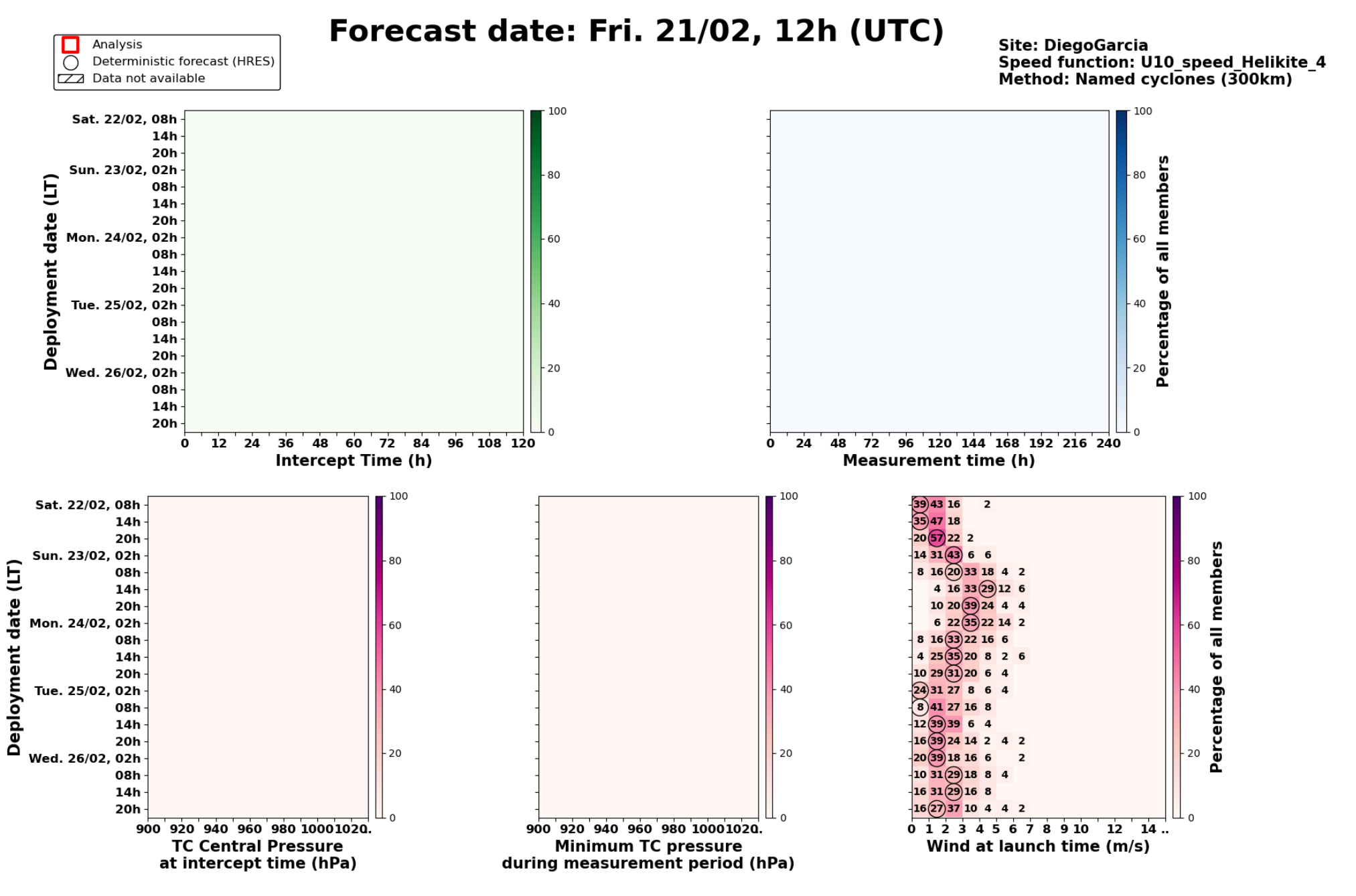
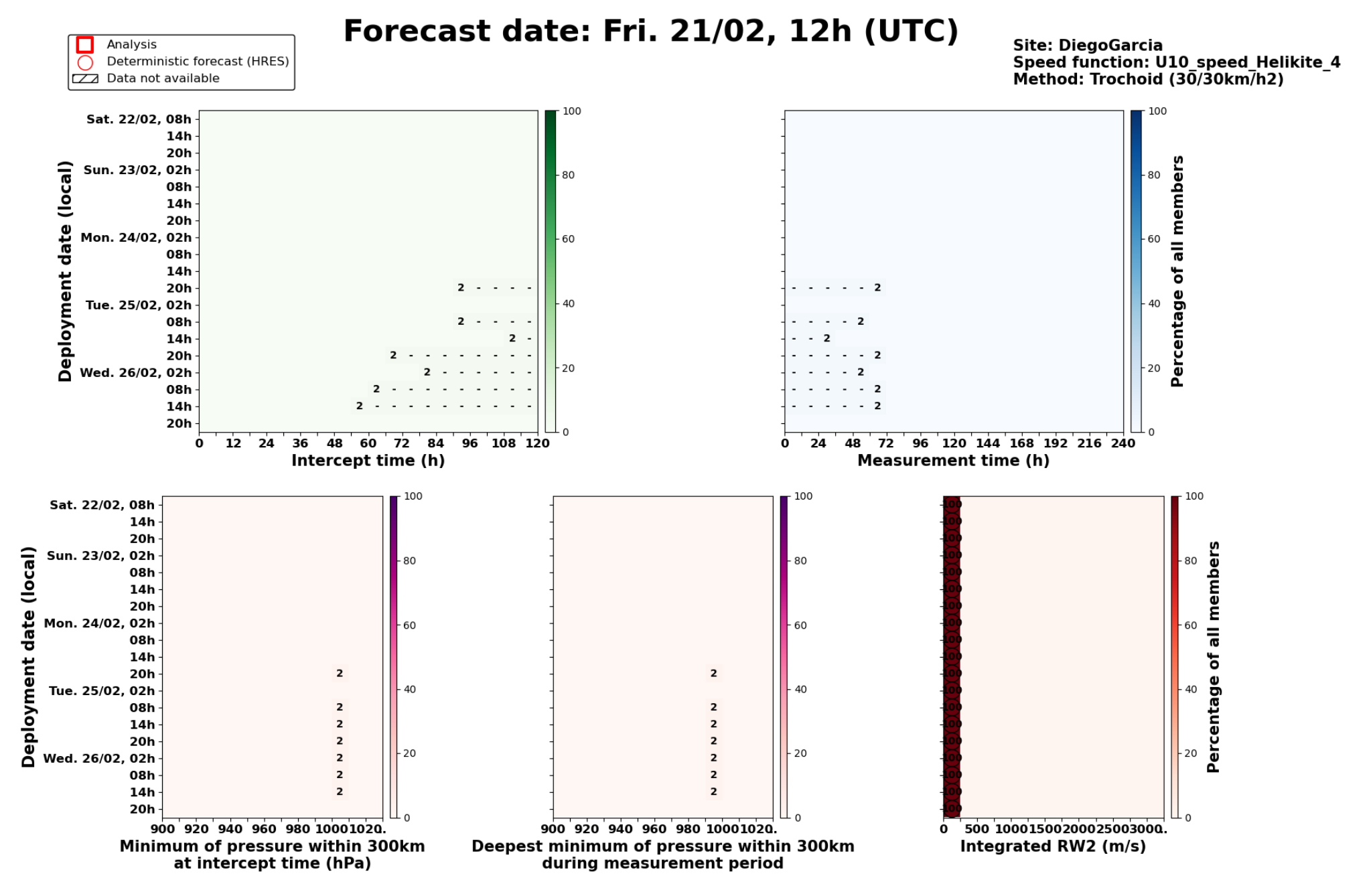
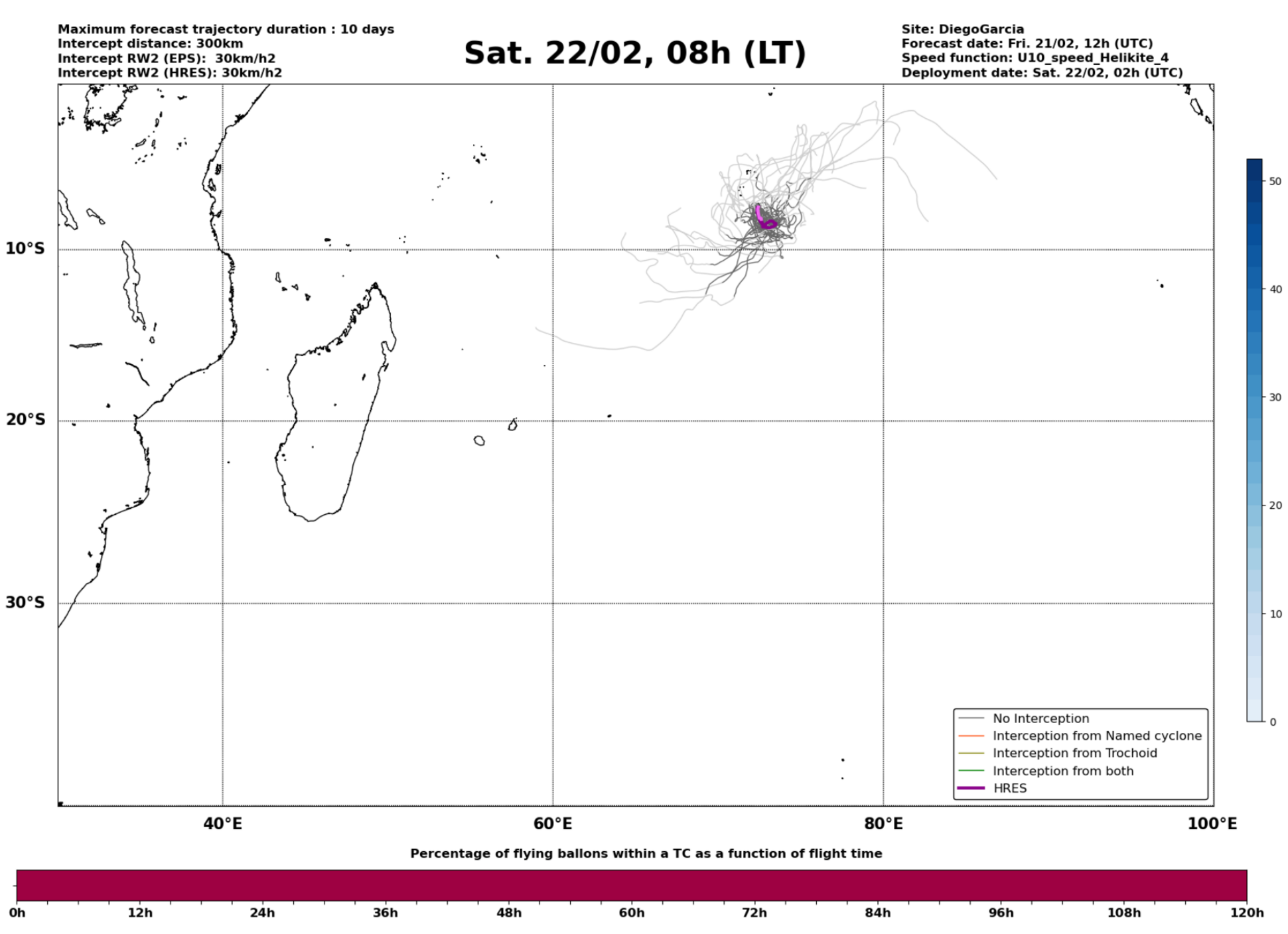
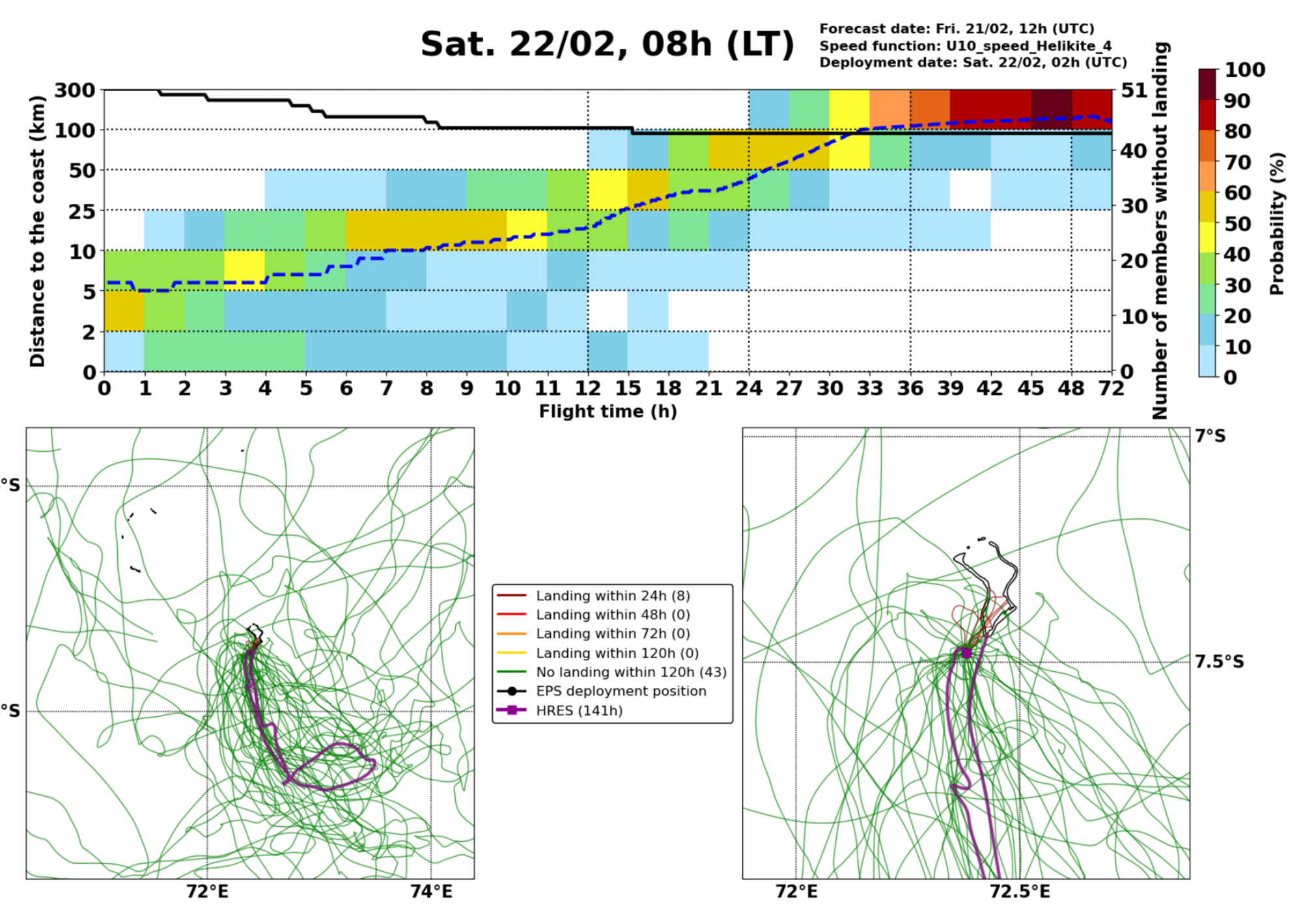
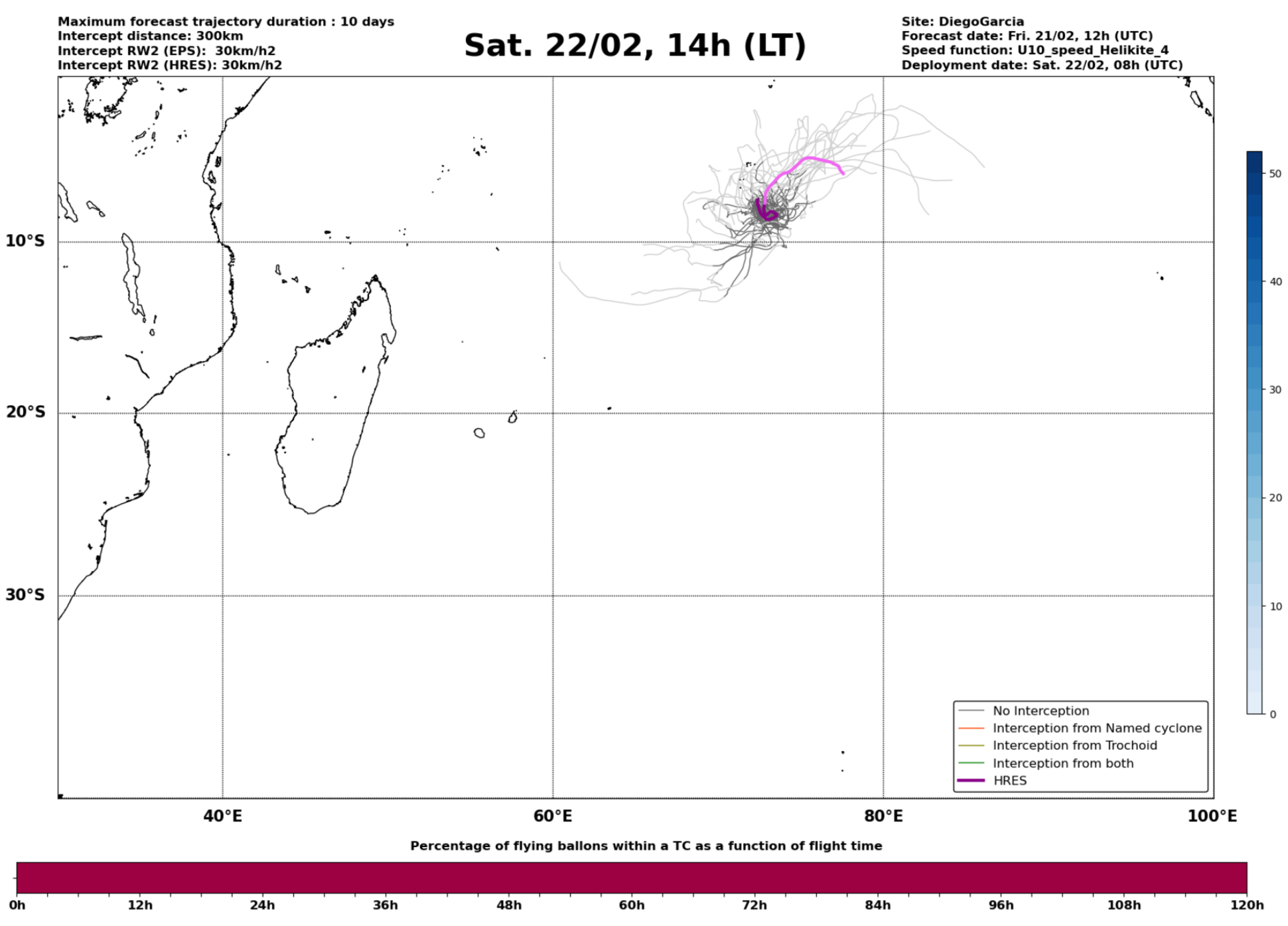
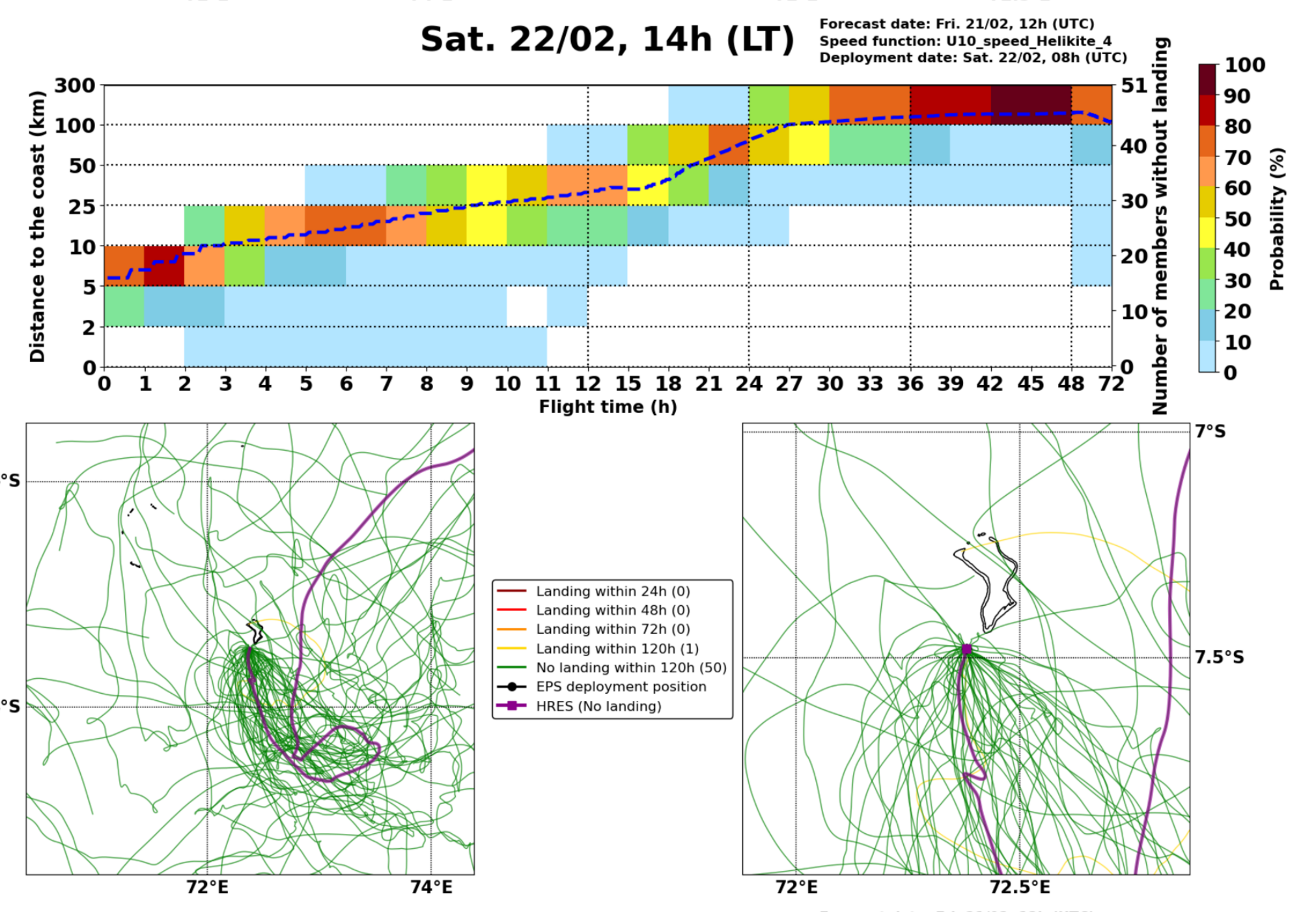

