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Software Name: **EVACUATION MANAGEMENT TOOL - HERACLIS**

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EVACUATION MANAGEMENT TOOL H E R A C L I S

QUICK User Manual

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- **Overview**

> In a case of emergency or crisis situation, in order to allow for the safe evacuation of civilians from a nearby crisis area, a non-combatant evacuation operation (NEO) will be needed.

> This need became explicit in 2006 with the Lebanon crisis during which around 60.000 foreign citizens were evacuated from Lebanon and repatriated safely back to their countries through Cyprus, using the island as a temporary safe location.

> In order to maximize the efficiency and the utilization of all partnering Nation's available resources, including pooling and sharing and even outsourcing transportation assets, a NEO Coordinating Group was established. The goal of the NEO CG is to facilitate the coordination of evacuation efforts between countries.

> The NEO CG provides a centralized platform for shared situational and security awareness, evacuation information, cooperation and de-confliction among participating nations.

- **Purpose / Applications**

> This software initially designed to provide NEO CG and to any relevant authorities a useful tool, to manage, direct and coordinate an evacuation of their citizens from a place of danger/crisis. It may also be implemented in cases of natural disasters in the region and beyond, which might also result to the evacuation of citizens.

> Potential users can be the NEO CG member Nations, any relevant National authorities (Ministry of Foreign Affairs, Embassy/Consulate personnel at the crisis area), or a National emergency service (Fire department etc). In a wider situation, users can be of different Nations or authorities.

> The software provides a common platform where all users can communicate and share information, regarding personnel location & status, assets and transportation planning, in order to establish a common operational picture (COP) to the lead or coordinating officer/Nation to better coordinate and manage the operation.

> The software has been used successfully during the multinational exercise **ARGONAUT 2019**, held from May 28-30 in Cyprus, organized by the Cyprus Ministry of Foreign Affairs (MFA). Users were the Cyprus MFA, army officers as well as foreign army officers and members of international diplomatic corps of CAN, AUS, AUT, BEL, DNK, FIN, FRA, DEU, ITA, NLD, NOR, ESP, SWE, GBR, USA & EU.

- **Future Development**

The software will be in constant development. New options and features will be added to better support the needs coming from the users. Some of them are already underway and includes the following:

- > Operate on the web (**web application**), having the users to use only their web browser, without the need for any installation, eliminating any compatibility issues.
- > Use it **offline** with the ability to update the data once online again.
- > Handling the **accommodation** of EPs at temporary safe location.
- > Integrated **maps** will inform users of citizens and assets whereabouts, their status and location.
- > **Live chat** messaging to exchange information, photos & documents instantly
- > Compatible with the use of **barcoded wristbands**, in order to track & update citizens location & status instantly with the software
- > High level of **security**, to protect the user's and personnel's sensitive information.

- **Copyright notice**

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This software is a beta version and is not ready for
publish and/or distribution.

The content and services of the
"MULTINATIONAL EVACUATION
MANAGEMENT TOOL - HERACLIS"
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licensed to Cyprus Ministry of Foreign Affairs (MFA)
for a trial period (until 31st May 2019)

- **Abbreviations**

NEO: Non-Combatant Evacuation Operation

NEO CG: Non-Combatant Evacuation Operation Coordination Group

COP: Common Operating Picture

EP: Eligible Person

Asset: Sea, Air or ground resources (Ships, Airplanes and Buses/Cars) used to transport EPs

Route: a transportation plan for an asset (location, date & time of departure and/or arrival)

Areas: Crisis Area (CA)
Temporary Safe Location (TSL)
Place of Safety (PoS)

Status:

EP status	Asset status
1. At CA	1. En Route to CA
2. Processed & Ready at CA	2. Arrive and Ready (empty) at CA
3. Assigned to Manifest at CA	3. Loaded at CA
4. Been Evacuated (Departed) from CA	4. En Route (Departed) from CA
5. Arrived at TSL	5. En Route to TSL
6. Disembarked & Ready at TSL	6. Arrive and Ready (empty) at TSL
7. Accommodated at TSL	7. Loaded at TSL
8. Assigned to Manifest at TSL	8. En Route (Departed) from TSL
9. Been Transferred (Departed) from TSL	9. Arrive and Ready (empty) at PoS
10. SAFE at TSL (no need for transfer)	10. Available
11. Arrived at PoS	11. Not Available
12. SAFE at PoS	12. Declared an emergency

- **Welcome screen**



When starting the application a Copyright notice will show up informing about the current user license and the version

- **Log in**



On the Log in screen take the following action:

- 1 - Enter your Username and password
- 2 - Then click [Log in]

If you don't have an active User license, a message box will inform you about limited features*.

*Creating New EP and Asset is disabled

• Main Window



Main window consists by 4 panels

Top panel: Log out, User info, Crisis area Nation, Developer info, Date, Refresh status

Right panel: 3 main buttons [Routes, Group Lists, Manifests], Message list

Left panel: EPs evacuation statistics

Main panel: 5 tabs [Evacuation Status, Transportation Plans, EPs, Assets, Options]

• **Top panel**



Nation flag - User ID - Permissions level

There are 4 permissions levels:

- Level 1 Observer (view only User's Nation's creations)
- Level 2 Nation user (can view/edit only User creations)
- Level 3 Nation admin (can view/edit only Nation Users creations)
- Level 4 Lead Nation (can view/edit all Nation's Users creations)



• **Left panel / Evac Statistics**

% SAFE
8.54%
EPs at CA (Edit)
1298 < Remaining
3512
Processed
401
Evacuated
745
EPs at TSL
100 < Accom
688
Transferred
80
EPs at PoS
0
SAFE
300

- SAFE:** % of EPs safe at TSL or PoS
- EPs at CA:** Total number of EPs initially positioned at Crisis Area
(Edit) -----> Click to set the initial number of EPs positioned at Crisis Area
- Remaining:** The number of not processed EPs at Crisis Area
- Processed:** Persons presented at Nation's authorities. Their documents are verified and are ready (eligible) for evacuation
- Evacuated:** EPs assigned to a Manifest or onboard an Asset traveling from Crisis Area to Temporary Safe Location
- EPs at TSL:** Total number of EPs arrived at Temporary Safe Location
- Accom:** EPs arrived at TSL and are temporary accommodated
- Transferred:** EPs assigned to a Manifest or onboard an Asset travelling from Temporary Safe Location to Place of Safety
- EPs at PoS:** Total number of EPs arrived at Place of Safety
- SAFE:** EPs marked as safe either at Temporary Safe Location or at Place of Safety

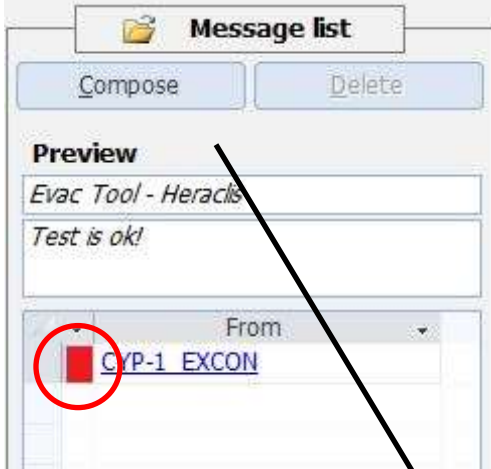
• Right panel



Routes: Opens a list with all routes assigned to assets owned by the User (Level 2) or Nation Users (Level 3) or all Users (Level 4). User can manage/edit the status of each route

Group Lists: Opens a list with all Group lists created by the User (Level 2) or Nation Users (Level 3) or all Users (Level 4)

Manifests: Opens a list with all Manifests created by the User (Level 2) or Nation Users (Level 3) or all Users (Level 4)

