

E I N G A B E N -- Programm ROHR2
Auftrag 9050300
ASU Kosice NO. 9
System: KO 05

HGH/30.1c -- Seite 1
Datum 01.06.05 08:49:55

| | | |
|-----|----------------|-----|
| CCC | ***** | CCC |
| CCC | Lagerbelastung | CCC |
| CCC | ***** | CCC |

ER G E B N I S S E -- Programm ROHR2
Auftrag 9050300
ASU Kosice NO. 9
System: KO 05

HGH/30.1c -- Seite 2
Datum 01.06.05 08:49:55

E I N G A B E P R O T O K O L L ERGEBNISAUSWERTUNG
=====

KOMBINATION VON ROHR2 LASTFAELLEN

mit Progr. ROHR2 Version 30.1

DIE AUSWERTUNG ERFOLGT NUR FUER FOLGENDE PUNKTE :

| Strang | Punkt | Ort | Text zum Schnitt |
|--------|-------|-----|-------------------------|
| 2 | 425 | S | Führungslager |
| 2 | 490 | S | V77001 |
| 9 | 1000 | S | Führungslager |
| 10 | 1010 | S | Führungslager |
| 11 | 1100 | S | Federstütze |
| 12 | 1200 | S | Federstütze |
| 13 | 1270 | S | W20000/ F |
| 14 | 1290 | S | W20000/ F |
| 15 | 1310 | S | W20000/ F |
| 16 | 1330 | S | W20000/ F |
| 23 | 35 | S | |
| 23 | 40 | S | Federstütze mit Führung |
| 23 | 70 | S | Führungslager |
| 23 | 80 | S | Festpunkt |
| 23 | 140 | S | Gleitlager |
| 23 | 200 | S | Geitlager |
| 23 | 250 | S | Führungslager |
| 23 | 300 | S | V70001 |
| 24 | 1340 | S | zusätzlich |

ES WURDEN FOLGENDE LASTFAELLE BERUECKSICHTIGT:

| Lf-Datei | Lf-Feld | Lf-Bezeichnung | erstellt am: |
|-----------|---------|----------------|-------------------|
| Gew1.erg | G1 | Gewicht | 01.06.05 08:49:40 |
| Temp1.erg | T1 | Betrieb1 | 01.06.05 08:49:43 |
| Temp2.erg | T2 | Betrieb2 | 01.06.05 08:49:45 |
| Temp3.erg | T3 | Betrieb3 | 01.06.05 08:49:49 |
| Wind1.erg | W1 | Windl-X | 01.06.05 08:49:51 |
| Wind1.erg | W2 | Windl-Y | 01.06.05 08:49:51 |

