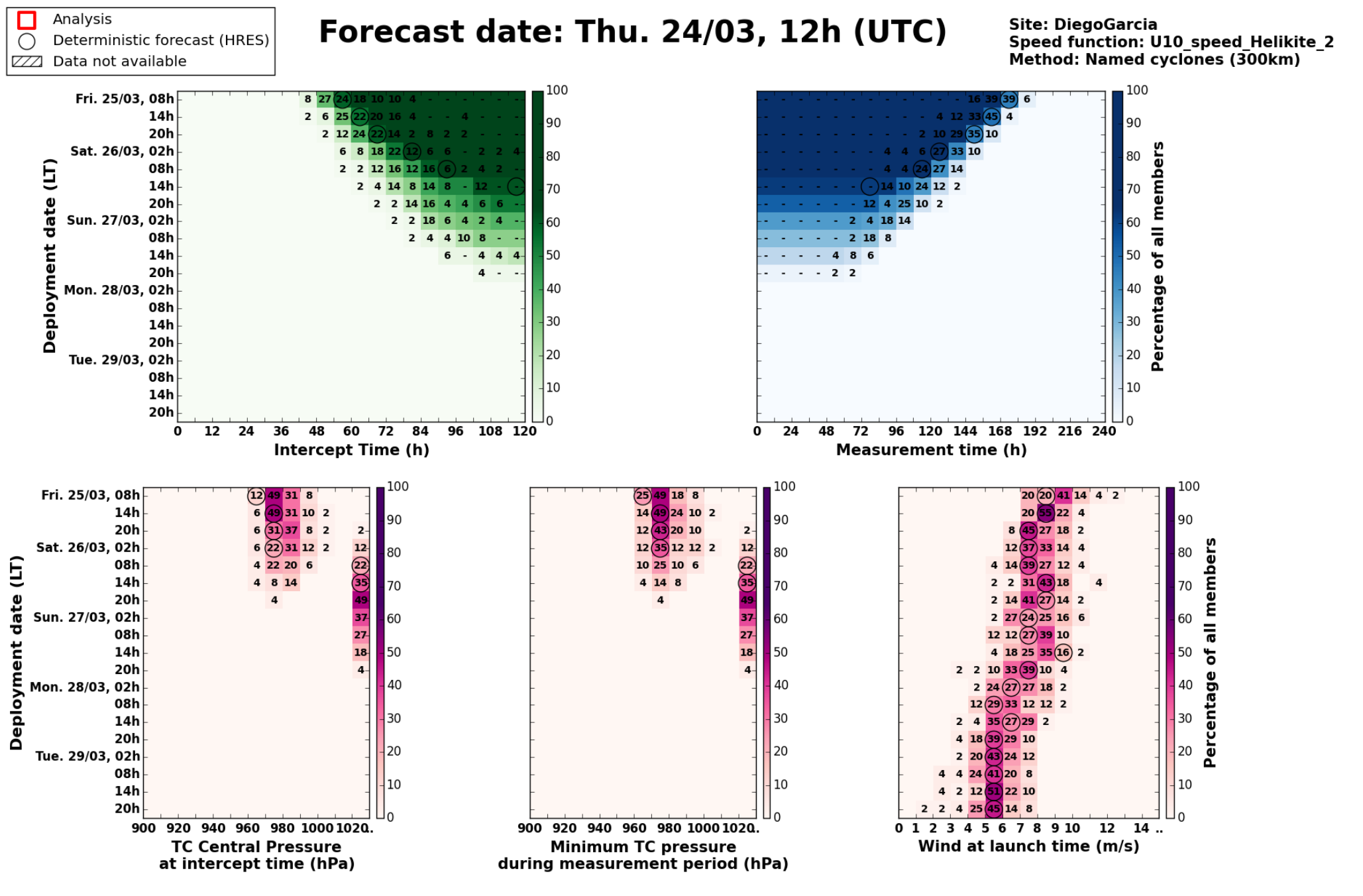
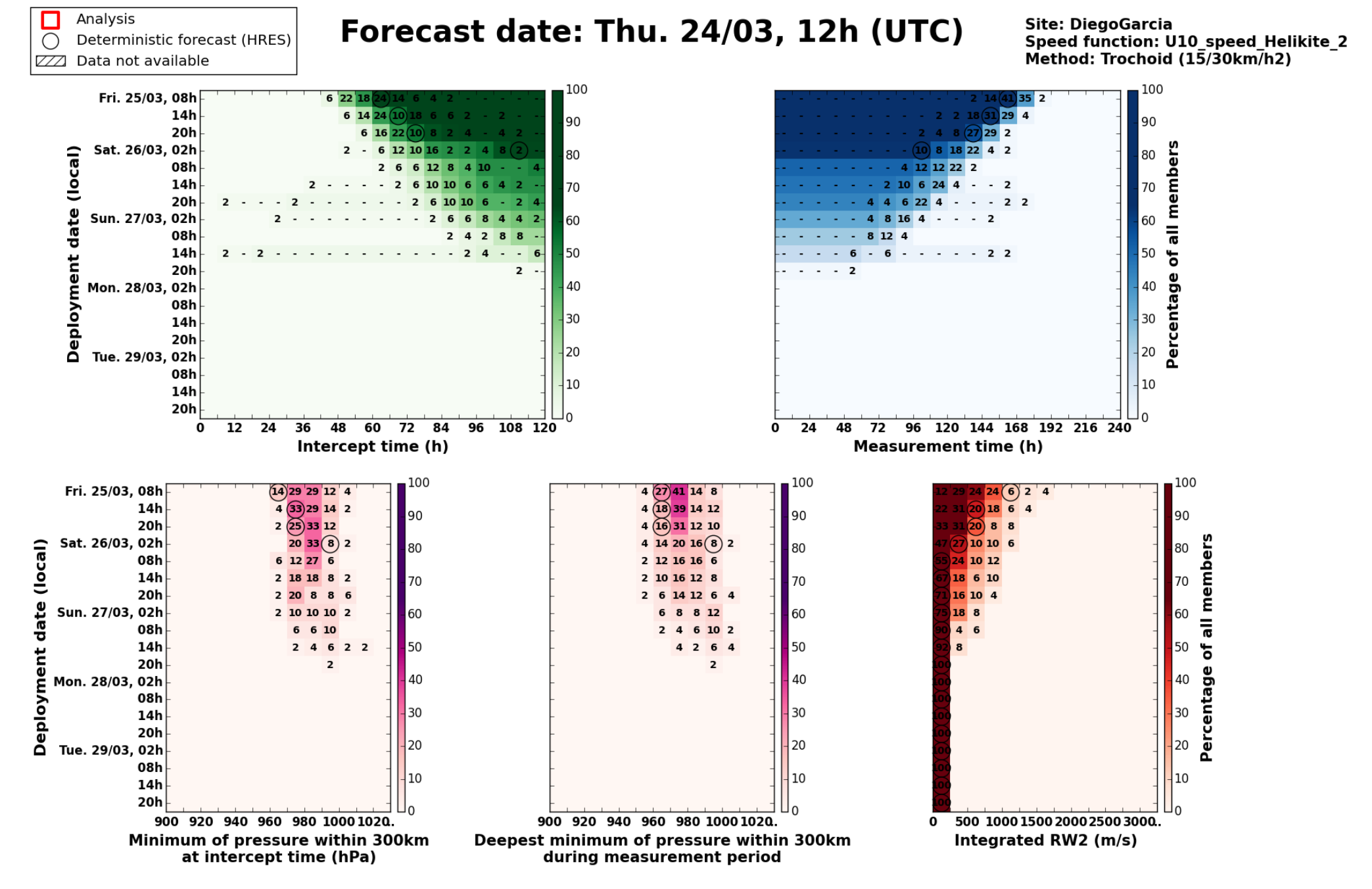
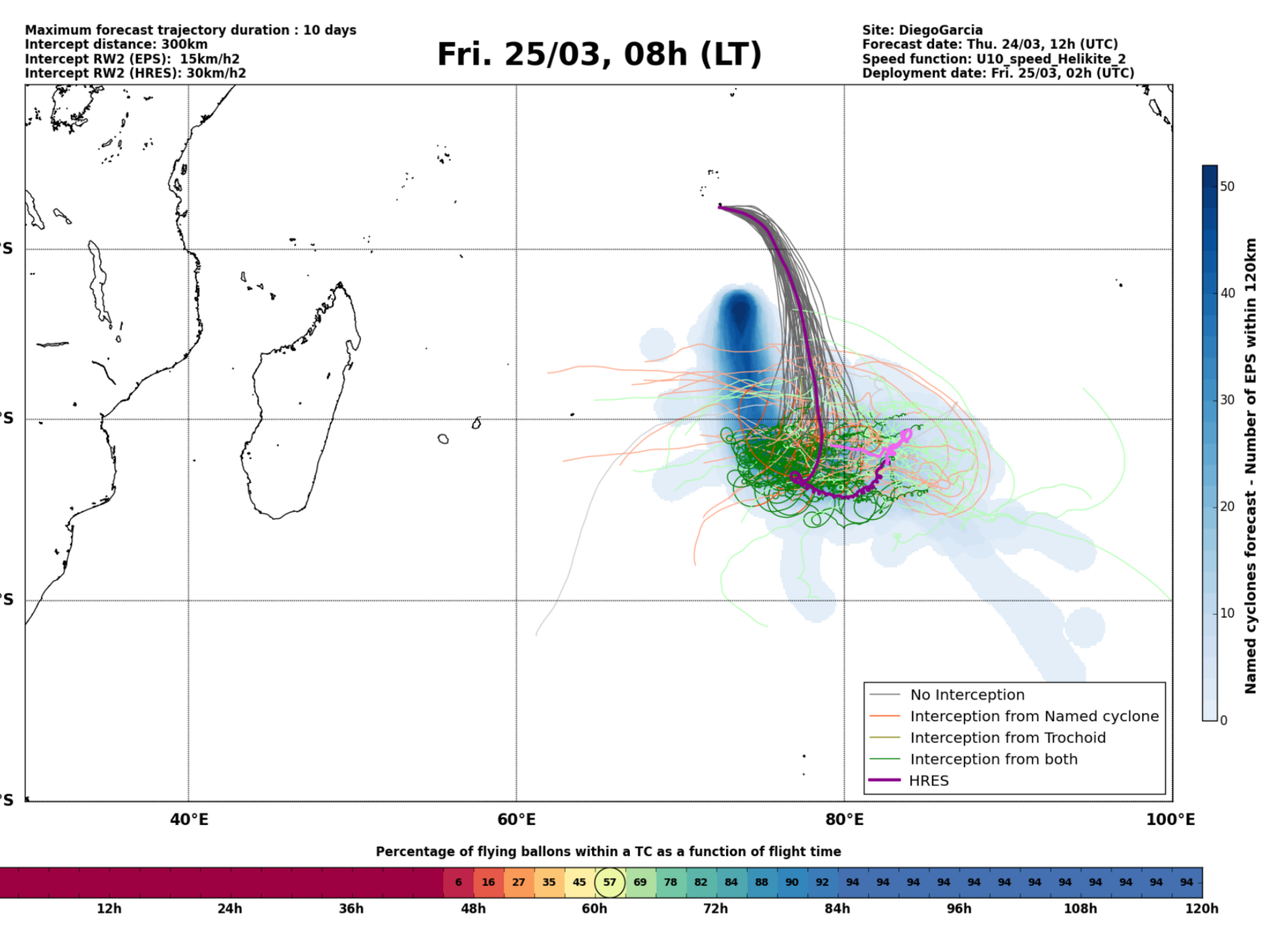
