.191-0.001$ v-k-R=N N N fuel-sco-heal= $0.940+0.000100$ Sphere 1, 14.0s, DBG: dist= 0.300 pos $=+0.002+0.148-0.001$ v-k-R=N N N fuel-sco-heal= $0.937+0.000100$ Sphere 1, 15.0s, DBG: dist= 0.262 pos $=+0.002+0.111-0.001 v-k-R=N N N$ fuel-sco-heal $=0.934+0.000100$ Sphere 1, 16.0s, DBG: dist= 0.227 pos $=+0.000+0.075+0.001$ v-k-R=N N N fuel-sco-heal= $0.931+0.000100$ Sphere 1, 17.0s, DBG: dist= 0.196 pos $=-0.001+0.045+0.002$ v-k-R=N N N fuel-sco-heal= $0.927+0.000100$ Sphere 1, 18.0s, DBG: dist= 0.170 pos $=-0.002+0.018+0.002$ v-k-R=N N N fuel-sco-heal= $0.925+\mathbf{0 . 0 0 0} 100$

## Sphere 1, 19.0s, GT: PHASE 1 complete in 19 seconds! Debris area passed (but debris IS still present). $\mathbf{3 . 4 1 7}$ points gained!

Sphere 1, 19.0s, DBG: dist= 0.146 pos $=-0.000-0.005+0.000$ v-k-R=N N N fuel-sco-heal= $0.922+3.417100$ Sphere 1, 20.0s, DBG: dist= 0.124 pos $=+0.001-0.027+0.000 v-k-R=N N N$ fuel-sco-heal $=0.920+3.417100$ Sphere 1, 21.0s, DBG: dist= 0.108 pos $=-0.000-0.044+0.001 v-k-R=N ~ N ~ N ~ f u e l-s c o-h e a l=0.918+3.417100$ Sphere 1, 22.0s, DBG: dist= 0.090 pos $=+0.001-0.062+0.000$ v-k-R=N N N fuel-sco-heal= $0.916+3.417100$ Sphere 1, 23.0s, DBG: dist= 0.077 pos $=+0.001-0.075+0.000$ v-k-R=N N N fuel-sco-heal= $0.914+3.417100$ Sphere 1, 24.0s, DBG: dist= 0.064 pos $=-0.001-0.087+0.000$ v-k-R=N N N fuel-sco-heal= $0.913+3.417100$ Sphere 1, 25.0s, DBG: dist= 0.055 pos $=-0.001-0.097-0.000 v-k-R=N ~ N ~ N$ fuel-sco-heal $=0.912+3.417100$ Sphere 1, 26.0s, DBG: dist= 0.047 pos=-0.001-0.105 -0.002 v-k-R=N N N fuel-sco-heal= $0.910+3.417100$ Sphere 1, 27.0s, DBG: dist= 0.039 pos= -0.001-0.113 -0.001 v-k-R=N N N fuel-sco-heal= $0.910+3.417100$ Sphere 1, 28.0s, DBG: dist= 0.033 pos= +0.001-0.119-0.001 v-k-R=N N N fuel-sco-heal= $0.909+3.417100$ Sphere 1, 29.0s, DBG: dist= 0.026 pos $=+0.000-0.125-0.000 ~ v-k-R=N ~ N ~ N ~ f u e l-s c o-h e a l=~ 0.908 ~+3.417100 ~$ Sphere 1, 30.0s, DBG: dist= 0.021 pos $=-0.000-0.130+0.001 v-k-R=N ~ N ~ N ~ f u e l-s c o-h e a l=0.907+3.417100$ Sphere 1, 31.0s, DBG: dist= 0.016 pos $=+0.001-0.135+0.001$ v-k-R=N N N fuel-sco-heal= $0.907+3.417100$ Sphere 1, 32.0s, DBG: dist= 0.014 pos $=+0.001-0.138+0.002$ v-k-R=N N N fuel-sco-heal= $0.906+3.417100$ Sphere 1, 33.0s, DBG: dist= 0.012 pos= +0.000 -0.140 +0.002 v-k-R=N N N fuel-sco-heal= 0.906 +3.417 100

Sphere 1, 34.0s, GT: Rendezvous NOT ready; separation too large (0.449).
Sphere 1, 34.0s, DBG: dist= $\mathbf{0 . 0 1 0}$ pos= +0.001 -0.142 +0.000 v-k-R=S N N fuel-sco-heal= $0.906+3.417100$

Sphere 1, 35.0s, GT: Rendezvous NOT ready; separation too large (0.444).

Sphere 1, 36.0 s, GT: Rendezvous NOT ready; separation too large (0.441).
Sphere 1, 36.0s, DBG: dist= 0.006 pos= -0.000 -0.146 +0.002 v-k-R=S N N fuel-sco-heal= $0.905+3.417100$ Sphere 1, $37.0 \mathrm{~s}, \mathrm{GT}$ : Rendezvous NOT ready; separation too large (0.434).
Sphere 1, 37.0s, DBG: dist= 0.004 pos $=-0.000-0.148+0.002$ v-k-R=S N N fuel-sco-heal $=0.905+3.417100$ Sphere 1, $38.0 \mathrm{~s}, \mathrm{GT}$ : Rendezvous NOT ready; separation too large (0.430).
Sphere 1, 38.0s, DBG: dist= 0.003 pos= $-0.001-0.150+0.003$ v-k-R=S N N fuel-sco-heal= $0.905+3.417100$ Sphere 1, 39.0s, GT: Rendezvous NOT ready; separation too large (0.426).