U E B E R L A G E R U N G S V O R S C H R I F T

| | | | | |
|-----------------------------|------------------------|------------------------|---|-------|
| Ex-Feld XG0 | Extrw. Gewicht | = FEST aus: | | |
| | Lf-Feld G1 | Lastf. Gewicht | * | 1.00 |
| Lf-Feld OP0 | Lastf. Betrieb 0 | = ARITHMET aus: | | |
| | Lf-Feld T1 | Lastf. Betrieb1 | * | 1.00 |
| Lf-Feld OP1 | Lastf. Betrieb 1 | = ARITHMET aus: | | |
| | Lf-Feld T2 | Lastf. Betrieb2 | * | 1.00 |
| Lf-Feld OP2 | Lastf. Betrieb 2 | = ARITHMET aus: | | |
| | Lf-Feld T3 | Lastf. Betrieb3 | * | 1.00 |
| Ex-Feld XOP | Extrw. Betrieb | = SAFE aus: | | |
| | Lf-Feld OP0 | Lastf. Betrieb 0 | * | 1.00 |
| | + Lf-Feld OP1 | Lastf. Betrieb 1 | * | 1.00 |
| | + Lf-Feld OP2 | Lastf. Betrieb 2 | * | 1.00 |
| Ex-Feld H | Extrw. Max Gew/Betrieb | = SAFE aus: | | |
| | + Ex-Feld XG0 | Extrw. Gewicht | * | 1.00 |
| | + Ex-Feld XOP | Extrw. Betrieb | * | 1.00 |
| Lf-Feld W-G_21 | Lastf. Wind1-X-Gew | = ARITHMET aus: | | |
| | Lf-Feld W1 | Lastf. Wind1-X | * | 1.00 |
| | + Lf-Feld G1 | Lastf. Gewicht | * | -1.00 |
| Lf-Feld W-G_22 | Lastf. Wind1-Y-Gew | = ARITHMET aus: | | |
| | Lf-Feld W2 | Lastf. Wind1-Y | * | 1.00 |
| | + Lf-Feld G1 | Lastf. Gewicht | * | -1.00 |
| Lf-Feld W_RMS2 | Lastf. Wind1-XY | = RMS aus: | | |
| | Lf-Feld W-G_21 | Lastf. Wind1-X-Gew | * | 1.00 |
| | + Lf-Feld W-G_22 | Lastf. Wind1-Y-Gew | * | 1.00 |
| Ex-Feld XW2 | Extrw. Wind1 | = GRWE aus: | | |
| | Lf-Feld W_RMS2 | Lastf. Wind1-XY | * | 1.00 |
| Ex-Feld XWIEB | Extrw. Max Wind/Erdb | = SAFR aus: | | |
| | + Ex-Feld XW2 | Extrw. Wind1 | * | 1.00 |
| Ex-Feld EXT | Extrw. Extremwert | = FEST aus: | | |
| | + Ex-Feld H | Extrw. Max Gew/Betrieb | * | 1.00 |
| | + Ex-Feld XWIEB | Extrw. Max Wind/Erdb | * | 1.00 |
| Lf-Feld LFEXT | Lastf. Extremwert | = EXTREMUM aus: | | |
| | Ex-Feld EXT | Extrw. Extremwert | * | 1.00 |
| Ausgabe der Lastfallfelder: | | | | |
| | Lf-Feld G1 | Lastf. Gewicht | | |
| Ausgabe der Lastfallfelder: | | | | |
| | Lf-Feld T1 | Lastf. Betrieb1 | | |
| Ausgabe der Lastfallfelder: | | | | |
| | Lf-Feld T2 | Lastf. Betrieb2 | | |
| Ausgabe der Lastfallfelder: | | | | |
| | Lf-Feld T3 | Lastf. Betrieb3 | | |
| Ausgabe der Lastfallfelder: | | | | |
| | Lf-Feld W1 | Lastf. Wind1-X | | |
| Ausgabe der Lastfallfelder: | | | | |
| | Lf-Feld W2 | Lastf. Wind1-Y | | |

Ausgabe der Lastfallfelder:
 Lf-Feld LFEXT Lastf. Extremwert

Neue Seite

HGH/30.1c -- Seite 4
Datum 01.06.05 08:49:55

Y-Stop; Z-Stop;
Xi-Stop; Zi-Stop;
X-frei; Yi-frei

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|-------|------|--------|--------|---------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | 0.000 | 1.349 | -13.068 |
| | 0.00 | 0.00 | 0.00 | 0.055 | 0.000 | -1.454 |
| Betrieb1 | -0.59 | 0.00 | 0.00 | 0.000 | 2.237 | -13.834 |
| | 0.00 | 0.00 | 0.00 | -0.128 | 0.000 | -2.352 |
| Betrieb2 | -1.46 | 0.00 | 0.00 | 0.000 | 5.922 | -14.817 |
| | 0.00 | -0.01 | 0.00 | -1.475 | 0.000 | -5.559 |
| Betrieb3 | 0.65 | 0.00 | 0.00 | 0.000 | -1.835 | -12.271 |
| | 0.00 | 0.00 | 0.00 | 1.429 | 0.000 | 1.188 |
| Wind1-X | 0.00 | 0.00 | 0.00 | 0.000 | 1.349 | -13.068 |
| | 0.00 | 0.00 | 0.00 | 0.055 | 0.000 | -1.454 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | 0.000 | 1.384 | -13.055 |
| | 0.00 | 0.00 | 0.00 | 0.047 | 0.000 | -1.504 |
| Extremwert | -1.46 | 0.00 | 0.00 | 0.000 | 5.957 | -14.829 |
| | 0.00 | -0.01 | 0.00 | -1.482 | 0.000 | -5.609 |