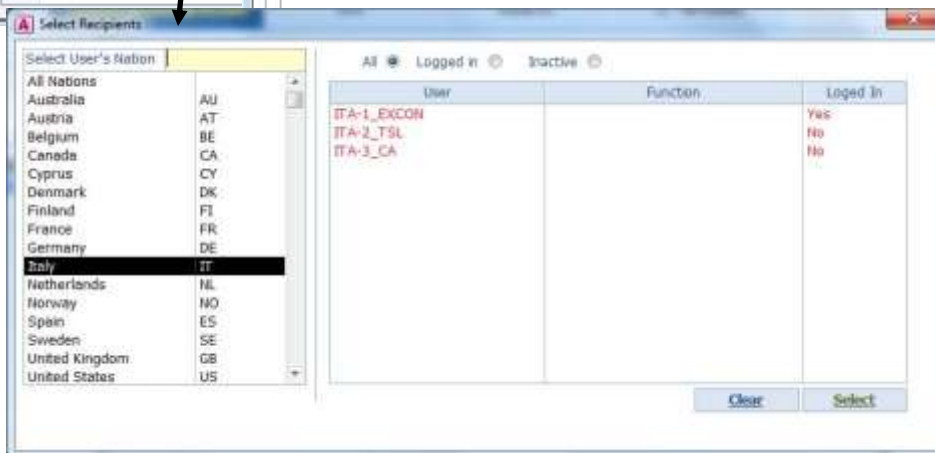
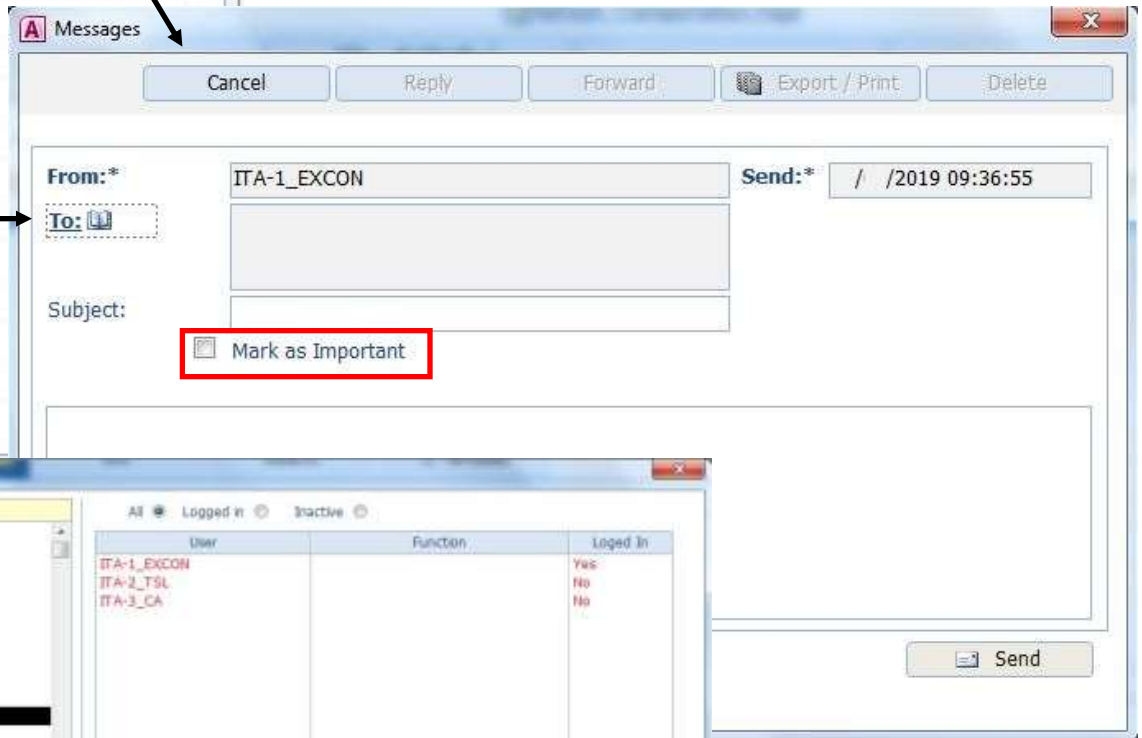


Message list: Opens a list with all Messages received or send by the User

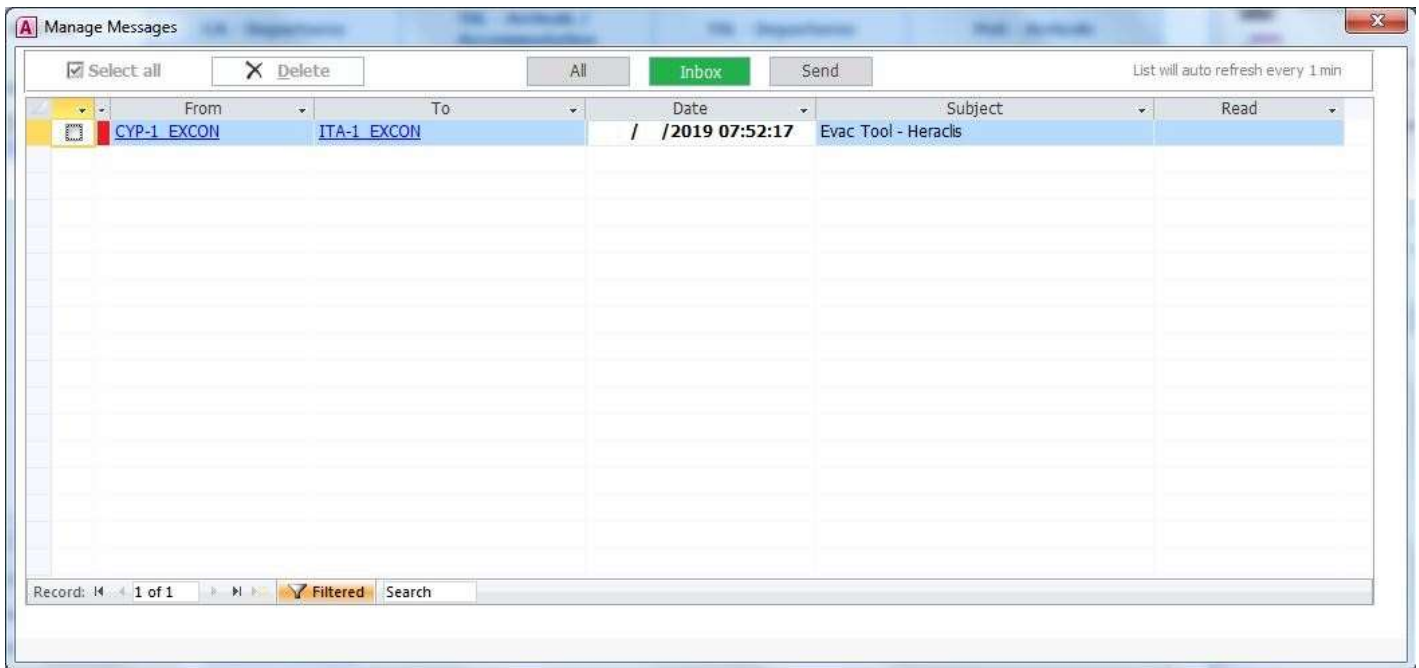
Preview: Title and main text of selected/most recent message

Red box: Indicates an important message

Open recipient selection list



- **Messages**

**Manage Message list:**

User can open every message received or send by other users. If the message is read, then a date/time stamp will show on the list at [Read] column.

• Routes



Asset Details	From	ETD	To	ETA	Manifest Details
IT-KC767 (200) /ITA/Mil-Aircraft	[CYP] - LARNACA	30/05/2019 - 20:00:00	[ITA] - MILANO	30/05/2019 - 22:00:00	
SAN GIORGIO (250) /ITA/Mil-Vessel	[NEX] - RYT	30/05/2019 - 10:00:00	[CYP] - LIMASSOL	30/05/2019 - 11:00:00	M_ITA-1_EXCON/ITA NOR ON :
SAN GIORGIO (250) /ITA/Mil-Vessel	[CYP] - LIMASSOL	30/05/2019 - 08:00:00	[NEX] - RYT	30/05/2019 - 09:00:00	
IT-C130 (95) /ITA/Mil-Aircraft	[NEX] - BATORIN	30/05/2019 - 05:00:00	[CYP] - LARNACA	30/05/2019 - 06:00:00	
M/V GRIMALDI (300) /ITA/Civ-Vessel	[NEX] - RYT	29/05/2019 - 23:00:00	[CYP] - LARNACA	30/05/2019 - 12:00:00	M_CYP-4_Panagiotis/grimaldi IT
ITS SAN MARCO (250) /ITA/Civ-Vessel	[NEX] - RYT	29/05/2019 - 14:00:00	[CYP] - LARNACA	30/05/2019 - 06:00:00	

Asset

Route

Manifest

Asset name (Capacity) / Nation / Use – Type

IT-KC767 (200) / ITA / Mil – Aircraft

(Nation) – Location | Date – Time of departure | (Nation) – Location | Date – Time of arrival

(CYP) – LARNACA | 30/05/2019 – 20:00:00 | (ITA) – MILANO | 30/05/2019 – 22:00:00

Code letter User ID /Given name

M_ ITA-1_EXCON / ITA NOR ON.....