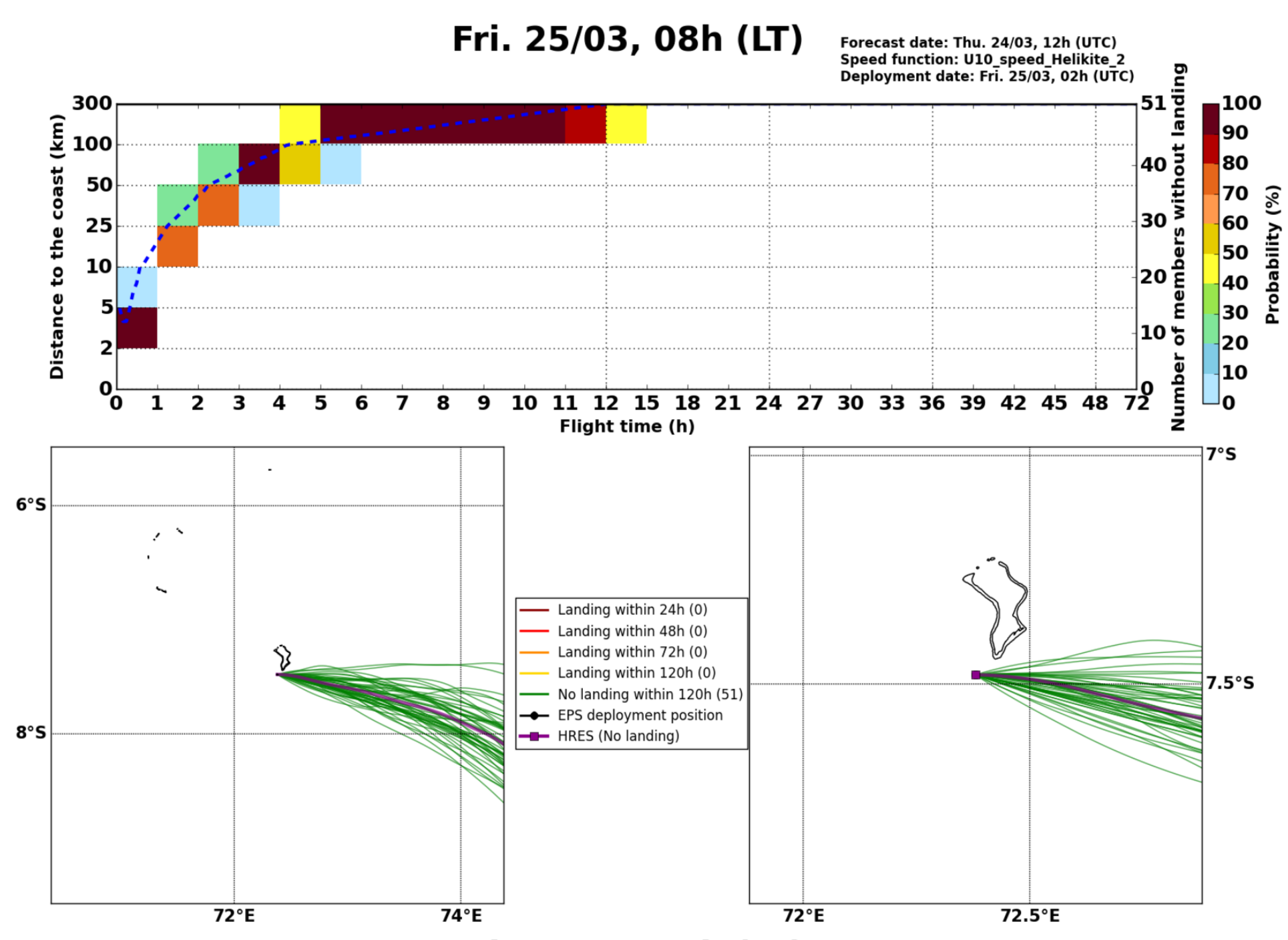
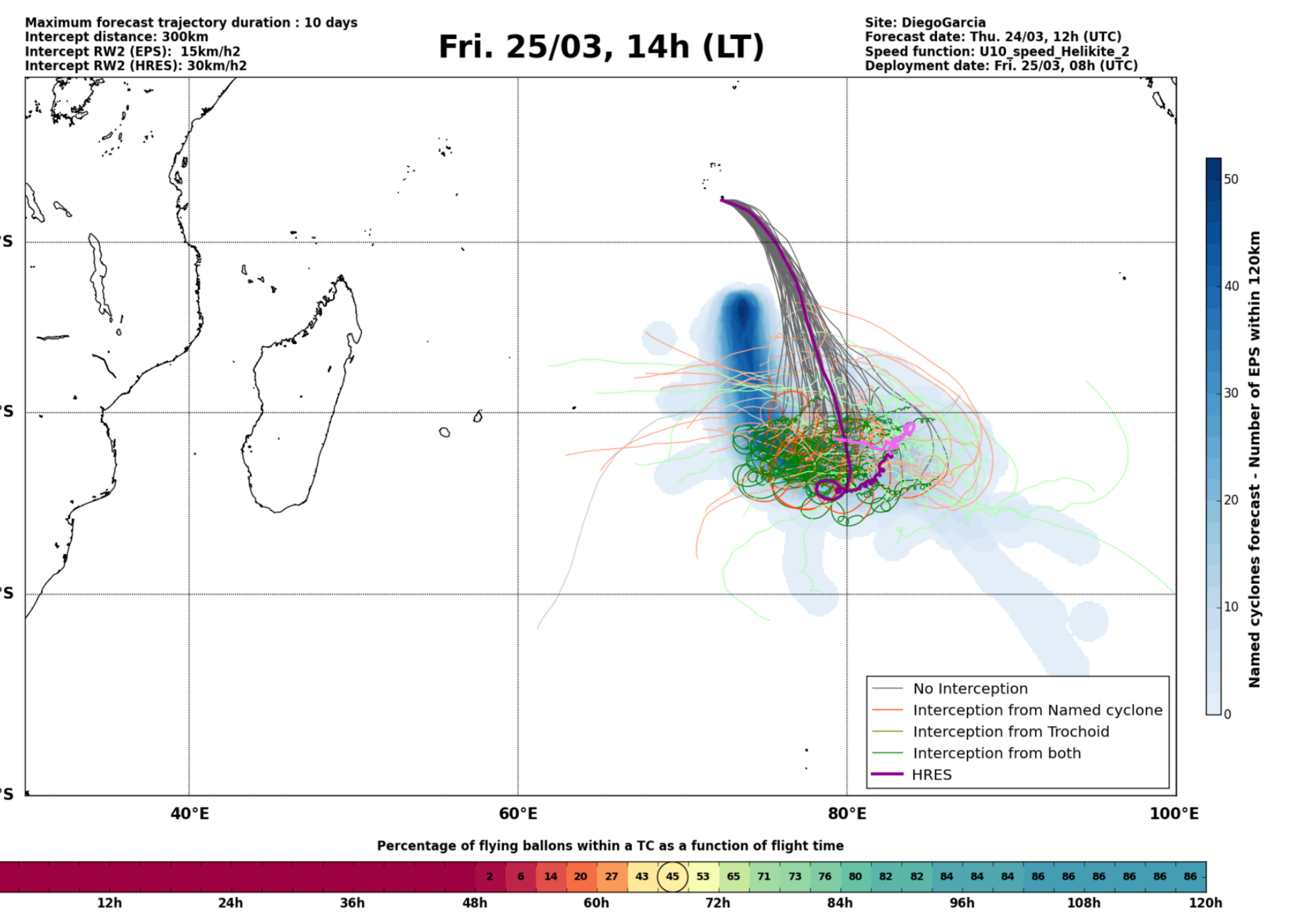
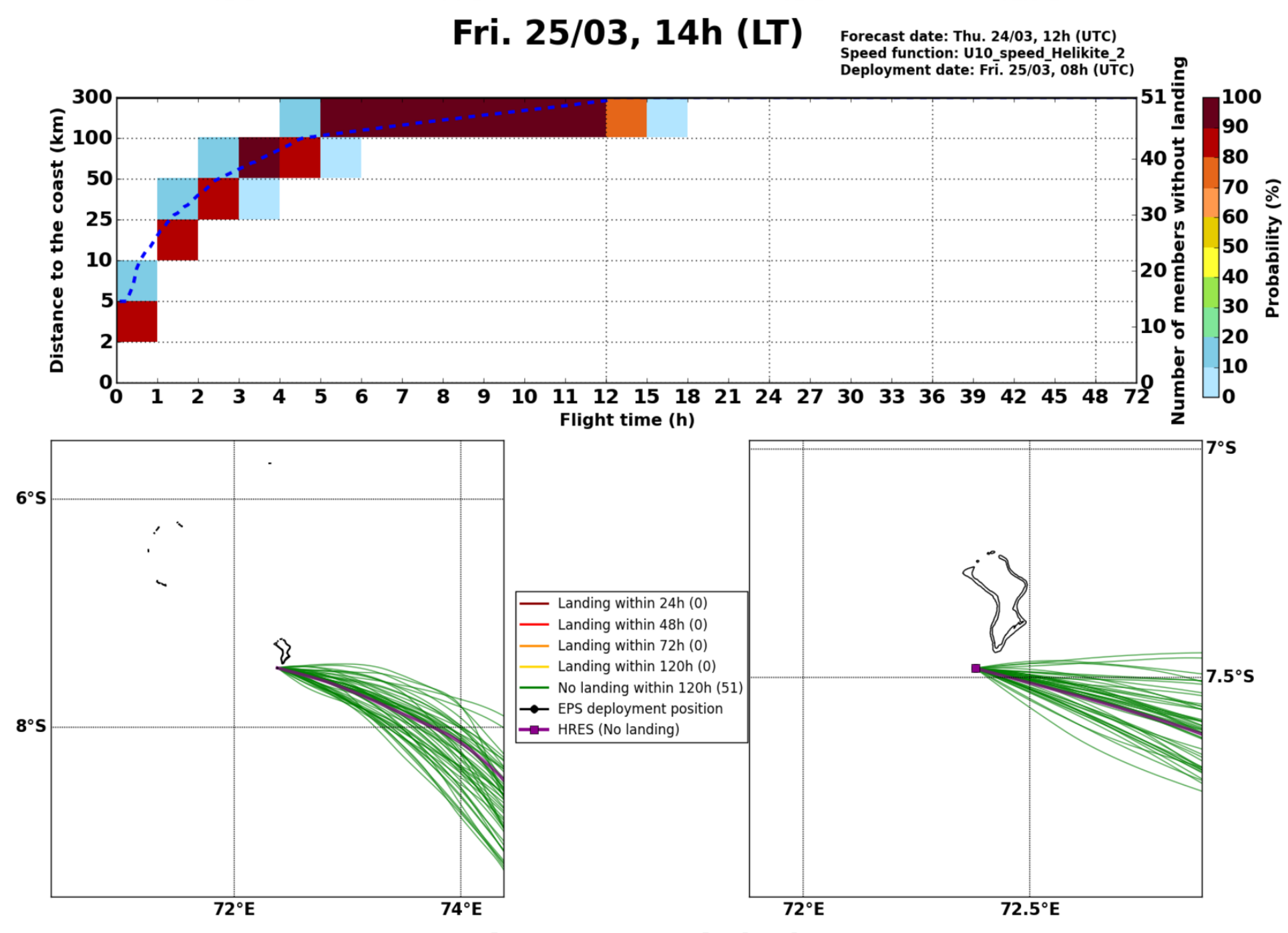