E R G E B N I S S E -- Programm ROHR2
 Auftrag 9050300
 ASU Kosice NO. 9
 System: KO 05

HGH/30.1c -- Seite 5
 Datum 01.06.05 08:49:55

S t r a n g 2 P u n k t 490 ST V77001
 Stuetze im absoluten Koordinatensystem

| Lastf.-Bezeichn. | WX PX mm Grd | WY PY mm Grd | WZ PZ mm Grd | AQX AMX kN kNm | AQY AMY kN kNm | AQZ AMZ kN kNm |
|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Gewicht | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 1.771 0.000 | 0.000 0.451 | -0.075 0.000 |
| Betrieb1 | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 1.916 0.000 | 0.000 0.622 | 0.266 0.000 |
| Betrieb2 | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 1.197 0.000 | 0.000 0.862 | 0.727 0.000 |
| Betrieb3 | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | -1.368 0.000 | 0.000 0.396 | -0.475 0.000 |
| Wind1-X | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 1.771 0.000 | 0.000 0.451 | -0.075 0.000 |
| Wind1-Y | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 1.823 0.000 | 0.000 0.446 | -0.079 0.000 |
| ----- | | | | | | |
| Extremwert | 0.00 0.00 | 0.00 0.00 | 0.00 0.00 | 1.968 0.000 | 0.000 0.867 | 0.731 0.000 |
| ----- | | | | | | |

HGH/30.1c -- Seite 6
Datum 01.06.05 08:49:55

X-frei; Z-Stop,
Y= +/- 2mm

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|---------------|---------------|----------------|-----------------|-----------------|------------------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | -0.03 0.01 | -0.02 0.00 | -0.01 0.00 | -0.676 0.000 | -0.345 0.000 | -12.256 0.000 |
| Betrieb1 | -0.98 0.02 | 0.53 0.00 | -0.01 -0.01 | -0.819 0.000 | 0.441 0.000 | -9.340 0.000 |
| Betrieb2 | -2.90 0.02 | 2.00 0.00 | 0.00 -0.01 | -0.608 0.000 | 1.429 0.000 | -4.650 0.000 |
| Betrieb3 | 0.32 0.00 | -0.63 0.00 | -0.02 0.03 | 0.694 0.000 | -1.369 0.000 | -15.353 0.000 |
| Wind1-X | -0.03 0.01 | -0.02 0.00 | -0.01 0.00 | -0.676 0.000 | -0.345 0.000 | -12.256 0.000 |
| Wind1-Y | -0.02 0.01 | -0.01 0.00 | -0.01 0.00 | -0.733 0.000 | -0.473 0.000 | -12.311 0.000 |
| Extremwert | -2.91 0.02 | 2.01 0.00 | -0.02 0.03 | -0.876 0.000 | 1.557 0.000 | -15.409 0.000 |

E R G E B N I S S E -- Programm ROHR2
 Auftrag 9050300
 ASU Kosice NO. 9
 System: KO 05

HGH/30.1c -- Seite 7
 Datum 01.06.05 08:49:55

S t r a n g 10 P u n k t 1010 AR Führungslager
 Stuetze im absoluten Koordinatensystem

X-frei; Z-Stop;
 Y= +/- 2mm

| Lastf.-Bezeichn. | WX PX mm Grd | WY PY mm Grd | WZ PZ mm Grd | AQX AMX kN kNm | AQY AMY kN kNm | AQZ AMZ kN kNm |
|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Gewicht | -0.05 0.01 | 0.03 0.00 | 0.00 0.00 | -0.236 0.000 | 0.137 0.000 | 3.713 0.000 |
| Betrieb1 | -0.71 0.02 | 0.29 0.00 | 0.00 -0.01 | -0.218 0.000 | 0.088 0.000 | 2.372 0.000 |
| Betrieb2 | -2.21 0.02 | 1.71 0.00 | 0.00 -0.01 | -0.001 0.000 | 0.001 0.000 | 0.019 0.000 |
| Betrieb3 | 0.00 0.00 | 0.00 0.00 | 0.01 0.03 | 0.055 0.000 | -0.010 0.000 | 5.021 0.000 |
| Wind1-X | -0.05 0.01 | 0.03 0.00 | 0.00 0.00 | -0.236 0.000 | 0.137 0.000 | 3.713 0.000 |
| Wind1-Y | -0.03 0.01 | 0.03 0.00 | 0.00 0.00 | -0.249 0.000 | 0.208 0.000 | 3.748 0.000 |
| ----- | | | | | | |
| Extremwert | -2.22 0.02 | 1.71 0.00 | 0.01 0.03 | -0.249 0.000 | 0.208 0.000 | 5.055 0.000 |
| ----- | | | | | | |