M = Manifest

G = Group List

• **Group Lists**



The User can select the following actions:

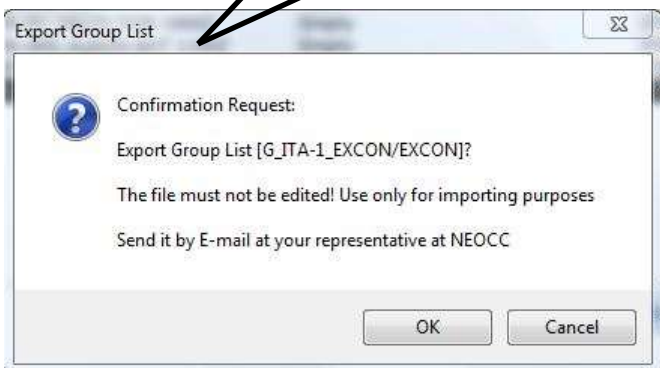
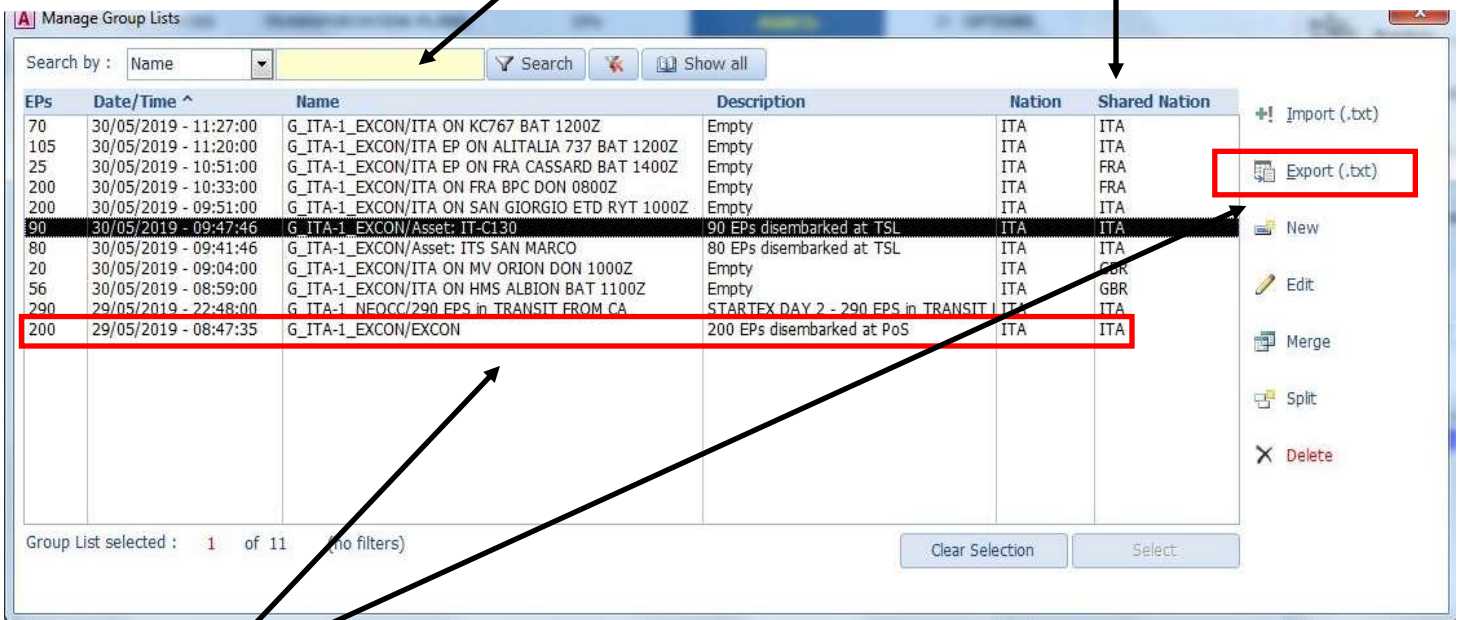
- **Import** or **Export** Group Lists as text files
- Create **New** Group List
- **Edit** selected list
- **Merge** 2 Group Lists
- **Split** 2 Group Lists
- **Delete** selected Group Lists

Notice:

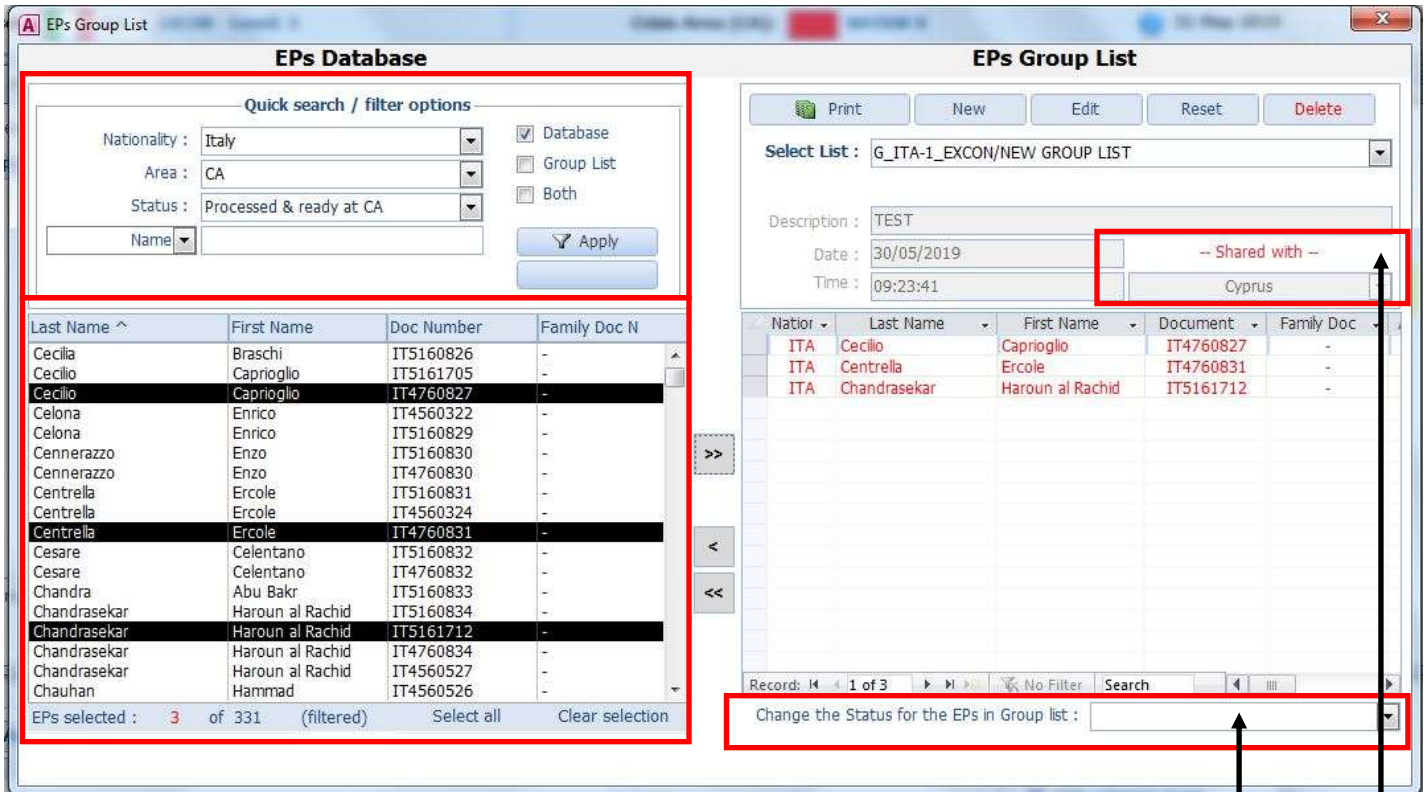
Group Lists created by other Nation Users will not show, unless they are **SHARED** with this User Nation

Search by:

User can search/filter by Name, Description or Nation/Shared Nation



• **Group Lists (continued)**



EPs Database

EPs Group List

Quick search/filter options: User can use the fields to select the Nation, Area or Status of the EPs. Also can select an option from the check boxes as to where the search results will apply.