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Thu. 24/03, 12h (UTC)
Site: DiegoGarcia
Speed function: U10_speed_Helikite_2
Method: Named cyclones (300km)
Deployment date (LT)
Fri. 25/03, 08h
Sat. 26/03, 02h
Sun. 27/03, 02h
Mon. 28/03, 02h
Tue. 29/03, 02h
Intercept Time (h)
Measurement time (h)
Percentage of all members
TC Central Pressure at intercept time (hPa)
Minimum TC pressure during measurement period (hPa)
Wind at launch time (m/s)

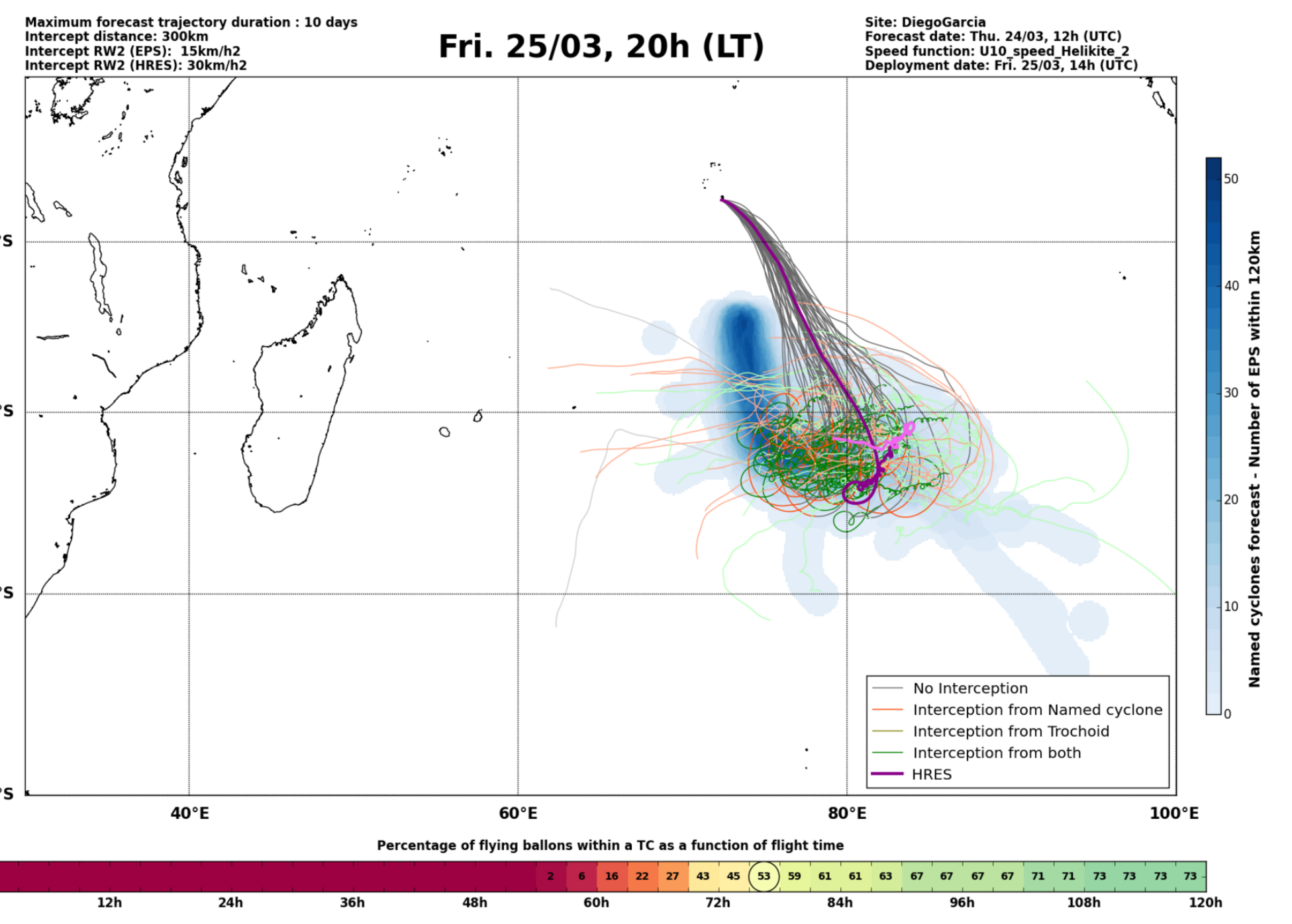

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Thu. 24/03, 12h (UTC)
Site: DiegoGarcia
Speed function: U10_speed_Helikite_2
Method: Trochoid (15/30km/h2)
Deployment date (local)
Intercept time (h)
Measurement time (h)
Percentage of all members
Minimum of pressure within 300km at intercept time (hPa)
Deepest minimum of pressure within 300km during measurement period
Integrated RW2 (m/s)

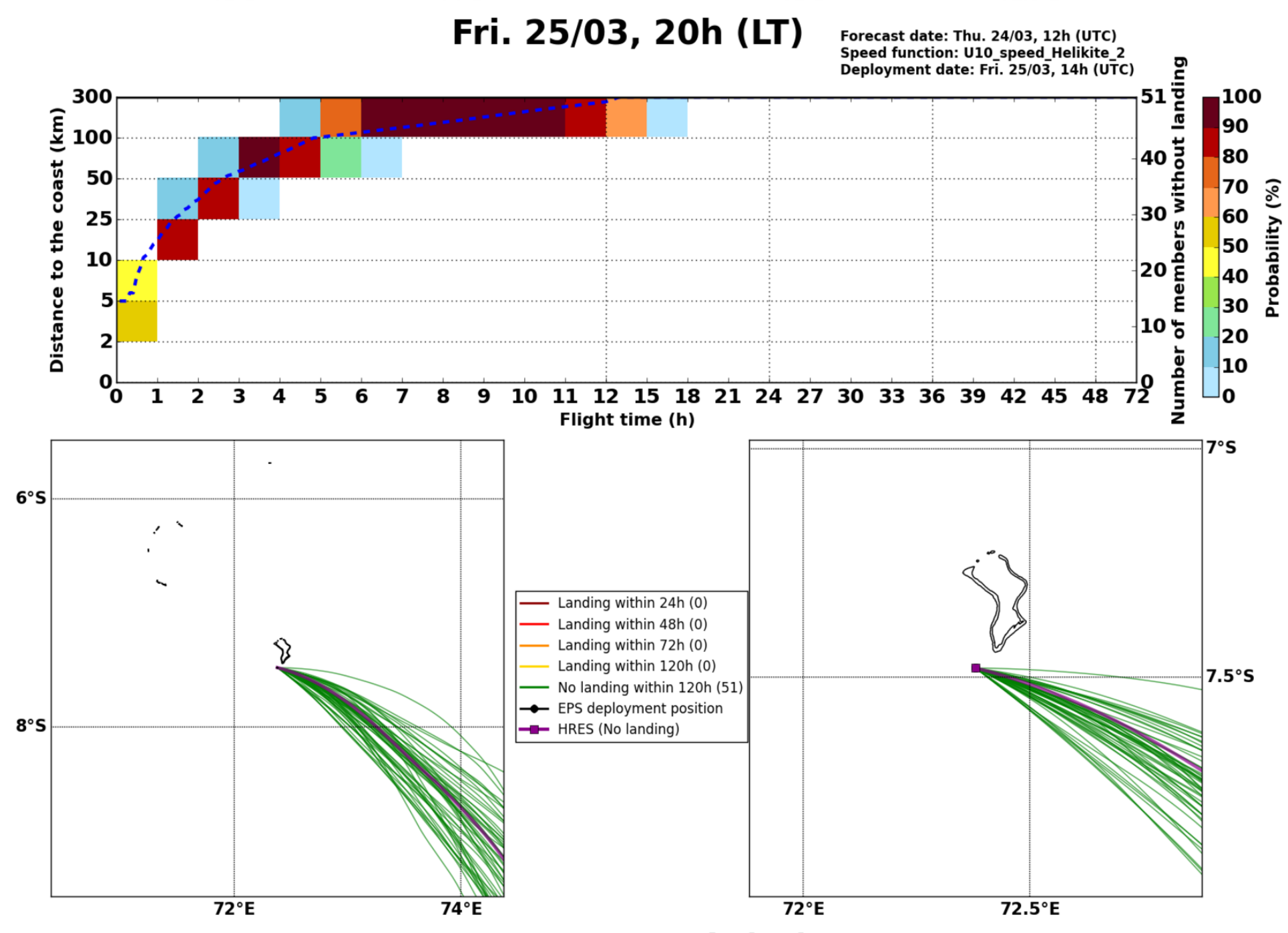

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Fri. 25/03, 08h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 02h (UTC)
10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
Named cyclones forecast - Number of EPS within 120km
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
6 16 27 35 45 57 69 78 82 84 88 90 92 94 94 94 94 94 94 94 94 94 94 94 94
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

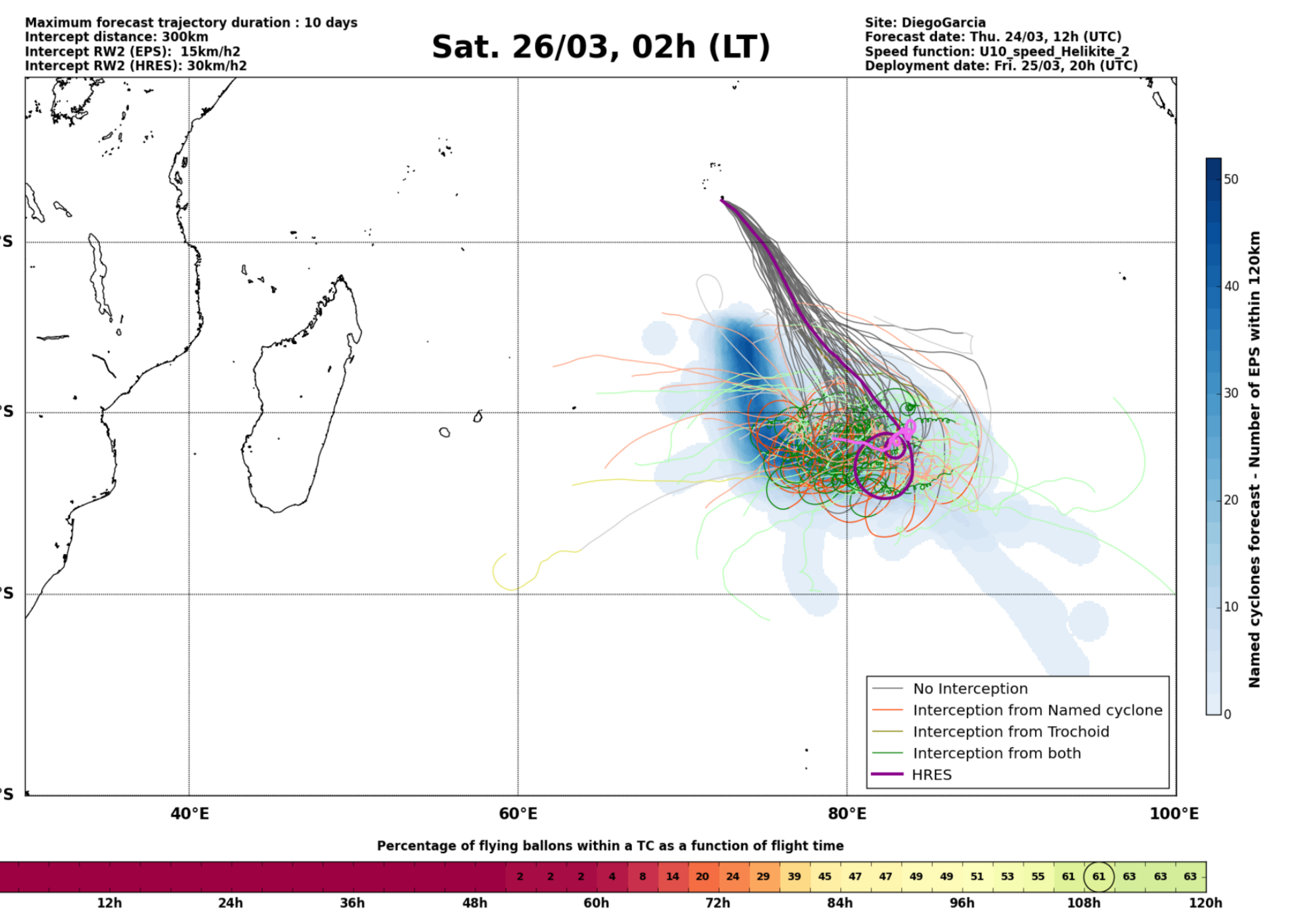

Fri. 25/03, 08h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)
6°S
8°S
72°E
74°E
7°S
7.5°S
72.5°E

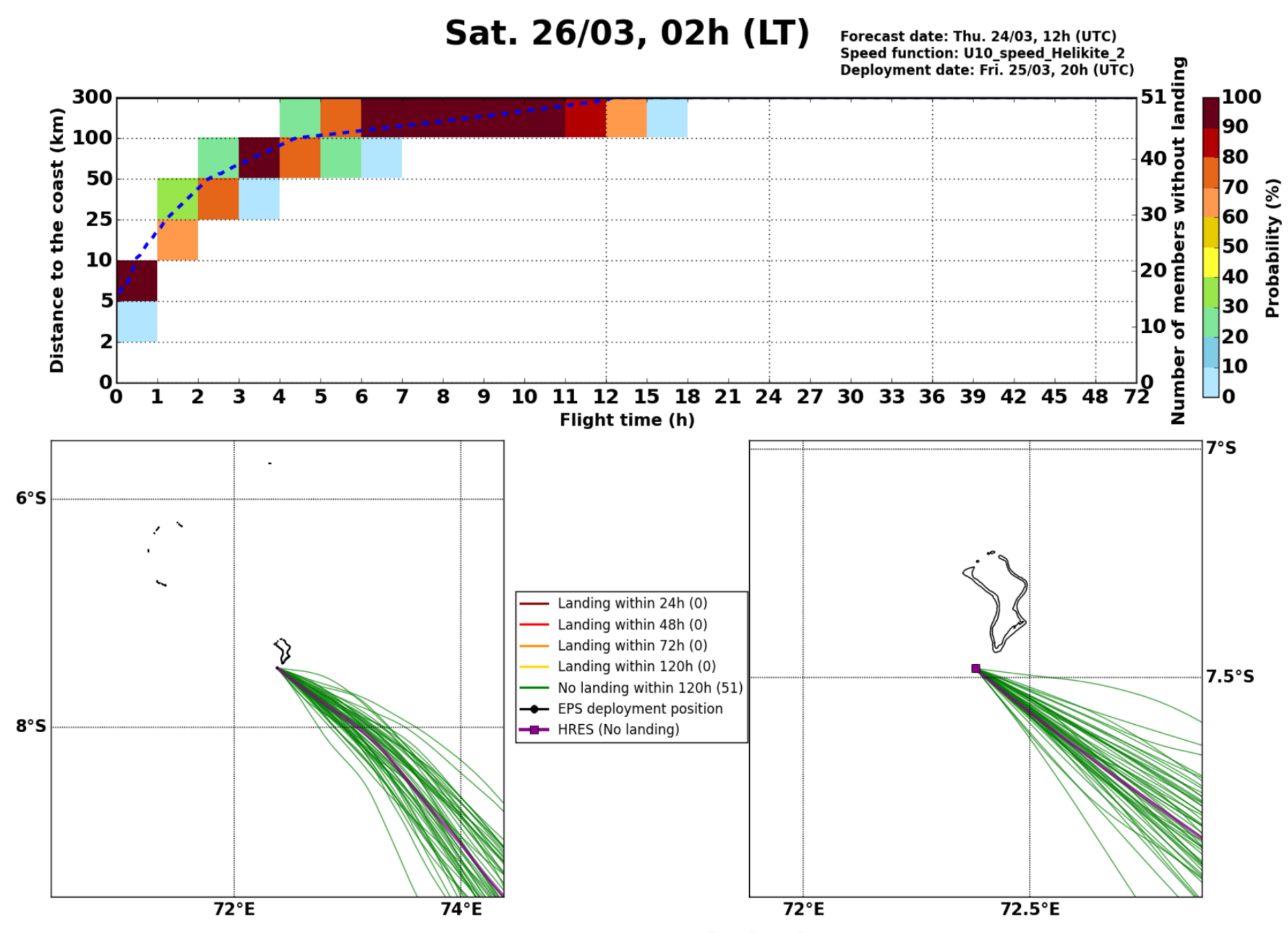

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Fri. 25/03, 14h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 08h (UTC)
Named cyclones forecast - Number of EPS within 120km
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 6 14 20 27 43 45 53 65 71 73 76 80 82 82 84 84 84 86 86 86 86 86 86
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