Forecast date: Fri. 21/02, 12h (UTC)
Analysis
Deterministic forecast (HRES)
Data not available
Site: DiegoGarcia
Speed function: U10_speed_Helikite_4
Method: Named cyclones (300km)
Deployment date (LT)
Sat. 22/02, 08h
14h
20h
Sun. 23/02, 02h
08h
14h
20h
Mon. 24/02, 02h
08h
14h
20h
Tue. 25/02, 02h
08h
14h
20h
Wed. 26/02, 02h
08h
14h
20h
Intercept Time (h)
0 12 24 36 48 60 72 84 96 108 120
Measurement time (h)
0 24 48 72 96 120 144 168 192 216 240
Percentage of all members
0 20 40 60 80 100
TC Central Pressure at intercept time (hPa)
Minimum TC pressure during measurement period (hPa)
900 920 940 960 980 1000 1020.
Wind at launch time (m/s)
0 1 2 3 4 5 6 7 8 9 10 12 14
39 43 16 2
35 47 18
20 57 22 2
14 31 43 6 6
8 16 20 33 18 4 2
4 16 33 29 12 6
10 20 39 24 4 4
6 22 35 22 14 2
8 16 33 22 16 6
4 25 35 20 8 2 6
10 29 31 20 6 4
24 31 27 8 6 4
8 41 27 16 8
12 39 39 6 4
16 39 24 14 2 4 2
20 39 18 16 6 2
10 31 29 18 8 4
16 31 29 16 8
16 27 37 10 4 4 2

