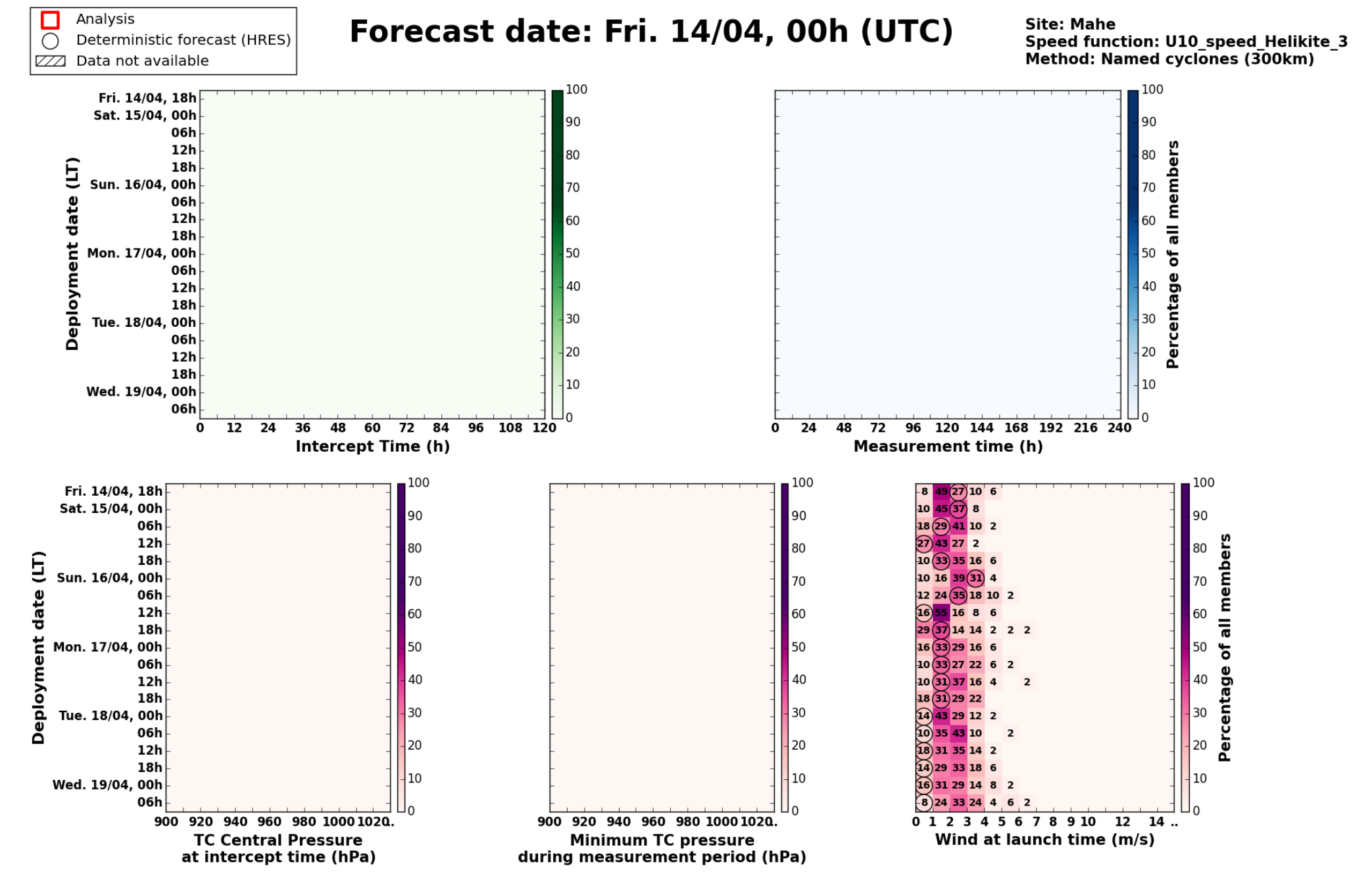
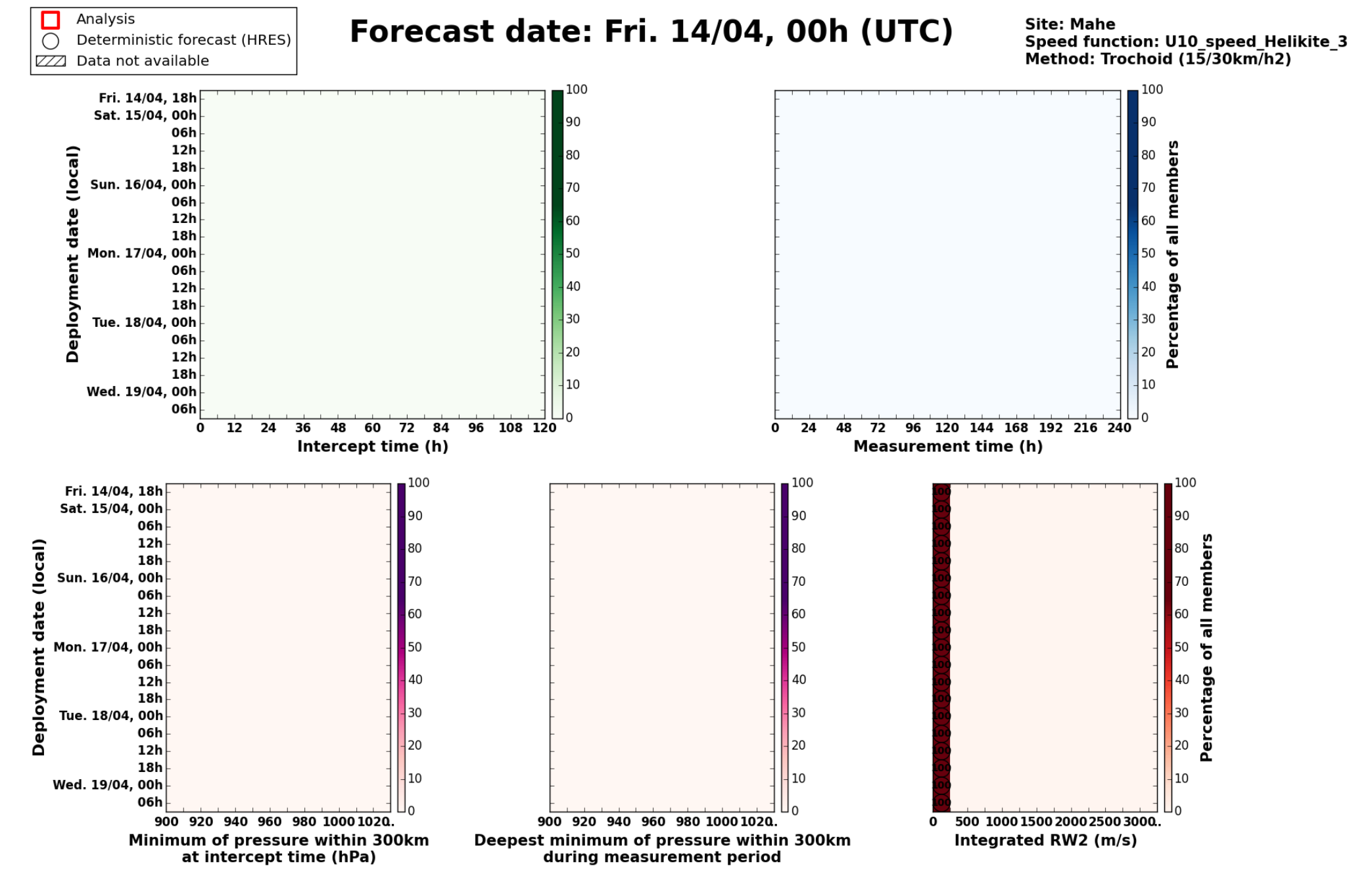
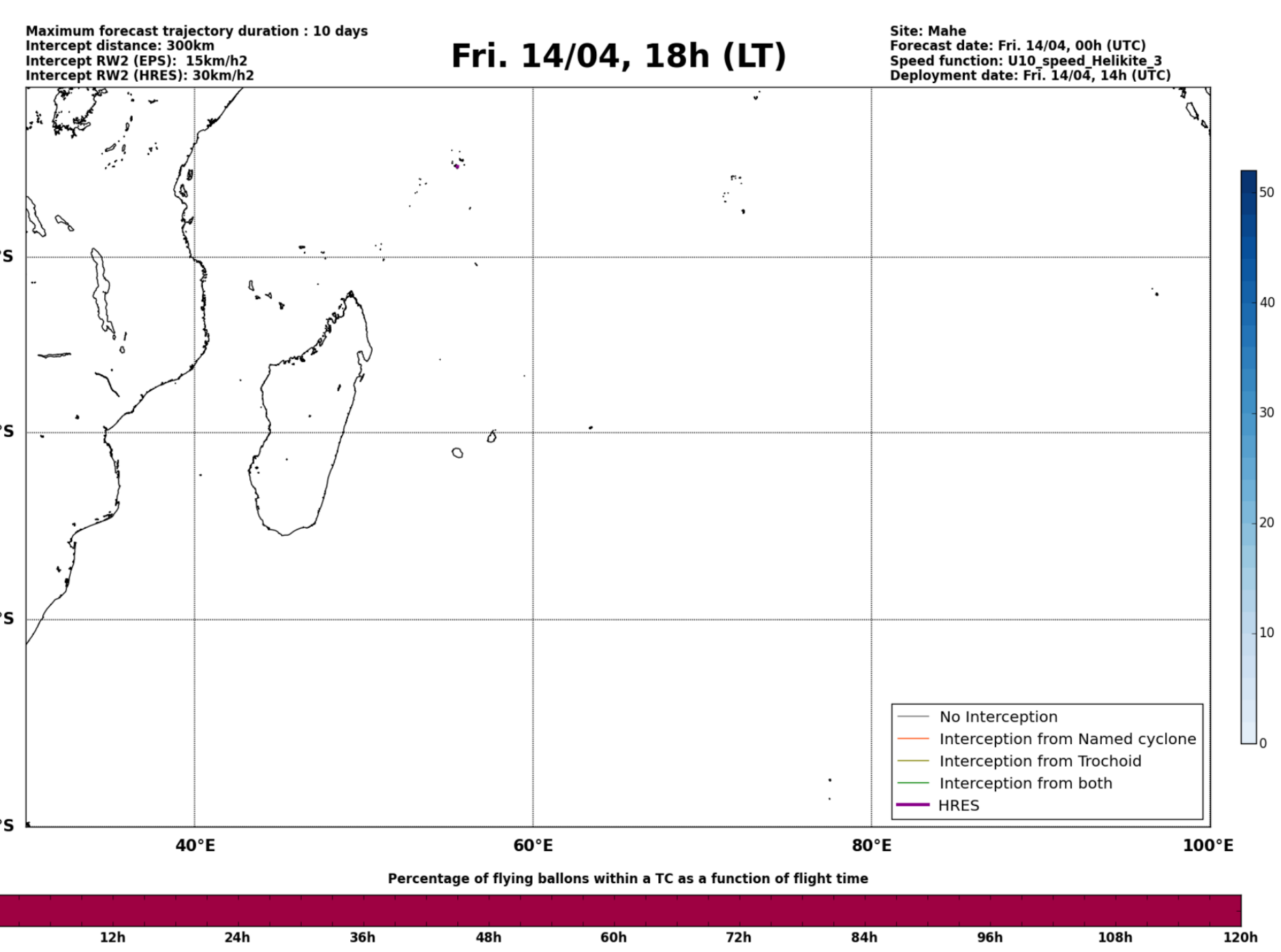