Finally user can type in the Name or Document number of an EP. Selected EPs can be inserted in the Group List by clicking on the arrows

Group List of EPs should be created for the following purposes:

- Set the location of EPs
- Change the status of EPs (processed, safe etc)
- Insert EPs into a Manifest

Notice:

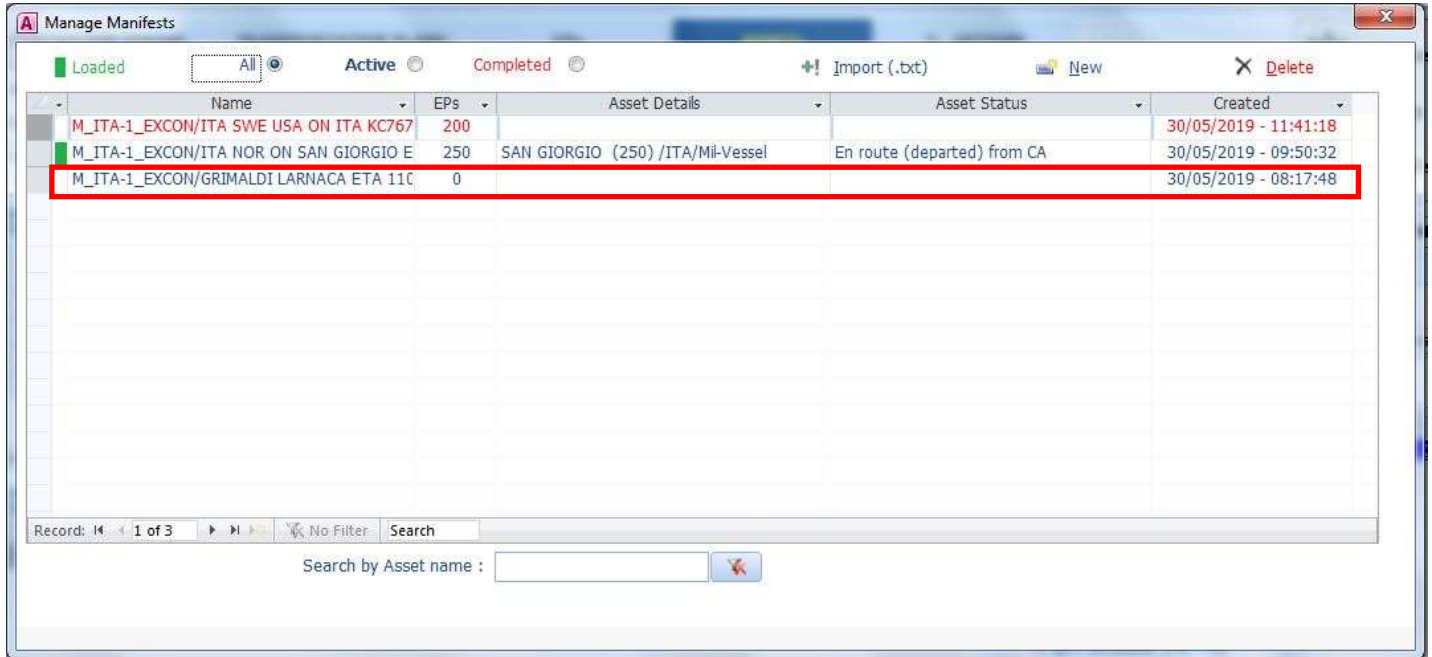
A Group List in order to be visible and selected by other Nation user must be **SHARED** with that Nation

Privacy:

One Nation user can't select or view other Nations EPs



• Manifests



The User can select the following actions:

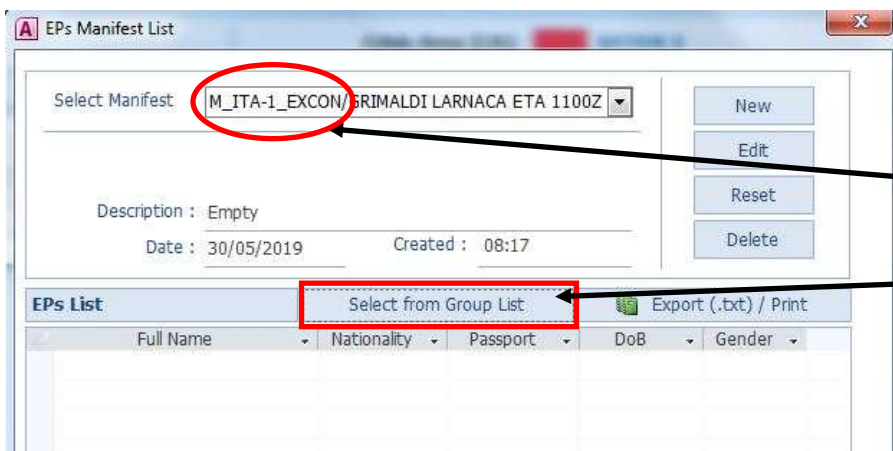
- **Import** Manifest as text file
- Create **New** Manifest
- **Edit** selected Manifest (double click)
- **Delete** selected Manifest

Notice:

Group Lists created by one Nation Users will not show to other User Nations

Search by:

User can search/filter by Name of the Asset



New Manifest:

After saving a new manifest, a name is automatically generated giving the letter code **M_** and the User ID who created it.

After a Manifest is saved, user can **insert** Groups of **EPs**

• Manifests (continued)

The screenshot shows the 'EPs Manifest List' interface. At the top, there's a 'Select Manifest' dropdown set to 'M_ITA-1_EXCON/GRIMALDI LARNACA ETA 1100Z'. Below it are buttons for 'New', 'Edit', 'Reset', and 'Delete'. A description field is empty, and the date is '30/05/2019' with a creation time of '08:17'. The main area is a table of EPs with columns for Full Name, Nationality, Passport, DoB, and Gender. An 'Export (.txt) / Print' button is highlighted in red. An 'Export Manifest' dialog box is open, asking for confirmation to export the manifest and providing instructions: 'The file must not be edited! Use only for importing purposes. Send it by E-mail at your representative at NEOCC.' The dialog has 'OK' and 'Cancel' buttons.

Export / Import

After inserting groups of EPs, user can export* the manifests in text files and attach it to an email. The receiver can import the file and update the software. Import action is done from the [Manage Manifests] page

*Export to a text file can be done only before the manifest is assigned to an asset.

Notice:

Only EPs with status [Processed and Ready] or [Disembarked and ready at TSL] can be entered into a Manifest. Otherwise these EPs will not be entered and the user will be notified.

This screenshot shows a different manifest selected: 'IT-KC767 (200) /ITA/Mil-Aircraft [CYP] - LARNACA - [ITA] - MILANO [Loaded at TSL]'. The 'Export (.txt) / Print' button is again highlighted in red. The table below lists the EPs for this manifest:

Full Name	Nationality	Passport	DoB	Gender
Aidan, Angelina	USA	US3513279	01/01/1974	F
Aidan, Angelina	USA	US2223279	01/01/1943	M
Aidan, Angelina	USA	US8000233	01/01/1974	M
Aidan, Ethan	USA	US2223281	01/01/1943	F
Aidan, Ethan	USA	US3513281	01/01/1984	M
Aidan, Joseph	USA	US3513280	01/01/1993	M
Aidan, Joseph	USA	US2223280	01/01/1978	F
Aidan, Joseph	USA	US5553280	01/01/1943	F
Aidan, Matthew	USA	US3513278	01/01/1986	F
Aiden, Lillian	USA	US5553282	01/01/1950	M
Aiden, William	USA	US5553283	01/01/1988	F
AIDosari, Asha	USA	US3513291	01/01/1986	M
Alek, Caden	USA	US5553292	01/01/1992	F
Alek, Caden	USA	US8000809	01/01/1995	M
Alek, Caden	USA	US2223283	01/01/1978	M

When a Manifest is loaded into an Asset, the details will show on the top and the manifest can be **printed** or **saved as PDF or EXCEL** file.

This screenshot shows a detailed view of the manifest. The title is 'IT-KC767 (200) /ITA/Mil-Aircraft [CYP] - LARNACA - [ITA] - MILANO'. It shows the date range '30/05/2018 - 20:00:00' to '30/05/2019 - 22:00:00' and indicates it is 'Loaded at TSL'. Below this is a table titled 'EPs Manifest List' with columns for ID, Last Name, First Name, Nationality, Document Number, Date of Birth, Status, and Age.