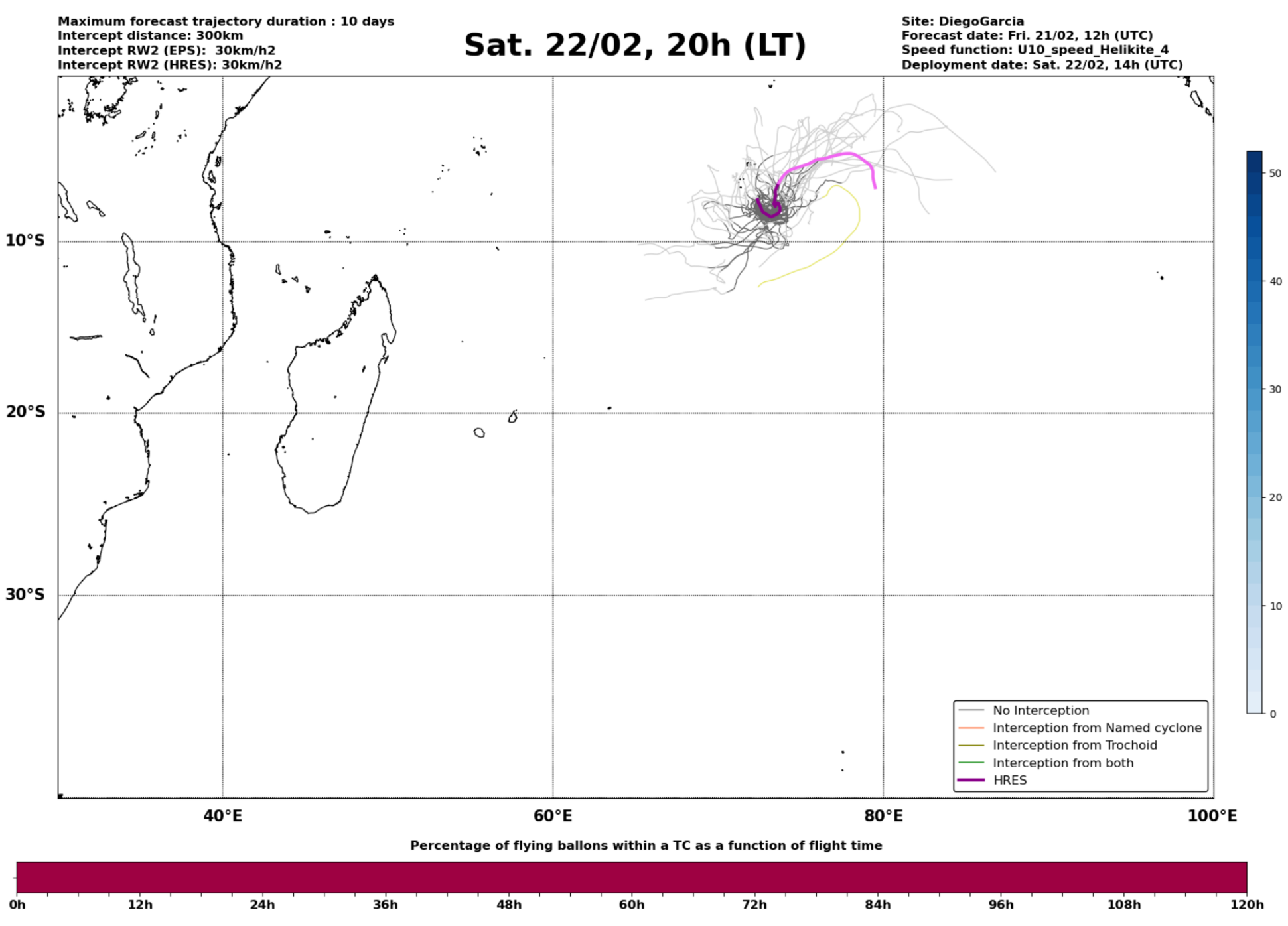

Forecast date: Fri. 21/02, 12h (UTC)
Analysis
Deterministic forecast (HRES)
Data not available
Site: DiegoGarcia
Speed function: U10_speed_Helikite_4
Method: Trochoid (30/30km/h2)
Deployment date (local)
Sat. 22/02, 08h
14h
20h
Sun. 23/02, 02h
08h
14h
20h
Mon. 24/02, 02h
08h
14h
20h
Tue. 25/02, 02h
08h
14h
20h
Wed. 26/02, 02h
08h
14h
20h
Intercept time (h)
0 12 24 36 48 60 72 84 96 108 120
Measurement time (h)
0 24 48 72 96 120 144 168 192 216 240
Percentage of all members
0 20 40 60 80 100
2
Minimum of pressure within 300km at intercept time (hPa)
Deepest minimum of pressure within 300km during measurement period
900 920 940 960 980 1000 1020.
Integrated RW2 (m/s)
0 500 1000 1500 2000 2500 3000.

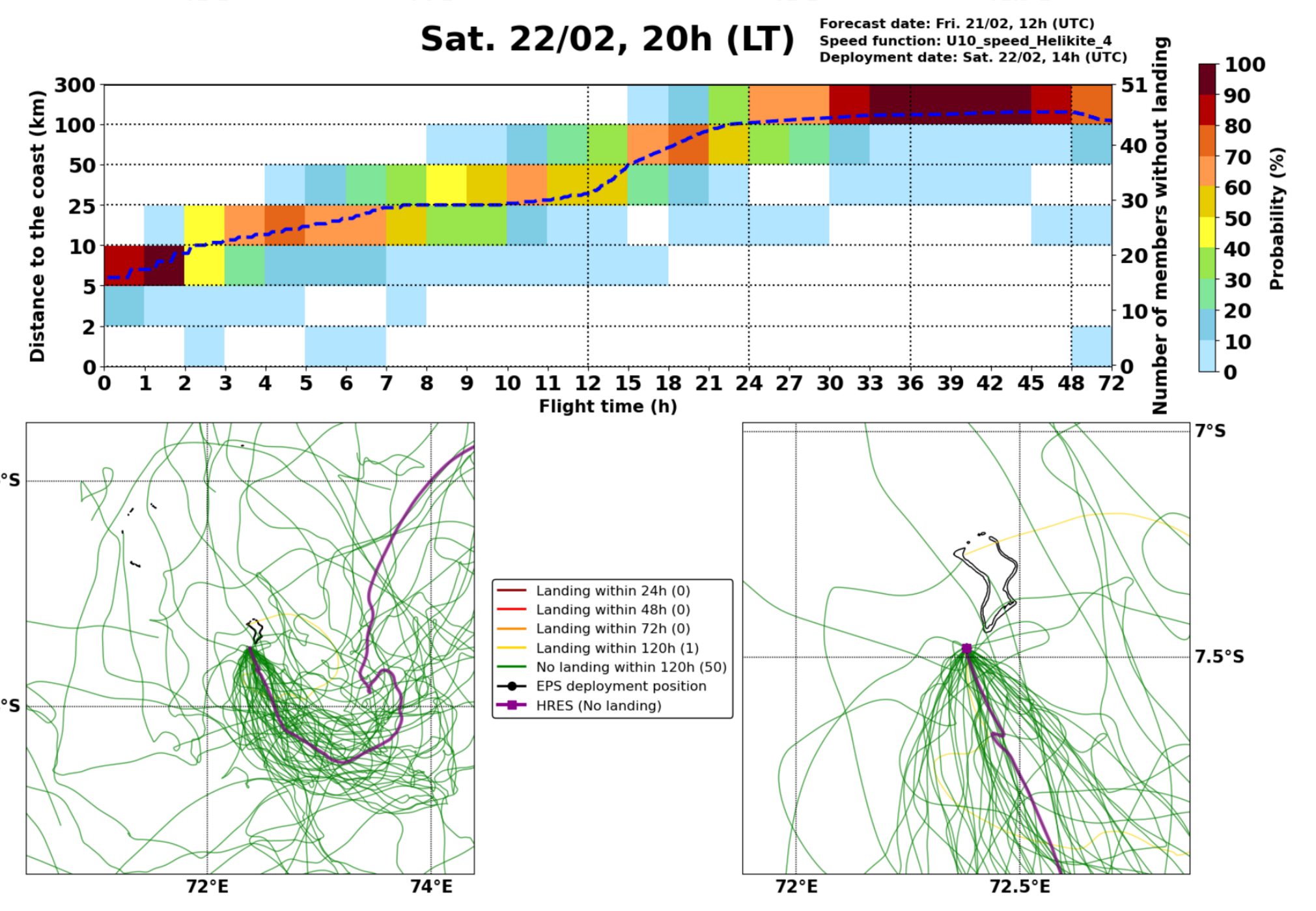

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 22/02, 08h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 02h (UTC)
10°S
20°S
30°S
40°E
60°E
80°E
100°E
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
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

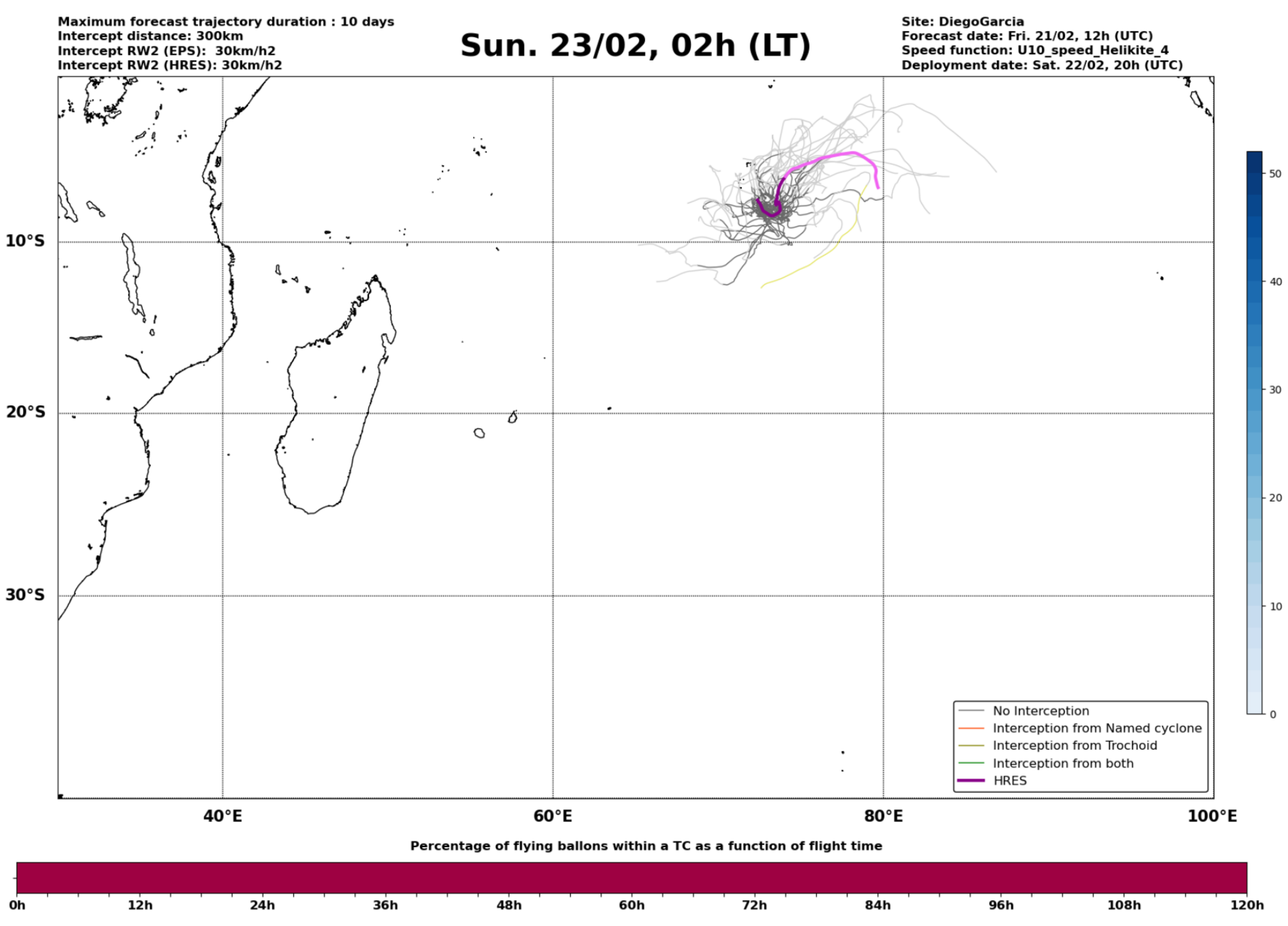

Sat. 22/02, 08h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 02h (UTC)
Distance to the coast (km)
300 100 50 25 10 5 2 0
Flight time (h)
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Number of members without landing
0 10 20 30 40 51
Probability (%)
0 10 20 30 40 50 60 70 80 90 100
6°S
8°S
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (8)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (43)
EPS deployment position
HRES (141h)

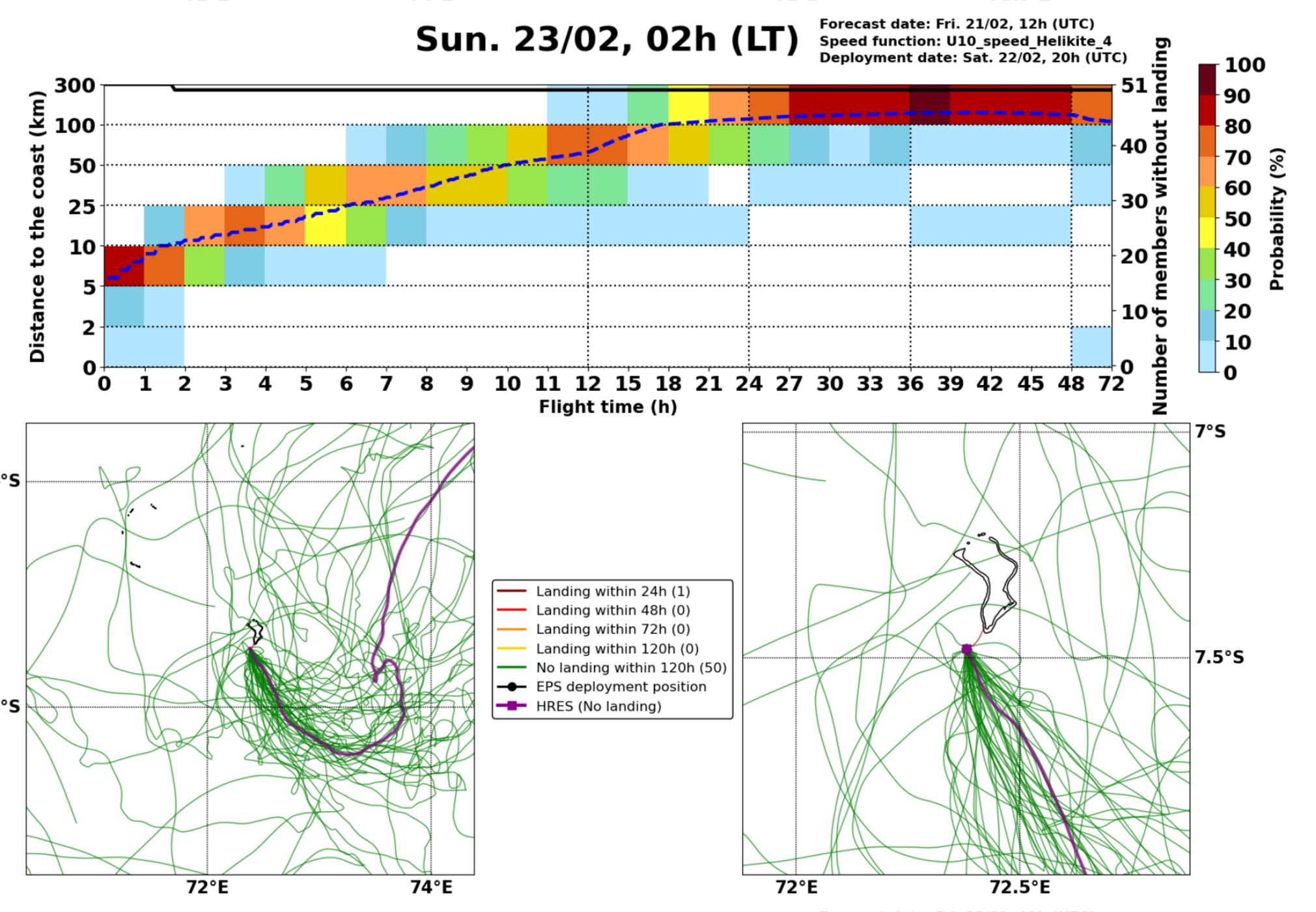

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 22/02, 14h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 08h (UTC)
10°S
20°S
30°S
40°E
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