HGH/30.1c -- Seite 8
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|------|-------|--------|-------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.01 | -0.800 | 0.000 | -2.925 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb1 | -0.30 | 0.00 | -0.11 | -0.880 | 0.000 | -2.933 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb2 | -0.73 | 0.00 | -0.30 | -0.884 | 0.000 | -2.946 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb3 | 0.32 | 0.00 | 0.16 | 0.875 | 0.000 | -2.915 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-X | 0.00 | 0.00 | 0.01 | -0.800 | 0.000 | -2.925 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-Y | 0.00 | 0.00 | 0.01 | -0.828 | 0.000 | -2.925 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Extremwert | -0.73 | 0.00 | -0.30 | -0.912 | 0.000 | -2.946 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |

HGH/30.1c -- Seite 9
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|------|-------|--------|-------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.01 | -0.424 | 0.000 | -5.056 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb1 | -0.29 | 0.00 | -0.11 | -1.522 | 0.000 | -5.072 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb2 | -0.73 | 0.00 | -0.30 | -1.529 | 0.000 | -5.097 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb3 | 0.32 | 0.00 | 0.16 | 1.511 | 0.000 | -5.036 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-X | 0.00 | 0.00 | 0.01 | -0.424 | 0.000 | -5.056 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-Y | 0.00 | 0.00 | 0.01 | -0.421 | 0.000 | -5.056 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Extremwert | -0.73 | 0.00 | -0.30 | -1.532 | 0.000 | -5.097 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |

HGH/30.1c -- Seite 10
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|------|------|------|--------|--------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | 0.158 | -0.063 | -0.621 |
| | 0.00 | 0.00 | 0.00 | 0.050 | 0.176 | 0.040 |
| Betrieb1 | 0.00 | 0.00 | 0.00 | 3.049 | -0.158 | -0.855 |
| | 0.00 | 0.00 | 0.00 | 0.178 | 4.425 | 0.081 |
| Betrieb2 | 0.00 | 0.00 | 0.00 | 7.220 | -0.973 | -1.087 |
| | 0.00 | 0.00 | 0.00 | 1.250 | 10.577 | 0.417 |
| Betrieb3 | 0.00 | 0.00 | 0.00 | -3.127 | 0.341 | -0.639 |
| | 0.00 | 0.00 | 0.00 | -0.451 | -4.711 | -0.139 |
| Wind1-X | 0.00 | 0.00 | 0.00 | 0.158 | -0.063 | -0.621 |
| | 0.00 | 0.00 | 0.00 | 0.050 | 0.176 | 0.040 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | 0.158 | -0.063 | -0.621 |
| | 0.00 | 0.00 | 0.00 | 0.050 | 0.176 | 0.040 |
| Extremwert | 0.00 | 0.00 | 0.00 | 7.220 | -0.973 | -1.087 |
| | 0.00 | 0.00 | 0.00 | 1.250 | 10.577 | 0.417 |

HGH/30.1c -- Seite 11
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|------|------|------|--------|--------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | 0.346 | -0.046 | -0.953 |
| | 0.00 | 0.00 | 0.00 | 0.036 | 0.385 | 0.030 |
| Betrieb1 | 0.00 | 0.00 | 0.00 | 3.197 | 1.384 | -1.135 |
| | 0.00 | 0.00 | 0.00 | -1.827 | 4.583 | -0.567 |
| Betrieb2 | 0.00 | 0.00 | 0.00 | 7.291 | 2.741 | -1.230 |
| | 0.00 | 0.00 | 0.00 | -3.588 | 10.647 | -1.135 |
| Betrieb3 | 0.00 | 0.00 | 0.00 | -3.088 | -1.381 | -0.706 |
| | 0.00 | 0.00 | 0.00 | 1.801 | -4.665 | 0.575 |
| Wind1-X | 0.00 | 0.00 | 0.00 | 0.346 | -0.046 | -0.953 |
| | 0.00 | 0.00 | 0.00 | 0.036 | 0.385 | 0.030 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | 0.346 | -0.046 | -0.953 |
| | 0.00 | 0.00 | 0.00 | 0.036 | 0.385 | 0.030 |
| Extremwert | 0.00 | 0.00 | 0.00 | 7.291 | 2.741 | -1.230 |
| | 0.00 | 0.00 | 0.00 | -3.588 | 10.647 | -1.135 |