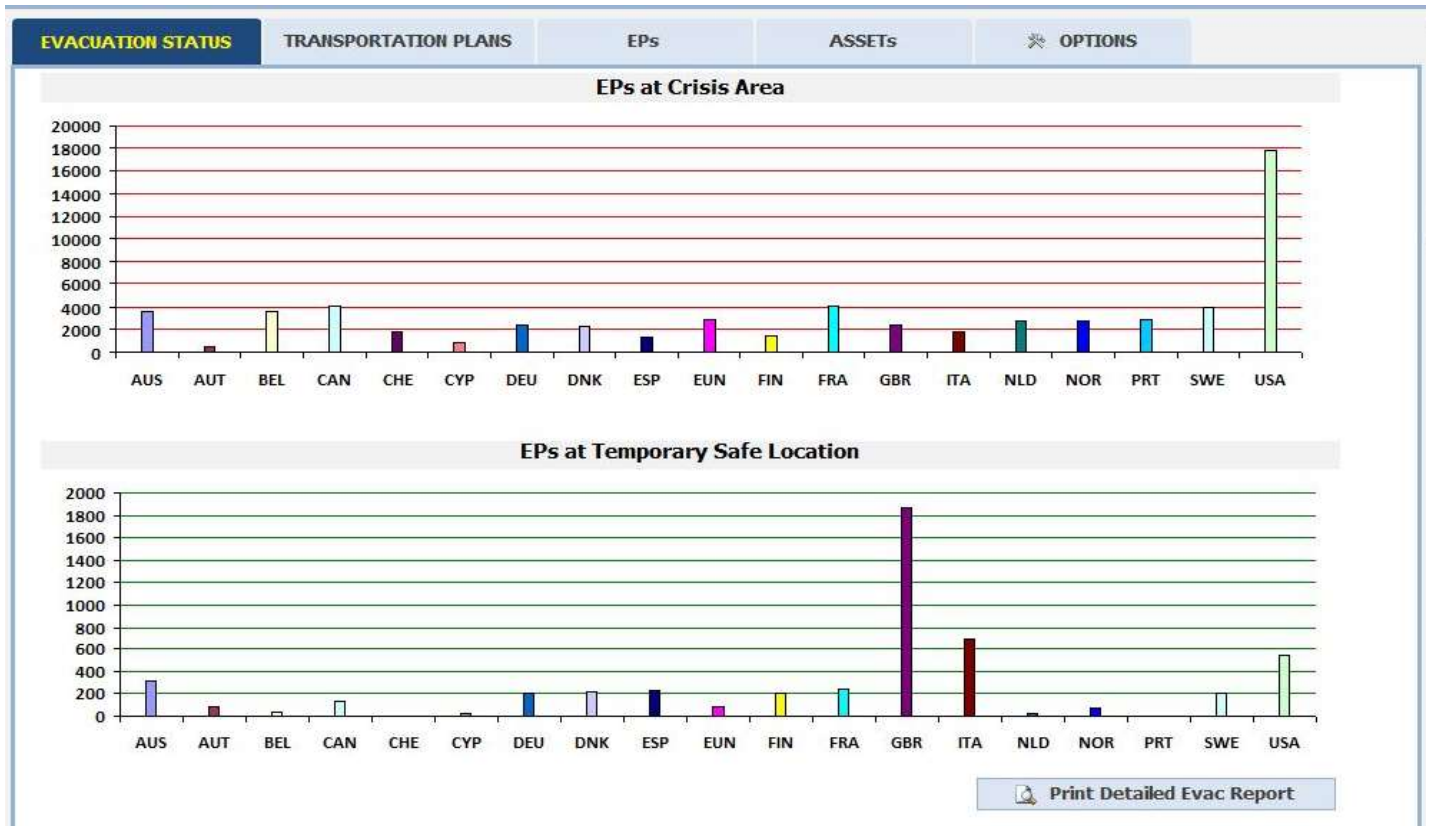
ID	Last Name	First Name	Nationality	Document Number	Date of Birth	Status	Age
1	Chen	Jun	ITA	IT4880714	01/01/1943	H	TSL
2	Chen	Rui	ITA	IT4880847	01/01/1988	H	TSL
3	Chen	Luca	ITA	IT4880896	01/01/1982	H	TSL
4	Costa	Marco	ITA	IT4880887	01/01/1988	H	TSL
5	Costa	Andrea	ITA	IT4880874	01/01/1988	H	TSL
6	Costa	Massimo	ITA	IT4880756	01/01/1989	H	TSL
7	Costa	Massimo	ITA	IT4880875	01/01/1979	H	TSL
8	Costa	Massimo	ITA	IT4880877	01/01/1985	H	TSL
9	Costa	Massimo	ITA	IT4880831	01/01/1982	H	TSL
10	Costa	Massimo	ITA	IT4880883	01/01/1982	H	TSL
11	Costa	Massimo	ITA	IT4880882	01/01/1974	H	TSL
12	Costa	Massimo	ITA	IT4880842	01/01/1988	H	TSL
13	Costa	Massimo	ITA	IT4880882	01/01/1978	H	TSL
14	Costa	Massimo	ITA	IT4880883	01/01/1943	H	TSL
15	Costa	Massimo	ITA	IT4880756	01/01/1943	H	TSL
16	Costa	Massimo	ITA	IT4880882	01/01/1943	H	TSL
17	Costa	Massimo	ITA	IT4880877	01/01/1943	H	TSL

• Main Window tabs



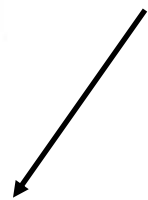
• Evacuation Status

In this window each Nation but also the Lead/Coordination Nation can have common picture of the evacuation procedure as it progress. The graphs present the total number of EPs currently at Crisis Area & Temporary Place of Safety.



EPs Evacuation Report

Nation	Start EPs	EPs at Crisis Area			EPs at Temporary Safe Location			EPs at Place of Safety		Total Safe	Remaining	
		on site	Processed	Evacuating	Arrival	Safe	Transferring	Arrival	Safe			
Australia	AUS	3948	3385	120	0	310	0	0	0	20	3385	
Austria	AUT	450	450	20	70	80	0	0	0	170	100	
Belgium	BEL	4148	3213	285	70	41	0	0	0	360	3264	
Canada	CAN	3432	2844	500	0	820	0	0	0	110	460	
Switzerland	CHE	0	1788	0	0	0	0	0	0	0	0	
Cyprus	CYP	1728	0	888	0	20	?	0	0	888	908	
Germany	DEU	4838	3278	90	20	210	0	0	0	100	4410	
Denmark	DNK	2768	2098	180	118	210	0	0	0	658	2090	
Spain	ESP	2733	718	700	8	218	0	0	0	38	1768	
Finland	FIN	1768	1768	118	118	90	0	0	0	188	2072	
France	FRA	1768	1883	358	0	210	178	0	0	588	1350	
Poland	POL	1768	3530	110	70	240	0	0	0	480	1480	
United Kingdom	GBR	3385	0	2322	858	1870	0	0	0	788	543	
Italy	ITA	3385	1288	401	788	888	0	80	0	308	1298	
Netherlands	NLD	3385	3385	228	88	20	0	0	0	70	1250	
Norway	NOR	3385	1918	728	222	70	0	0	0	180	2513	
Portugal	PRT	0	3888	0	0	0	0	0	0	0	0	
Sweden	SWE	4882	2922	880	360	210	0	0	0	290	3022	
United States	USA	18022	14688	2988	1488	548	0	0	0	1120	16922	
Grand Total		81105	49043	12382	2967	5184	288	80	0	5913	61190	53282



Print / Export

User can print or save as PDF or EXCEL a combined (all Nations) statistics about the current evacuation status

• **Main Window tabs**



• **EPs**

Privacy:

One Nation user can't select or view other EPs Nationality

The screenshot displays the 'EPs' management interface. At the top, there are navigation tabs: 'EVACUATION STATUS', 'TRANSPORTATION PLANS', 'EPs' (selected), 'ASSETS', and 'OPTIONS'. Below the tabs is a search area with 'EP Quick Search' and 'Quick filter by' sections. The 'EPs Database' table lists various EPs with columns for Nat, Last name, First name, Document, Family Doc ID, Age, Gend, and Status. A sidebar on the right shows details for a selected EP, 'Abadi Kamal', with status 'ITA' and 'Been evacuated (departed) from CA'. At the bottom right, there are action buttons: 'Manage Group Lists', 'Manage Manifests', and 'Import EPs from Excel' (highlighted with a red box).

Quick search/filter options: User can use the fields to select the Nationality, Area or Status of the EPs.

Finally user can type in the Name or Document number of an EP to filter the results.

For each selected EP, the list below will show the Group or Manifest list that is inserted into.

The / User can select the following actions:

- **Import** EPs from Excel file
- Create **New** EP
- **Edit** selected EP (double click)
- **Delete** selected EP
- Change EPs **status**
- **Print / Export** to PDF, EXCEL file
- View/Edit Group or Manifest list the EP is in

• EPs (continued)

EP Quick Search

Nationality: Italy

Name: CEC

Quick filter by

Area: CA

EP Status: Processed & ready at CA

EPs Database		Export / Print		New		Delete	
Nat	Last name	First name	Document	Family Doc ID	Age	Gender	Status
ITA	Cecilia	Braschi	IT5160826	-	33	F	Processed & ready at CA
ITA	Cecilio	Caprioglio	IT4760827	-	74	F	Processed & ready at CA
ITA	Cecilio	Caprioglio	IT5161705	-	74	F	Processed & ready at CA

Search results:
Italy | CA | Processed & Ready at CA | CEC (name)

Record: 1 of 3 | Filtered | Search

EP Data

Last Name*

First Name*

Nationality/Citizenship* Italy

Date of Birth: Age:

Gender: Male Female

Situated Area: Crisis Area

Current Status* At CA

Available Document?