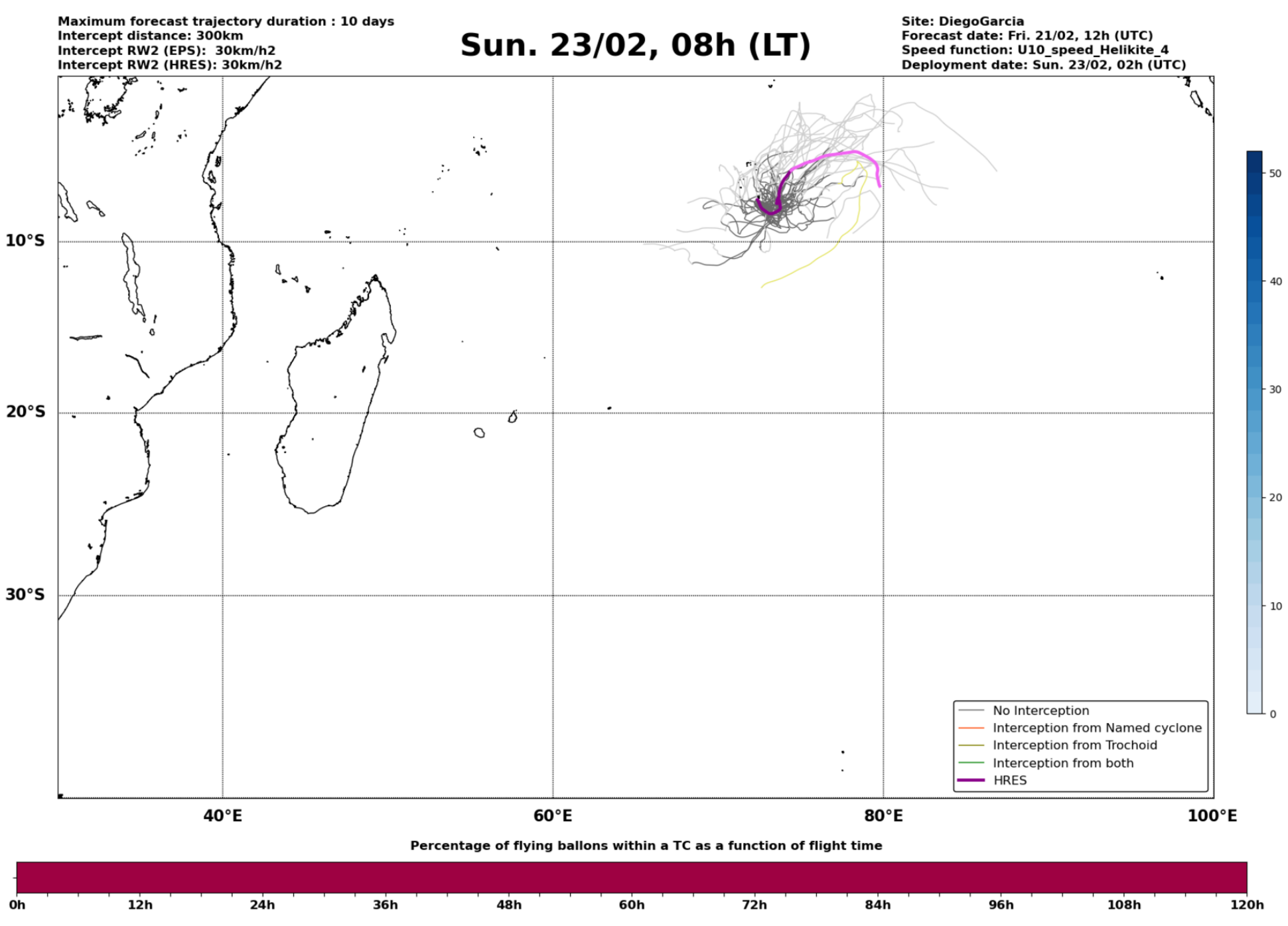

Sat. 22/02, 14h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 08h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
6°S
8°S
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (50)
EPS deployment position
HRES (No landing)

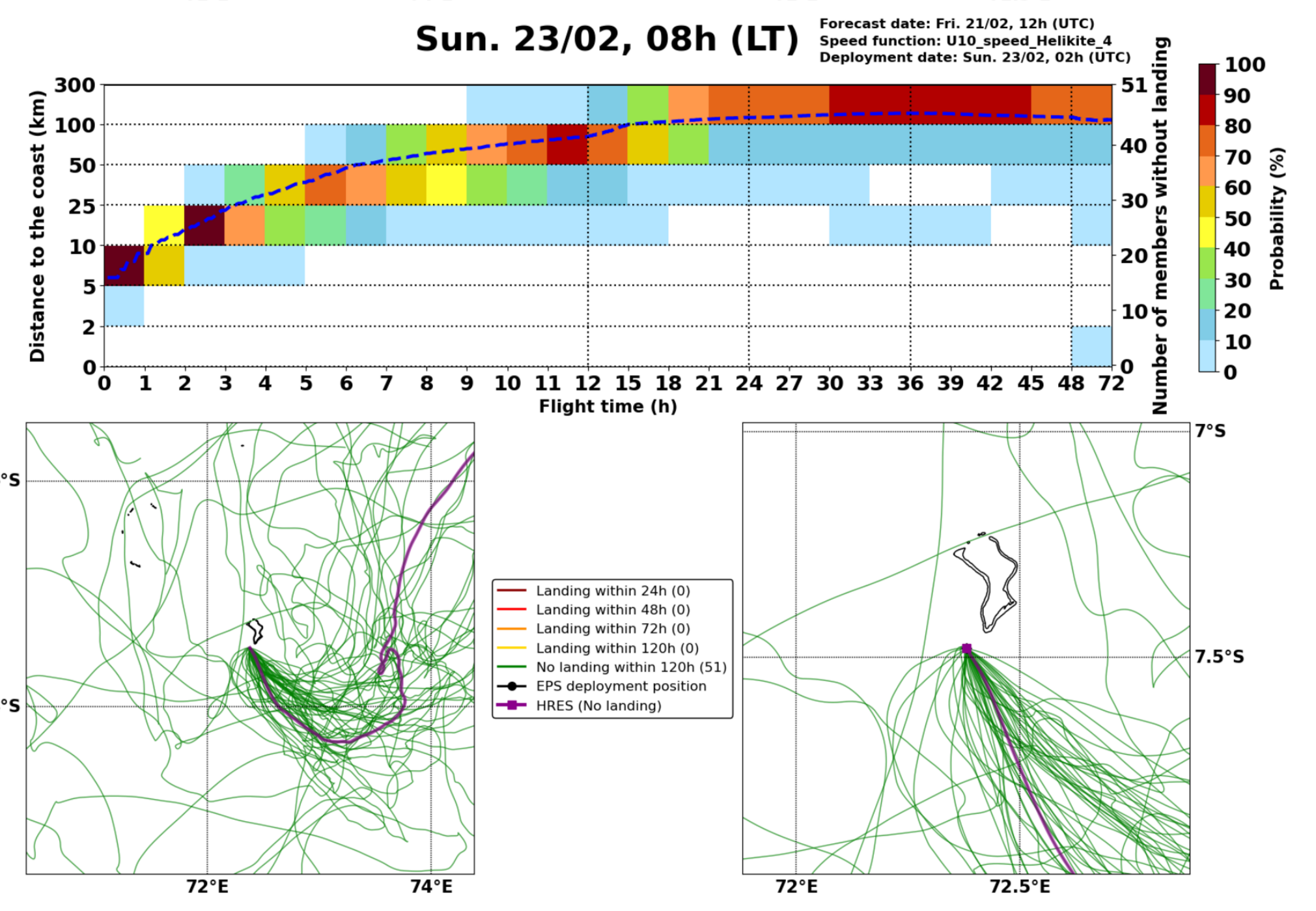

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 22/02, 20h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 14h (UTC)
10°S
20°S
30°S
40°E
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

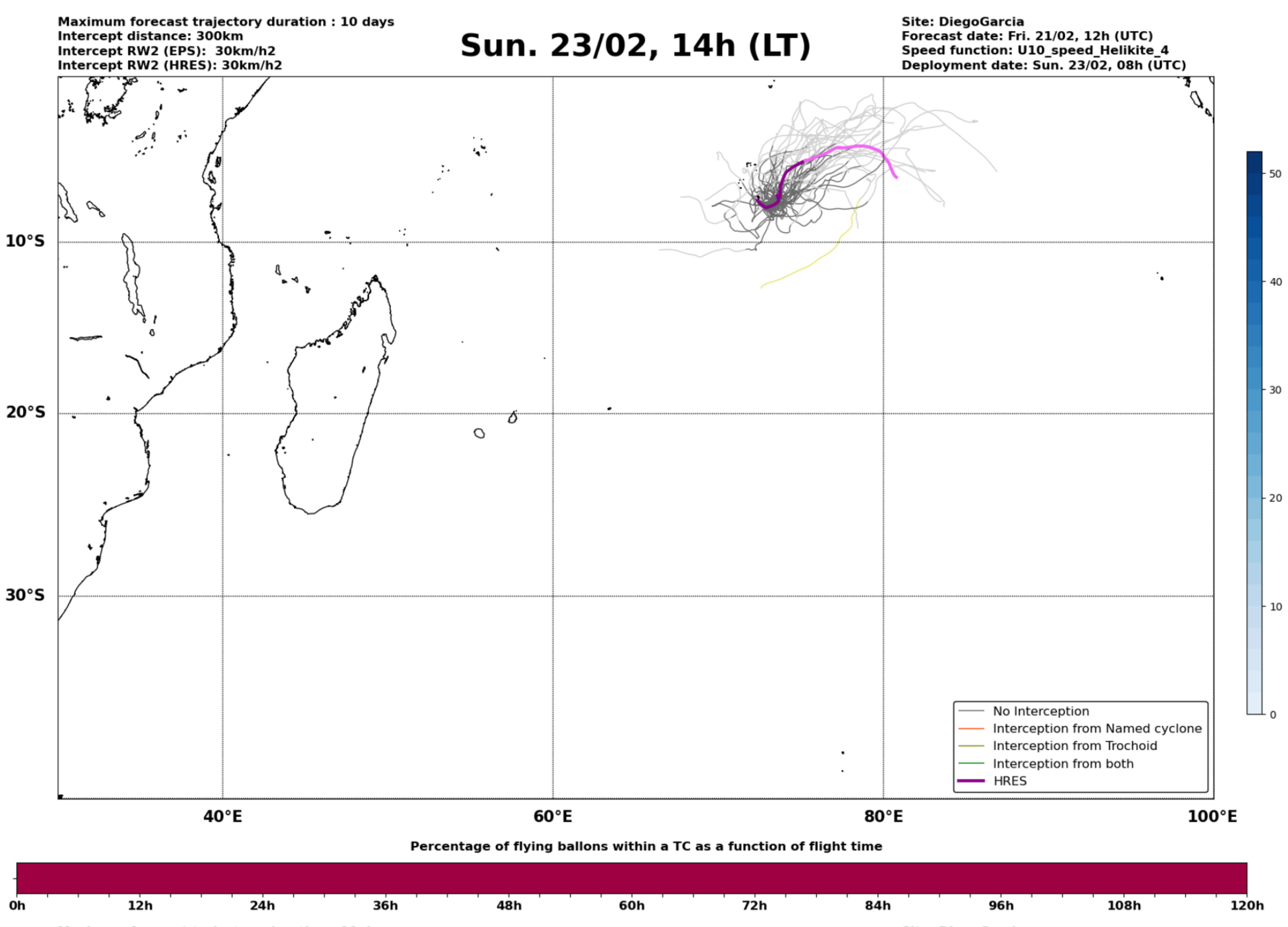

Sat. 22/02, 20h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
6°S
8°S
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (50)
EPS deployment position
HRES (No landing)