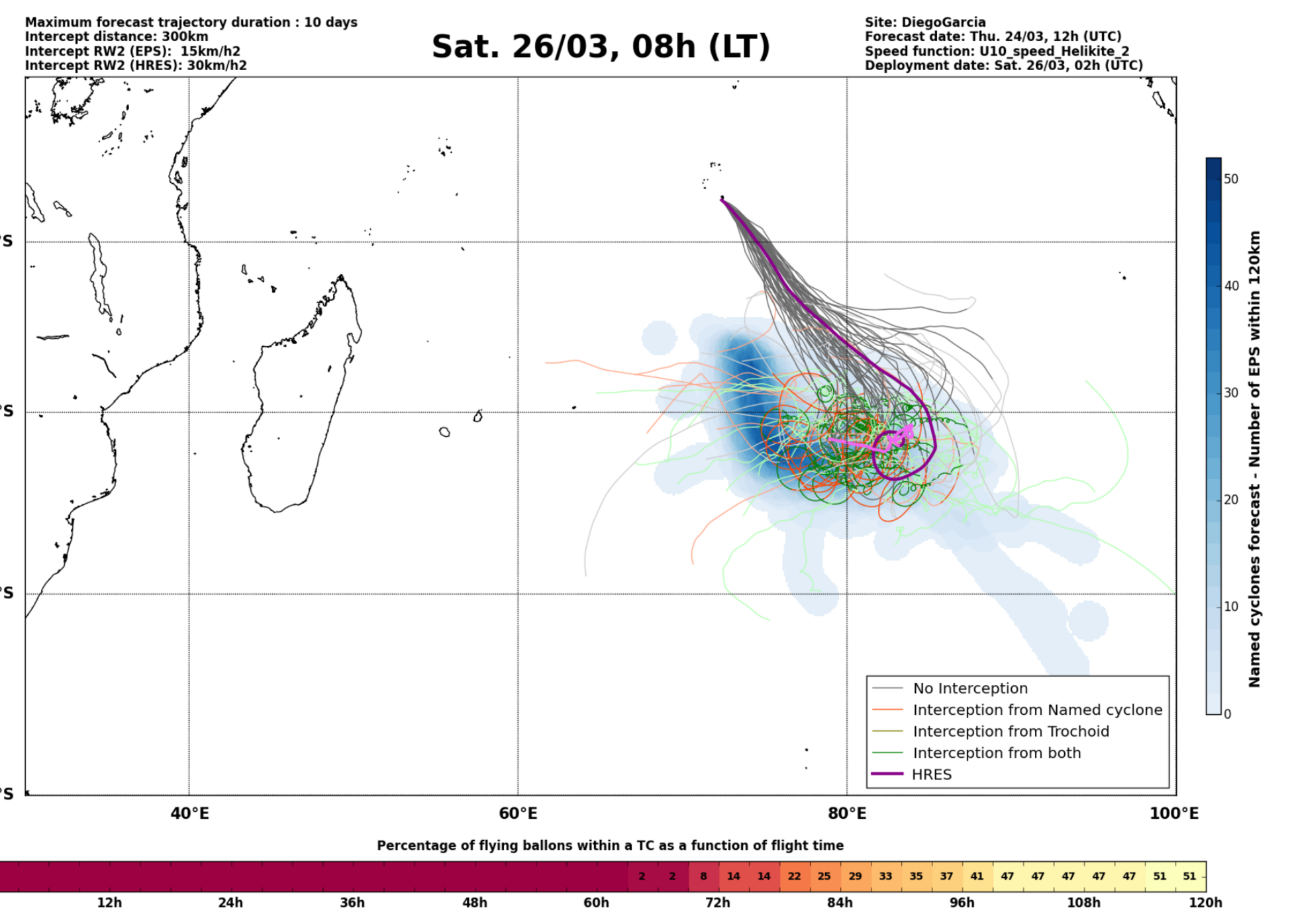

Fri. 25/03, 14h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 08h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

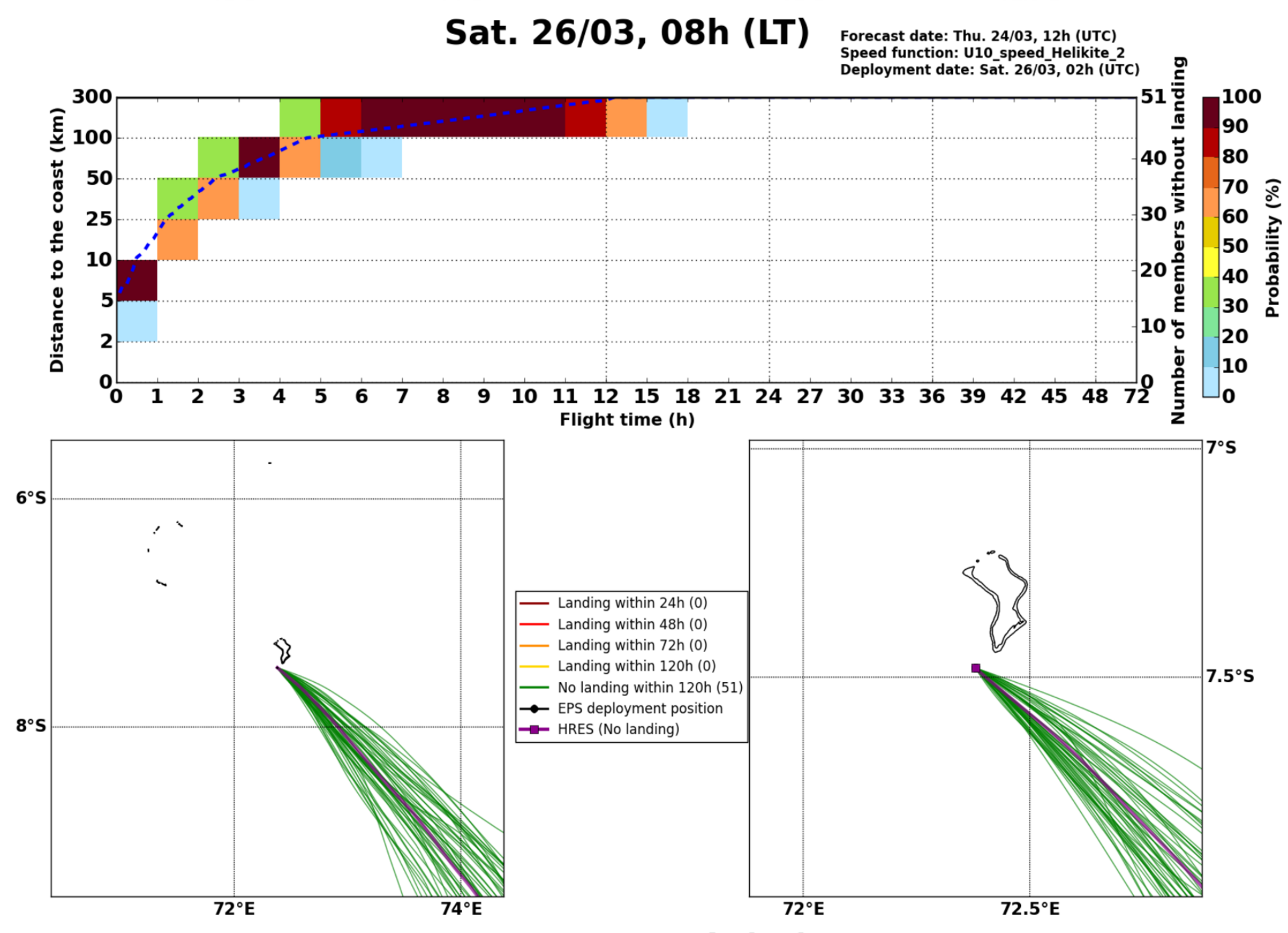

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Fri. 25/03, 20h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 6 16 22 27 43 45 53 59 61 61 63 67 67 67 67 71 71 73 73 73 73
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

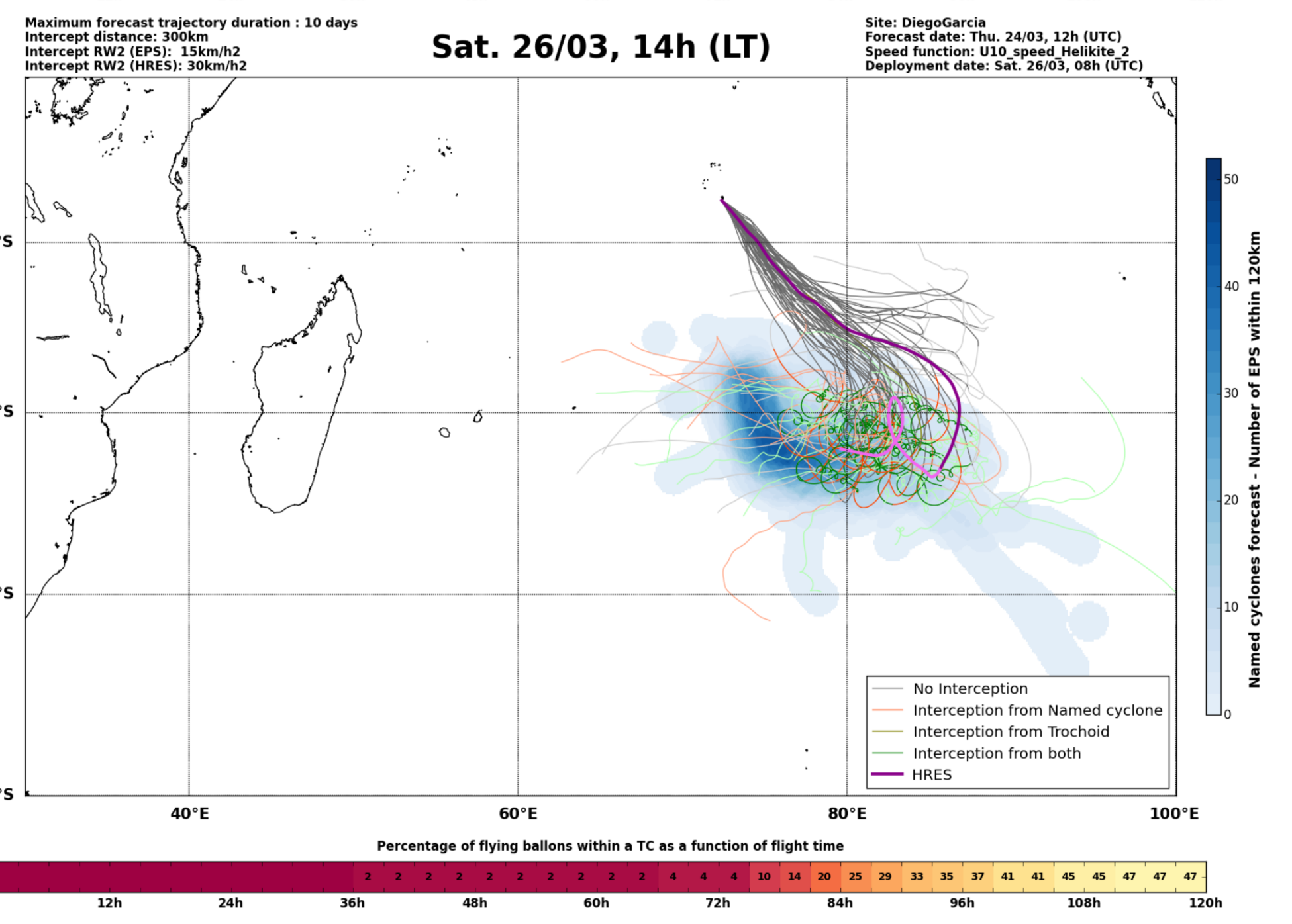

Fri. 25/03, 20h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 14h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