HGH/30.1c -- Seite 12
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|------|------|------|--------|---------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | -0.198 | -0.053 | -0.789 |
| | 0.00 | 0.00 | 0.00 | 0.036 | -0.208 | -0.038 |
| Betrieb1 | 0.00 | 0.00 | 0.00 | -3.195 | -0.189 | -0.854 |
| | 0.00 | 0.00 | 0.00 | 0.220 | -4.639 | -0.087 |
| Betrieb2 | 0.00 | 0.00 | 0.00 | -7.237 | -1.002 | -0.776 |
| | 0.00 | 0.00 | 0.00 | 1.290 | -10.652 | -0.422 |
| Betrieb3 | 0.00 | 0.00 | 0.00 | 2.942 | 0.338 | -1.021 |
| | 0.00 | 0.00 | 0.00 | -0.447 | 4.502 | 0.137 |
| Wind1-X | 0.00 | 0.00 | 0.00 | -0.198 | -0.053 | -0.789 |
| | 0.00 | 0.00 | 0.00 | 0.036 | -0.208 | -0.038 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | -0.198 | -0.053 | -0.789 |
| | 0.00 | 0.00 | 0.00 | 0.036 | -0.208 | -0.038 |

| | | | | | | |
|------------|------|------|------|--------|---------|--------|
| Extremwert | 0.00 | 0.00 | 0.00 | -7.237 | -1.002 | -1.022 |
| | 0.00 | 0.00 | 0.00 | 1.290 | -10.652 | -0.422 |

HGH/30.1c -- Seite 13
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|------|------|------|--------|---------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | -0.338 | -0.039 | -1.044 |
| | 0.00 | 0.00 | 0.00 | 0.026 | -0.358 | -0.028 |
| Betrieb1 | 0.00 | 0.00 | 0.00 | -3.371 | 1.384 | -1.151 |
| | 0.00 | 0.00 | 0.00 | -1.827 | -4.834 | 0.568 |
| Betrieb2 | 0.00 | 0.00 | 0.00 | -7.411 | 2.739 | -1.069 |
| | 0.00 | 0.00 | 0.00 | -3.585 | -10.849 | 1.137 |
| Betrieb3 | 0.00 | 0.00 | 0.00 | 2.997 | -1.375 | -0.925 |
| | 0.00 | 0.00 | 0.00 | 1.792 | 4.567 | -0.574 |
| Wind1-X | 0.00 | 0.00 | 0.00 | -0.338 | -0.039 | -1.044 |
| | 0.00 | 0.00 | 0.00 | 0.026 | -0.358 | -0.028 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | -0.338 | -0.039 | -1.044 |
| | 0.00 | 0.00 | 0.00 | 0.026 | -0.358 | -0.028 |
| <hr/> | | | | | | |
| Extremwert | 0.00 | 0.00 | 0.00 | -7.411 | 2.739 | -1.151 |
| | 0.00 | 0.00 | 0.00 | -3.585 | -10.849 | 1.137 |