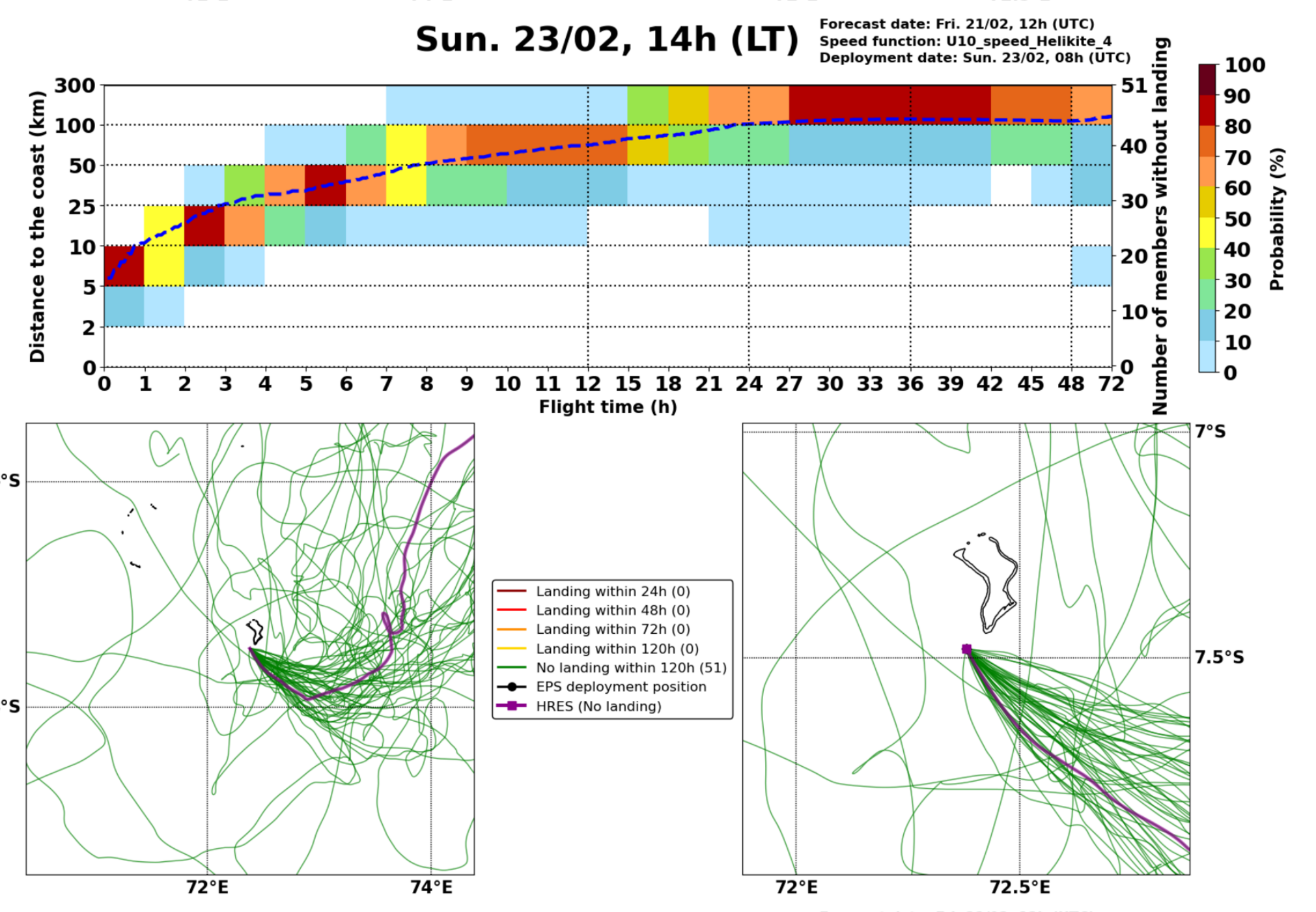

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 23/02, 02h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 20h (UTC)
10°S
20°S
30°S
40°E
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

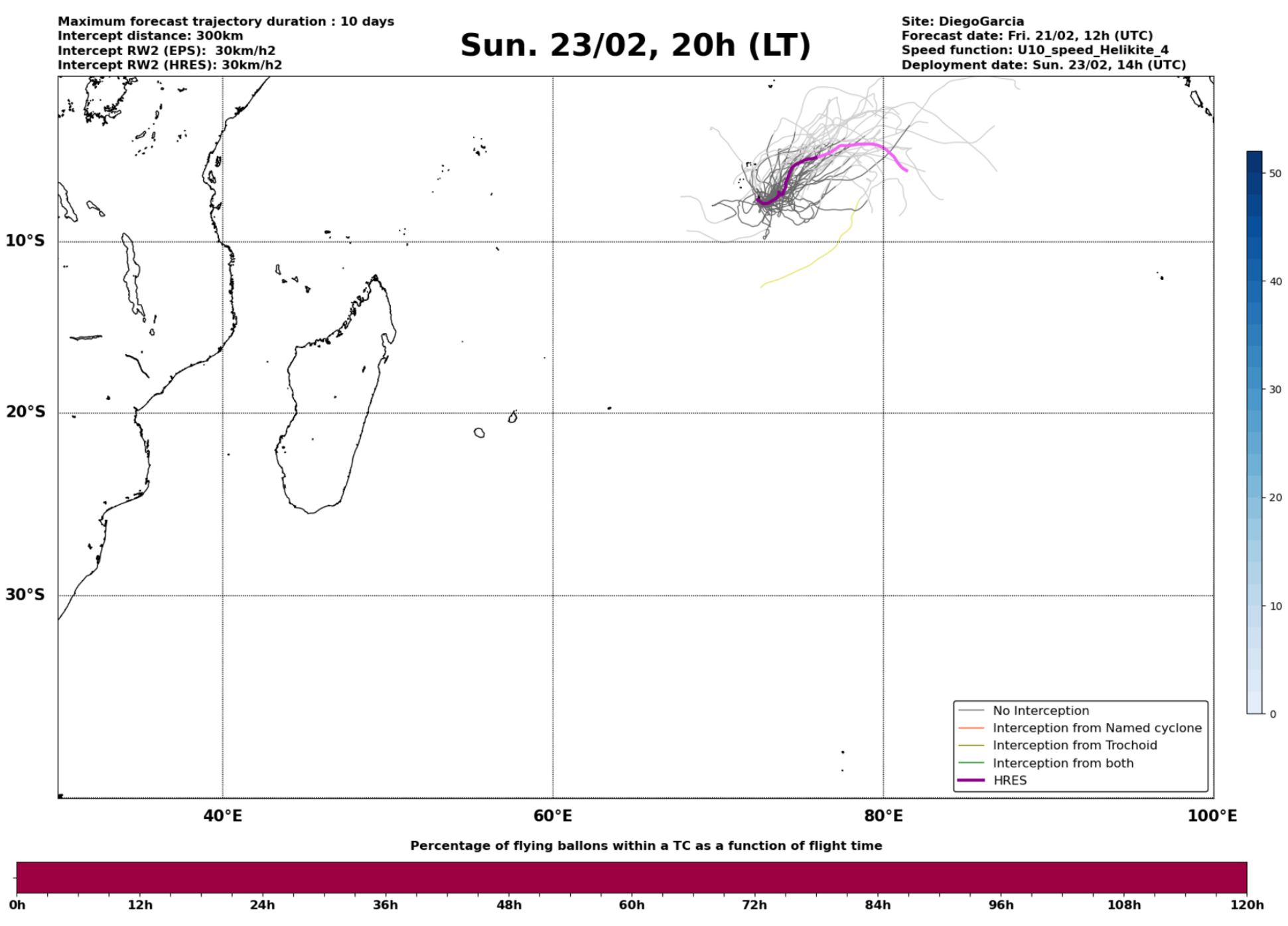

Sun. 23/02, 02h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sat. 22/02, 20h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (1)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (50)
EPS deployment position
HRES (No landing)

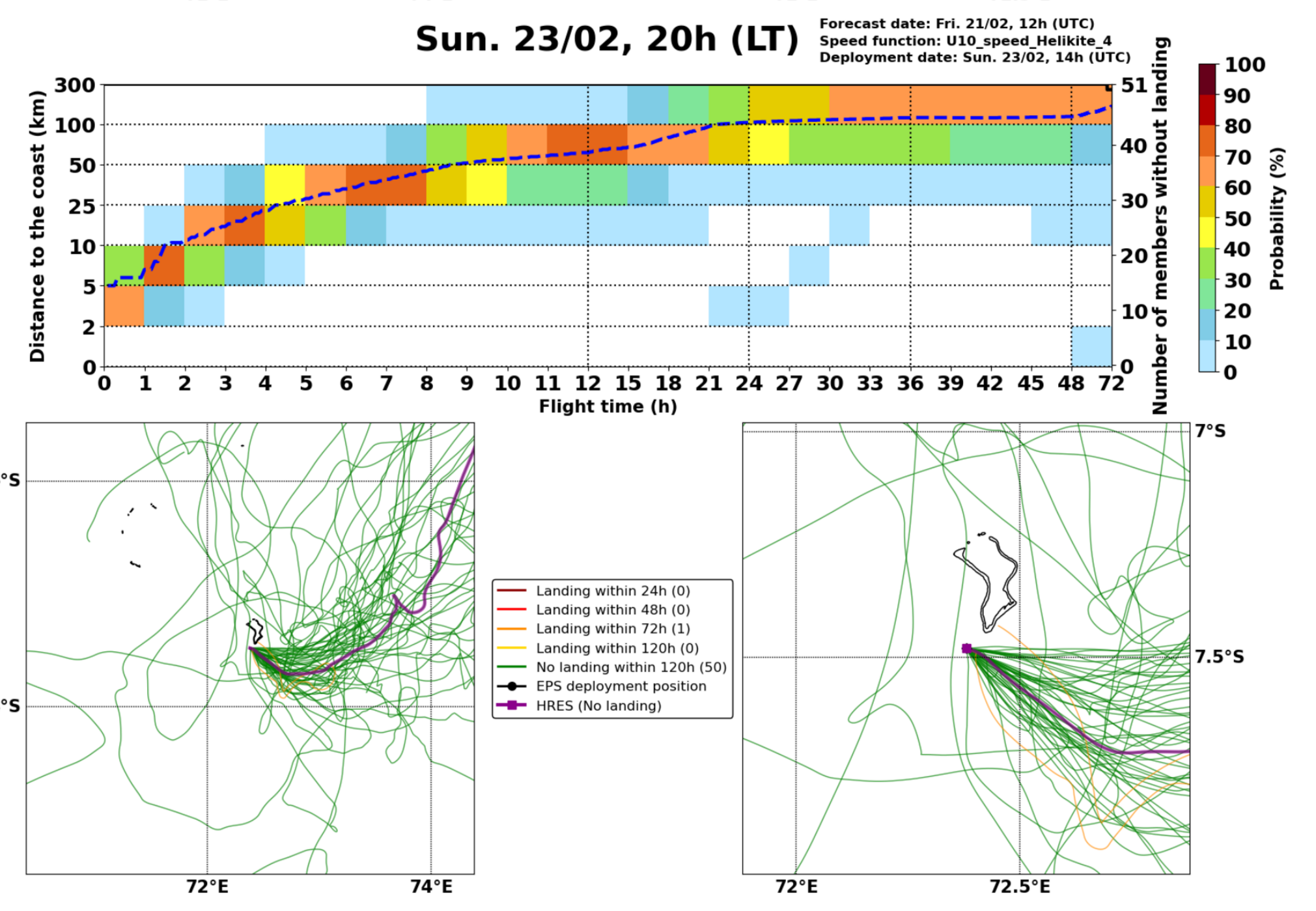

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 23/02, 08h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sun. 23/02, 02h (UTC)
10°S
20°S
30°S
40°E
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