Document Type: Passport

Document Number:

Expiration Date:

Special requirements:

Notes: N/A

Family/Guardian Doc n.: N/A

Required fields *

Export / Print

User can print or save as PDF or EXCEL the filtered results from the search.

New EP:

The data required for a new EP are shown on the left. Those with an asterisk (*) are mandatory in order to save the EP

• **Main Window tabs**



• **ASSETS**

Privacy:

One Nation user can't select or view other Nations ASSETS

Asset Quick Search

Nation/Flag: Italy

Name:

Quick filter by

Route status:

Asset status: All

Area	Nation/Flag	Use	Category	Name/Callsign	Operator_Agent	Status
TSL	ITA	Mil	Aircraft	IT-C130	ITALY	Ready (empty) at TSL
PoS	ITA	Mil	Aircraft	IT-KC767	ITALY	Arrived & ready (empty) at Po
TSL	ITA	Civ	Vessel	ITS SAN MARCO	ITALY	Ready (empty) at TSL
CA	ITA	Civ	Vessel	M/V GRIMALDI	ITALY	En route (departed) from CA
CA	ITA	Mil	Vessel	SAN GIORGIO	ITALY	En route (departed) from CA

Assigned Routes

From	ETD	To	ETA
[NEX] BATORIN	30/05/2019 - 05:00:00	[CYP] LARNACA	30/05/2019 - 06:00:00

Assigned Manifest List:

EPs	Name	Created

Mil - Aircraft

IT-C130 (ITA)

Capacity: 0 / 95

Asset Status

Ready (empty) at TSL

Change Asset status

- Available (Alt + A)
- En Route to CA (Alt + R)
- Empty at TSL (Alt + T)
- Not available (Alt + N)

All (filtered) Assets

Only selected Asset

[Manage Routes](#)

[Manage Manifests](#)

Quick search/filter options: User can use the fields to select the Flag or Status of the ASSET.

Finally user can type in the Name or Reg. number of an Asset

Notifications:

Each row has a colour mark on the beginning showing the current status of the Asset. Empty = available, Red = en route to CA, Blue = ready at TSL and Green = arrived at TSL.

For each selected ASSET, the list below routes will show the Routes and the Manifest list that is assigned to.

The User can select the following actions:

- Create **New** Asset
- **Edit** selected Asset (double click)
- **Delete** selected Asset
- Change Asset **status**
- Create **New** Route for selected Asset
- **Edit** selected Route (double click)
- **Delete** selected Route
- View/Edit assigned **Manifest**

• **ASSETs (continued)**

The screenshot displays the 'ASSETS' tab in the software interface. At the top, there are navigation tabs: 'EVACUATION STATUS', 'TRANSPORTATION PLANS', 'EPs', 'ASSETS', and 'OPTI...'. Below these, there are two search sections:

- Asset Quick Search:** Includes 'Nation/Flag' (Italy) and 'Name' (SAN).
- Quick filter by:** Includes 'Route status' and 'Asset status' (En route (departed) from CA).

The main area shows the 'ASSETS Database' table with the following data:

Area	Nation/Flag	Use	Category	Name/Callsign	Operator_Agent	Status
CA	ITA	Mil	Vessel	SAN GIORGIO		En route (departed) from CA

Below the table, there are sections for 'Assigned Routes' and 'Assigned Manifest List'. The 'Assigned Routes' table shows:

From	ETD	To	ETA
[NEX] RYT	30/05/2019 - 10:00:00	[CYP] LIMASSOL	30/05/2019 - 11:00:00
[CYP] LIMASSOL	30/05/2019 - 08:00:00	[NEX] RYT	30/05/2019 - 09:00:00

The 'Assigned Manifest List' table shows:

EPs	Name	Created
250	M_ITA-1_EXCON/ITA NOR ON SAN C	30/05/2019 - 09:50:32

On the right side, there are buttons for 'Manage Routes' and 'Manage Manifests'.

Search results:

Italy | CA | Processed & Ready at CA | CEC (name)

The 'Assets Data' form contains the following fields:

- Name/Callsign***: Text input field.
- Nation/Flag***: Dropdown menu (ITA).
- Status***: Dropdown menu (Available).
- Category**: Radio buttons for Vessel, Aircraft, Bus/Car.
- Type of Use**: Radio buttons for Civ, Mil.
- Operator/Agent**: Text input field.
- Reg Number**: Text input field.
- Class Type**: Text input field.
- Capacity**: Text input field with a note '(0-9)'. A red asterisk indicates this is a required field.
- Notes**: Text area.

At the bottom, there are buttons for 'Save', 'Cancel', and 'Delete'.

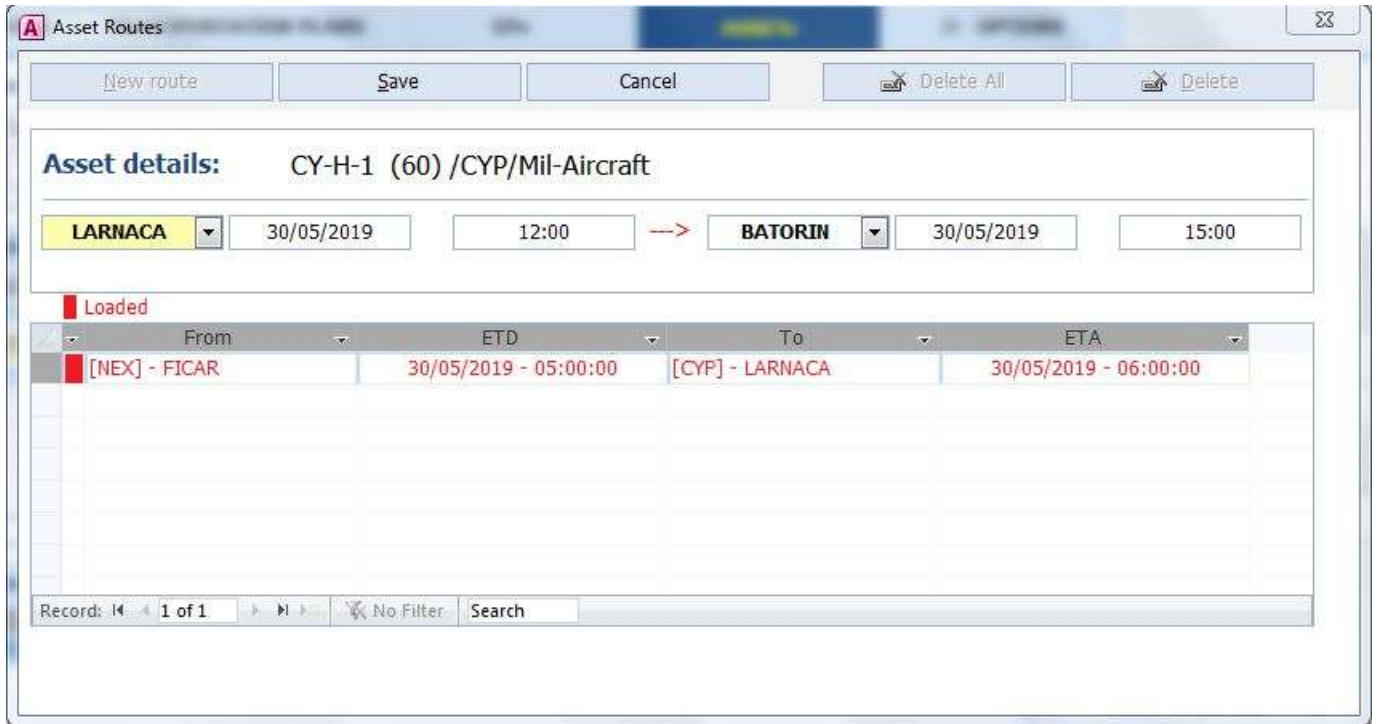
Export / Print

User can print or save as PDF or EXCEL the filtered results from the search.