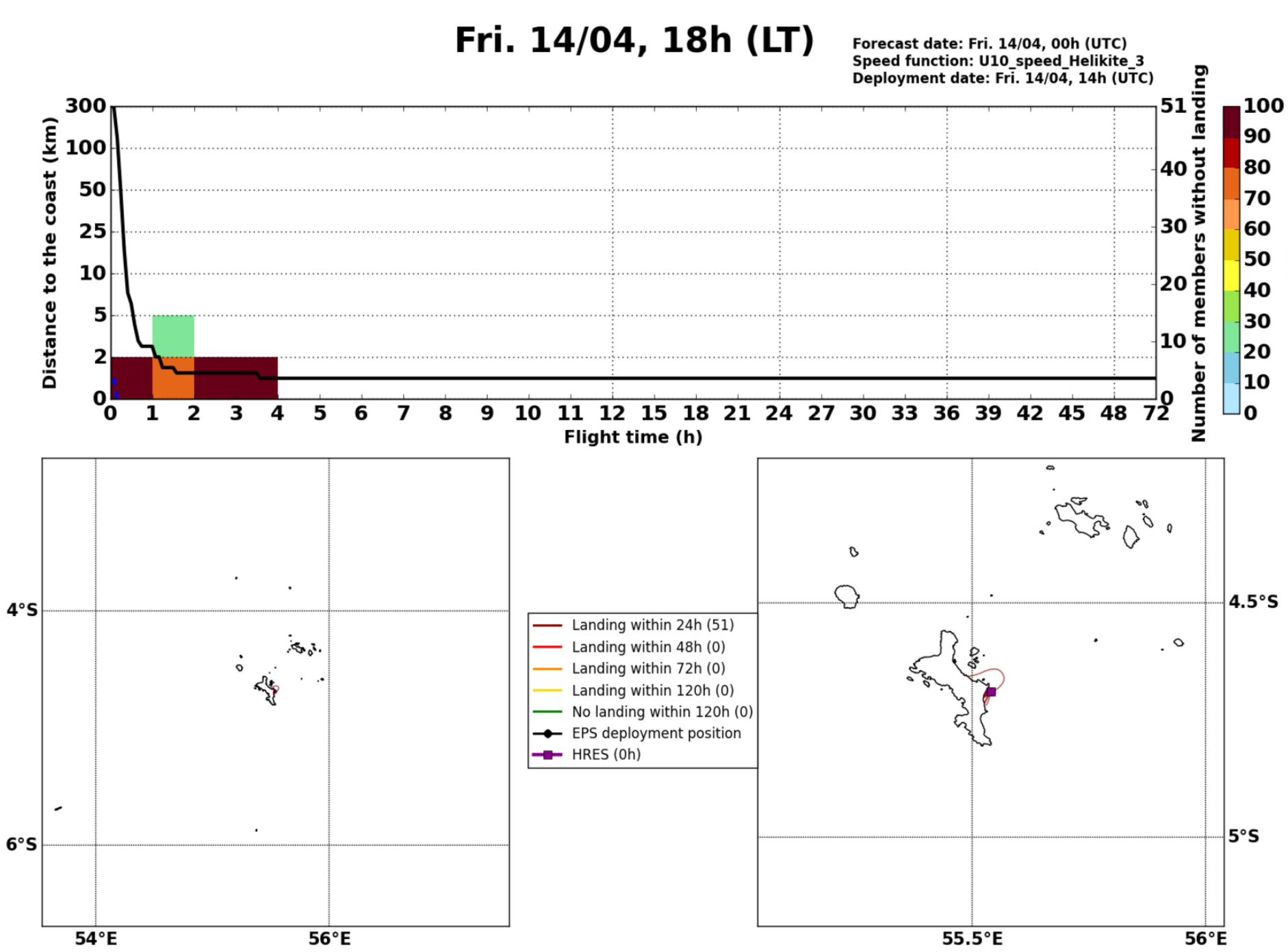
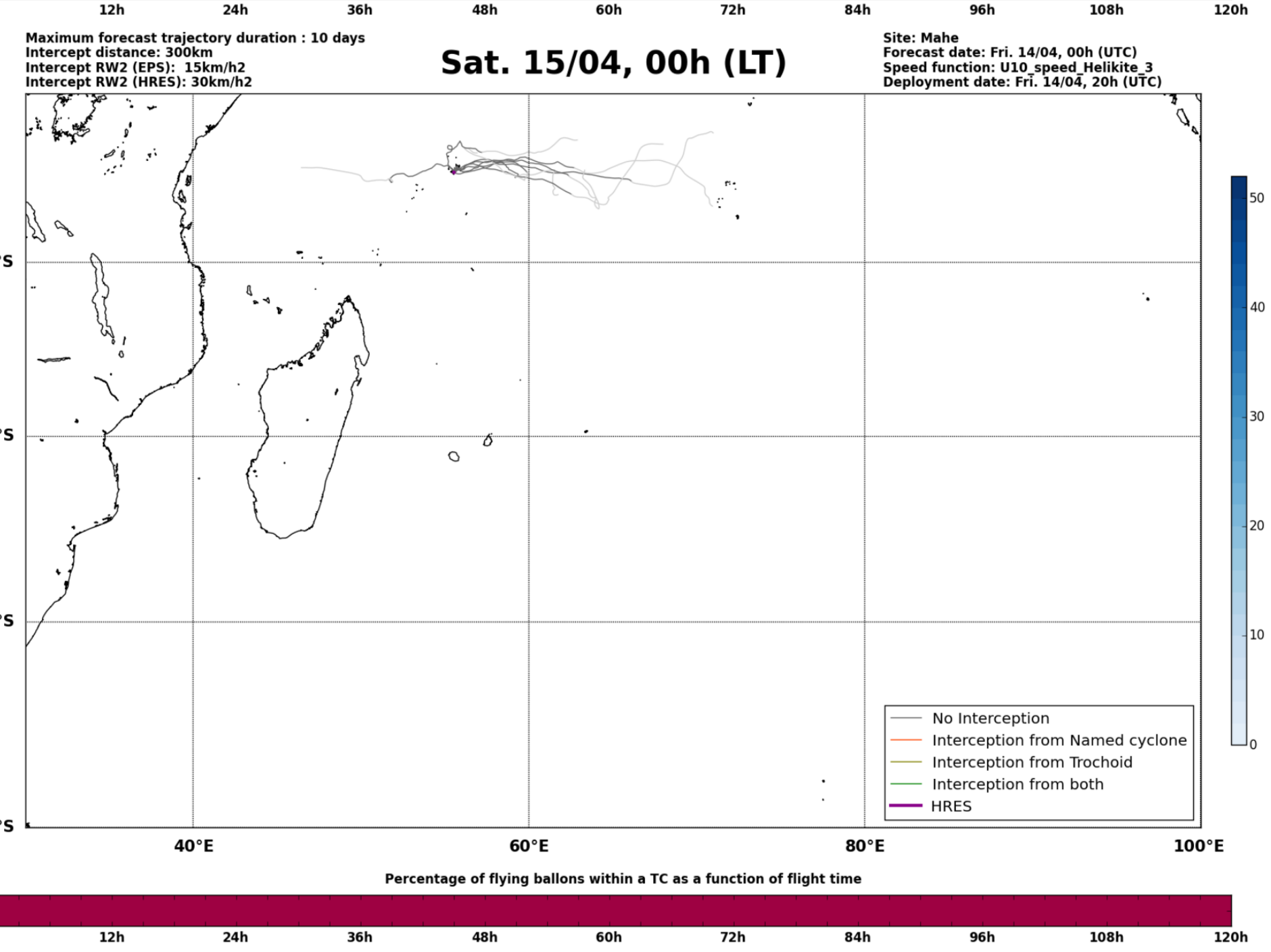
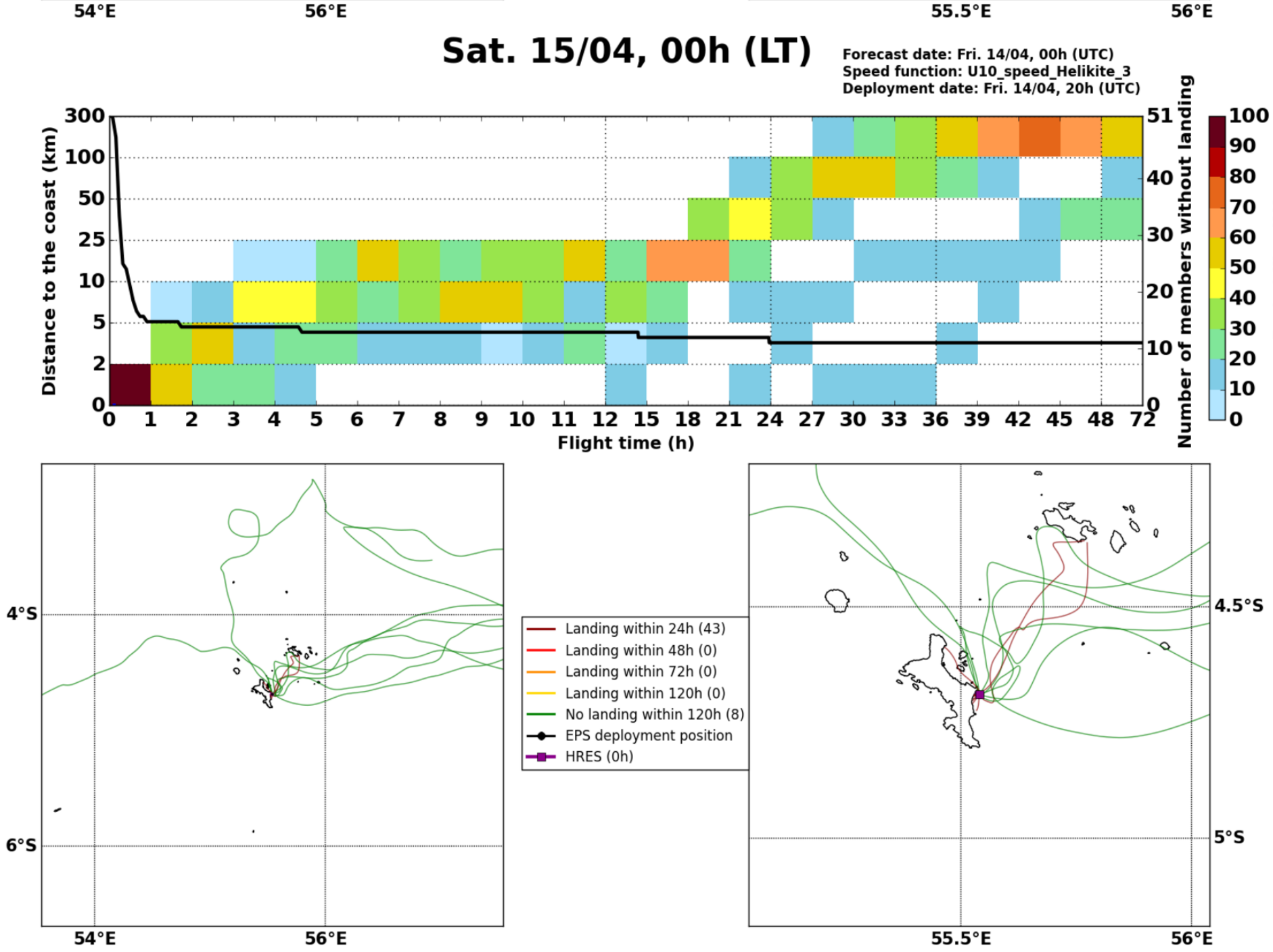