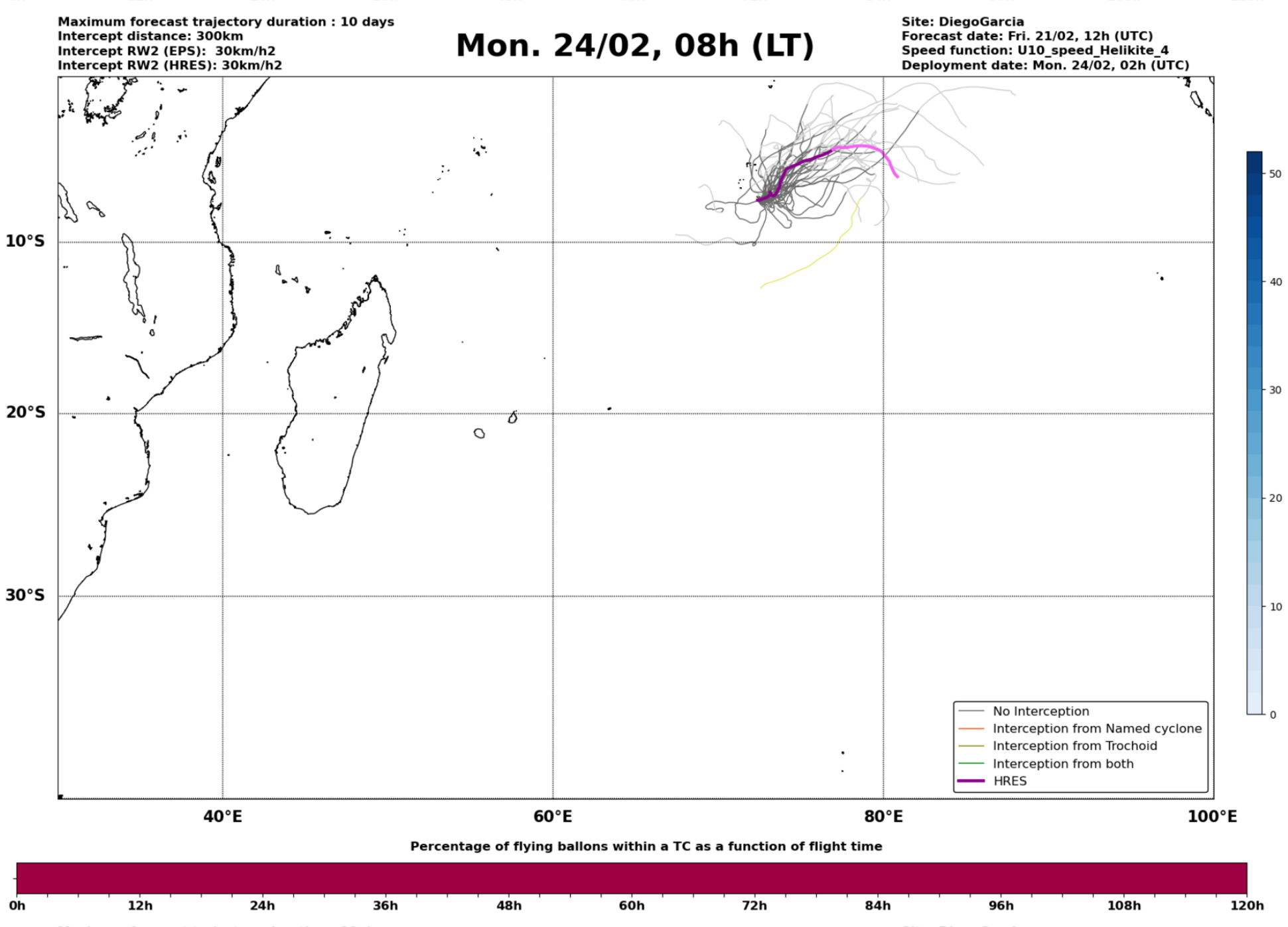

Sun. 23/02, 08h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sun. 23/02, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
6°S
8°S
72°E
74°E
7.5°S
72.5°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

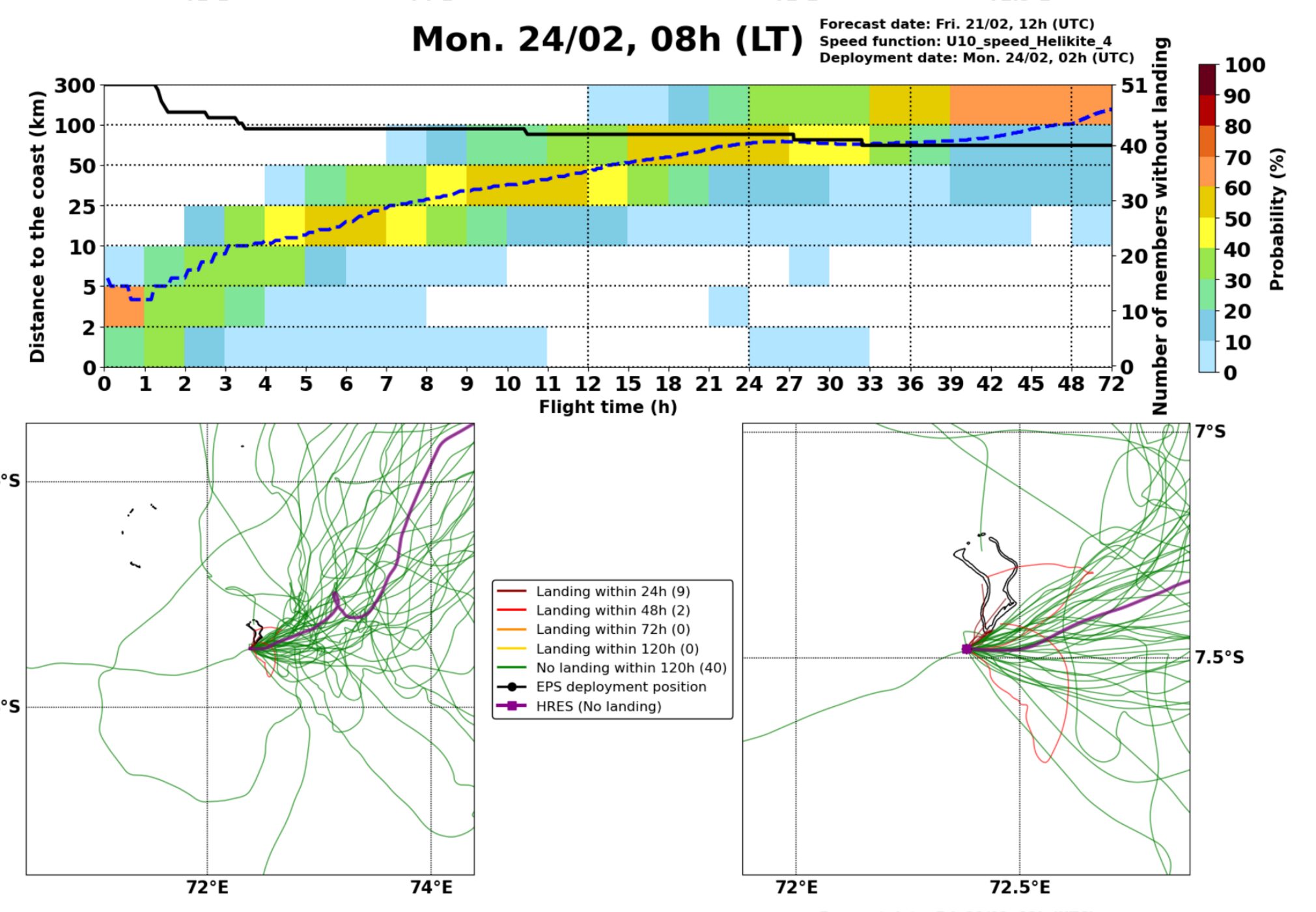

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 23/02, 14h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sun. 23/02, 08h (UTC)
10°S
20°S
30°S
40°E
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

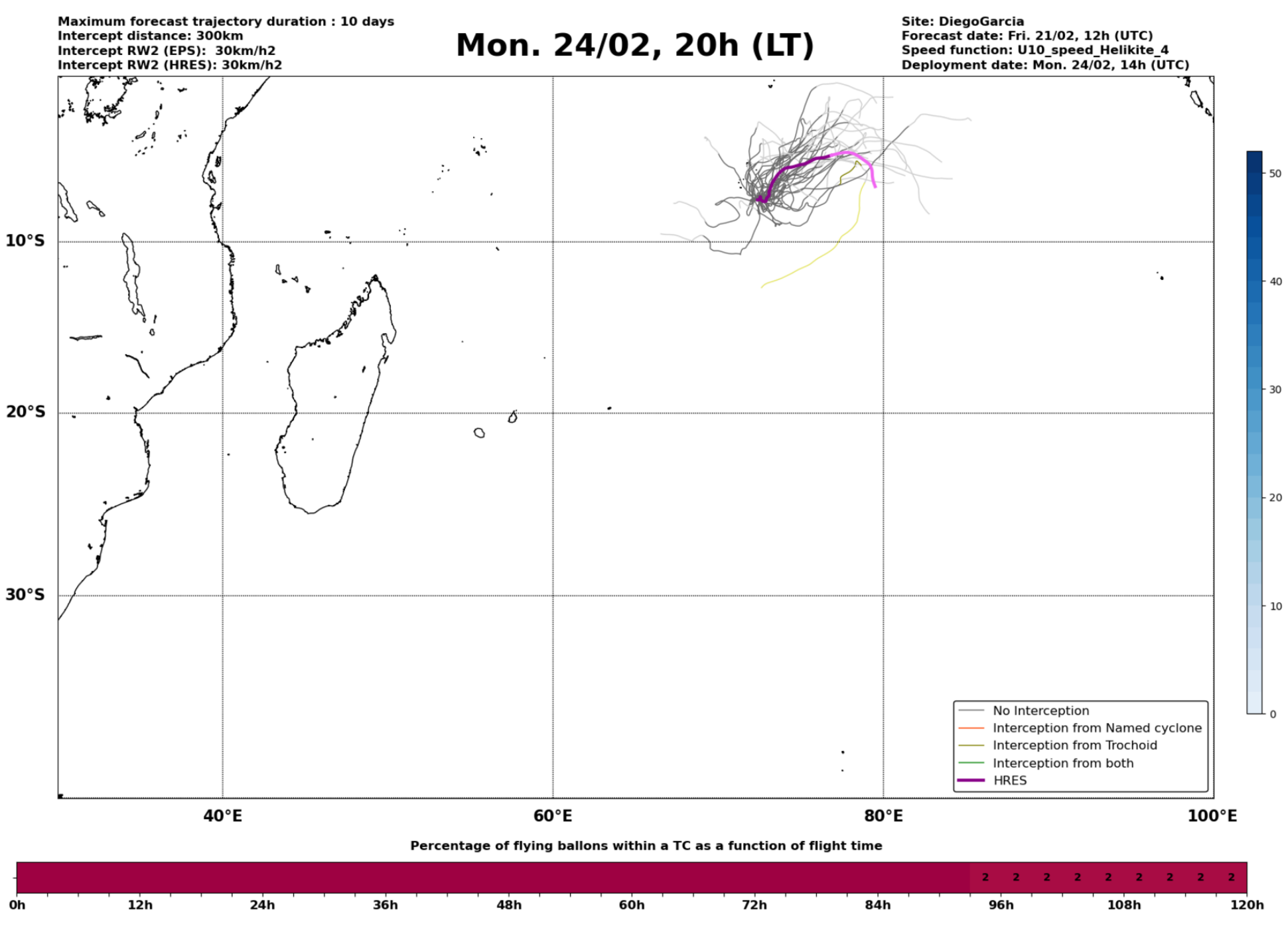

Sun. 23/02, 14h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sun. 23/02, 08h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
6°S
8°S
72°E
74°E
7.5°S
72.5°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (51)
EPS deployment position
HRES (No landing)

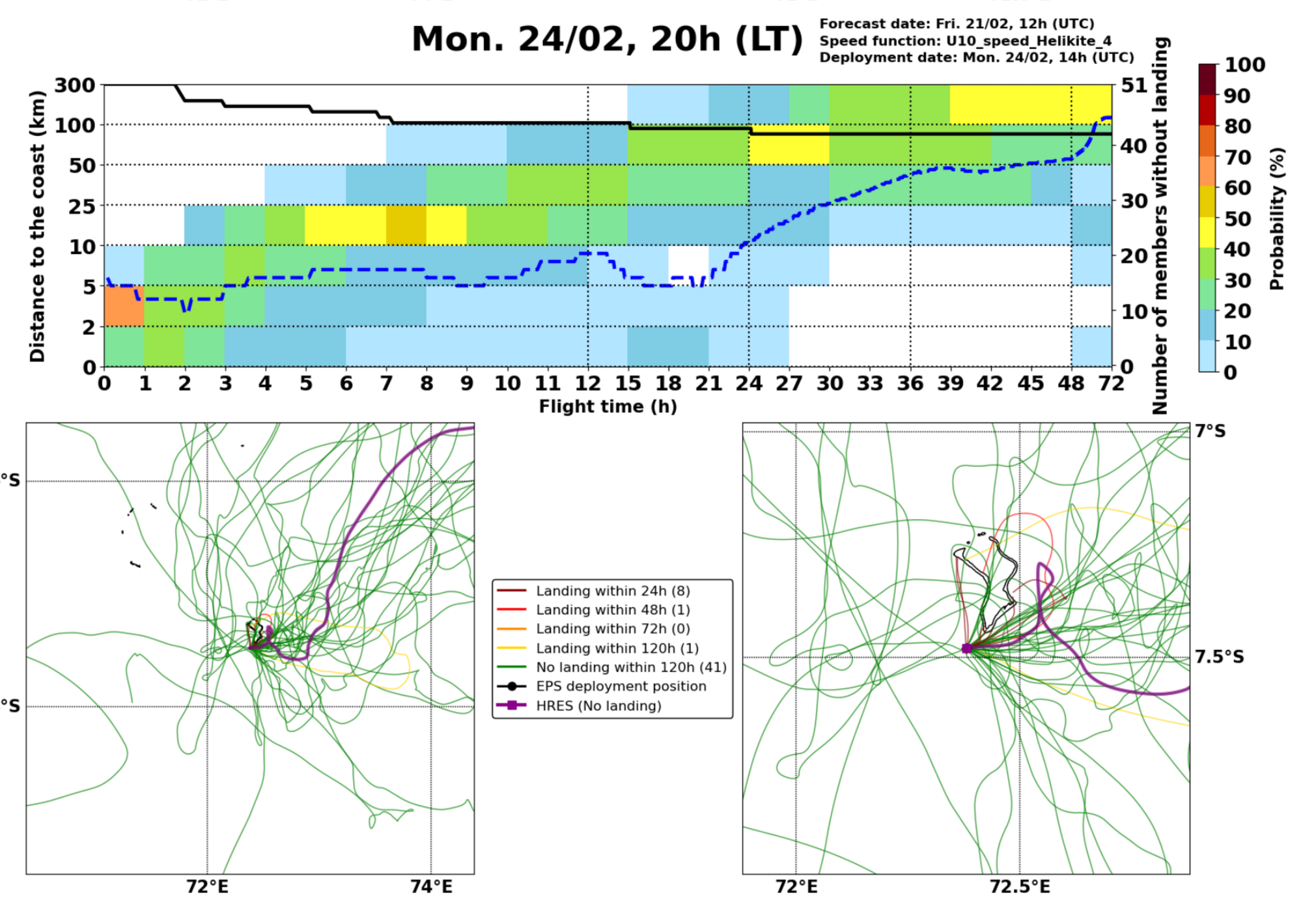

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 23/02, 20h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sun. 23/02, 14h (UTC)
10°S
20°S
30°S
40°E
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