New ASSET:

The data required for a new ASSET are shown on the left. Those with an asterisk (*) are mandatory in order to save the Asset

• **ASSETs (continued)**



New Route:

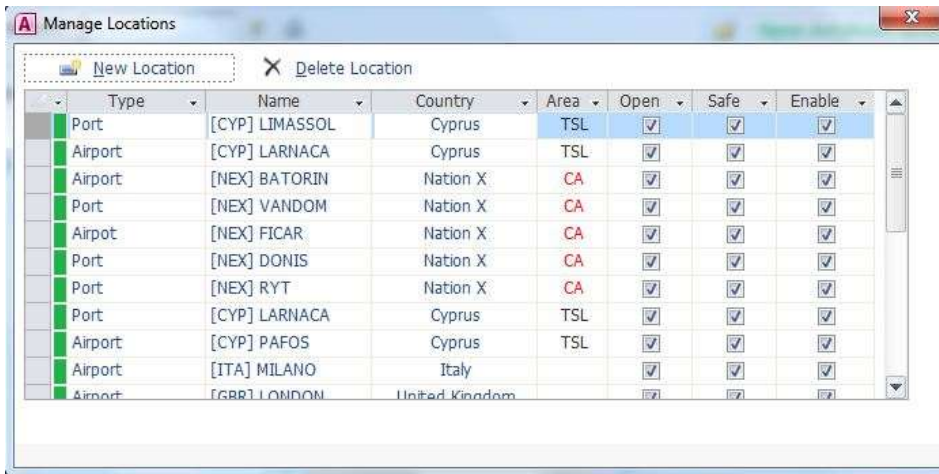
To create a new route for an Asset, the user must insert the departing and arriving location, date and time.

Notifications:

Each row has a colour mark on the beginning showing the current status of the Route. **Red** = the route is loaded with EPs (Manifest).

The User can select the following actions:

- Create **New** Route
- **Edit** selected Route
- **Delete** selected Route
- **Delete** selected Route
- Delete all Routes



Locations:

All locations will have been inserted by the Admin. In any case the User wants to add a new location, can do that from the [Options] tab accessed from the Main window

- **Transportation Plans | CA - Arrivals**

The screenshot displays the 'TRANSPORTATION PLANS' section for 'CA - Arrivals'. It features a navigation bar with 'EVACUATION STATUS', 'TRANSPORTATION PLANS', 'EPs', 'ASSETS', and 'OPTIONS'. Below the navigation bar, there's a dropdown menu for 'Italy' and a 'Refresh Transportation Page' button. The main content area has tabs for 'CA - Arrivals', 'CA - Departures', 'TSL - Arrivals / Accommodation', 'TSL - Departures', and 'PoS - Arrivals'. A 'Scheduled Arrivals' section shows a flow from 'EN ROUTE' (red) to 'ARRIVED at destination' (green, highlighted with a red box) to 'CA'. Below this is a table with columns: Asset Details, From, To, ETA, and Status. The first row shows 'FINLANDIA (250) /FIN/Civ-Vessel' from '[CYP] - LARNACA' to '[NEX] - VANDOM' with an ETA of '30/05/2019 - 11:00:00' and a status of 'Arrived & ready (empty) at CA'. Two arrows point from the text below to the 'ARRIVED at destination' button and the 'FINLANDIA' asset name in the table.

CA - Arrivals:

On this page user can view/ manage all assets with an active route towards the crisis area.

Notifications:

Assets currently en route will have a **RED** mark on the beginning of the row and assets arrived will have a **GREEN** mark.

Actions:

When an asset arrives at destination, the user must manually click on the green button [**ARRIVED at destination**]

In order to view or edit an asset details or a route, users can double click over the underline blue part of the row.

Privacy:

A User of one Nation can't edit the asset or the route of different Nations

• **Transportation Plans | CA - Departures**

The screenshot displays the 'CA - Departures' section of the HERACLIS interface. At the top, there are tabs for 'CA - Arrivals', 'CA - Departures', 'TSL - Arrivals / Accommodation', 'TSL - Departures', and 'PoS - Arrivals'. Below the tabs, a status bar shows 'Scheduled Departures from CA' with three status indicators: 'EMPTY' (yellow), 'LOADED' (green), and 'DEPART from origin' (red). The main table lists vessels with columns for 'Asset Details', 'EPs', 'PL', 'From', 'To', 'ETD', and 'Status'. Three vessels are listed: HMS ALBION (710) /GBR/Mil-Vessel, SAN GIORGIO (250) /ITA/Mil-Vessel, and M/V GRIMALDI (300) /ITA/Civ-Vessel. The 'EPs' and 'PL' columns for HMS ALBION are circled in red, with values 506 and 204 respectively. Below the table is the 'Created Manifests' section, which shows a manifest for 'M_ITA-1_EXCON/ITA_SWE_USA_ON_ITA_KC767' with columns for 'EPs', 'Name', 'ITA', 'SWE', and 'USA'. To the right of this section is an 'EPs Loaded' table with columns for 'Nat' and 'EPs loaded'. The value '506' is circled in red in the 'EPs Loaded' table. A red button labeled 'DEPART from origin' is also visible. Annotations include arrows pointing from the text 'EPs loaded & Places left (PL) on the vessel' to the circled values in the table, and another arrow pointing from the text 'Click to load or unload a selected manifest into a selected asset' to the right arrow button in the 'EPs Loaded' table.

CA - Departures:

On this page user can view/manage all assets with an active route departing the crisis area towards the temporary safe location.

Notifications:

Assets currently empty (ready for loading) will have a **YELLOW** mark on the beginning of the row, assets loaded with a manifest will have a **GREEN** mark and assets departed (en route) will have a **RED** mark.

Actions:

When an asset departs from origin, the user must manually click on the red button [**DEPART from origin**]

In order to view or edit an asset details or a route, user can double click over the underline blue part of the row.

Loading a Manifest:

When a manifest is created will show on the list [Created Manifests]. User can select the asset, then the manifest and then click on the right arrow to load the manifest into the asset.

Privacy:

User of one Nation can't load/unload the asset of different Nation

• **Transportation Plans | TSL - Arrivals**

Asset Details	EPs	PL	From	To	ETA	Status
MV ORION (620) /GBR/Civ-Vessel	510	110	[NEX] - DONIS	[CYP] - LIMASSOL	31/05/2019 - 01:00:00	Arrived at TSL
ALASSIA (120) /CYP/Mil-Vessel	0	120	[NEX] - VANDOM	[CYP] - LIMASSOL	30/05/2019 - 20:00:00	Ready (empty) at TSL
HMS ALBION (710) /GBR/Mil-Vessel	506	204	[NEX] - BATORIN	[CYP] - LARNACA	30/05/2019 - 18:00:00	En route (departed) from CA
ALBERT 01 (90) /GBR/Mil-Aircraft	0	90	[NEX] - FICAR	[CYP] - LARNACA	30/05/2019 - 12:00:00	Ready (empty) at TSL
M/V GRIMALDI (300) /ITA/Civ-Vessel	200	100	[NEX] - RYT	[CYP] - LARNACA	30/05/2019 - 12:00:00	En route (departed) from CA
SAN GIORGIO (250) /ITA/Mil-Vessel	250	0	[NEX] - RYT	[CYP] - LIMASSOL	30/05/2019 - 11:00:00	En route (departed) from CA
ALBERT 02 (92) /GBR/Mil-Aircraft	0	92	[NEX] - BATORIN	[CYP] - LARNACA	30/05/2019 - 10:00:00	Ready (empty) at TSL
OPV IOANNIDES (100) /CYP/Mil-Vessel	0	100	[NEX] - VANDOM	[CYP] - LARNACA	30/05/2019 - 09:00:00	Ready (empty) at TSL

TSL - Arrivals:

On this page user can view/manage all assets en route or arriving to temporary safe location from the crisis area.

Notifications:

Assets currently en route will have a **RED** mark on the beginning of the row, assets arrived but not empty will have a **GREEN** mark and assets arrived and disembarked (empty) will have a **YELLOW** mark.

Actions:

When an asset arrives at destination, the user must manually click on the green button [**ARRIVED at destination**] and when all EPs have disembarked the user must manually click on the yellow button [**DISEMBARK EPs**]

In order to view or edit an asset details or a route, user can double click over the underline blue part of the row. To view a loaded manifest, user can double click on the green number of EPs.

New Group List of disembarked EPs:

When an asset is disembarked, all EPs on the manifest will inserted into a newly formed group list, shown on the list [Group Lists] with the description “Disembarked EPs at TSL”.

Privacy:

User of one Nation can't change the status (arrived/disembarked) of an asset of different Nation

- **Transportation Plans | TSL - Departures**

The screenshot shows the 'TRANSPORTATION PLANS' section of the EVACUATION MANAGEMENT TOOL – HERACLIS. The main table displays 'Scheduled Departures from TSL' with columns for Asset Details, EPs, PL, From, To, ETD, and Status. A row for asset IT-KC767 (200) / ITA/Mil-Aircraft is highlighted in blue, with a red 'DEPART from origin' button next to it. A modal dialog box titled 'DEPART from TSL -> PoS' is open, showing a confirmation message: 'Asset [IT-KC767] departed from TSL to PoS and is available at [PoS - Arrivals]'. A callout box with arrows points to the 'DEPART from origin' button and the modal dialog, containing the text: 'Confirmation of an asset departed from origin after clicking the button'. Below the main table, there is a 'Created Manifests' section with a table showing manifest details for the selected asset.