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Fri. 14/04, 00h (UTC)
Site: Mahe
Speed function: U10_speed_Helikite_3
Method: Named cyclones (300km)
Deployment date (LT)
Fri. 14/04, 18h
Sat. 15/04, 00h
06h
12h
18h
Sun. 16/04, 00h
06h
12h
18h
Mon. 17/04, 00h
06h
12h
18h
Tue. 18/04, 00h
06h
12h
18h
Wed. 19/04, 00h
06h
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)
8 49 27 10 6
10 45 37 8
18 29 41 10 2
27 43 27 2
10 33 35 16 6
10 16 39 31 4
12 24 35 18 10 2
16 55 16 8 6
29 37 14 14 2 2 2
16 33 29 16 6
10 33 27 22 6 2
10 31 37 16 4 2
18 31 29 22
14 43 29 12 2
10 35 43 10 2
18 31 35 14 2
14 29 33 18 6
16 31 29 14 8 2
8 24 33 24 4 6 2

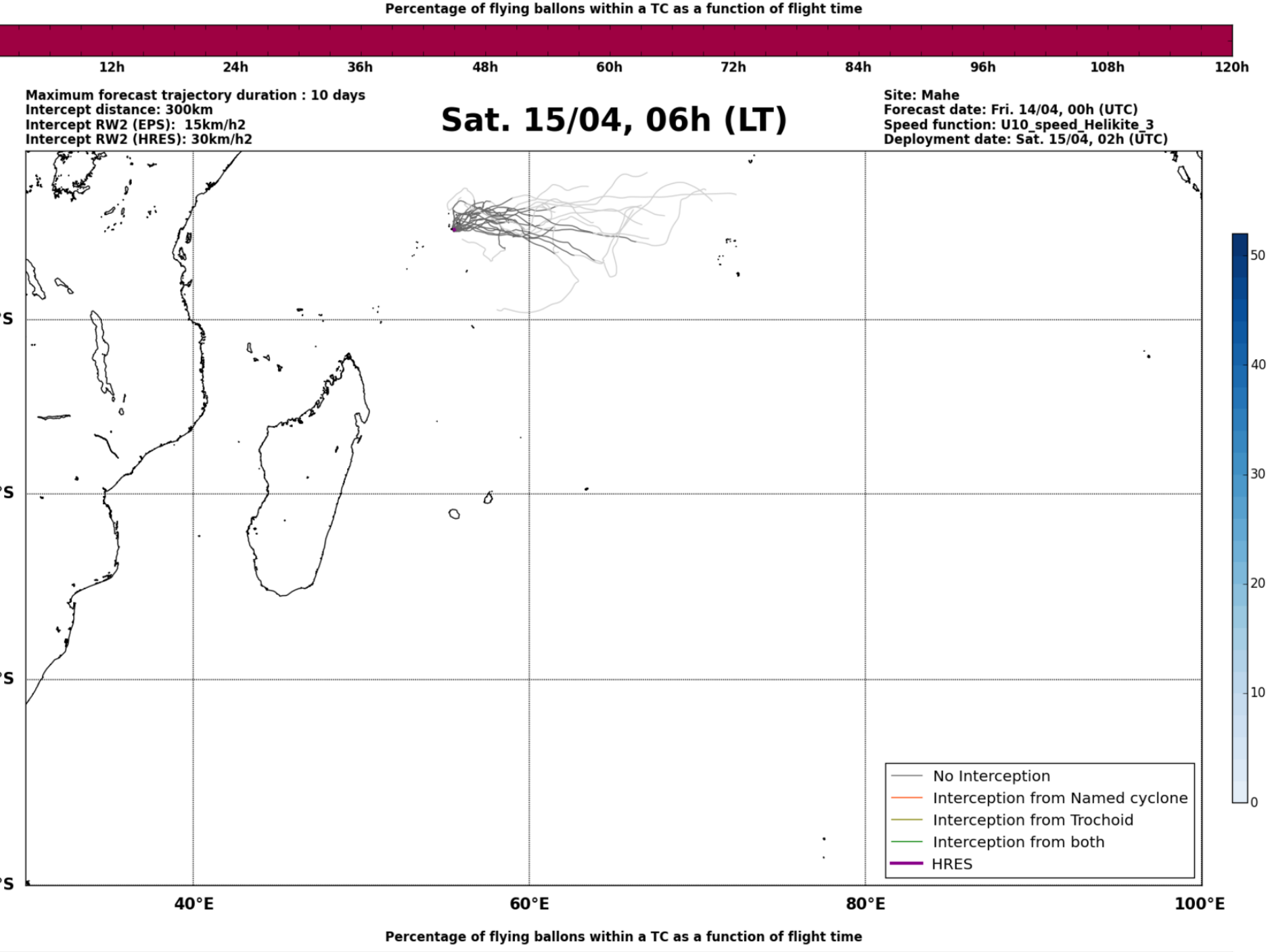

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Fri. 14/04, 00h (UTC)
Site: Mahe
Speed function: U10_speed_Helikite_3
Method: Trochoid (15/30km/h2)
Deployment date (local)
Intercept time (h)
Measurement time (h)
Percentage of all members
Minimum of pressure within 300km at intercept time (hPa)
Deepest minimum of pressure within 300km during measurement period
Integrated RW2 (m/s)

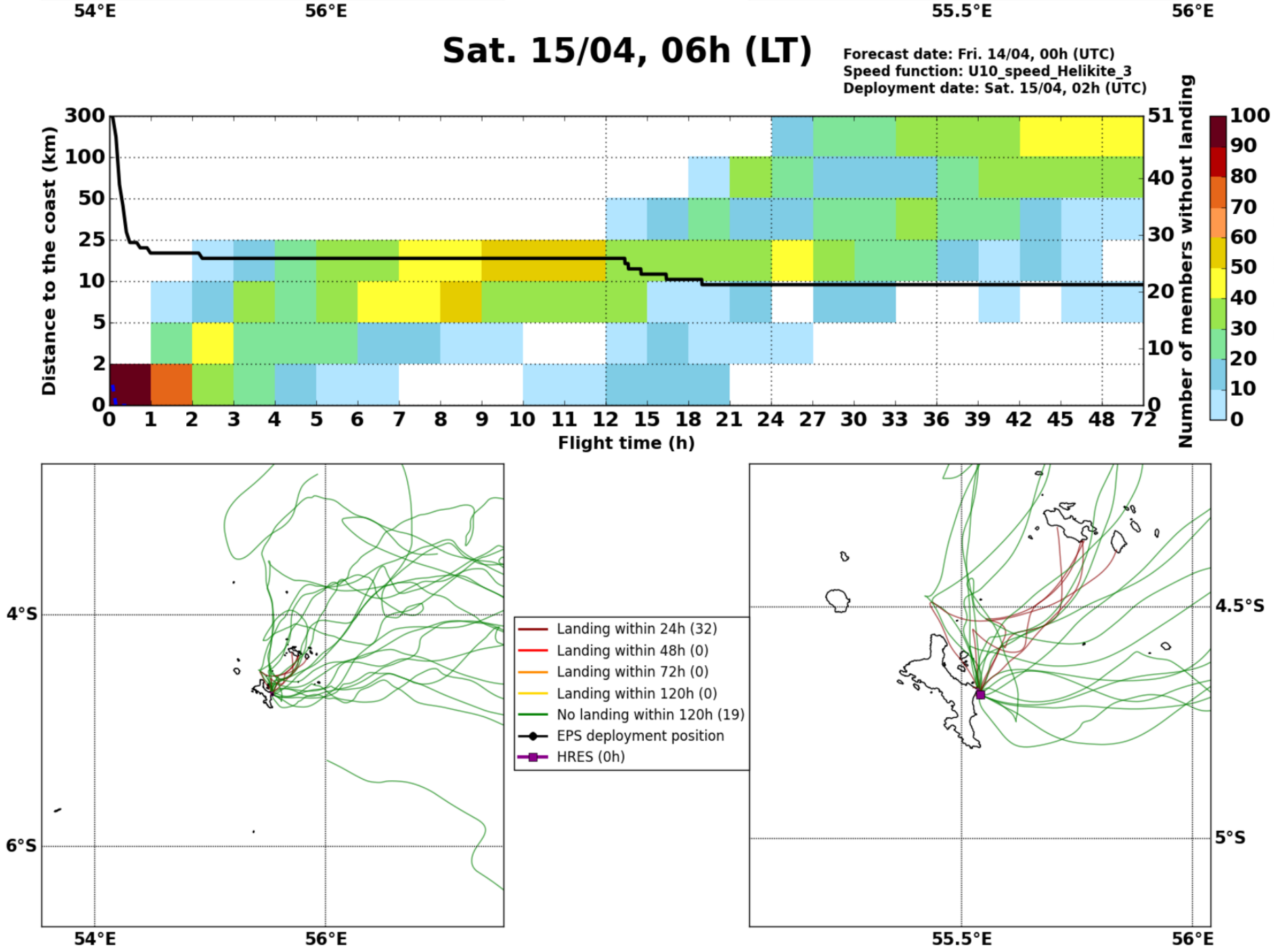

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Fri. 14/04, 18h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 14/04, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

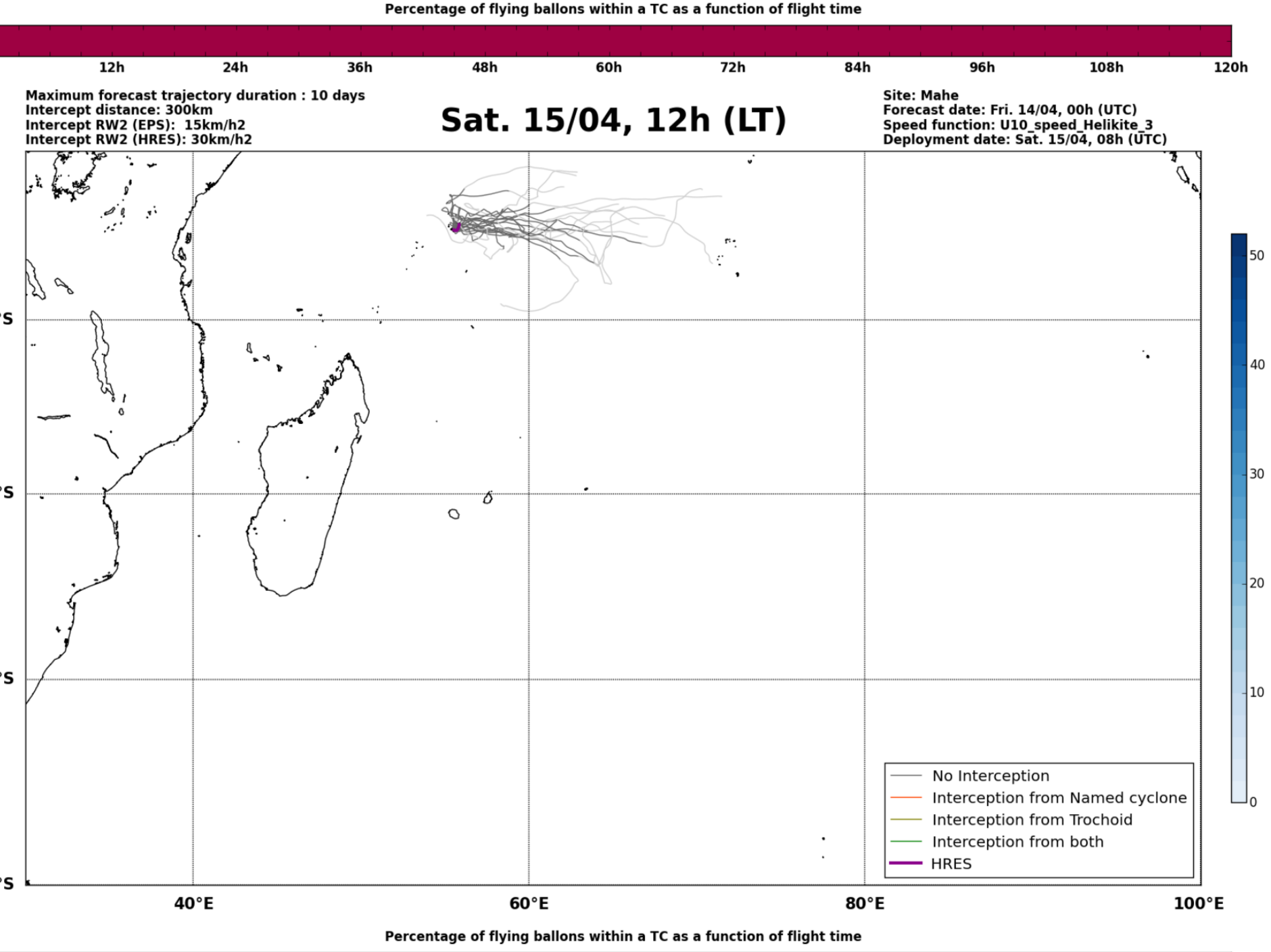

Fri. 14/04, 18h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 14/04, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (51)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (0)
EPS deployment position
HRES (0h)

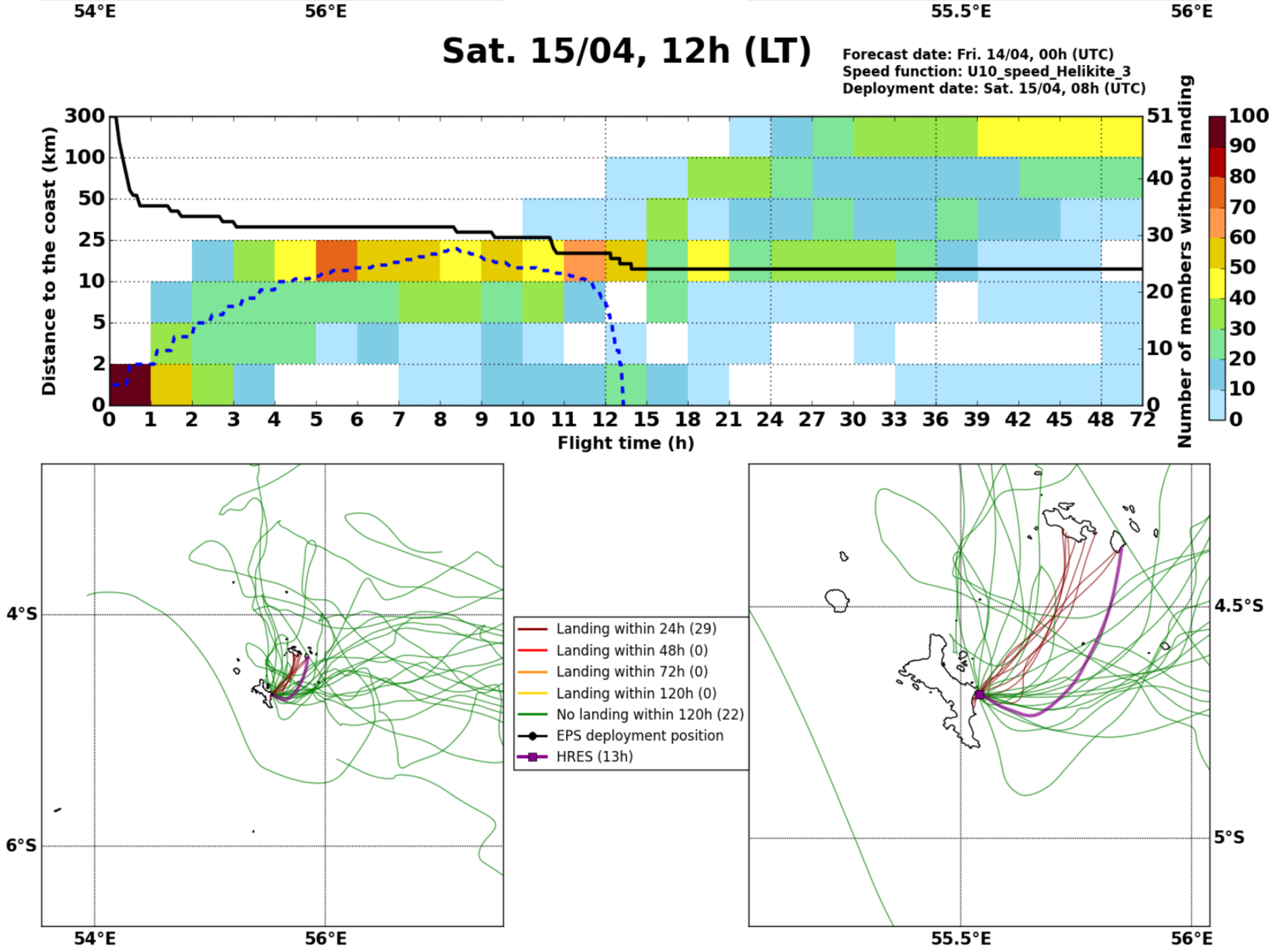

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 15/04, 00h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 14/04, 20h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