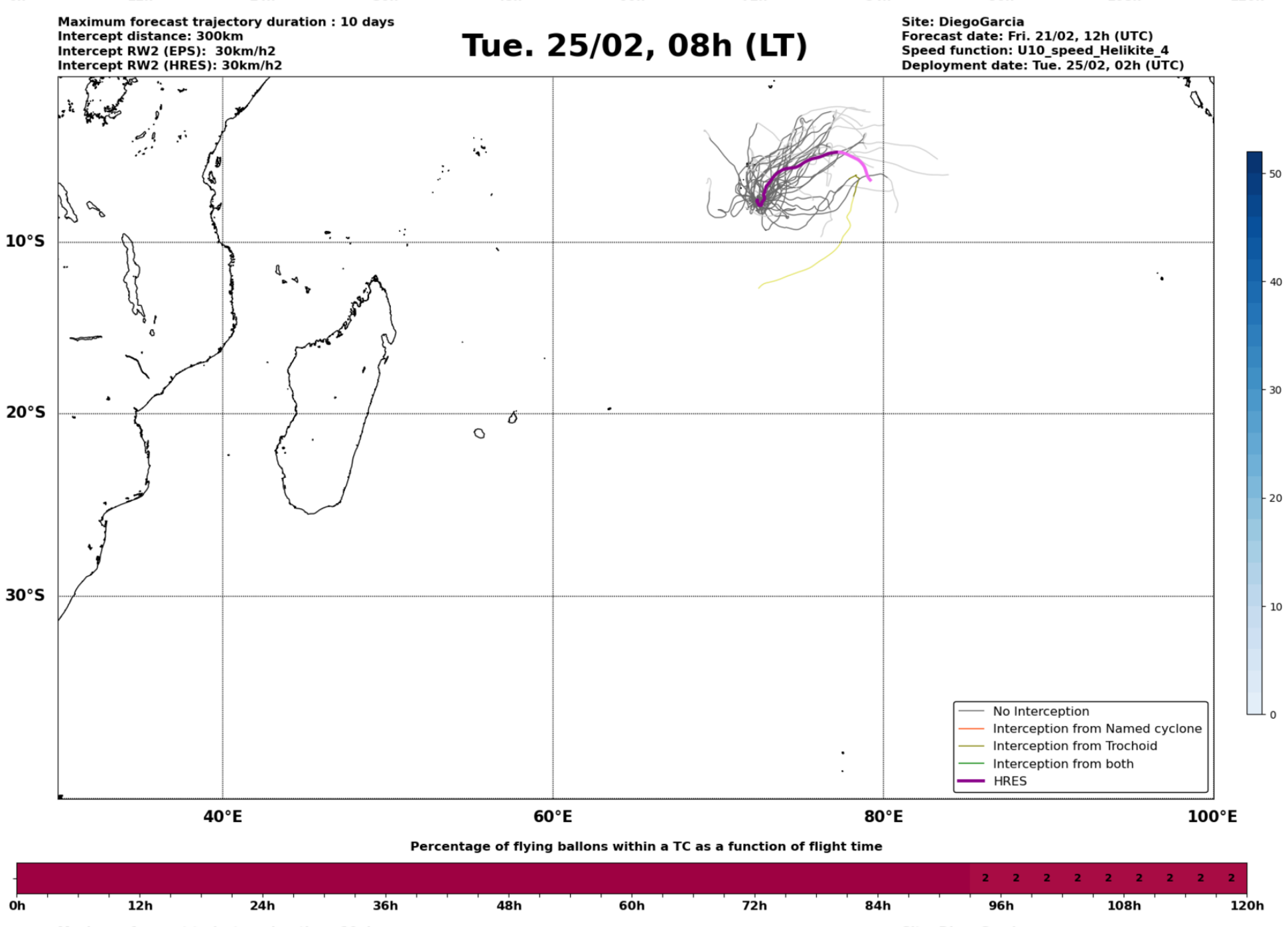

Sun. 23/02, 20h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Sun. 23/02, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
72°E
74°E
7.5°S
72.5°E
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (1)
Landing within 120h (0)
No landing within 120h (50)
EPS deployment position
HRES (No landing)

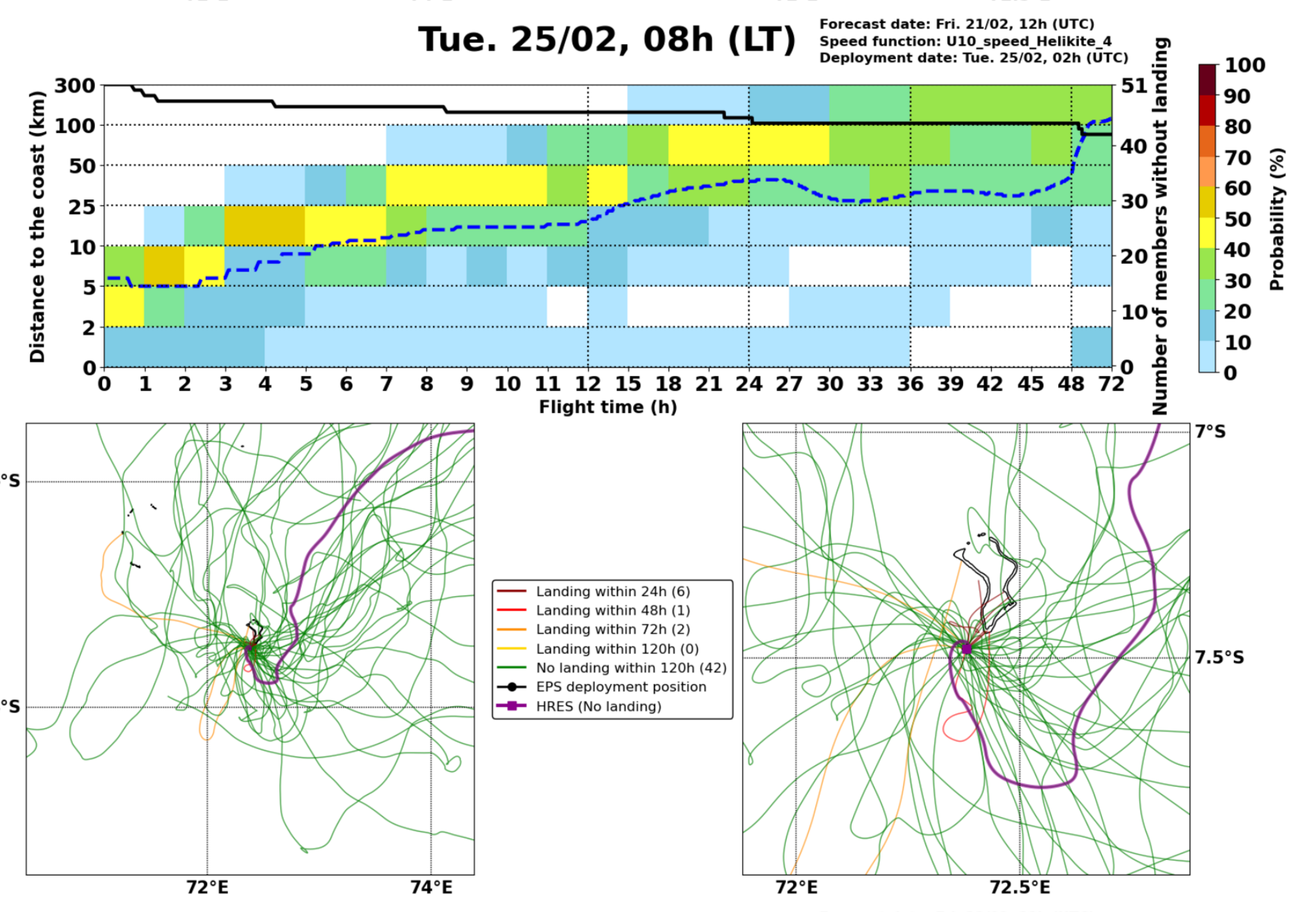

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 24/02, 08h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Mon. 24/02, 02h (UTC)
10°S
20°S
30°S
40°E
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

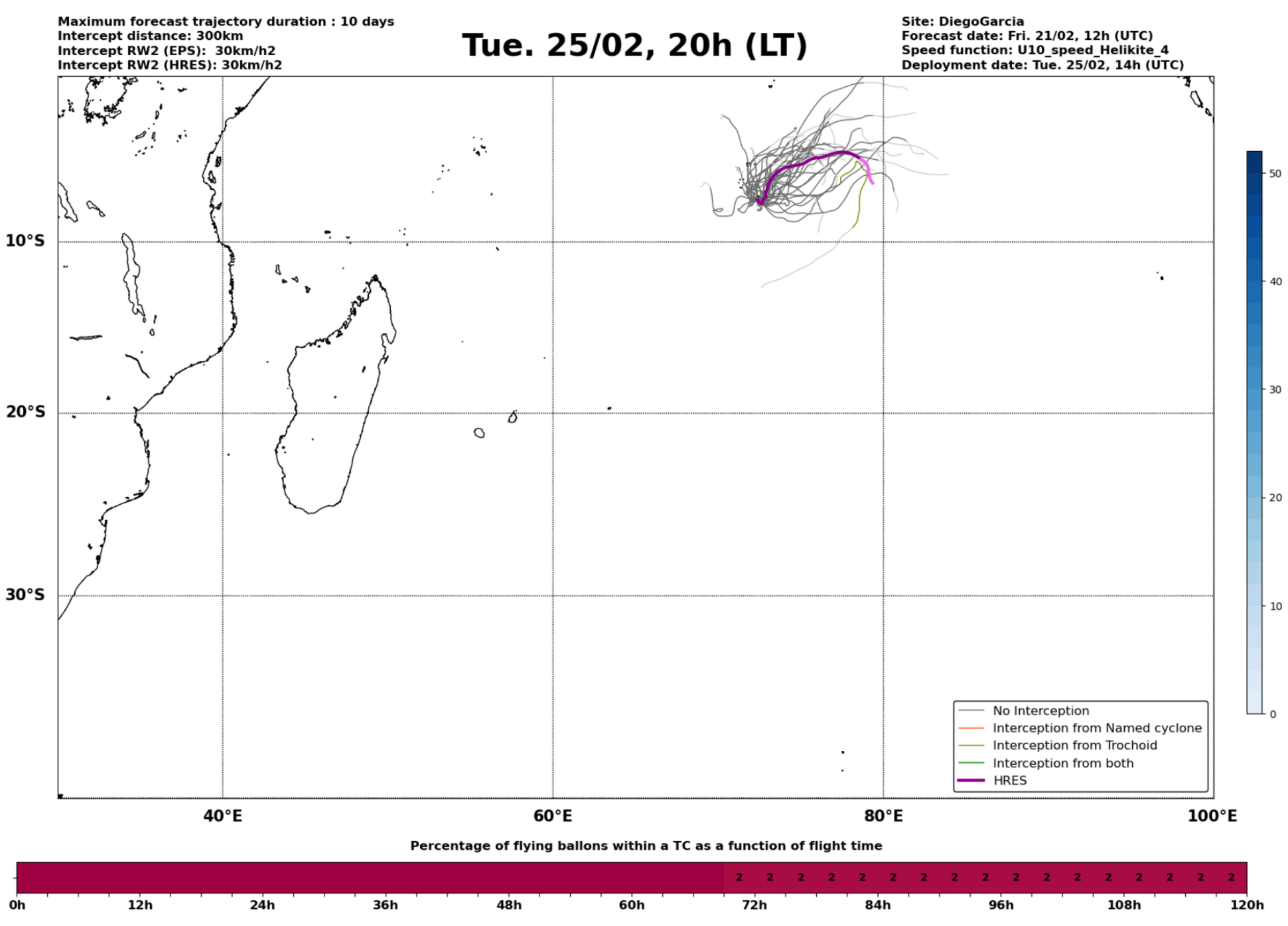

Mon. 24/02, 08h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Mon. 24/02, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (9)
Landing within 48h (2)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (40)
EPS deployment position
HRES (No landing)