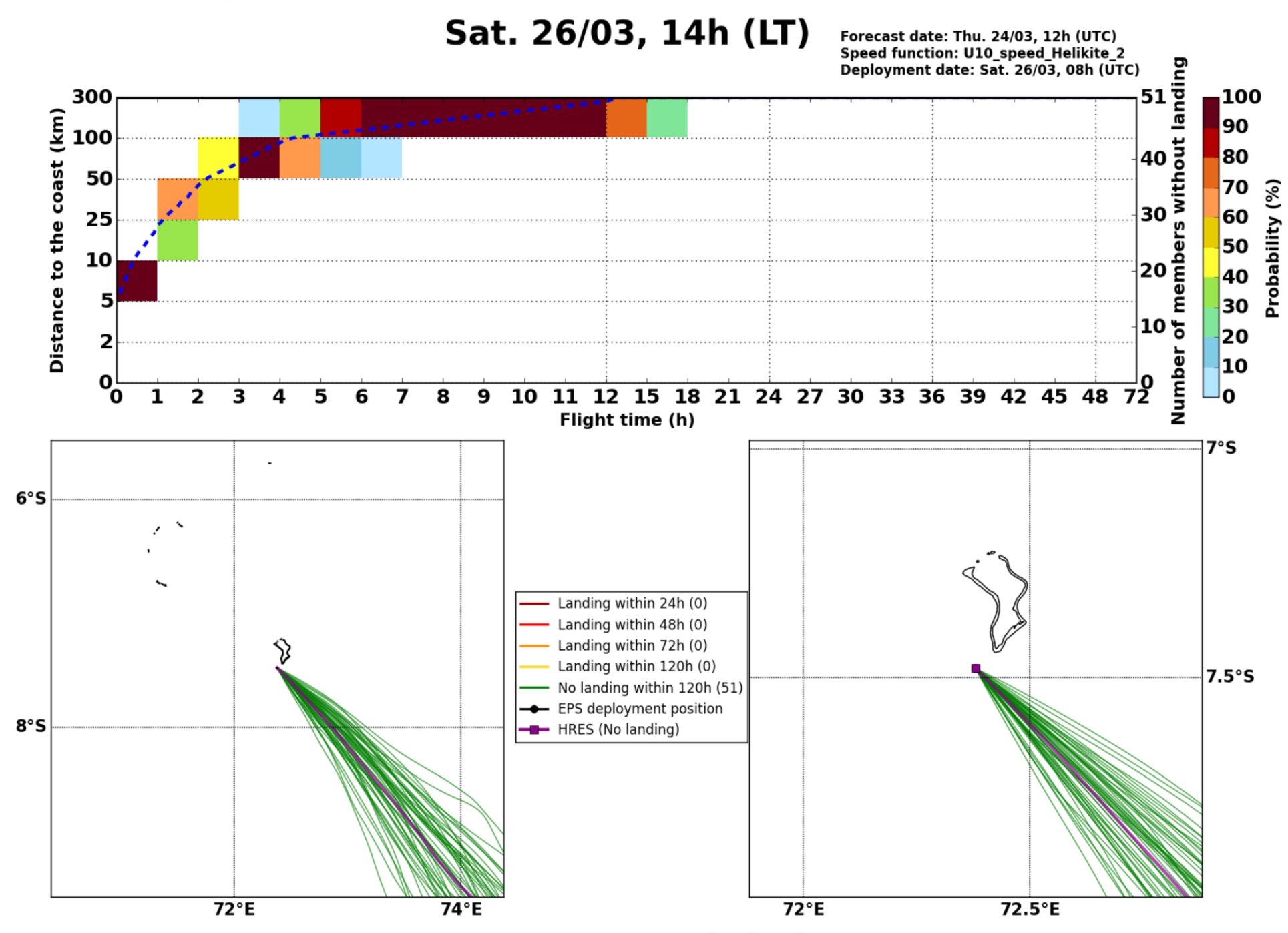

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 26/03, 02h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 20h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 2 2 4 8 14 20 24 29 39 45 47 47 49 49 51 53 55 61 61 63 63 63
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

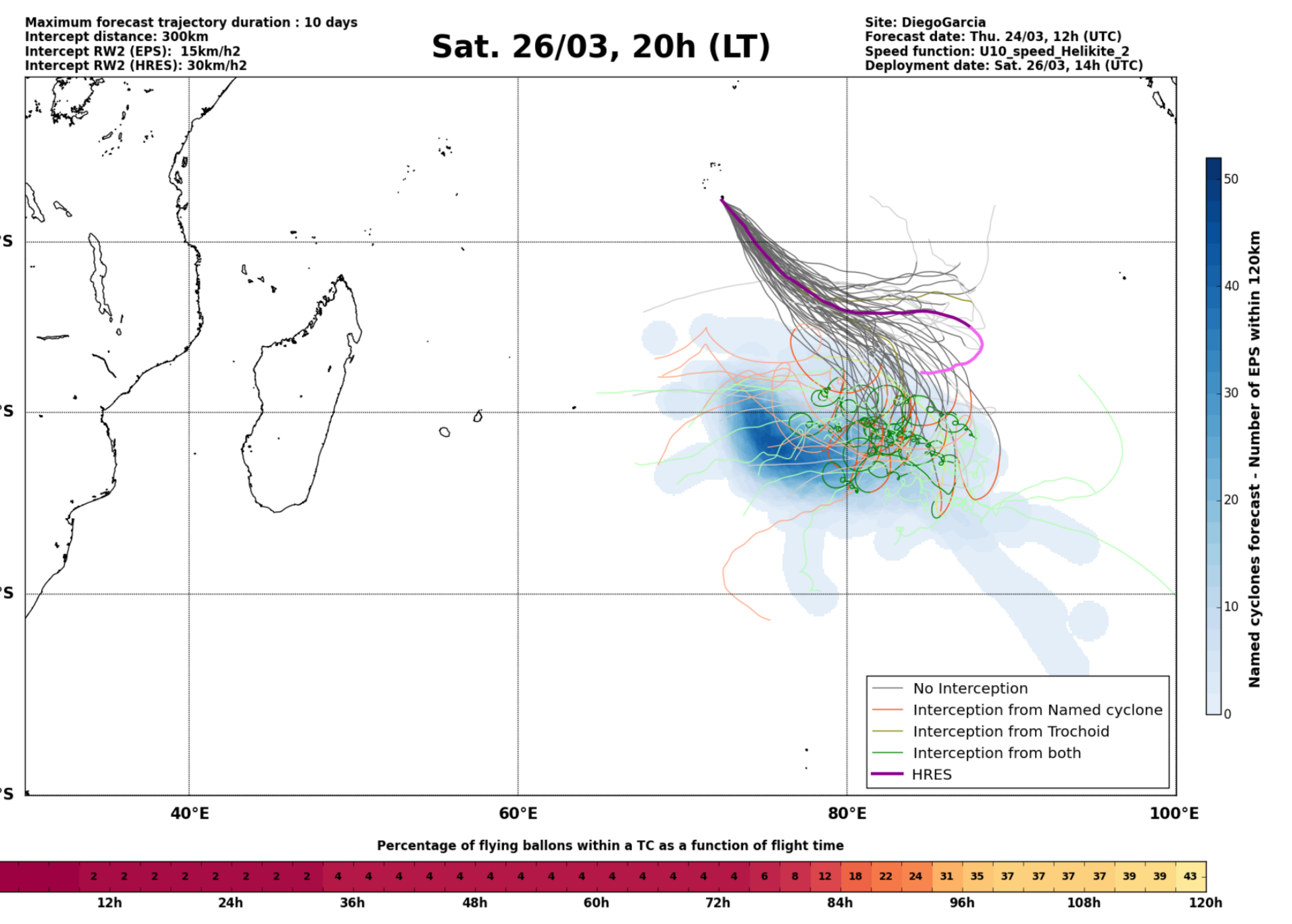

Sat. 26/03, 02h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Fri. 25/03, 20h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

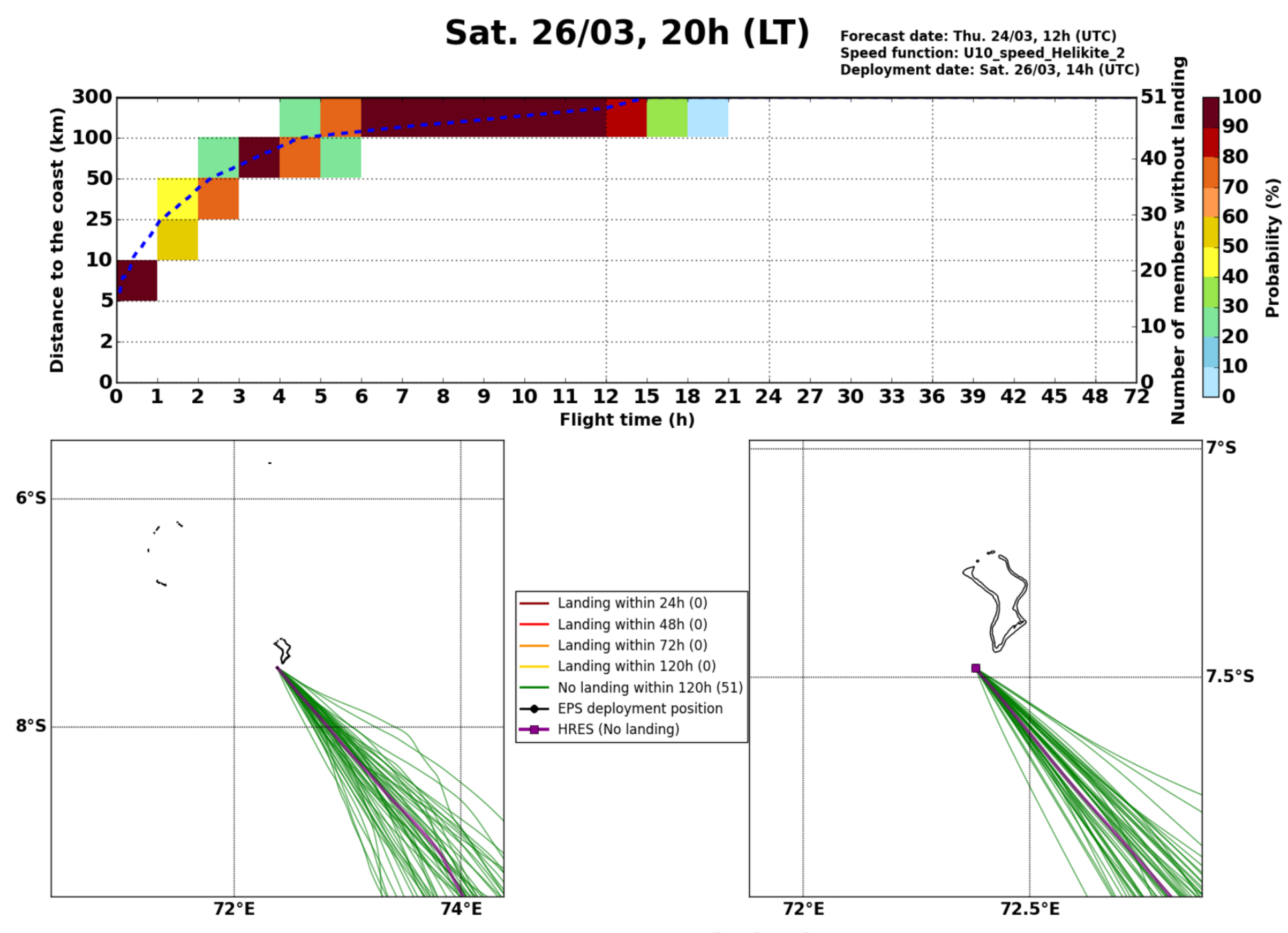

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 26/03, 08h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sat. 26/03, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 2 8 14 14 22 25 29 33 35 37 41 47 47 47 47 47 51 51
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