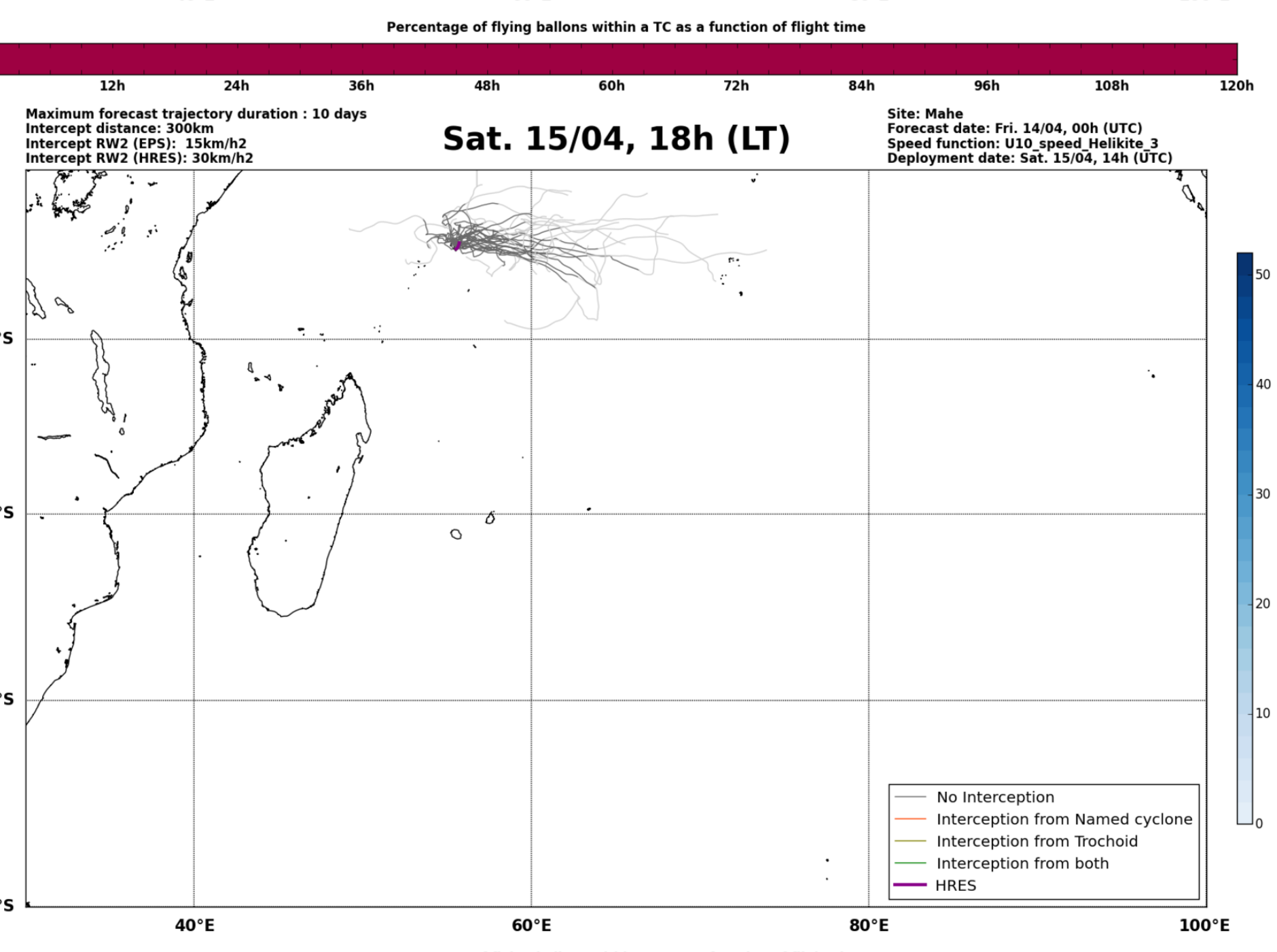

Sat. 15/04, 00h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Fri. 14/04, 20h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (43)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (8)
EPS deployment position
HRES (0h)

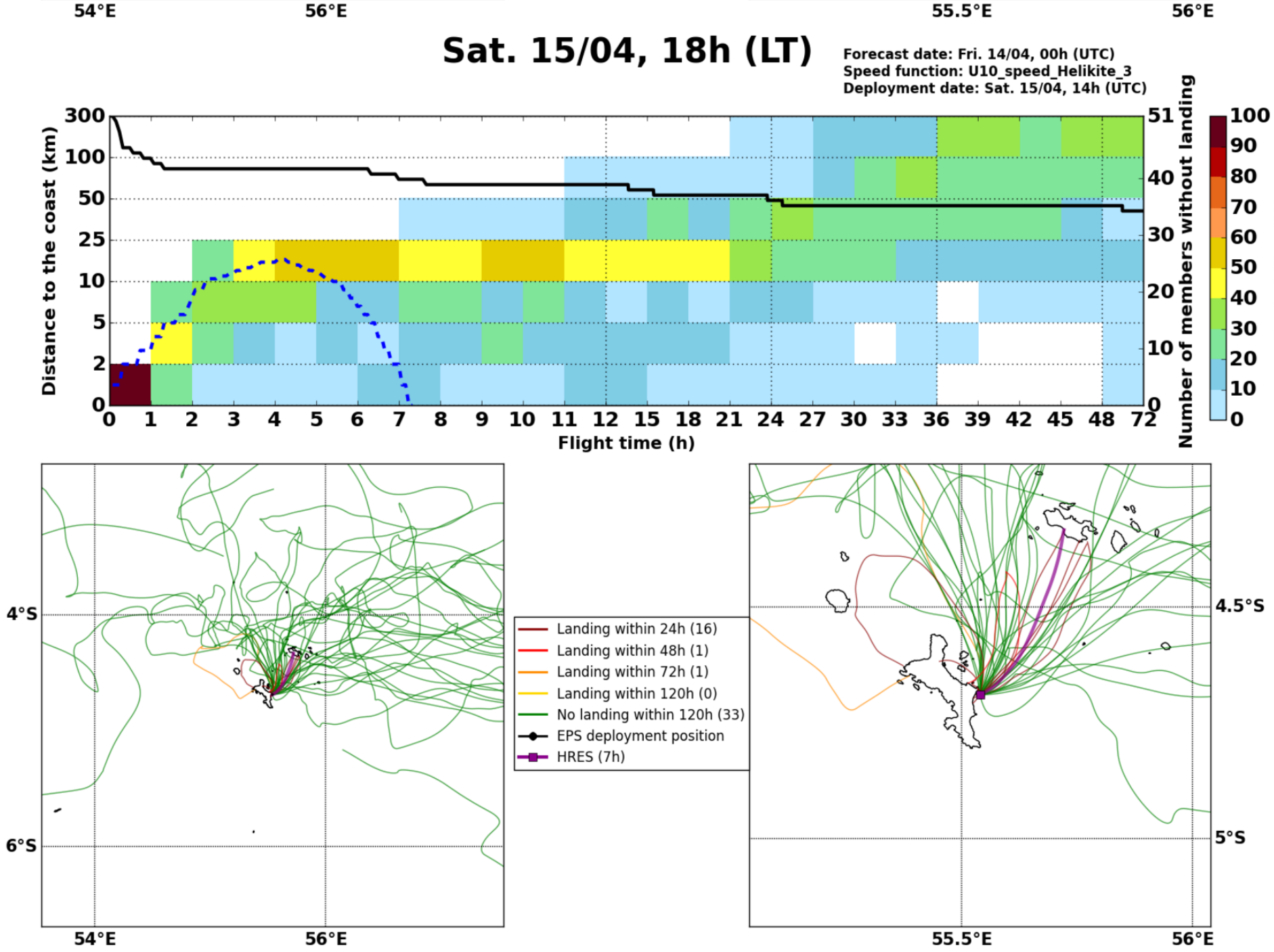

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 15/04, 06h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

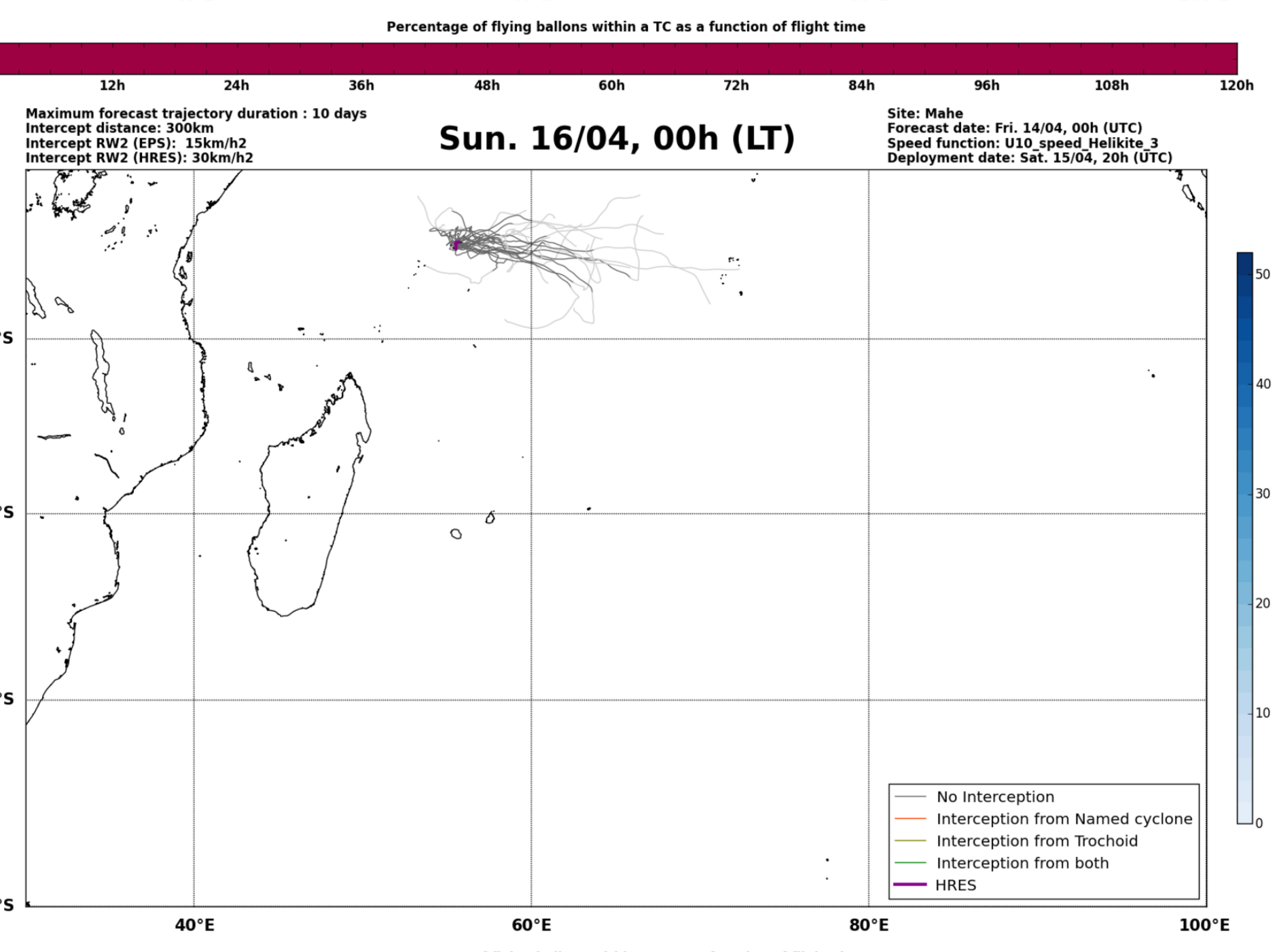

Sat. 15/04, 06h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (32)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (19)
EPS deployment position
HRES (0h)