HGH/30.1c -- Seite 14
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|-------|-------|--------|--------|-------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | -0.02 | 0.000 | 0.000 | 0.000 |
| | -0.01 | -0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb1 | -0.35 | -0.66 | 1.10 | 0.000 | 0.000 | 0.000 |
| | -0.01 | -0.01 | -0.01 | 0.000 | 0.000 | 0.000 |
| Betrieb2 | -0.89 | -2.00 | 2.68 | -0.092 | -0.973 | 0.277 |
| | -0.01 | 0.00 | -0.02 | 0.000 | 0.000 | 0.000 |
| Betrieb3 | 0.47 | 0.78 | -1.51 | 0.000 | 0.000 | 0.000 |
| | 0.00 | -0.02 | 0.01 | 0.000 | 0.000 | 0.000 |
| Wind1-X | 0.00 | 0.00 | -0.02 | 0.000 | 0.000 | 0.000 |
| | -0.01 | -0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-Y | 0.00 | 0.00 | -0.02 | 0.000 | 0.000 | 0.000 |
| | -0.01 | -0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Extremwert | -0.89 | -2.00 | 2.68 | -0.092 | -0.973 | 0.277 |
| | -0.01 | -0.02 | -0.02 | 0.000 | 0.000 | 0.000 |

E R G E B N I S S E -- Programm ROHR2
 Auftrag 9050300
 ASU Kosice NO. 9
 System: KO 05

HGH/30.1c -- Seite 15
 Datum 01.06.05 08:49:55

S t r a n g 23 P u n k t 40 A R Federstütze mit Führung
 Stuetze im absoluten Koordinatensystem

Y=+/-2mm

| Lastf.-Bezeichn. | WX PX mm Grd | WY PY mm Grd | WZ PZ mm Grd | AQX AMX kN kNm | AQY AMY kN kNm | AQZ AMZ kN kNm |
|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Gewicht | 0.00 -0.01 | 0.00 -0.01 | -0.02 0.00 | 0.865 0.000 | 0.237 0.000 | -7.879 0.000 |
| Betrieb1 | -0.35 -0.01 | -0.66 -0.01 | 1.10 -0.01 | -1.081 0.000 | -2.051 0.000 | -7.729 0.000 |
| Betrieb2 | -0.89 -0.01 | -2.00 0.00 | 2.68 -0.02 | -0.920 0.000 | -2.059 0.000 | -7.518 0.000 |
| Betrieb3 | 0.47 0.00 | 0.78 -0.02 | -1.51 0.01 | 1.249 0.000 | 2.082 0.000 | -8.077 0.000 |
| Wind1-X | 0.00 -0.01 | 0.00 -0.01 | -0.02 0.00 | 0.865 0.000 | 0.237 0.000 | -7.879 0.000 |
| Wind1-Y | 0.00 -0.01 | 0.00 -0.01 | -0.02 0.00 | 0.865 0.000 | 0.237 0.000 | -7.879 0.000 |
| Extremwert | -0.89 -0.01 | -2.00 -0.02 | 2.68 -0.02 | 1.249 0.000 | 2.082 0.000 | -8.077 0.000 |

HGH/30.1c -- Seite 16
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|------|-------|--------|--------|---------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | -0.01 | -0.677 | -0.062 | -17.850 |
| | 0.00 | 0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb1 | 1.69 | 0.00 | -0.01 | 1.785 | -0.036 | -17.818 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb2 | 4.20 | 0.00 | -0.01 | 1.790 | -0.080 | -17.823 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb3 | -1.90 | 0.00 | -0.01 | -1.796 | -0.064 | -17.891 |
| | 0.00 | 0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-X | 0.00 | 0.00 | -0.01 | -0.677 | -0.062 | -17.850 |
| | 0.00 | 0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-Y | 0.00 | 0.00 | -0.01 | -0.677 | -0.062 | -17.850 |
| | 0.00 | 0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Extremwert | 4.20 | 0.00 | -0.01 | -1.796 | -0.080 | -17.891 |
| | 0.00 | 0.01 | 0.00 | 0.000 | 0.000 | 0.000 |