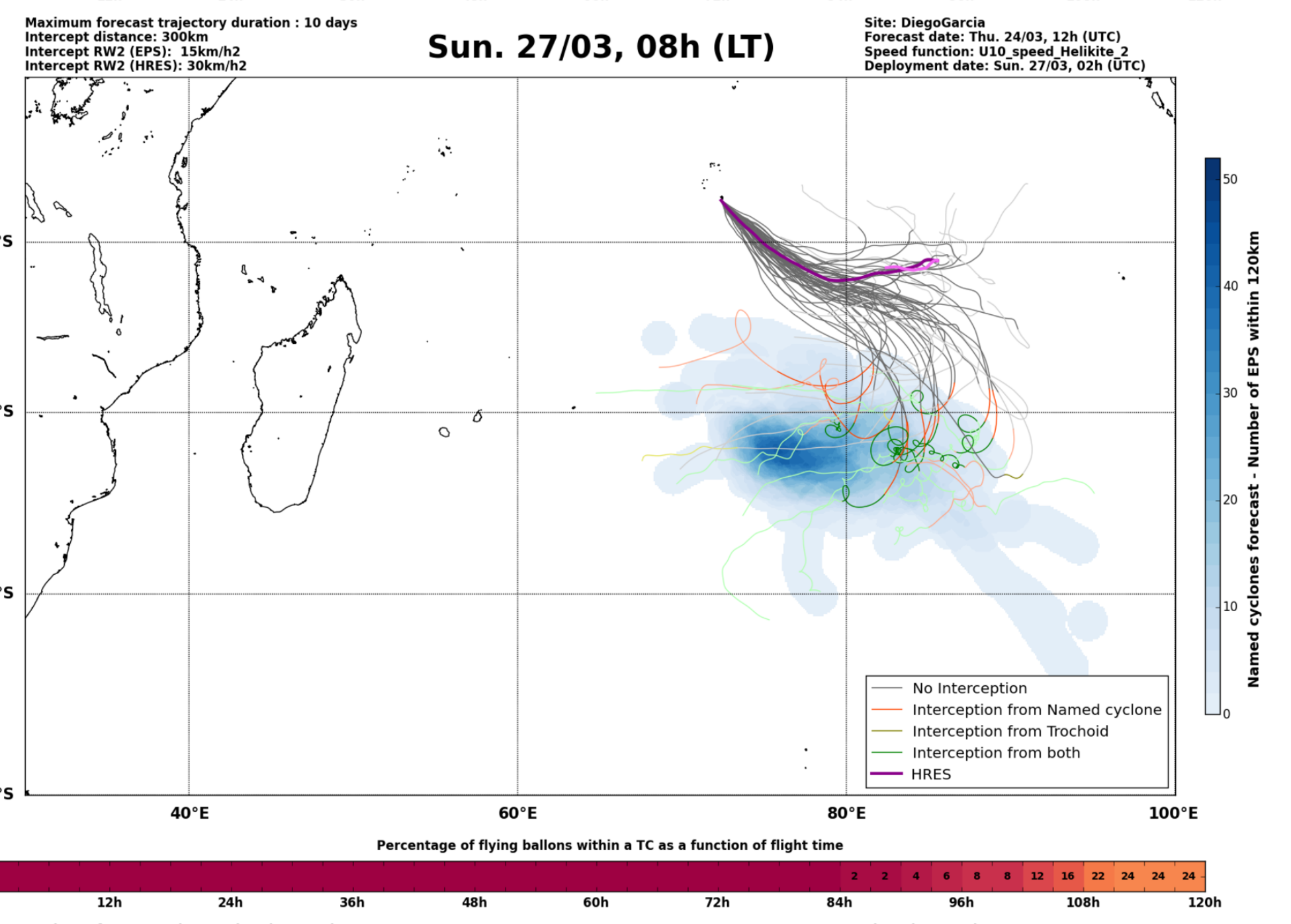

Sat. 26/03, 08h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sat. 26/03, 02h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

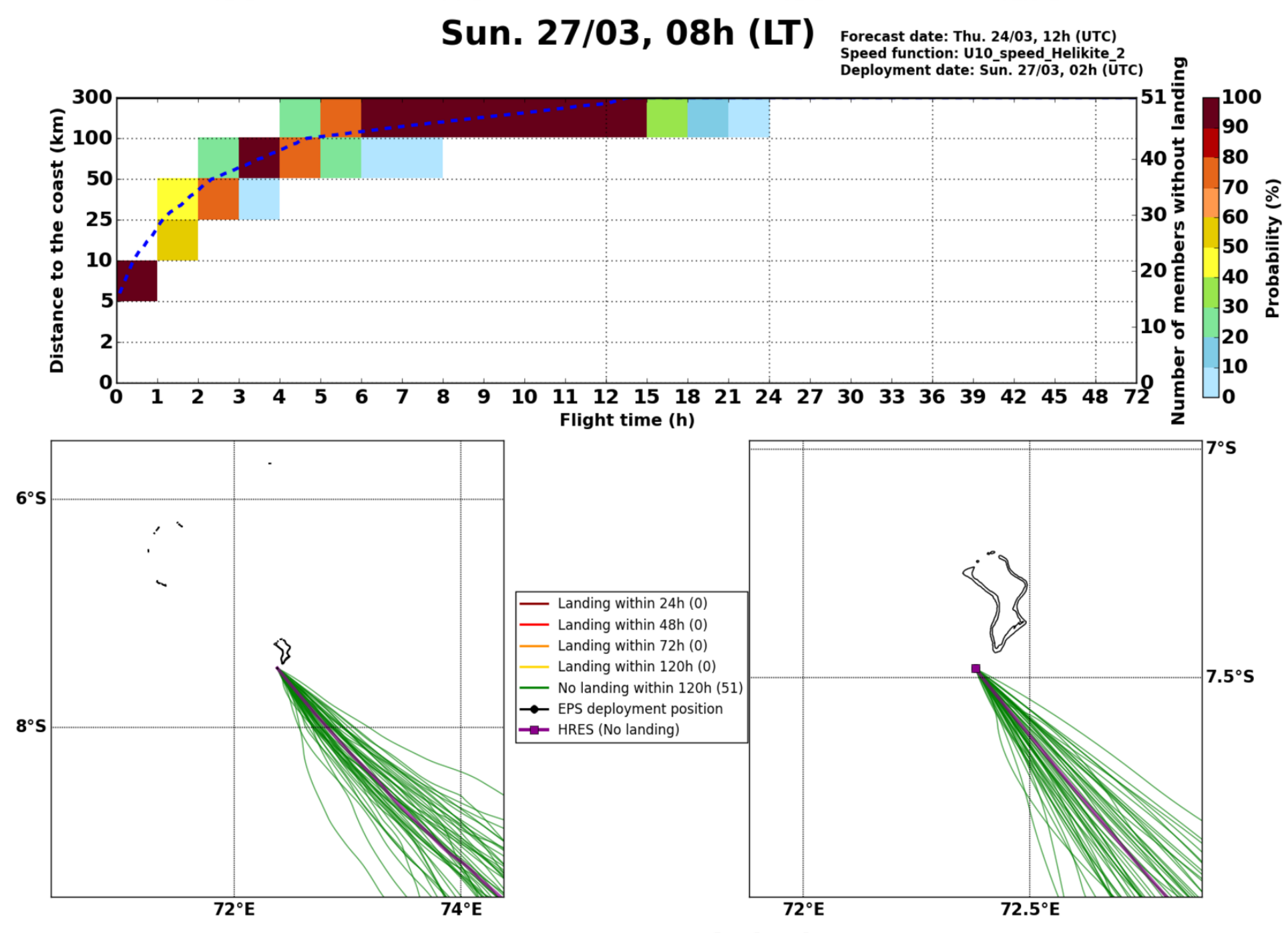

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 26/03, 14h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sat. 26/03, 08h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 2 2 2 2 2 2 2 2 2 4 4 4 10 14 20 25 29 33 35 37 41 41 45 45 47 47 47
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

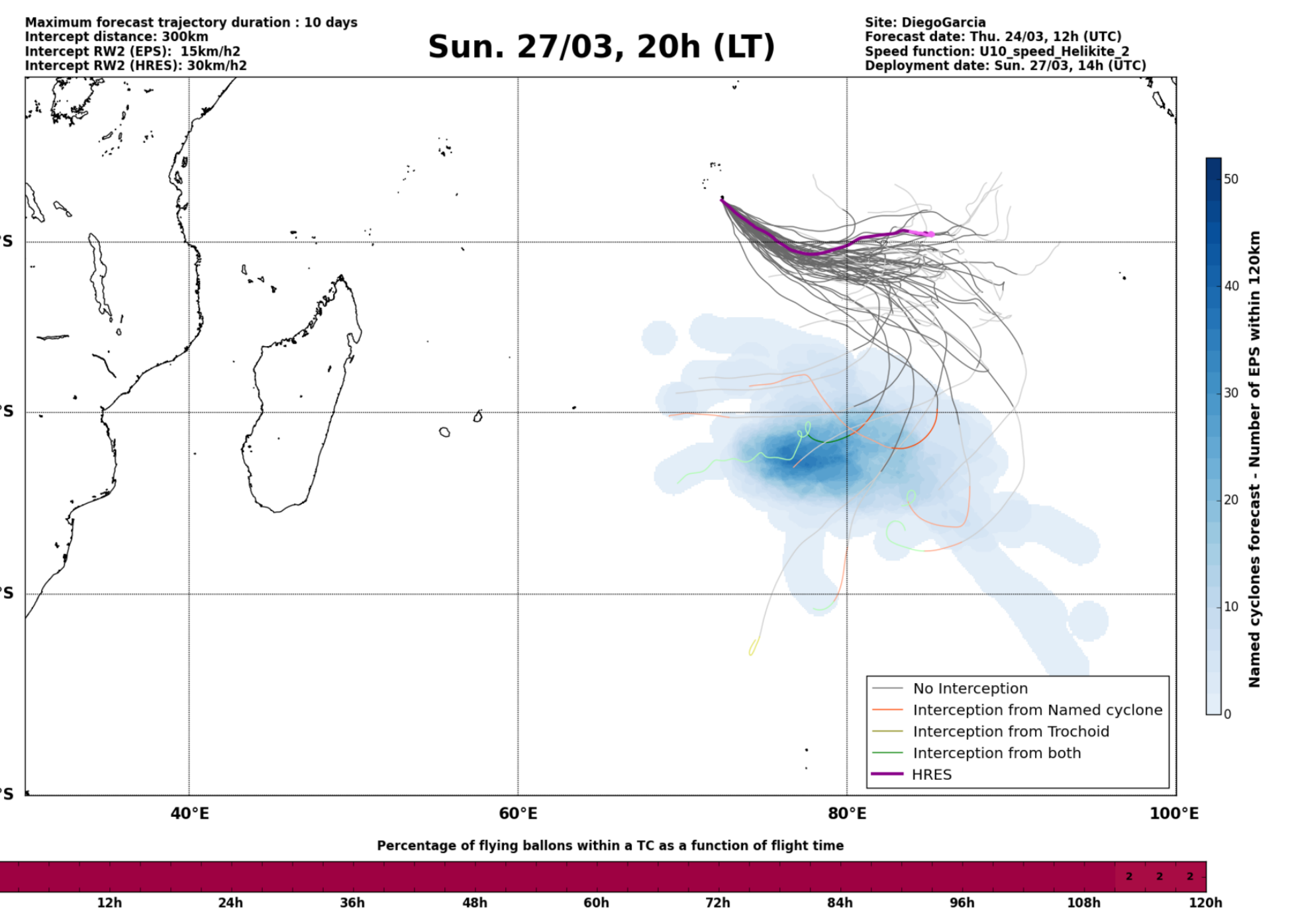

Sat. 26/03, 14h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sat. 26/03, 08h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

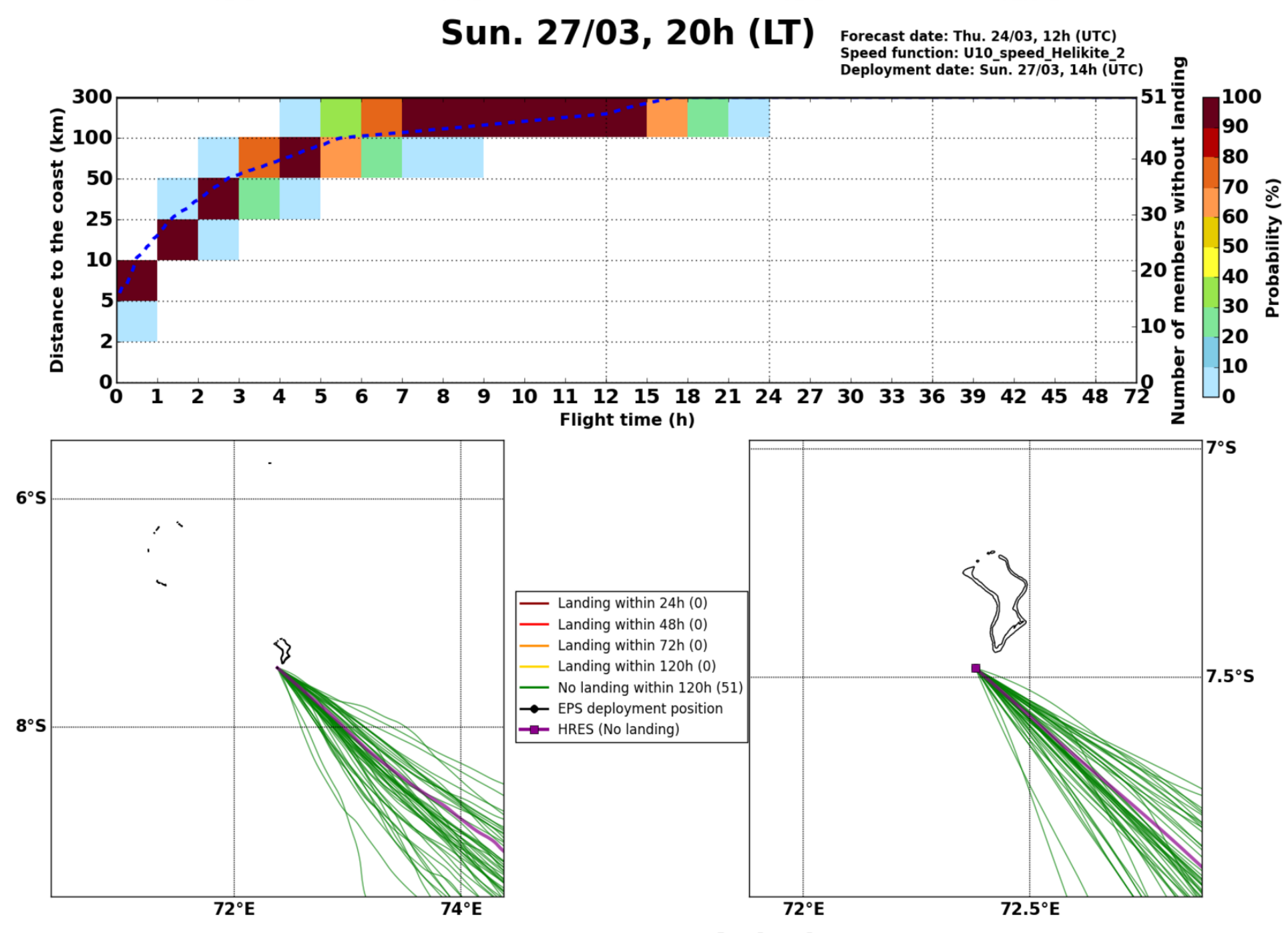

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 26/03, 20h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sat. 26/03, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 6 8 12 18 22 24 31 35 37 37 37 37 39 39 43
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