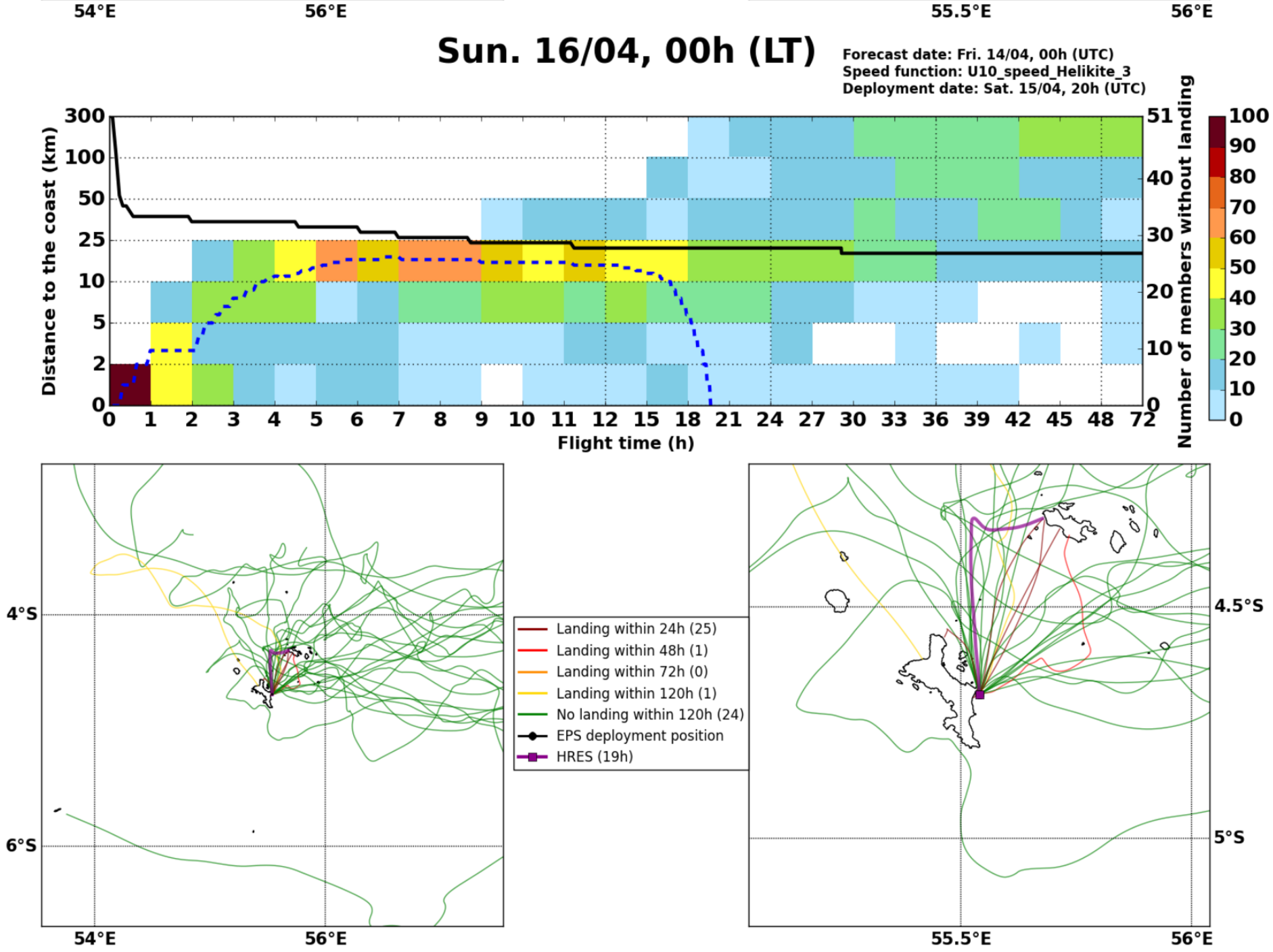

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 15/04, 12h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 08h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

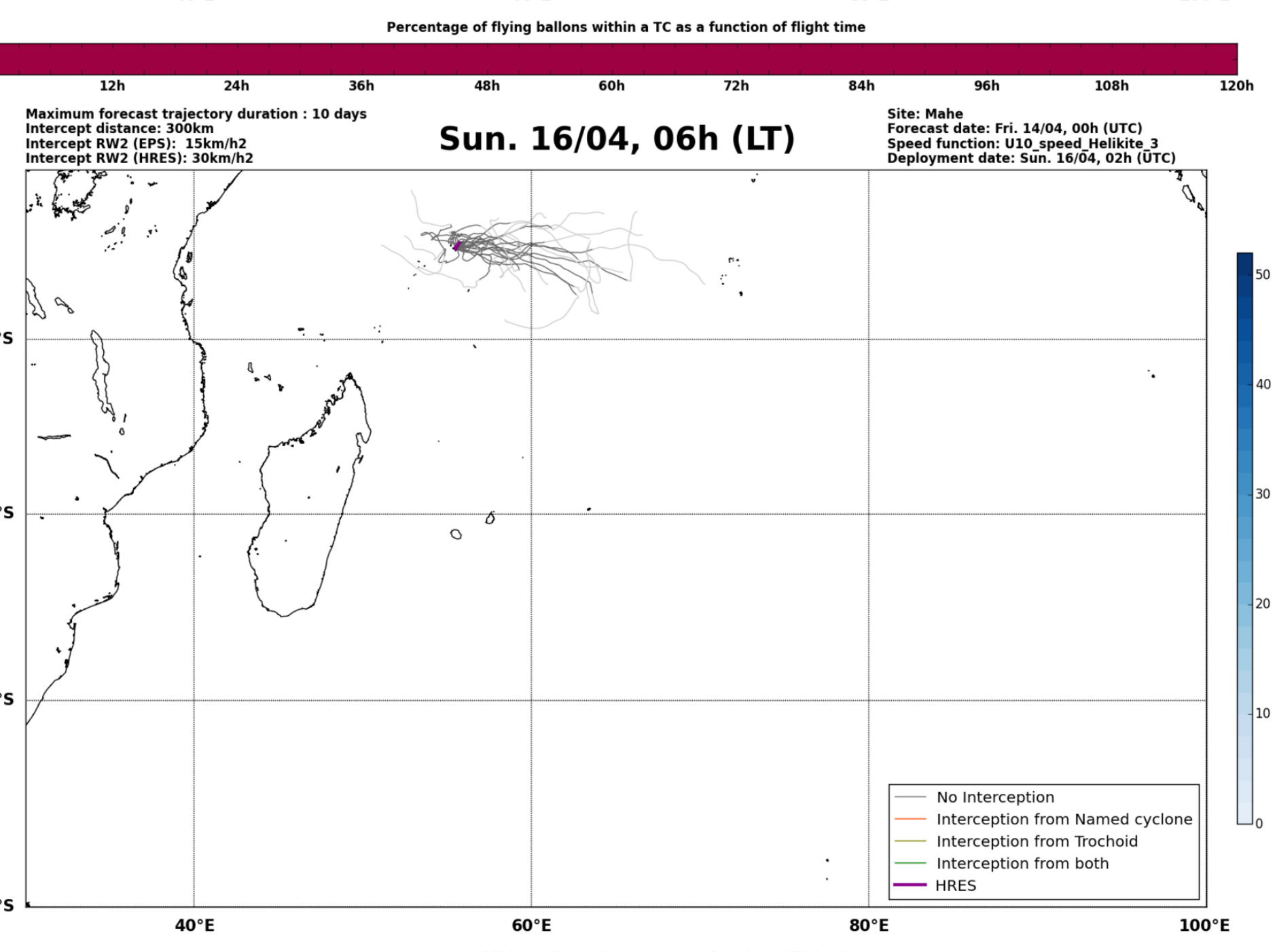

Sat. 15/04, 12h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 08h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (29)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (22)
EPS deployment position
HRES (13h)

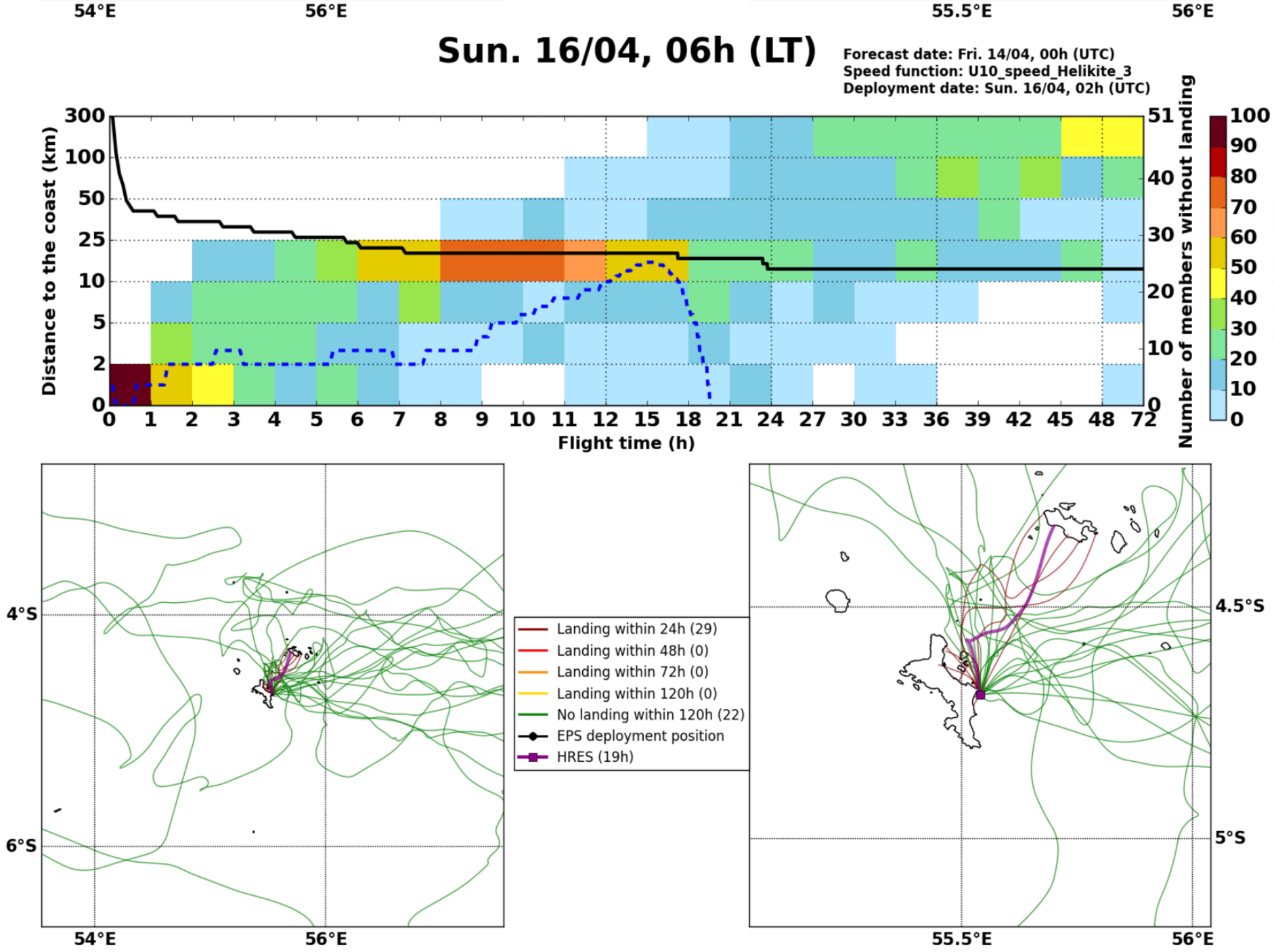

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sat. 15/04, 18h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