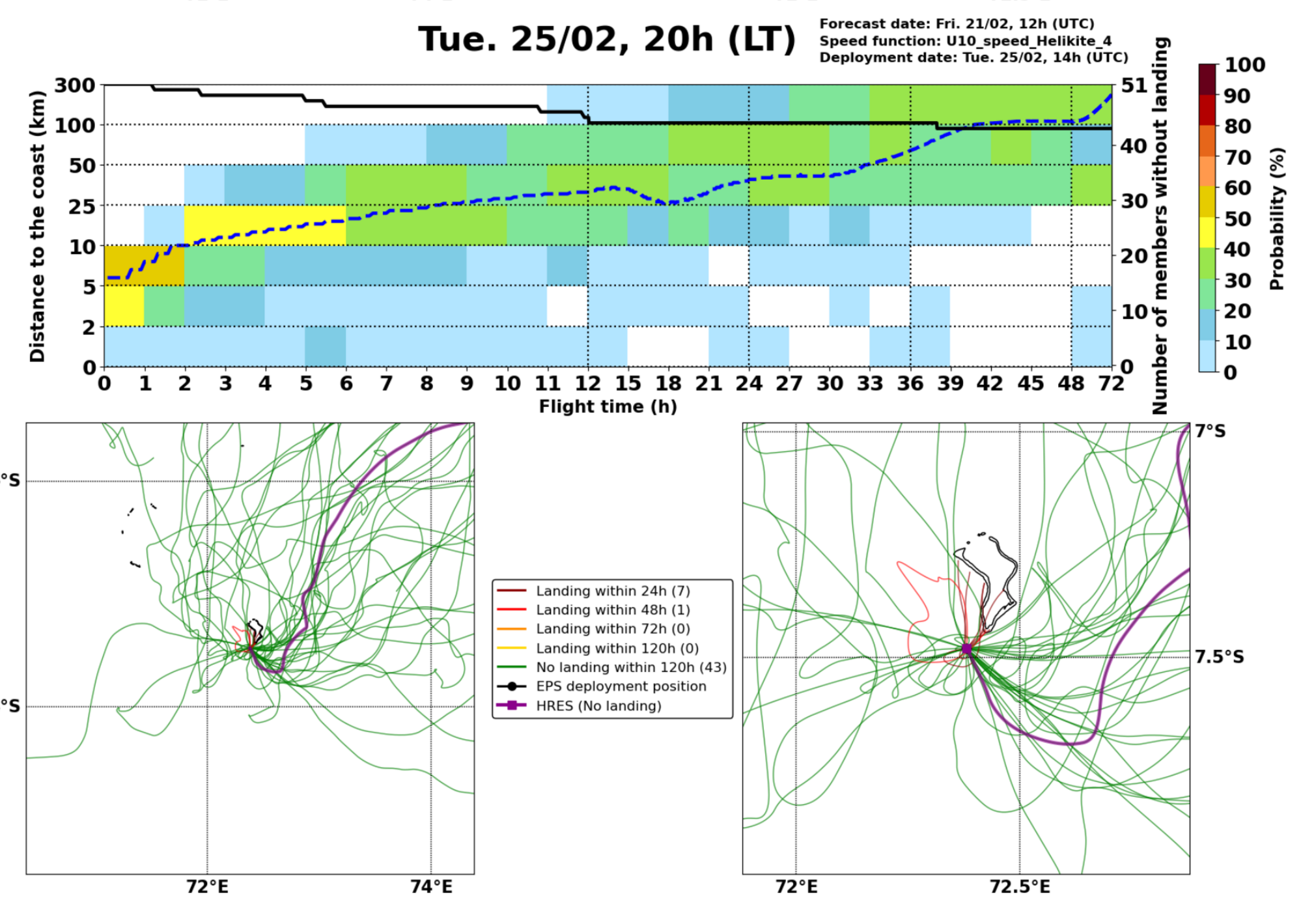

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 24/02, 20h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Mon. 24/02, 14h (UTC)
10°S
20°S
30°S
40°E
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

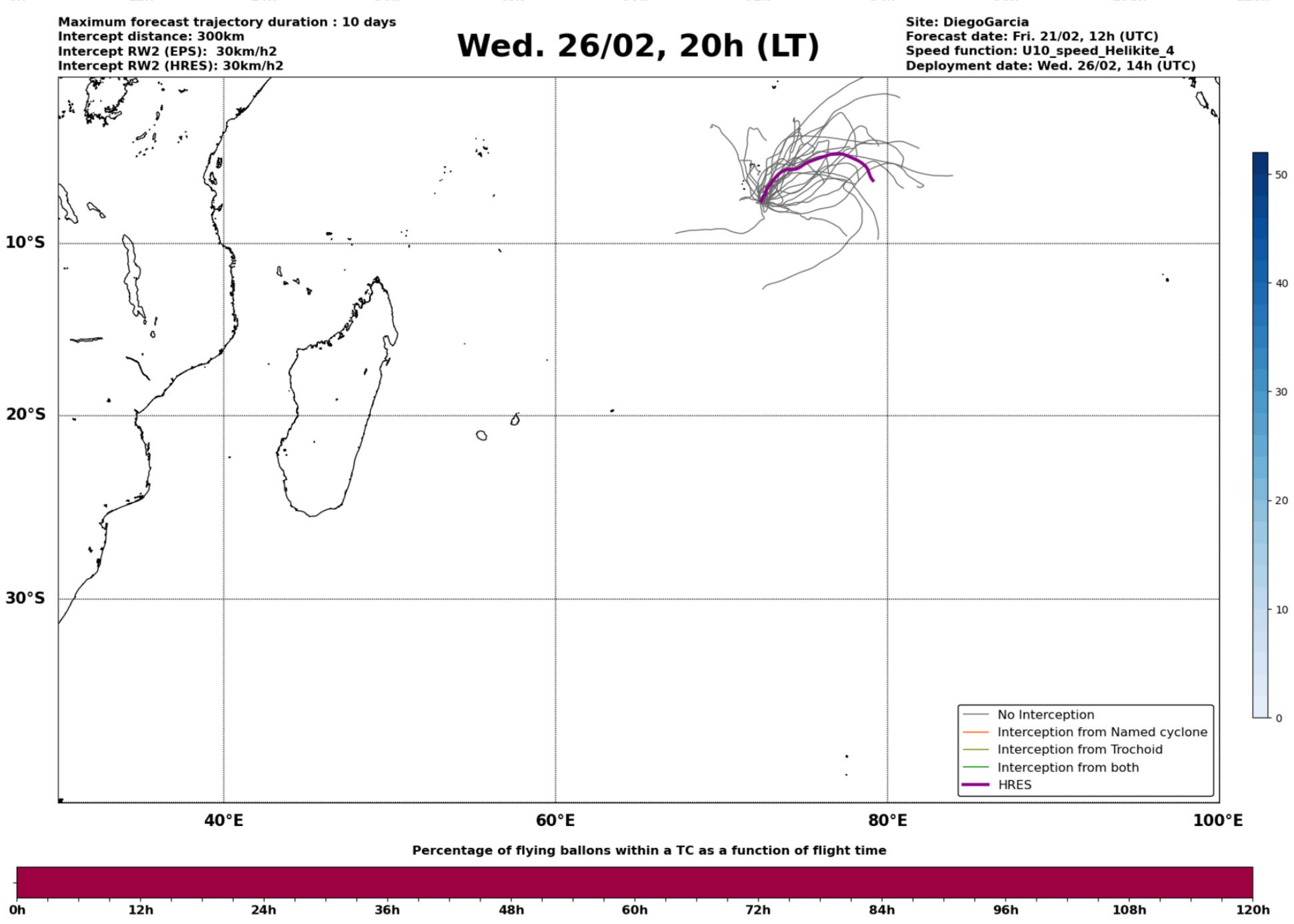

Mon. 24/02, 20h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Mon. 24/02, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
6°S
8°S
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (8)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (41)
EPS deployment position
HRES (No landing)

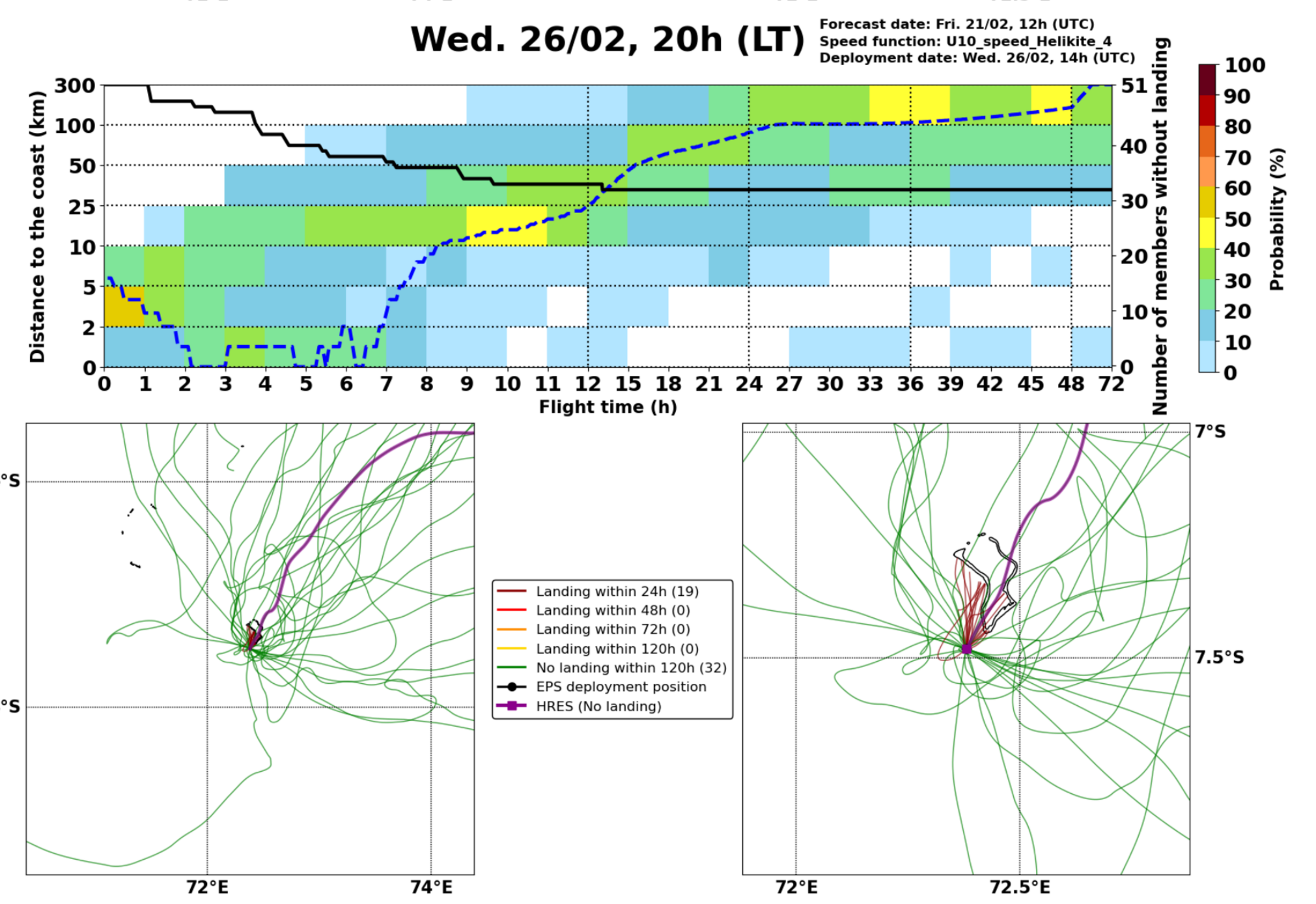

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Tue. 25/02, 08h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Tue. 25/02, 02h (UTC)
10°S
20°S
30°S
40°E
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


Tue. 25/02, 08h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Tue. 25/02, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (6)
Landing within 48h (1)
Landing within 72h (2)
Landing within 120h (0)
No landing within 120h (42)
EPS deployment position
HRES (No landing)


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Tue. 25/02, 20h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Tue. 25/02, 14h (UTC)
10°S
20°S
30°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


Tue. 25/02, 20h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Tue. 25/02, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (7)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (43)
EPS deployment position
HRES (No landing)


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 30km/h2
Intercept RW2 (HRES): 30km/h2
Wed. 26/02, 20h (LT)
Site: DiegoGarcia
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Wed. 26/02, 14h (UTC)
10°S
20°S
30°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


Wed. 26/02, 20h (LT)
Forecast date: Fri. 21/02, 12h (UTC)
Speed function: U10_speed_Helikite_4
Deployment date: Wed. 26/02, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
6°S
8°S
72°E
74°E
7°S
7.5°S
72.5°E
Landing within 24h (19)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (32)
EPS deployment position
HRES (No landing)