HGH/30.1c -- Seite 17
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|------|------|------|--------|---------|---------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | 0.592 | 0.275 | -9.955 |
| | 0.00 | 0.00 | 0.00 | -0.923 | -13.705 | -2.526 |
| Betrieb1 | 0.00 | 0.00 | 0.00 | -1.173 | 0.781 | -9.798 |
| | 0.00 | 0.00 | 0.00 | -0.579 | -9.855 | -6.279 |
| Betrieb2 | 0.00 | 0.00 | 0.00 | -1.308 | 1.497 | -9.813 |
| | 0.00 | 0.00 | 0.00 | 0.586 | -5.497 | -12.048 |
| Betrieb3 | 0.00 | 0.00 | 0.00 | -0.099 | -0.509 | -10.214 |
| | 0.00 | 0.00 | 0.00 | -1.719 | -18.288 | 3.013 |
| Wind1-X | 0.00 | 0.00 | 0.00 | 0.592 | 0.275 | -9.955 |
| | 0.00 | 0.00 | 0.00 | -0.923 | -13.705 | -2.526 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | 0.606 | 0.280 | -9.956 |
| | 0.00 | 0.00 | 0.00 | -0.912 | -13.713 | -2.560 |
| <hr/> | | | | | | |
| Extremwert | 0.00 | 0.00 | 0.00 | -1.322 | 1.503 | -10.214 |
| | 0.00 | 0.00 | 0.00 | -1.730 | -18.296 | -12.083 |

HGH/30.1c -- Seite 18
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|---------------|---------------|---------------|-----------------|-----------------|------------------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | -0.01 0.00 | -0.01 0.00 | -0.01 0.00 | -0.443 0.000 | -0.894 0.000 | -18.421 0.000 |
| Betrieb1 | -1.21 0.00 | 1.07 -0.02 | -0.01 0.00 | -1.494 0.000 | 1.330 0.000 | -20.034 0.000 |
| Betrieb2 | -3.83 0.01 | 2.89 -0.04 | -0.02 0.02 | -1.785 0.000 | 1.348 0.000 | -22.363 0.000 |
| Betrieb3 | 0.84 0.00 | -1.47 0.01 | -0.01 0.00 | 0.811 0.000 | -1.411 0.000 | -16.268 0.000 |
| Wind1-X | -0.01 0.00 | -0.01 0.00 | -0.01 0.00 | -0.443 0.000 | -0.894 0.000 | -18.421 0.000 |
| Wind1-Y | 0.00 0.00 | -0.01 0.00 | -0.01 0.00 | -0.410 0.000 | -0.963 0.000 | -18.413 0.000 |
| Extremwert | -3.84 0.01 | 2.90 -0.04 | -0.02 0.02 | -1.818 0.000 | -1.480 0.000 | -22.371 0.000 |

HGH/30.1c -- Seite 19
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|-------|-------|--------|--------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | -0.05 | -0.01 | 0.00 | -0.690 | -0.191 | -3.219 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb1 | -1.48 | -0.58 | 0.00 | -0.760 | -0.301 | -2.725 |
| | 0.01 | -0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Betrieb2 | -3.59 | -1.25 | 0.00 | -0.632 | -0.220 | -2.233 |
| | 0.02 | -0.03 | -0.01 | 0.000 | 0.000 | 0.000 |
| Betrieb3 | 0.85 | 0.44 | -0.01 | 1.047 | 0.550 | -3.948 |
| | 0.00 | -0.01 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-X | -0.05 | -0.01 | 0.00 | -0.690 | -0.191 | -3.219 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Wind1-Y | -0.05 | -0.01 | 0.00 | -0.693 | -0.126 | -3.217 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.000 |
| Extremwert | -3.60 | -1.26 | -0.01 | 1.050 | 0.615 | -3.950 |
| | 0.02 | -0.03 | -0.01 | 0.000 | 0.000 | 0.000 |