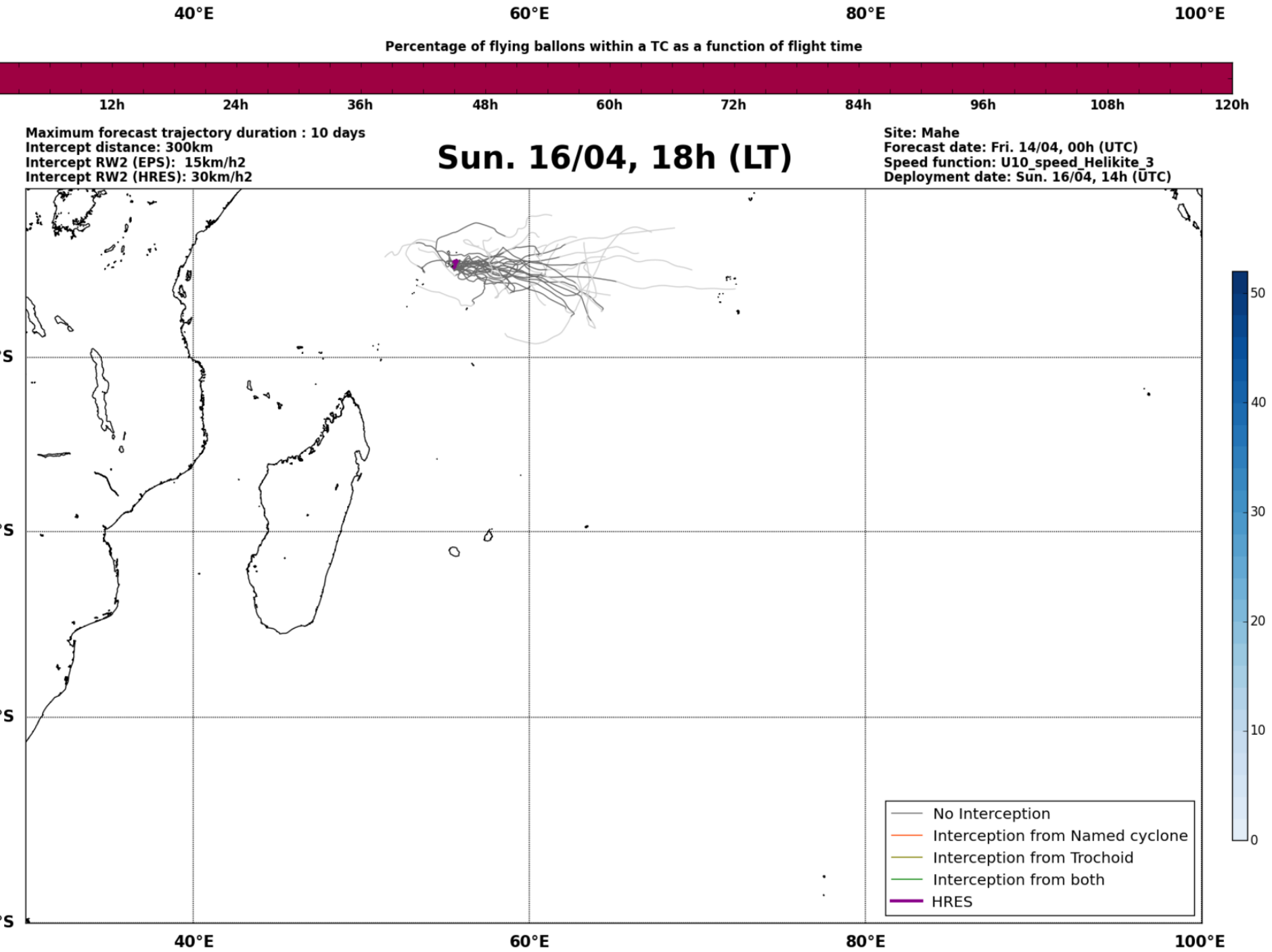

Sat. 15/04, 18h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (16)
Landing within 48h (1)
Landing within 72h (1)
Landing within 120h (0)
No landing within 120h (33)
EPS deployment position
HRES (7h)

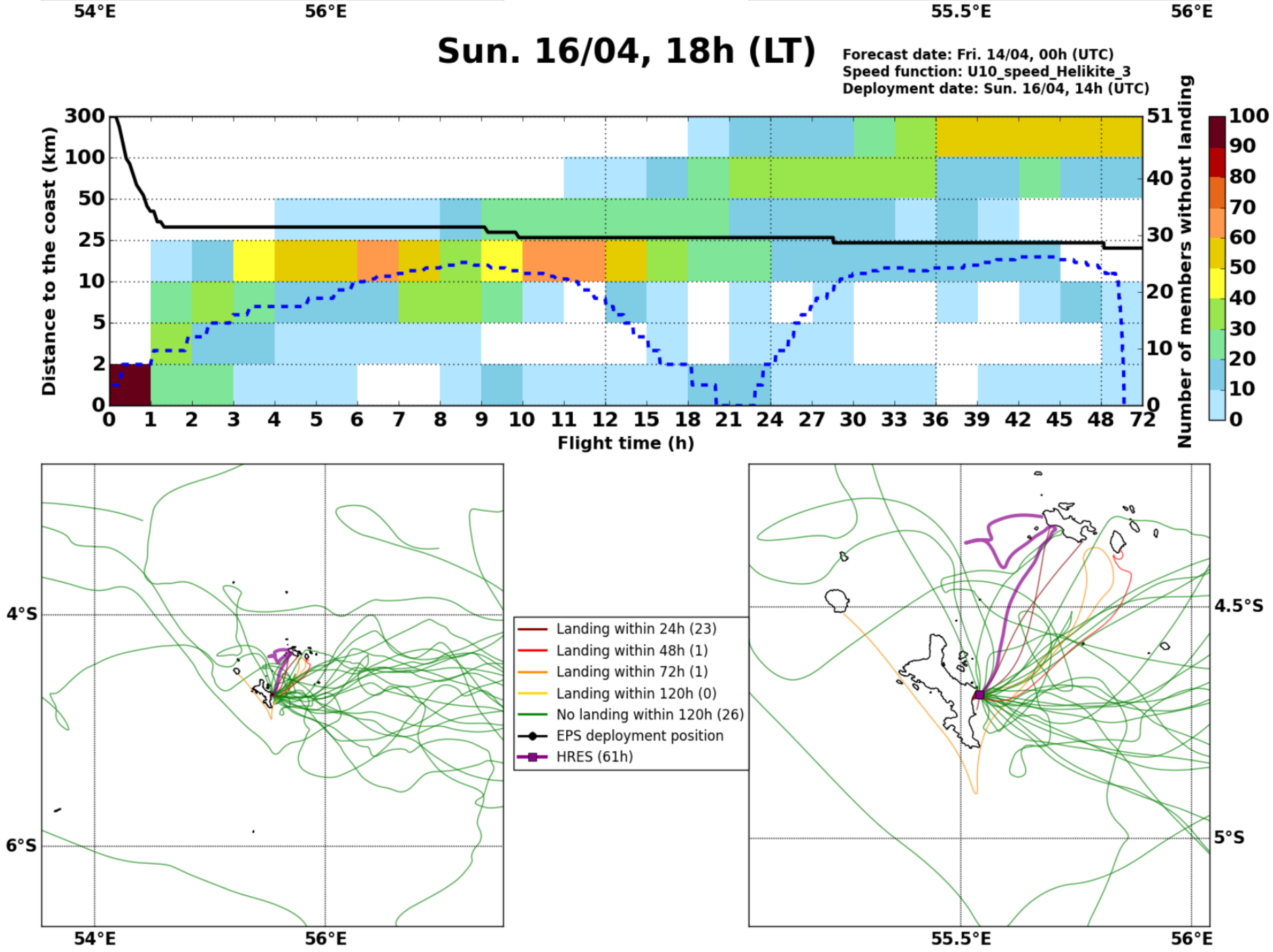

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 16/04, 00h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 20h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

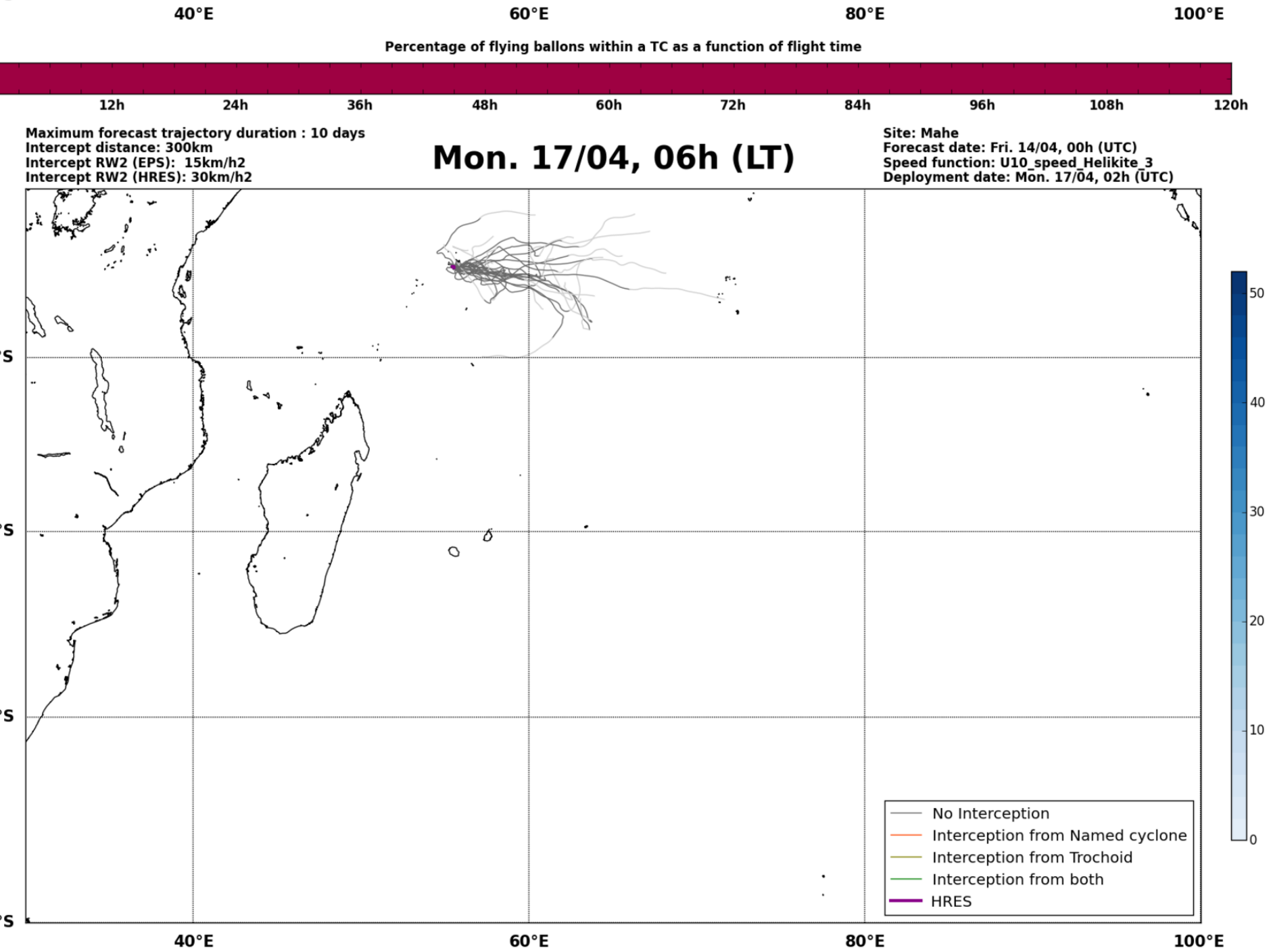

Sun. 16/04, 00h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sat. 15/04, 20h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (25)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (24)
EPS deployment position
HRES (19h)

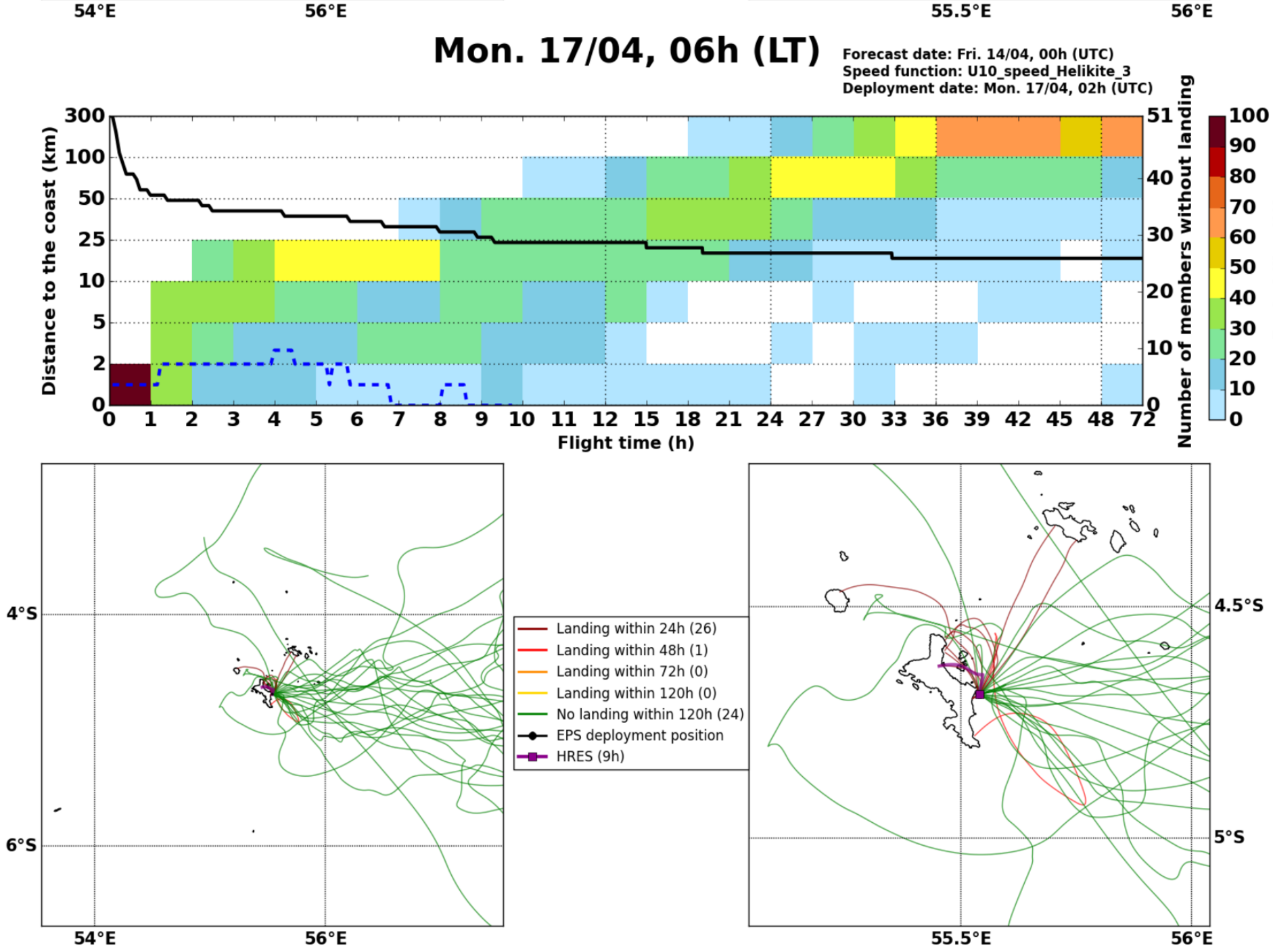

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 16/04, 06h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 16/04, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