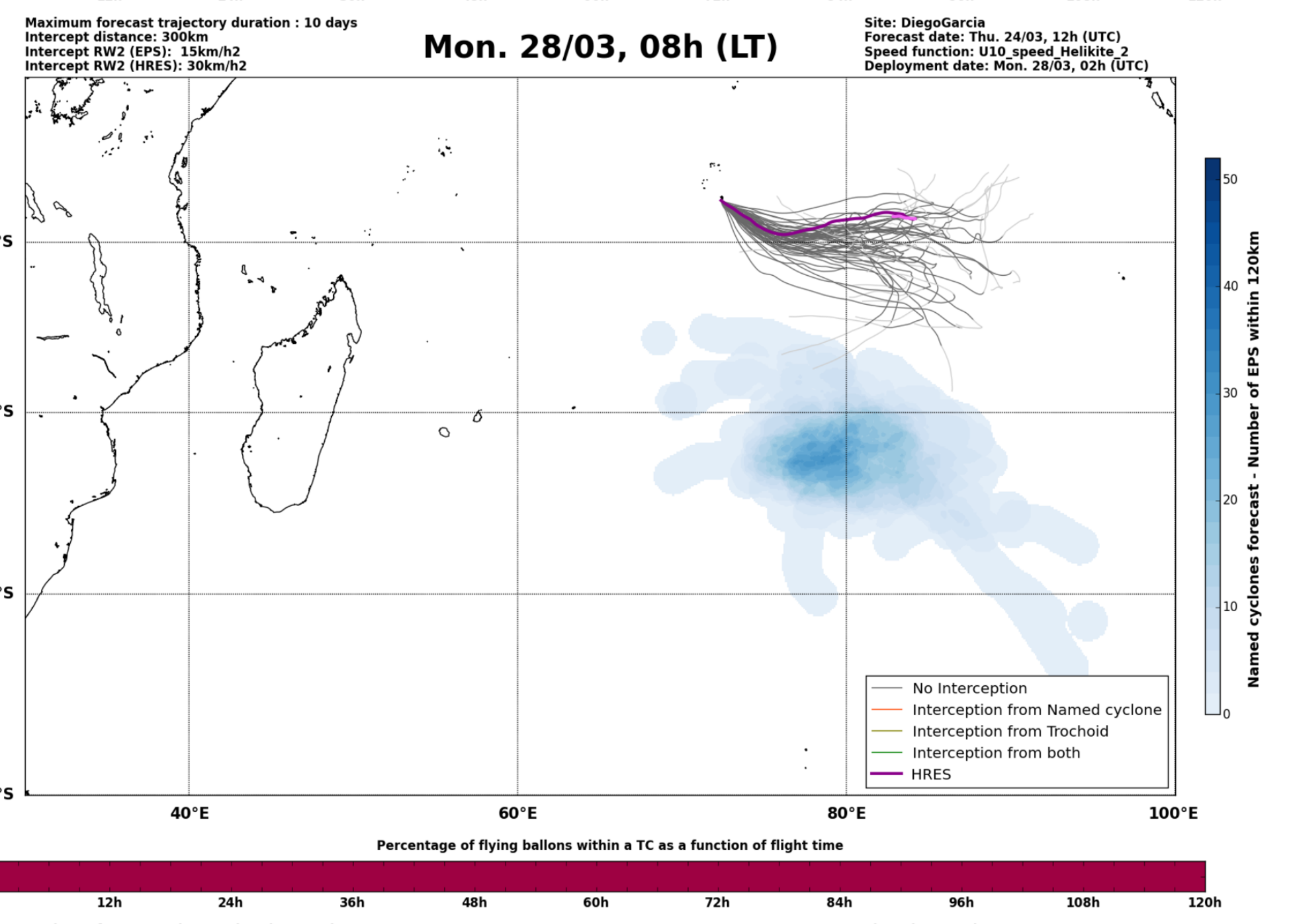

Sat. 26/03, 20h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sat. 26/03, 14h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

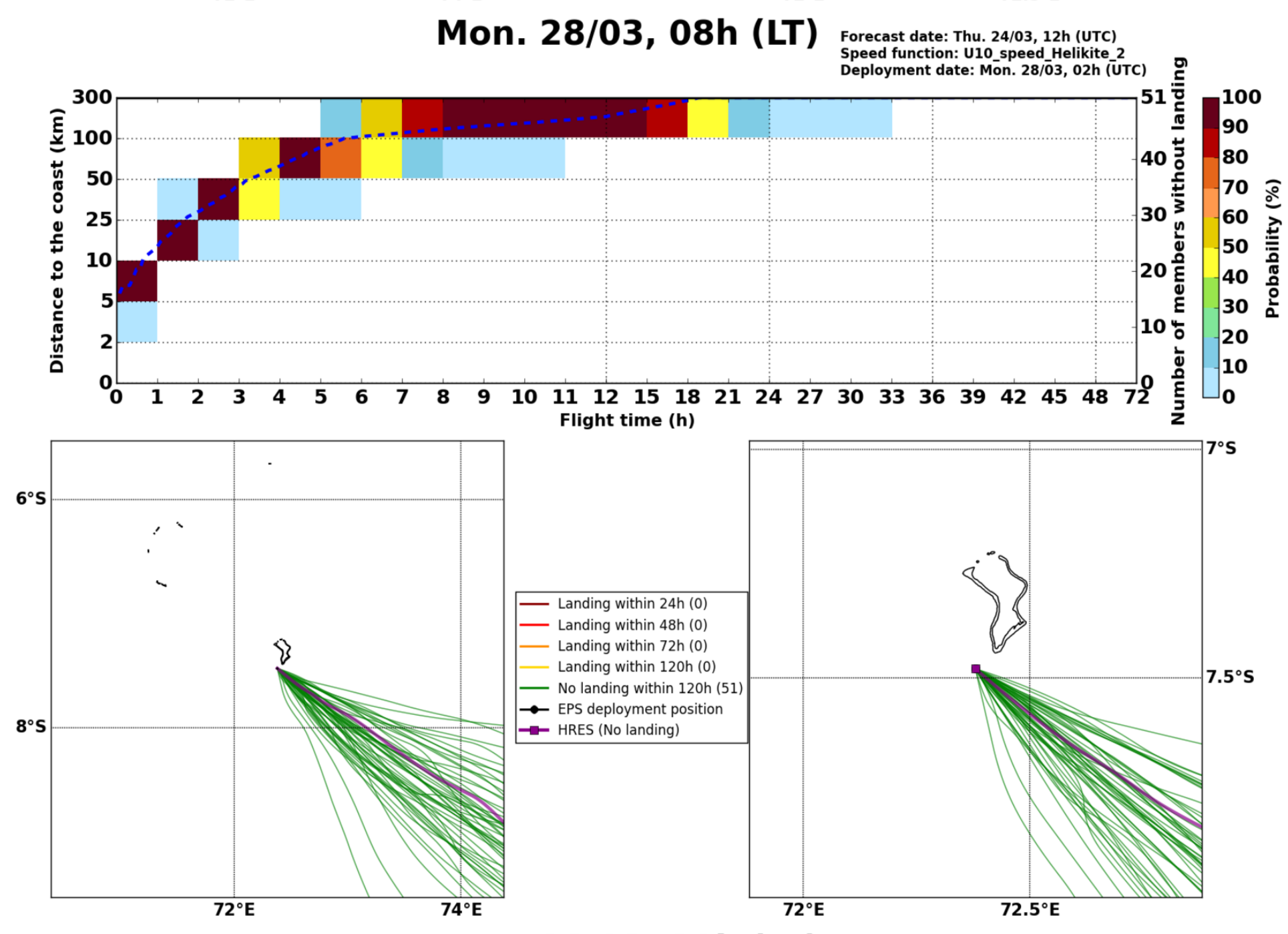

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 27/03, 08h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sun. 27/03, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 2 4 6 8 8 12 16 22 24 24 24
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

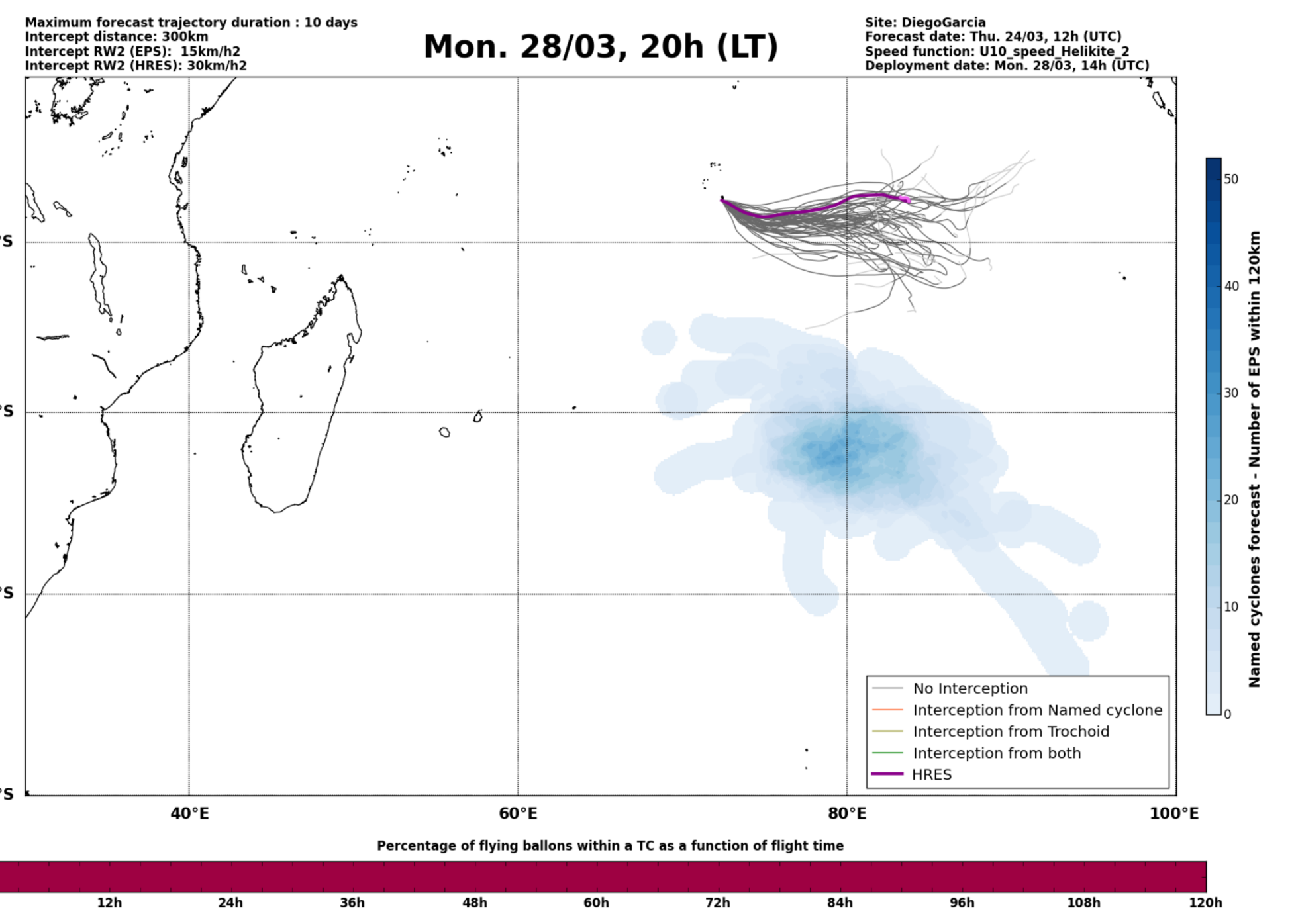

Sun. 27/03, 08h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sun. 27/03, 02h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