Sphere 1, 39.0s, DBG: dist= 0.003 pos= -0.002 -0.152 +0.002 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$ Sphere $1,40.0 \mathrm{~s}, \mathrm{GT}$ : Rendezvous NOT ready; separation too large (0.420).
Sphere 1, 40.0s, DBG: dist= 0.002 pos= +0.001 $-0.151+0.002$ v-k-R=S N N fuel-sco-heal= $0.904+3.417100$ Sphere 1, 41.0s, GT: Rendezvous NOT ready; separation too large (0.414).
Sphere 1, 41.0s, DBG: dist= 0.002 pos= +0.002 -0.153 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$ Sphere 1, 42.0s, GT: Rendezvous NOT ready; separation too large (0.409).
Sphere 1, 42.0s, DBG: dist= 0.001 pos $=+0.001-0.152+0.001$ v-k-R=S N N fuel-sco-heal $=0.904+3.417100$ Sphere 1, 43.0s, GT: Rendezvous NOT ready; separation too large (0.401).
Sphere 1, 43.0s, DBG: dist= 0.003 pos= $-0.000-0.155+0.001$ v-k-R=S N N fuel-sco-heal $=0.904+3.417100$ Sphere 1, 44.0s, GT: Rendezvous NOT ready; separation too large (0.396).

Sphere 1, 44.0s, DBG: dist= 0.004 pos= -0.001 -0.155 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$ Sphere 1, 45.0s, GT: Rendezvous NOT ready; separation too large (0.389).
Sphere 1, 45.0s, DBG: dist= 0.005 pos $=-0.002-0.155+0.002$ v-k-R=S N N fuel-sco-heal $=0.904+3.417100$

Sphere 1, 46.0s, GT: Rendezvous NOT ready; separation too large (0.381).
Sphere 1, 46.0s, DBG: dist= $\mathbf{0 . 0 0 3}$ pos=-0.001 -0.154 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$

## Sphere 1, 47.0s, GT: Rendezvous NOT ready; not pointing at target (0.9169347)!

Sphere 1, 47.0s, DBG: dist= $\mathbf{0 . 0 0 3}$ pos=-0.001 -0.154 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$

Sphere 1, 48.0s, GT: Rendezvous NOT ready; not pointing at target (0.9346594)!
Sphere 1, 48.0s, DBG: dist= 0.002 pos= $-0.001-0.154+0.000$ v-k-R=S N N fuel-sco-heal $=0.904+3.417100$
Sphere 1, 49.0s, GT: Rendezvous NOT ready; not pointing at target (0.9476882)!
Sphere 1, 49.0s, DBG: dist= 0.003 pos= $-0.000-0.154+0.000$ v-k-R=S N N fuel-sco-heal $=0.904+3.417100$

Sphere 1, 50.0s, GT: Rendezvous NOT ready; not pointing at target (0.9606681)!
Sphere 1, 50.0s, DBG: dist= 0.005 pos= $-0.001-0.156+0.000$ v-k-R=S N N fuel-sco-heal $=0.904+3.417100$ Sphere 1, 51.0s, GT: Rendezvous NOT ready; not pointing at target (0.9754491)!

Sphere 1, 51.0s, DBG: dist= 0.004 pos= -0.001-0.156 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$ Sphere 1, 52.0s, GT: Rendezvous NOT ready; not pointing at target (0.9839686)!
Sphere 1, 52.0s, DBG: dist= 0.003 pos= -0.000 -0.155 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$ Sphere 1, 53.0s, GT: Rendezvous NOT ready; not pointing at target (0.9919538)!

Sphere 1, 53.0s, DBG: dist= 0.005 pos= -0.000 -0.156 +0.001 v-k-R=S N N fuel-sco-heal= $0.904+3.417100$
Sphere 1, 54.0s, GT: Rendezvous NOT ready; not pointing at target (0.9979975)!
Sphere 1, 54.0s, DBG: dist= 0.005 pos $=+0.000-0.156+0.000$ v-k-R=S N N fuel-sco-heal= $0.904+3.417100$
Sphere 1, 55.0s, GT: Rendezvous complete! Bonus points awarded: 2.451
Sphere 1, 55.0s, DBG: dist= 0.004 pos $=+0.000-0.156+0.000$ v-k-R=S S N fuel-sco-heal $=0.904+5.868100$

Sphere 2, 56.0s, GT: Received Rendezvous Complete message. Stopping motion.

Sphere 1, $\mathbf{5 6 . 0 s}$, GT: PHASE 2 complete in 37 seconds! Rendezvous function called, target will stop. 3.458 points gained! Sphere 1, 56.0s, DBG: dist= 0.004 pos $=-0.001-0.156+0.001$ v-k-R=S S S fuel-sco-heal= $0.904+9.326100$

Sphere 1, $\mathbf{5 7 . 0 s}$, GT: Rendezvous NOT ready; not pointing at target ( 0.9954552 )!
Sphere 1, 57.0s, DBG: dist= 0.005 pos $=+0.002-0.156+0.001$ v-k-R=S S S fuel-sco-heal $=0.904+9.326100$
Sphere 1, 58.0s, GT: Rendezvous NOT ready; not pointing at target (0.9942854)!
Sphere 1, 58.0s, DBG: dist= 0.003 pos= +0.001 -0.155 -0.000 v-k-R=S S S fuel-sco-heal= $0.904+9.326100$
Sphere 1, 59.0s, GT: Rendezvous NOT ready; not pointing at target (0.9905591)!
Sphere 1, 59.0s, DBG: dist= 0.005 pos $=+0.000-0.156+0.002$ v-k-R=S S S fuel-sco-heal $=0.904+9.326100$