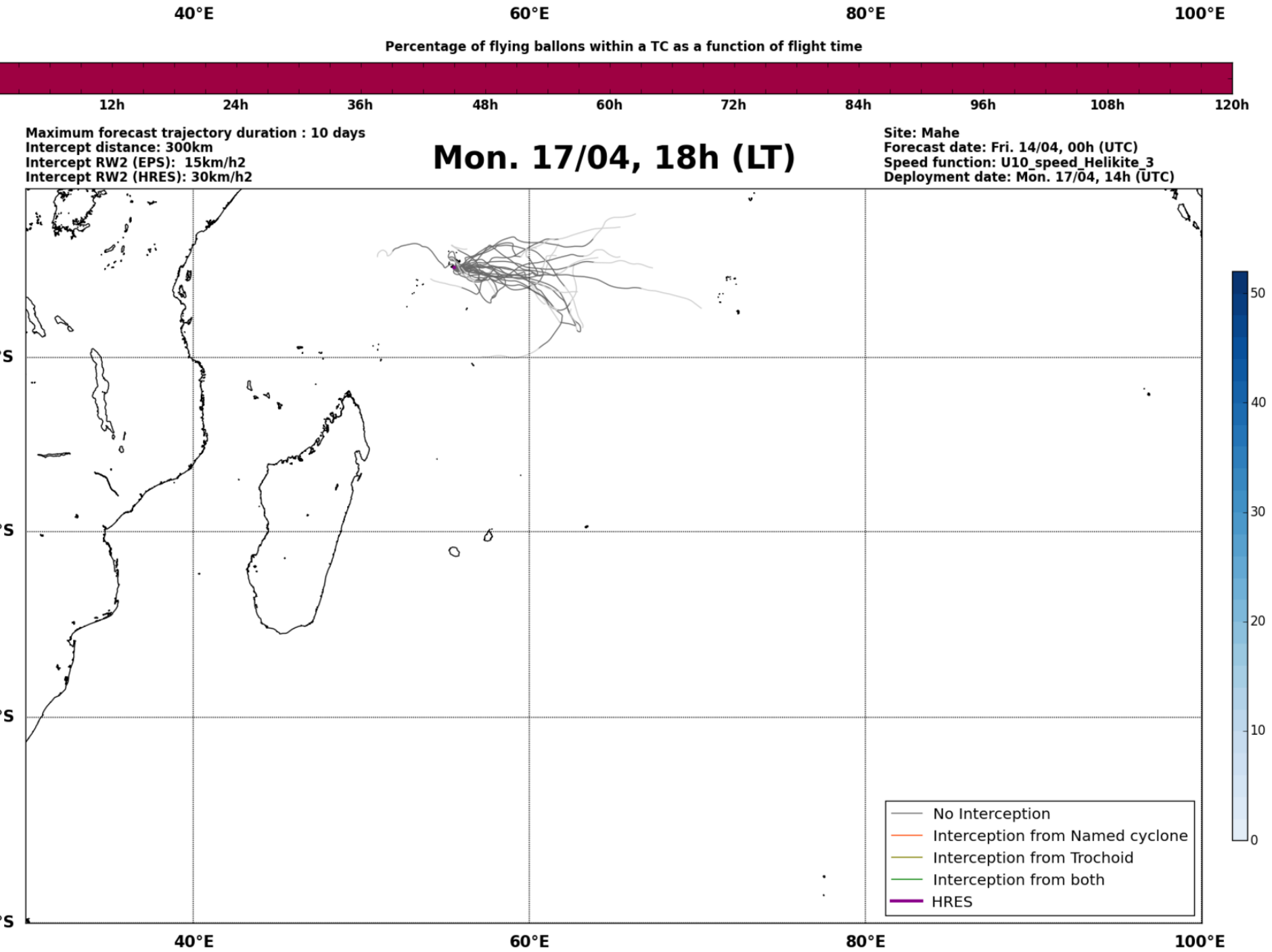

Sun. 16/04, 06h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 16/04, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (29)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (22)
EPS deployment position
HRES (19h)

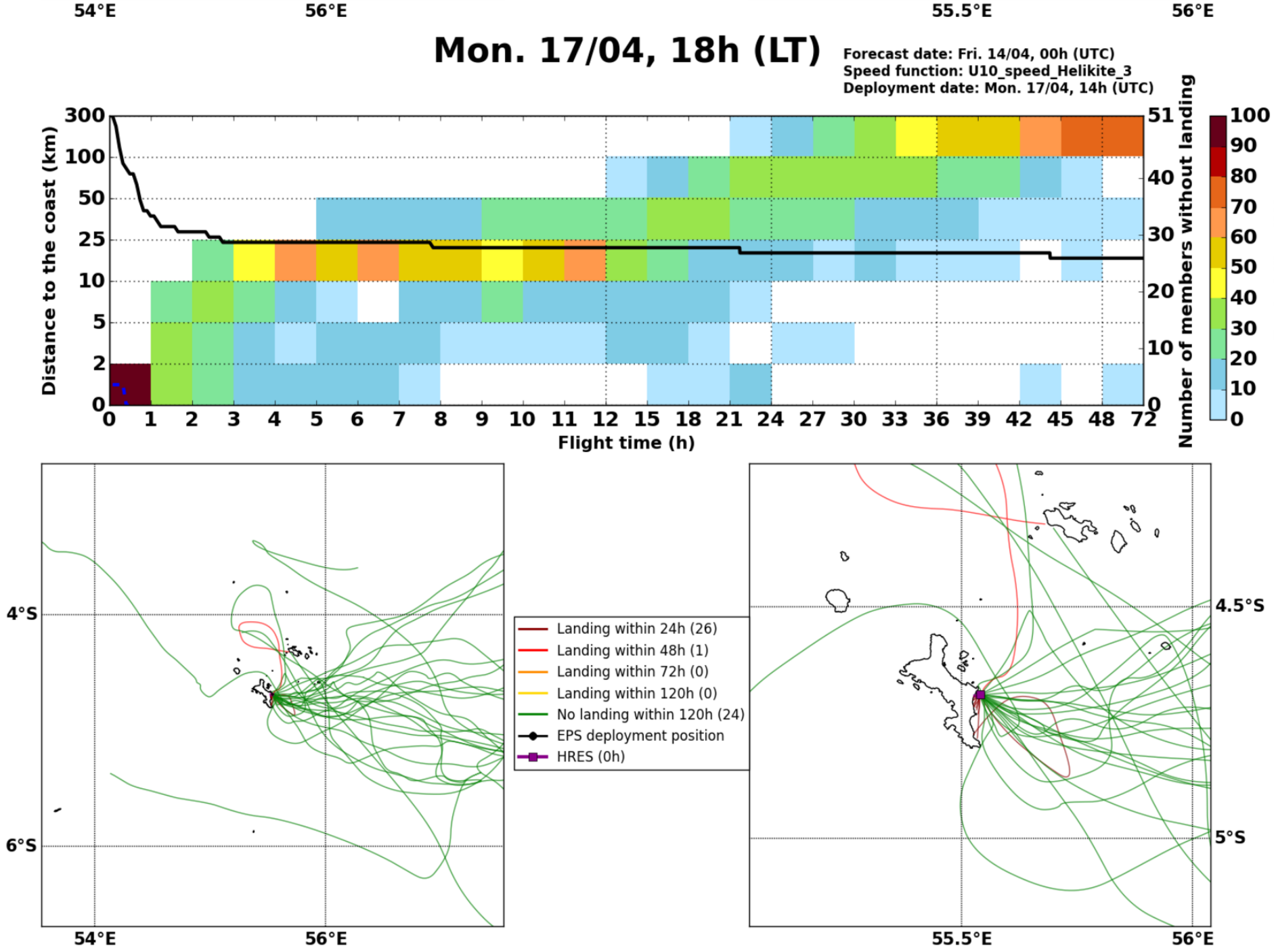

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Sun. 16/04, 18h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 16/04, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

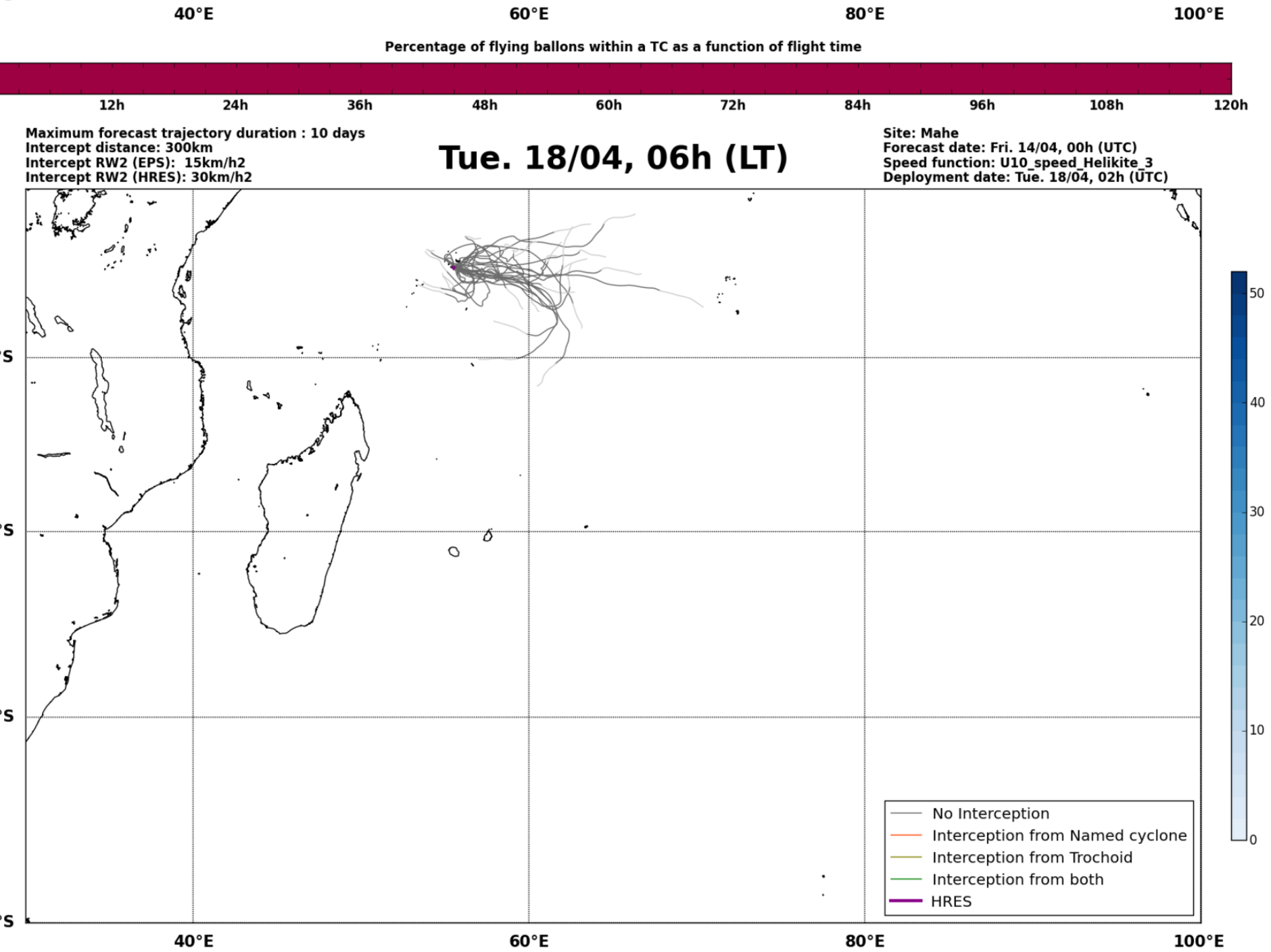

Sun. 16/04, 18h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Sun. 16/04, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (23)
Landing within 48h (1)
Landing within 72h (1)
Landing within 120h (0)
No landing within 120h (26)
EPS deployment position
HRES (61h)