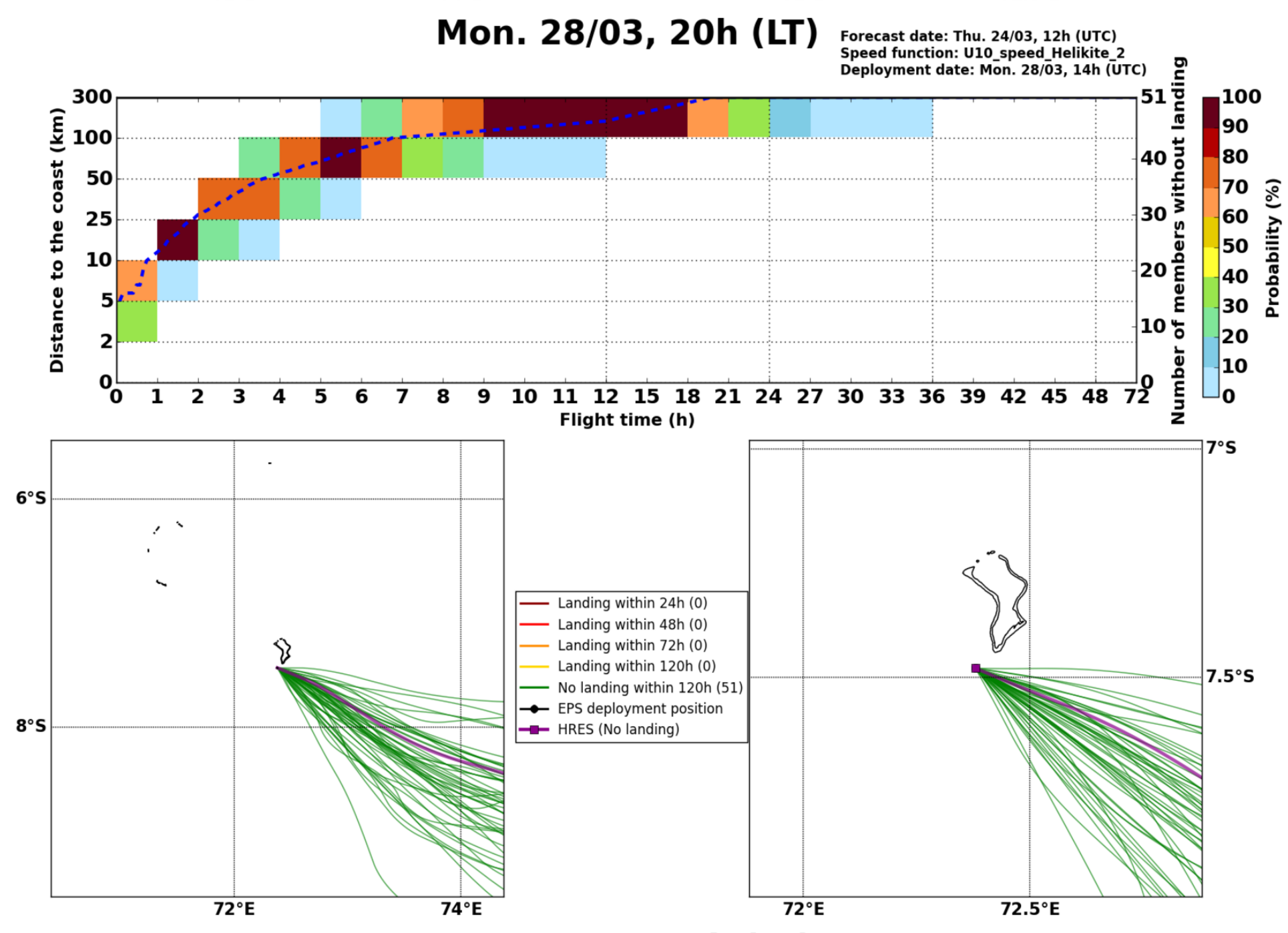

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 27/03, 20h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sun. 27/03, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
2 2 2
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

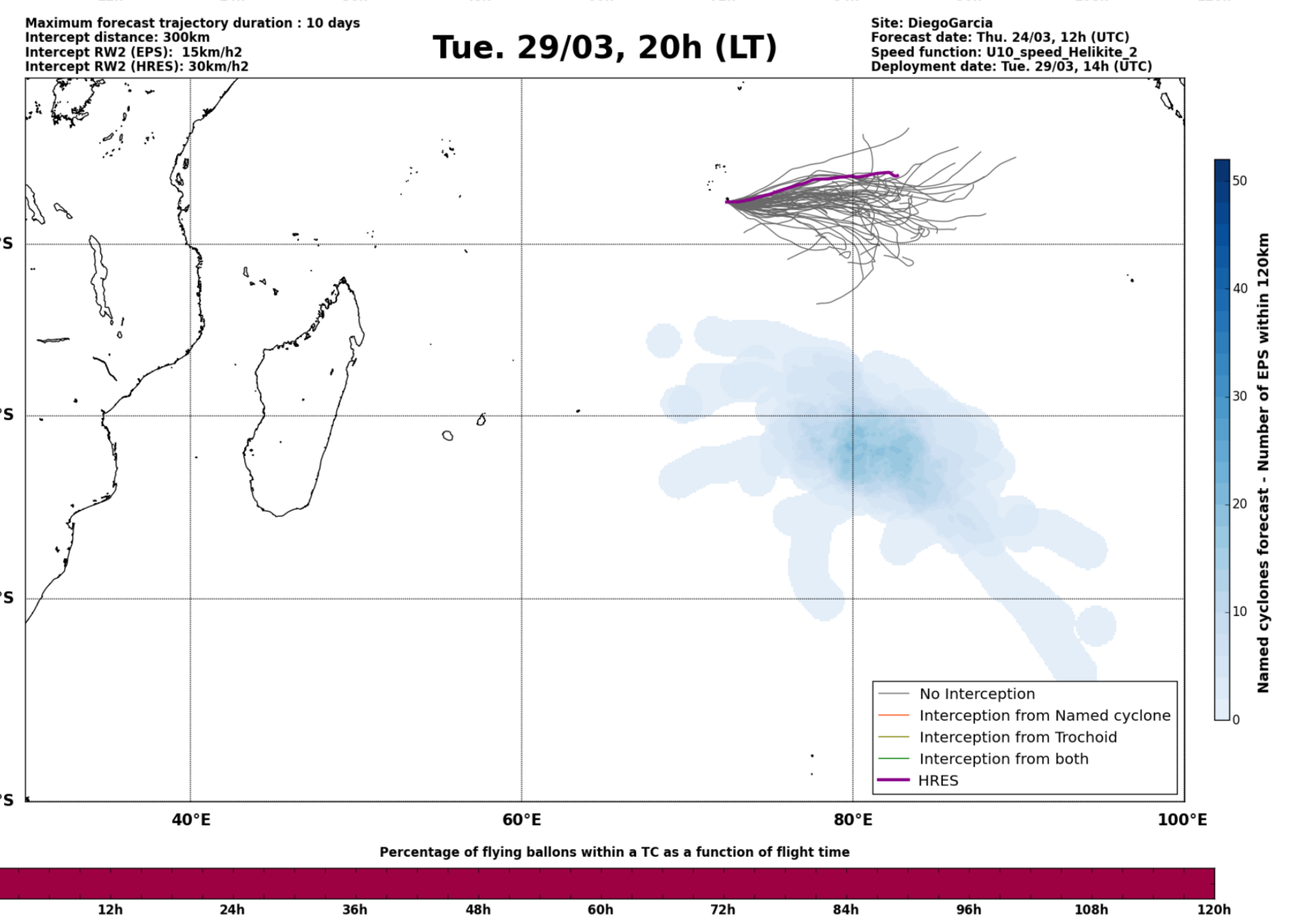

Sun. 27/03, 20h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Sun. 27/03, 14h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

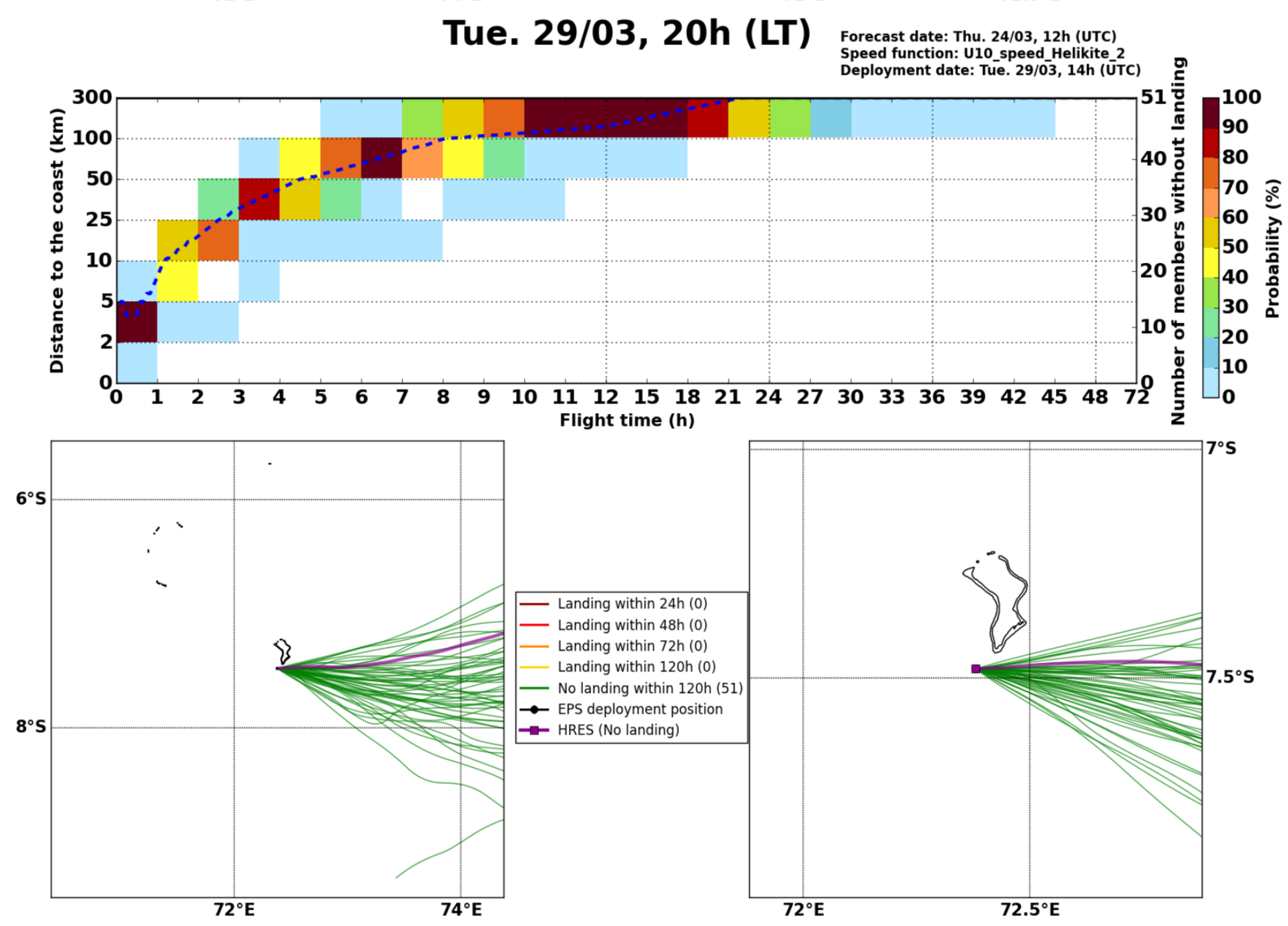

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 28/03, 08h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Mon. 28/03, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h


Mon. 28/03, 08h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Mon. 28/03, 02h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 28/03, 20h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Mon. 28/03, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h


Mon. 28/03, 20h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Mon. 28/03, 14h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Tue. 29/03, 20h (LT)
Site: DiegoGarcia
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Tue. 29/03, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Percentage of flying ballons within a TC as a function of flight time
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h


Tue. 29/03, 20h (LT)
Forecast date: Thu. 24/03, 12h (UTC)
Speed function: U10_speed_Helikite_2
Deployment date: Tue. 29/03, 14h (UTC)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)