HGH/30.1c -- Seite 20
Datum 01.06.05 08:49:55

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Y-Stop; Z-Stop;
Xi-Stop; Zi-Stop;
X-frei; Yi-frei
```

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|-------|------|------|--------|--------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | 0.000 | -0.304 | -6.850 |
| | 0.00 | 0.00 | 0.00 | 0.291 | 0.000 | -0.015 |
| Betrieb1 | -0.59 | 0.00 | 0.00 | 0.000 | -4.492 | -7.785 |
| | 0.00 | 0.00 | 0.00 | 3.945 | 0.000 | 4.229 |
| Betrieb2 | -1.46 | 0.00 | 0.00 | 0.000 | -9.833 | -8.356 |
| | 0.00 | 0.00 | 0.00 | 8.632 | 0.000 | 9.782 |
| Betrieb3 | 0.65 | 0.00 | 0.00 | 0.000 | 4.538 | -5.923 |
| | 0.00 | 0.00 | 0.00 | -3.970 | 0.000 | -4.153 |
| Wind1-X | 0.00 | 0.00 | 0.00 | 0.000 | -0.304 | -6.850 |
| | 0.00 | 0.00 | 0.00 | 0.291 | 0.000 | -0.015 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | 0.000 | -0.284 | -6.843 |
| | 0.00 | 0.00 | 0.00 | 0.273 | 0.000 | -0.036 |
| Extremwert | -1.46 | 0.00 | 0.00 | 0.000 | -9.853 | -8.363 |
| | 0.00 | 0.00 | 0.00 | 8.650 | 0.000 | 9.802 |

HGH/30.1c -- Seite 21
Datum 01.06.05 08:49:55

| Lastf.-Bezeichn. | WX | WY | WZ | AQX | AQY | AQZ |
|------------------|------|------|------|--------|-------|--------|
| | PX | PY | PZ | AMX | AMY | AMZ |
| | mm | mm | mm | kN | kN | kN |
| | Grd | Grd | Grd | kNm | kNm | kNm |
| Gewicht | 0.00 | 0.00 | 0.00 | 0.773 | 0.000 | -0.129 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.332 | 0.000 |
| Betrieb1 | 0.00 | 0.00 | 0.00 | 1.916 | 0.000 | 0.379 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.496 | 0.000 |
| Betrieb2 | 0.00 | 0.00 | 0.00 | 1.859 | 0.000 | 0.644 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.633 | 0.000 |
| Betrieb3 | 0.00 | 0.00 | 0.00 | -2.050 | 0.000 | -0.557 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.287 | 0.000 |
| Wind1-X | 0.00 | 0.00 | 0.00 | 0.773 | 0.000 | -0.129 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.332 | 0.000 |
| Wind1-Y | 0.00 | 0.00 | 0.00 | 0.772 | 0.000 | -0.134 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.330 | 0.000 |
| Extremwert | 0.00 | 0.00 | 0.00 | -2.052 | 0.000 | 0.648 |
| | 0.00 | 0.00 | 0.00 | 0.000 | 0.635 | 0.000 |

E R G E B N I S S E -- Programm ROHR2
 Auftrag 9050300
 ASU Kosice NO. 9
 System: KO 05

HGH/30.1c -- Seite 22
 Datum 01.06.05 08:49:55

S t r a n g 24 P u n k t 1340 AR zusätzlich
 Stuetze im absoluten Koordinatensystem

Führungslager
 X-.Stop; Y-frei; Z-frei

| Lastf.-Bezeichn. | WX PX mm Grd | WY PY mm Grd | WZ PZ mm Grd | AQX AMX kN kNm | AQY AMY kN kNm | AQZ AMZ kN kNm |
|------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Gewicht | 0.00 -0.01 | 0.00 0.00 | 0.04 0.00 | -0.022 0.000 | 0.000 0.000 | 0.007 0.000 |
| Betrieb1 | 0.00 0.00 | -0.61 0.00 | 0.99 0.00 | 2.650 0.000 | -0.417 0.000 | 0.677 0.000 |
| Betrieb2 | 0.00 0.00 | -1.73 0.00 | 2.39 0.00 | 3.049 0.000 | -0.535 0.000 | 0.742 0.000 |
| Betrieb3 | 0.00 0.00 | 0.76 0.00 | -1.23 0.00 | -0.654 0.000 | 0.106 0.000 | -0.171 0.000 |
| Wind1-X | 0.00 -0.01 | 0.00 0.00 | 0.04 0.00 | -0.022 0.000 | 0.000 0.000 | 0.007 0.000 |
| Wind1-Y | 0.00 -0.01 | 0.00 0.00 | 0.04 0.00 | -0.022 0.000 | 0.000 0.000 | 0.007 0.000 |
| Extremwert | 0.00 -0.01 | -1.73 0.00 | 2.39 0.00 | 3.049 0.000 | -0.535 0.000 | 0.742 0.000 |

ER G E B N I S S E -- Programm ROHR2
Auftrag 9050300
ASU Kosice NO. 9
System: KO 05

HGH/30.1c -- Seite 23
Datum 01.06.05 08:49:55