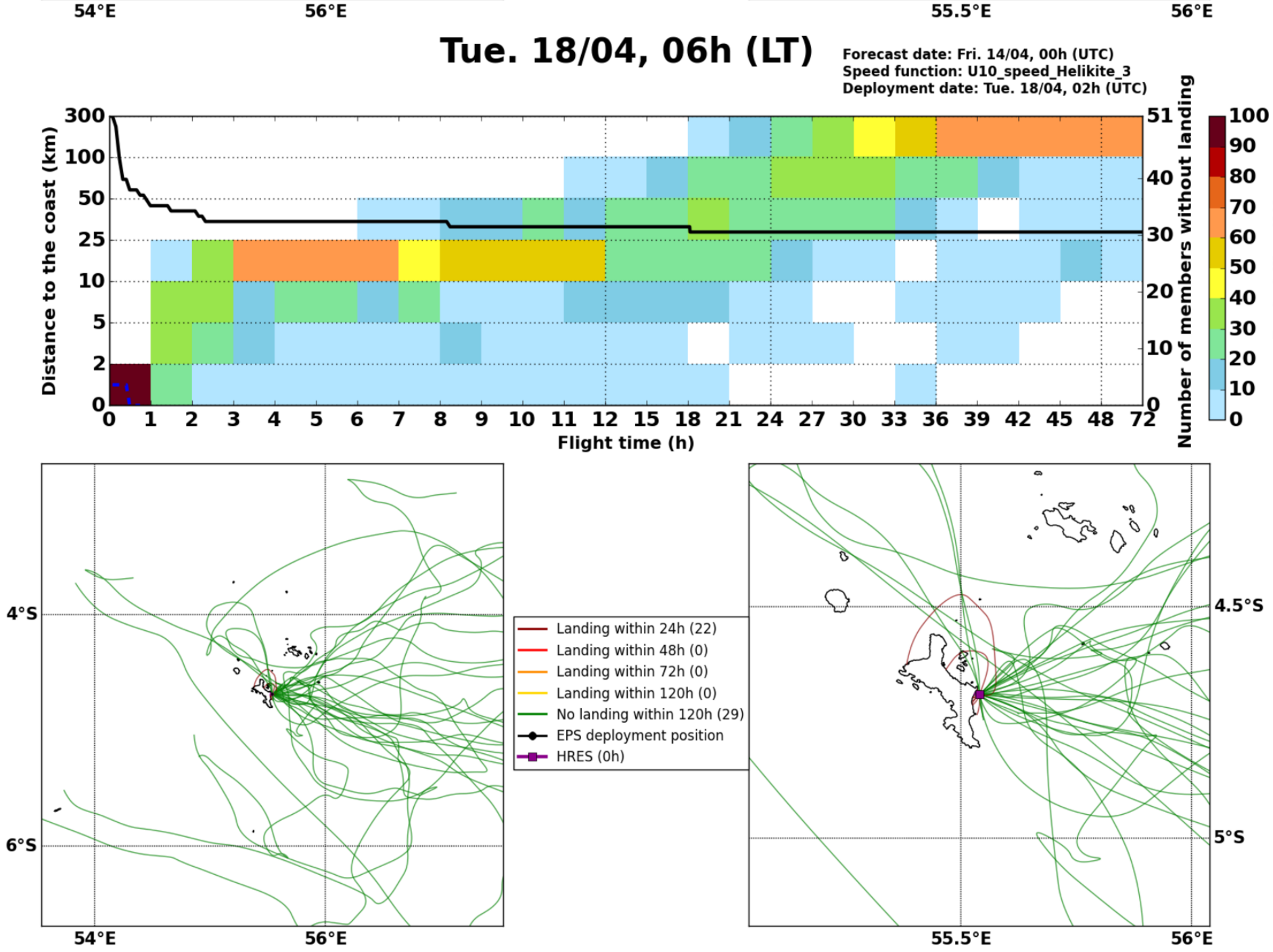

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 17/04, 06h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/04, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time

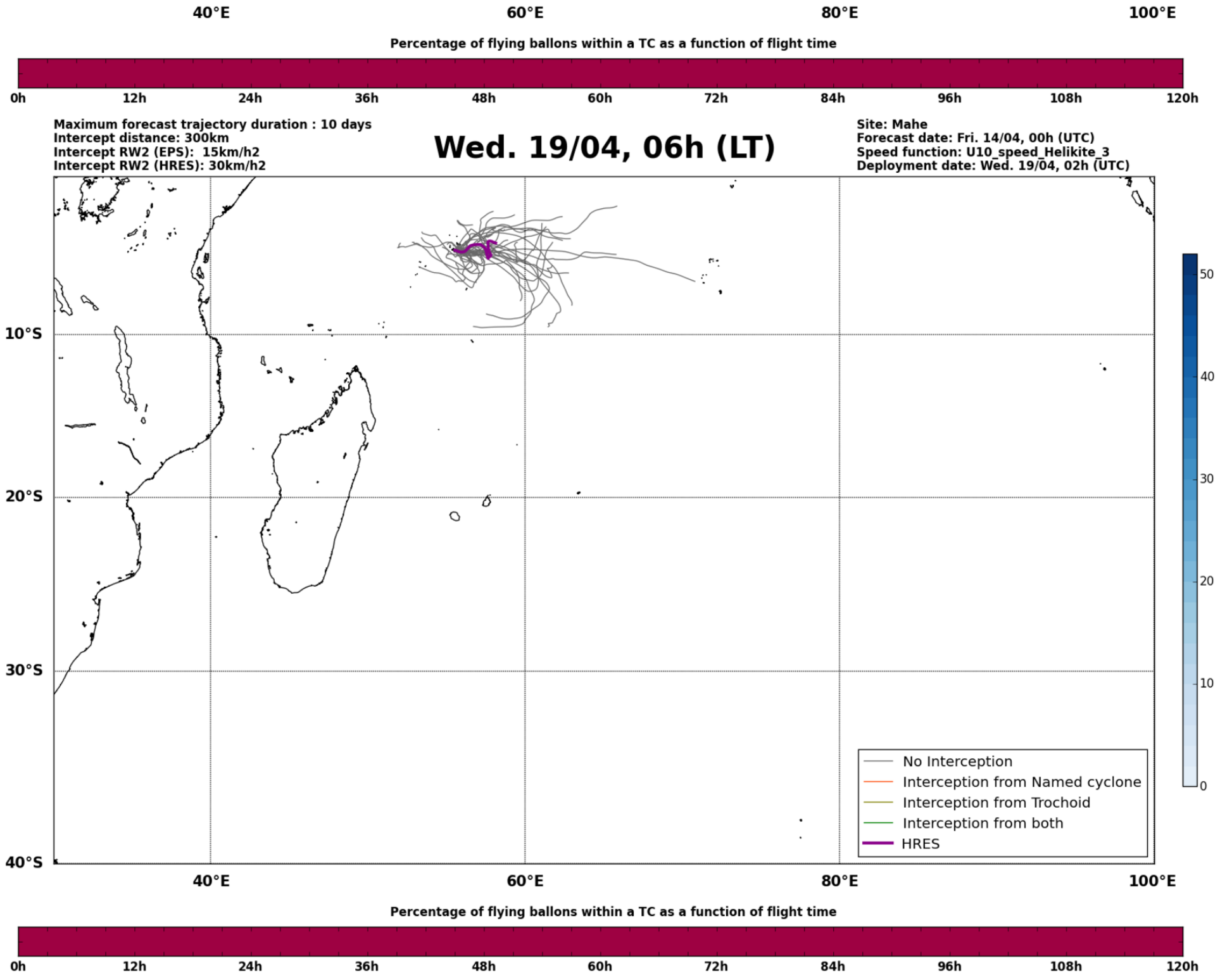

Mon. 17/04, 06h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/04, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (26)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (24)
EPS deployment position
HRES (9h)

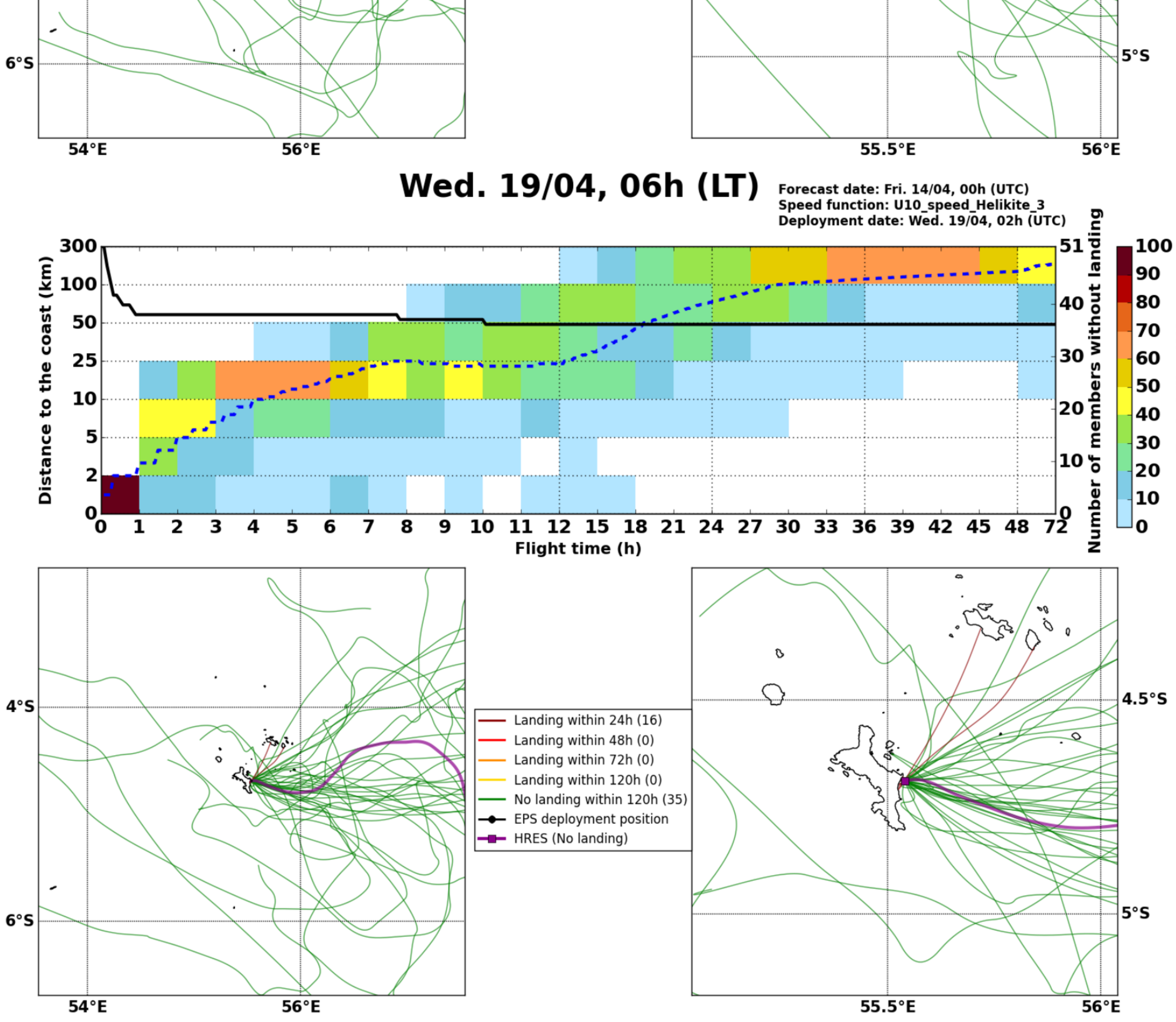

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Mon. 17/04, 18h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/04, 14h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time


Mon. 17/04, 18h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Mon. 17/04, 14h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (26)
Landing within 48h (1)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (24)
EPS deployment position
HRES (0h)


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Tue. 18/04, 06h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/04, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time


Tue. 18/04, 06h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Tue. 18/04, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (22)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (29)
EPS deployment position
HRES (0h)


Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Wed. 19/04, 06h (LT)
Site: Mahe
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 19/04, 02h (UTC)
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Named cyclones forecast - Number of EPS within 120km
Percentage of flying ballons within a TC as a function of flight time


Wed. 19/04, 06h (LT)
Forecast date: Fri. 14/04, 00h (UTC)
Speed function: U10_speed_Helikite_3
Deployment date: Wed. 19/04, 02h (UTC)
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (16)
Landing within 48h (0)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (35)
EPS deployment position
HRES (No landing)