TSL - Departures:

On this page user can over watch all assets planned for traveling from temporary safe location to each Nations place of safety.

Notifications:

Assets currently empty (ready for loading) will have a **YELLOW** mark on the beginning of the row, assets loaded with a manifest will have a **GREEN** mark and assets departed (en route) will have a **RED** mark.

Actions:

When an asset departs from origin, the user must manually click on the red button [**DEPART from origin**]

In order to view or edit an asset details or a route, user can double click over the underline blue part of the row. To view a loaded manifest, user can double click on the green number of EPs

The procedure of creating, loading or unloading a **manifest** is the same as described before.

Same **privacy** limitation applies also in this page.

• **Transportation Plans | PoS - Arrivals**

The screenshot displays the 'TRANSPORTATION PLANS' tab in the Evacuation Management Tool. At the top, there are navigation tabs: 'EVACUATION STATUS', 'TRANSPORTATION PLANS', 'EPs', 'ASSETS', and 'OPTIONS'. Below these, a dropdown menu shows 'Italy' and a 'Refresh Transportation Page' button. The main interface is divided into sections: 'CA - Arrivals', 'CA - Departures', 'TSL - Arrivals / Accommodation', 'TSL - Departures', and 'PoS - Arrivals'. A progress bar indicates the status of assets: 'EPs been travelling from TSL' (grey), 'EN ROUTE' (red), and 'ARRIVED at destination (DISEMBARKED)' (green), leading to 'PoS'. A table lists asset details with columns for Asset Details, EPs, From, To, ETA, and Status. One row shows asset 'IT-KC767 (200) /ITA/Mil-Aircraft' with 200 EPs, from LARNACA to MILANO, with an ETA of 30/05/2019 - 20:00:00 and status 'En route (departed) from TSL'. A 'Confirmation Request' dialog box is open, asking for confirmation to mark the asset as arrived at PoS. Below the table, a 'Group Lists' section contains a button 'Mark a group of EPs as [SAFE] at PoS' highlighted with a red box. A black arrow points from this button to the 'ARRIVED at destination (DISEMBARKED)' status in the progress bar and another arrow points from the dialog box to the 'ARRIVED at destination (DISEMBARKED)' status in the progress bar.

Confirmation of an asset disembarked after clicking the button

ARRIVED at PoS / EPs DISEMBARKED

Confirmation Request:

Asset [IT-KC767] arrived at PoS?

Asset status will change to: [Arrived & Ready (empty) at PoS]

EPs will disembark and their status will change to: [Arrived at PoS]

Yes No

PoS - Arrivals:

On this page user can view/manage all assets en route and arriving from temporary safe location to each Nations place of safety.

Notifications:

Assets currently en route will have a **RED** mark on the beginning of the row, assets arrived are automatically disembarked and have a **GREEN** mark.

Actions:

When an asset arrives at destination, the user must **manually click** on the green button [**ARRIVED at destination (DISEMABRKED)**]

In order to view or edit an asset details or a route, user can double click over the underline blue part of the row. To view a loaded manifest, user can double click on the green number of EPs.

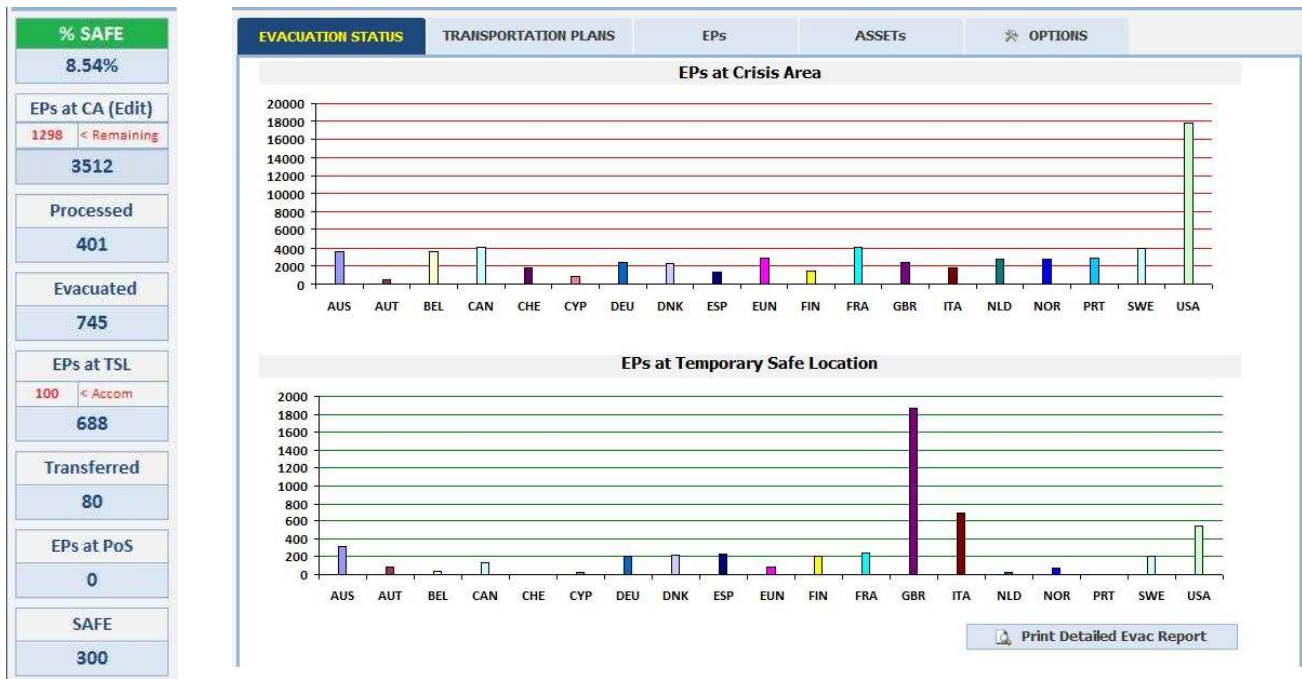
New Group List of disembarked EPs:

When an asset is arrived/disembarked, all EPs on the manifest will be inserted into a newly formed group list, shown on the list [Group Lists] with the description "Disembarked EPs at PoS".

User have the ability to mark the disembarked EPs as **SAFE** by clicking on the button [**Mark a group of EPs as SAFE at PoS**]

Same **privacy** limitation applies also in this page

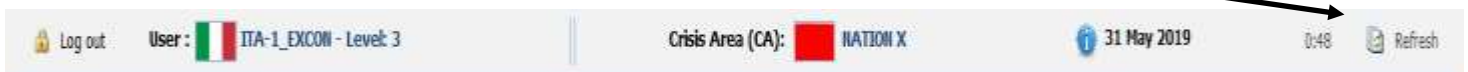
• Evacuation Statistics



Update of data

If a user has selected automatic refresh, after every change of status of an EP, the left panel of the main window and the graphs of the evacuation status tab will change accordingly. If a time interval for refresh is selected, then the stats will change in every zero countdown occurs.

Either way, when user wishes for an update, can **manually click** on the button refresh on the top right corner of the main window.



- **Example of a full evacuation procedure**

User actions	Page
> Go to [EPs] page and create or Import EPs	16
> Select [Manage Group Lists] and select new or Import a Group List	11
> From the [Group List] page , after saving the new Group List, use the EPs database to insert EPs	12
> From the [Group List] page , set the [EPs status] in the group list as [Processed & Ready at CA]	12
> Go to [ASSETs] page and create a new asset and then a new route for the asset	18
> From the [ASSETs] page , set the [Asset status] to [Arrived & Ready (empty) at CA]	18
> Select [Manifest Lists] and select new or Import a Manifest	13
> From the [Manifest list] page , select [Group List] of EPs and insert them into the manifest	14
> Go to [TRANSPORTATION PALNS] and navigate to [CA – Departures]	22
> Select the Asset and the Manifest from the datasheet lists and load the manifest into the asset	22
> Open the manifest and export it for distribution	13
> Set the [Asset status] to [DEPART form origin]	22
> Navigate to [TSL – Arrivals]	23
> Set the [Asset status] to [ARRIVED at destination]	23
> When asset is ready for disembarking, set the [Asset status] to [DISSEMBARKED]	23
> Use the newly created Group List of disembarked EPs to set their status as [SAFE at TSL] or to accommodate them or for further transportation towards PoS	23
> Update statistics from the main window top panel (Refresh)	26

For more details and a presentation of the software, contact the developer/author at:

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